

NORTHWEST LAKEWOOD SANITATION DISTRICT

141 Union Boulevard, Suite 150
Lakewood, Colorado 80228-1898
Tel: 303-987-0835 • 800-741-3254
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NOTICE OF REGULAR MEETING AND AGENDA OF THE BOARD OF DIRECTORS OF THE DISTRICT AND OF THE WASTE WATER UTILITY ENTERPRISE

<u>Board of Directors:</u>	<u>Office:</u>	<u>Term/Expiration:</u>
Gregory A. "Greg" Fabisiak	President	2023/May 2023
Catherine "CiCi" Kesler	Vice President/Treasurer	2023/May 2023
James D. "Jim" Zimmerman	Secretary	2025/May 2025
Anthony M. Dursey	Assistant Secretary	2025/May 2025
George C. Davenport	Assistant Secretary	2025/May 2025

DATE: September 28, 2022

TIME: 4:00 P.M.

PLACE: **VIA Zoom**

If you experience technical difficulties, email Steve Beck at sbeck@sdmsi.com.

Join Zoom Meeting

<https://us02web.zoom.us/j/87182824270?pwd=NldxL21NOGx0NmJnWnUyREhQT01Vdz09>

Meeting ID: 871 8282 4270

Passcode: 155676

Dial In: 1-719-359-4580

I. ADMINISTRATIVE MATTERS

- A. Review and approve Minutes of the August 24, 2022 regular meeting, August 29, 2022 special meeting and September 7, 2022 special meeting (enclosures).
-

II. PUBLIC COMMENT

- A. _____
-

III. FINANCIAL MATTERS

- A. Review and approve the payment of claims through the period ending September 13, 2022 as follows (enclosure):

General Fund	\$ 32,501.09
Enterprise Fund	\$ <u>139,017.88</u>
Total:	\$ <u>171,518.97</u>

and accept the schedule of cash position as of August 31, 2022 (enclosure); and the unaudited financial statements for the period ending August 31, 2022; and a report on collections for the facilities renovation fees, grease trap inspection fee collections, commercial billing and any other fees imposed and collected by the District (enclosure).

B. Consider approval of 2021 Audit (enclosure) and authorize execution of Representations Letter.

C. Review draft 2023 Budget (enclosure). Set the date for a Public Hearing to adopt the 2023 Budget.

IV. LEGAL MATTERS

A. Discuss status of CRL Campaign Project progress. Discuss November 2022 Election.

B. Status of Reciprocal Agreement with Westridge Sanitation.

V. OPERATIONS MATTERS

A. Operations Monthly Report (enclosure).

1. _____

B. Engineer's Report (enclosure).

1. Status of 2022 Capital Improvements.

2. Consider final Pay Application to Insituform for the 2021 CIP (enclosure).

VI. OTHER BUSINESS

A. Metro Water Recovery Update (enclosures).

B. Website update.

VII. ADJOURNMENT **THE NEXT REGULAR MEETING IS SCHEDULED FOR
OCTOBER 26, 2022.**

**MINUTES OF A REGULAR MEETING OF
THE BOARD OF DIRECTORS OF THE
NORTHWEST LAKEWOOD SANITATION DISTRICT
AND THE BOARD OF DIRECTORS OF THE
WASTEWATER UTILITY ENTERPRISE
HELD
AUGUST 24, 2022**

In part due to COVID-19 concerns, the Regular Meeting of the Board of Directors of the Northwest Lakewood Sanitation District and the Board of Directors of its Wastewater Utility Enterprise (collectively referred to hereafter as “Board”) convened by Zoom video conference and teleconference call on Wednesday, August 24, 2022, at 4:00 PM. The Zoom Meeting and call-in information were listed in the meeting notice posted by the District, and the public was able to attend the meeting by telephone, if they so desired.

ATTENDANCE

Directors In Attendance Were:

Greg Fabisiak
Cici Kesler
Jim Zimmerman
Anthony M. Dursey
Clark Davenport

Also In Attendance Were:

Steve Beck; Special District Management Services, Inc.

Tim Flynn, Esq.; Collins Cole Flynn Winn & Ulmer, PLLC

Bill Willis; Martin/Martin Consulting Engineers

Wayne Ramey; Ramey Environmental Compliance

Walt Frankland

**ADMINISTRATIVE
MATTERS**

Minutes: The Board reviewed the minutes of the July 27, 2022 Regular Meeting.

Following discussion, upon motion duly made by Director Davenport, seconded by Director Kesler, and upon vote, unanimously carried, the minutes of the July 27, 2022, Regular Meeting were approved.

**PUBLIC
COMMENTS**

None.

RECORD OF PROCEEDINGS

FINANCIAL MATTERS

Claims: Mr. Beck reviewed the claims for July with the Board and noted that the invoice for Pay Application #7 and Change Order #7 from Insituform had been added. The revised claims discussed with the Board for the period ending August 31, 2022, are as follows:

General Fund	\$ 24,250.01
Enterprise Fund	<u>\$ 524,531.37</u>
Total	<u>\$ 548,781.38</u>

Following discussion, upon motion duly made by Director Davenport, seconded by Director Kesler and, upon vote, unanimously carried, the Board approved the payment of claims for the period ending August 31, 2022.

Unaudited Financial Statement: Mr. Beck reviewed with the Board the unaudited financial statements of the District setting forth the cash deposits, investments, and budget analysis, accounts payable vouchers for the month ending July 31, 2022, the schedule of cash position dated July 31, 2022, and the Accounts Receivable reports on collections of fees, the past due accounts and collection efforts.

Following discussion, upon motion duly made by Director Kesler, seconded by Director Davenport, and, upon vote, unanimously carried, the Board accepted the unaudited financial statements of the District setting forth the cash deposits, investments, budget analysis, accounts payable vouchers and accounts receivables reports for the period ending July 31, 2022, and the schedule of cash position dated July 31, 2022, as presented.

Director Dursey addressed the Board regarding the balances in the FirstBank Liquid Asset account and the ColoTrust account and made a recommendation that the Board consider investing in Treasury Bills that are paying at least 3% on one year bills.

Following discussion, upon motion duly made by Director Kesler, seconded by Director Dursey, and, upon vote, unanimously carried, the Board authorized Mr. Beck to work with Wells Fargo Bank to purchase \$4,000,000.00 in Treasury Bills with \$2,000,000.00 in funds from each of the two accounts.

LEGAL MATTERS

Discuss update to Rules & Regulations: Attorney Flynn reported that a review of the District's rules and regulations is ongoing, and that staff will keep the Board updated.

Status of Agreements to provide service to 11324 W. 38th Avenue: Attorney Flynn reported that he is revising the service agreement with Dr. Amy Osborne based on the corrected deed documents that have been provided.

Discuss Agreement with CRL Associates, Inc.: Mr. Beck reported that Mr. Sherman has been working on the campaign and was requesting a Special Meeting with the Board to discuss the progress and status of the campaign. Following discussion the

RECORD OF PROCEEDINGS

Board agreed to conduct a Special Meeting at 1:00 PM on Monday, August 29, 2022 by Zoom. Mr. Beck will get the meeting scheduled and all participants will be notified.

Status of Reciprocal Agreement with Westridge Sanitation: Attorney Flynn reported that dye tests had been performed and witnessed by Westridge and NWLSD staff and confirmed that nine (9) Westridge constituents were being serviced by NWLSD and that no NWLSD constituents were being serviced by Westridge. Attorney Flynn will be updating the agreement between the Districts and will provide the revised agreement to the Board for approval. Mr. Beck will confirm the billing for 2022 per the existing agreement and will bill Westridge in January in accordance with the updated agreement which will become effective January 1, 2023.

Discuss November 8, 2022 Election and consider the approval of the Intergovernmental Agreement For Election Coordination With Jefferson County: Attorney Flynn discussed with the Board the election and reviewed the IGA for the coordination of the election with Jefferson County. He reported that the Ballot Question would be provided in English and Spanish. Board members were advised that the deadline for submitting a Pro Statement for the TABOR Notice that goes out in connection with the election is September 23, 2022. This will be discussed at the Special Meeting on August 29, 2022.

Following discussion, upon motion duly made by Director Davenport, seconded by Director Kesler, and, upon vote, unanimously carried, the Board approved the Intergovernmental Agreement for Election Coordination with Jefferson County.

OPERATIONS MATTERS

Operations Monthly Report: Mr. Ramey reviewed the monthly report (July 1-31) with the Board. A copy of the report is attached hereto and incorporated herein by this reference.

Engineer's Report: Mr. Willis reviewed with the Board the engineering report dated August 25, 2022.

Mr. Willis discussed Pay App #7 and Change Order #7 netting out at \$440,973.18 from Insituform and noted that the project was now complete and that this was the final billing for the project. The final payment will be advertised and if no objections, the payment of the retainage in the amount of \$78,373.28 will be presented to the Board for approval at the September 28 meeting.

Following discussion, upon motion duly made by Director Davenport, seconded by Director Kesler, and, upon vote, unanimously carried, the Board approved Change Order #7.

Following discussion, upon motion duly made by Director Kesler, seconded by Director Davenport, and, upon vote, unanimously carried, the Board approved Pay Application #7 in the net amount of \$440,973.18.

RECORD OF PROCEEDINGS

Status of 2022 CIP: Mr. Willis discussed with the Board the 2022 CIP and said that a copy of the plan would be sent out to the Board within the next week. Category 2 repairs are estimated to cost around \$500K and Category 3 repairs are estimated to be about \$1.63M. Repairs to the interceptor shared with College Park are estimated to be about \$800K with the College Park share expected to be about \$490K. Mr. Willis and Mr. Beck will work together to include these costs in the 2023 budget.

OTHER BUSINESS **Metro Wastewater Update:** Director Davenport updated the Board on the board meetings for Metro Water Recovery District.

Website Update: Mr. Frankland reported that the website is updated and current and that there are no problems. He stated that he is working on the development of the new website platform is ready for review. It was noted that Mr. Sherman's office would have changes to recommend and these would be discussed at the Special Meeting on August 29.

ADJOURNMENT There being no further business to come before the Board at this time, upon motion duly made by Director Davenport, seconded by Director Kesler and, upon vote, unanimously carried, the meeting was adjourned.

Respectfully submitted,

By _____
Secretary for the Meeting

**MINUTES OF A SPECIAL MEETING OF
THE BOARD OF DIRECTORS OF THE
NORTHWEST LAKEWOOD SANITATION DISTRICT
AND THE BOARD OF DIRECTORS OF THE
WASTEWATER UTILITY ENTERPRISE
HELD
AUGUST 29, 2022**

In part due to COVID-19 concerns, the Special Meeting of the Board of Directors of the Northwest Lakewood Sanitation District and the Board of Directors of its Wastewater Utility Enterprise (collectively referred to hereafter as “Board”) was convened by Zoom video conference and teleconference call on Monday August 29, 2022 at 1:00 PM. The Zoom Meeting and call-in information were listed in the meeting notice posted by the District, and the public was able to attend the meeting by telephone, if they so desired.

ATTENDANCE

Directors In Attendance Were:

Gregory A. “Greg” Fabisiak
Cici Kesler
Jim Zimmerman

Following discussion, upon motion duly made by Director Kesler, seconded by Director Zimmerman, and upon vote, unanimously carried, the absence of Director’s Dursey and Davenport were excused.

Also In Attendance Were:

Steve Beck; Special District Management Services, Inc.

Bill Willis; Martin/Martin

Roger Sherman; CRL & Associates

**ADMINISTRATIVE
MATTERS**

None.

**PUBLIC
COMMENTS**

None.

**LEGAL
MATTERS**

Discuss November Election Education Campaign: Mr. Sherman discussed with the Board the progress being made on the website and information being prepared for the education campaign. This information will be used to develop an education and public outreach program for the District constituents. The next meeting will be held on Wednesday September 7, 2022 at 1:00 PM at the offices of Martin/Martin.

RECORD OF PROCEEDINGS

ADJOURNMENT

There being no further business to come before the Board at this time, upon motion duly made by Director Kesler, seconded by Director Zimmerman and, upon vote, unanimously carried, the meeting was adjourned.

Respectfully submitted,

By _____
Secretary for the Meeting

**MINUTES OF A SPECIAL MEETING OF
THE BOARD OF DIRECTORS OF THE
NORTHWEST LAKEWOOD SANITATION DISTRICT
AND THE BOARD OF DIRECTORS OF THE
WASTEWATER UTILITY ENTERPRISE
HELD
SEPTEMBER 7, 2022**

In part due to COVID-19 concerns, the Special Meeting of the Board of Directors of the Northwest Lakewood Sanitation District and the Board of Directors of its Wastewater Utility Enterprise (collectively referred to hereafter as “Board”) was convened at Martin/Martin and by Teams video conference and teleconference call on Wednesday September 7, 2022 at 1:00 PM. The Teams Meeting and call-in information were listed in the meeting notice posted by the District, and the public was able to attend the meeting in person or by telephone, if they so desired.

ATTENDANCE

Directors In Attendance Were:

Gregory A. “Greg” Fabisiak
Jim Zimmerman
Clark Davenport

Following discussion, upon motion duly made by Director Davenport, seconded by Director Zimmerman, and upon vote, unanimously carried, the absence of Director’s Dursey and Kesler were excused.

Also In Attendance Were:

Steve Beck; Special District Management Services, Inc.

Tim Flynn; Collins, Cole, Flynn, Winn and Ulmer

Bill Willis; Martin/Martin

Roger Sherman; CRL & Associates

**ADMINISTRATIVE
MATTERS**

None.

**PUBLIC
COMMENTS**

None.

**LEGAL
MATTERS**

Discuss November Election Education Campaign: Mr. Sherman discussed with the Board the progress being made on the website and information being prepared for the education campaign. This information will be used to develop an education and public outreach program for the District constituents. The next meeting will be held on Wednesday September 28, 2022 at 4:00 PM by Zoom Meeting.

RECORD OF PROCEEDINGS

ADJOURNMENT

There being no further business to come before the Board at this time, upon motion duly made by Director Davenport, seconded by Director Zimmerman and, upon vote, unanimously carried, the meeting was adjourned.

Respectfully submitted,

By _____
Secretary for the Meeting

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total
2602						
09/13/2022	Andrew Wassmann	09132022	Transfer Service Fee	4-570	100.00	100.00
Total 2602:						100.00
2603						
09/13/2022	Anna Irene Jones Trust	09122022	Transfer Service Fee	4-570	150.00	150.00
Total 2603:						150.00
2604						
09/13/2022	Charlie Wright & Lindsay Gronin	09122022	Transfer Service Fee	4-570	100.00	100.00
Total 2604:						100.00
2605						
09/13/2022	Collins Cole Flynn Winn & Ulmer,	2322	Legal	1-675	6,991.50	6,991.50
Total 2605:						6,991.50
2606						
09/13/2022	Consolidated Mutual Water Co	31740-01 09/2022	Utilities	4-765	23.40	23.40
09/13/2022	Consolidated Mutual Water Co	7154	Repairs & Maintenance-L	4-740	500.00	500.00
09/13/2022	Consolidated Mutual Water Co	7204	Repairs & Maintenance-L	4-740	470.00	470.00
Total 2606:						993.40
2607						
09/13/2022	CRL Associates	33126	Consultant	1-619	10,000.00	10,000.00
Total 2607:						10,000.00
2608						
09/13/2022	DeAndrea Living Trust	091222	Transfer Service Fee	4-570	100.00	100.00
Total 2608:						100.00
2609						
09/13/2022	Frankland, Walter	SEPT. 2022	Website	1-677	100.00	100.00
Total 2609:						100.00
2610						
09/13/2022	Insituform Technologies USA LL	RETAINAGE 09/202	Retainage	4-318	78,373.28	78,373.28
Total 2610:						78,373.28
2611						
09/13/2022	Joseph & Allison Baker	09122022	Transfer Service Fee	4-570	50.00	50.00
Total 2611:						50.00
2612						
09/13/2022	Martin/Martin	17.0638-00219	Sewer Lines/Eng./Observ.	4-810	3,721.88	3,721.88
09/13/2022	Martin/Martin	17.0638-00220	2022 CIP	4-884	1,500.00	1,500.00
09/13/2022	Martin/Martin	17.0638-00221	Sewer Lines/Eng./Observ.	4-810	4,262.50	4,262.50
09/13/2022	Martin/Martin	17.0638-00223	2021 CIP	4-883	5,795.00	5,795.00

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total
Total 2612:						<u>15,279.38</u>
2613						
09/13/2022	Ramey Enviromental Compliance	24428	COS-Locates	4-742	6,152.57	6,152.57
09/13/2022	Ramey Enviromental Compliance	24428	COS-Collection System	4-746	9,568.78	9,568.78
09/13/2022	Ramey Enviromental Compliance	24428	COS-Emergency Service	4-748	383.55	383.55
09/13/2022	Ramey Enviromental Compliance	24428	COS-Maintenance	4-749	27,338.62	27,338.62
Total 2613:						<u>43,443.52</u>
2614						
09/13/2022	Richard Kellogg	09122022	Transfer Service Fee	4-570	50.00	50.00
Total 2614:						<u>50.00</u>
2615						
09/13/2022	Robert Wilson	09132022	Transfer Service Fee	4-570	65.00	65.00
Total 2615:						<u>65.00</u>
2616						
09/13/2022	Special Dist Management Serv	08/2022	Office Supplies	1-690	190.39	190.39
09/13/2022	Special Dist Management Serv	08/2022	Election and Publication	1-635	1,613.20	1,613.20
09/13/2022	Special Dist Management Serv	08/2022	Accounting	1-612	5,032.00	5,032.00
09/13/2022	Special Dist Management Serv	08/2022	Administration	1-614	4,262.40	4,262.40
09/13/2022	Special Dist Management Serv	08/2022	Billing	1-616	4,311.60	4,311.60
Total 2616:						<u>15,409.59</u>
2617						
09/13/2022	UNCC	222081006	Repairs & Maintenance-L	4-740	313.30	313.30
Total 2617:						<u>313.30</u>
Grand Totals:						<u><u>171,518.97</u></u>

Northwest Lakewood Sanitation District
September-22

	General	Enterprise	Totals
Disbursements	\$ 32,501.09	\$ 139,017.88	\$ 171,518.97
Payroll			\$ -
			\$ -
Payroll Taxes (Quarterly)	\$ -		\$ -
Direct Pay -- Consolidated Mutual Water	\$ -		\$ -
Total Disbursements from Checking Account	\$ 32,501.09	\$ 139,017.88	\$ 171,518.97

NORTHWEST LAKEWOOD SANITATION DISTRICT
Schedule of Cash Position
August 31, 2022

	<u>Rate</u>	<u>Operating</u>	<u>Enterprise</u>	<u>Total</u>
Checking:				
Checking Acct 1st Bank		\$ 925.60	\$ 14,876.01	\$ 15,801.61
Investments:				
Cash in Bank-ColoTrust	2.2489%	1,369,939.82	3,865,498.07	5,235,437.89
1st Bank Liquid Asset Account	0.0500%	60.60	3,928,637.85	3,928,698.45
Xpress Bill Pay		-	44,245.00	44,245.00
TOTAL FUNDS:		<u>\$ 1,370,926.02</u>	<u>\$ 7,853,256.93</u>	<u>\$ 9,224,182.95</u>

2022 Mill Levy Information

Certified General Fund Mill Levy	7.696
Refunds/Abatements	0.011
Temporary Mill Levy Reduction	<u>-2.046</u>
Total Certified Mill Levy	<u>5.661</u>

Board of Directors

- * Anthony Dursey
- * Gregory Fabisiak
- * James Zimmerman
- * Catherine Kesler
- George Clark Davenport

* Authorized signer on the Checking Account

NORTHWEST LAKEWOOD SANITATION DISTRICT

FINANCIAL STATEMENTS

August 31, 2022

NORTHWEST LAKEWOOD SANITATION DISTRICT
 COMBINED BALANCE SHEET - ALL FUND TYPES AND ACCOUNT GROUPS
 August 31, 2022

	<u>GENERAL</u>	<u>ENTERPRISE</u>	<u>TOTAL</u>
Assets			
Checking Acct 1st Bank	\$ 925.60	\$ 14,876.01	\$ 15,801.61
1st Bank Liquid Asset Account	60.60	3,928,637.85	3,928,698.45
Xpress Bill Pay	-	44,245.00	44,245.00
Cash in Bank-ColoTrust	1,369,939.82	3,865,498.07	5,235,437.89
Property Taxes Receivable	2,506.18	-	2,506.18
Accounts Receivable-Commercial	-	1,136.73	1,136.73
Accounts Rec-Fac Renovtion Fee	-	119,801.17	119,801.17
A/R Fee Cert to Cty Treasurer	-	23,673.00	23,673.00
Account Rec-Grease Trap Insp	-	895.00	895.00
Prepaid Expenditures	9,831.32	-	9,831.32
Total Current Assets	<u>1,383,263.52</u>	<u>7,998,762.83</u>	<u>9,382,026.35</u>
Capital Assets			
Land	-	7,584.33	7,584.33
Sewer Lines	-	15,946,084.72	15,946,084.72
Accumulated Depreciation	-	(5,036,441.57)	(5,036,441.57)
Construction in Progress	-	-	-
Total Capital Assets	<u>-</u>	<u>10,917,227.48</u>	<u>10,917,227.48</u>
Total Assets	<u>\$ 1,383,263.52</u>	<u>\$ 18,915,990.31</u>	<u>\$ 20,299,253.83</u>
Liabilities			
Accounts Payable	\$ 32,501.09	\$ 139,017.88	\$ 171,518.97
Payroll Liabilities	596.70	-	596.70
Expense Reimbursement Deposit	16,592.63	-	16,592.63
Retainage	-	-	-
2021 Encumbrances Payable	-	-	-
Total Liabilities	<u>49,690.42</u>	<u>139,017.88</u>	<u>188,708.30</u>
Deferred Inflows of Resources			
Deferred Property Taxes	2,506.18	-	2,506.18
Total Deferred Inflows of Resources	<u>2,506.18</u>	<u>-</u>	<u>2,506.18</u>
Fund Balance			
Contributed Capital-Sewer Line	-	6,250,713.25	6,250,713.25
Contributed Capital-Inclusions	-	1,752,454.13	1,752,454.13
Fund Balance	768,486.06	10,966,654.02	11,735,140.08
Fund Balance-Restricted	42,100.00	-	42,100.00
Current Year Earnings	520,480.86	(192,848.97)	327,631.89
Total Fund Balances	<u>1,331,066.92</u>	<u>18,776,972.43</u>	<u>20,108,039.35</u>
Total Liabilities, Deferred Inflows of Resources and Fund Balance	<u>\$ 1,383,263.52</u>	<u>\$ 18,915,990.31</u>	<u>\$ 20,299,253.83</u>

NORTHWEST LAKEWOOD SANITATION DISTRICT
Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual
For the 8 Months Ending,
August 31, 2022
General Fund

<u>Account Description</u>	<u>Period Actual</u>	<u>YTD Actual</u>	<u>Budget</u>	<u>Under/(Over)</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>
Revenues					
Property Tax	\$ 20,938.68	\$ 1,530,183.88	\$ 1,537,826.00	\$ 7,642.12	99.5%
Specific Ownership Tax	8,706.21	60,542.28	108,000.00	47,457.72	56.1%
Interest & Misc. Income	8,242.20	21,321.05	12,000.00	(9,321.05)	177.7%
Total Revenues	<u>37,887.09</u>	<u>1,612,047.21</u>	<u>1,657,826.00</u>	<u>45,778.79</u>	<u>97.2%</u>
Expenditures					
Accounting	5,032.00	24,908.40	30,000.00	5,091.60	83.0%
Administration	4,262.40	51,104.40	48,000.00	(3,104.40)	106.5%
Audit	-	-	6,500.00	6,500.00	0.0%
Billing	4,311.60	25,679.17	32,000.00	6,320.83	80.2%
Bank Charges	4.90	19.90	120.00	100.10	16.6%
Consultant	10,000.00	15,000.00	-	(15,000.00)	0.0%
Director's Fees	-	3,900.00	6,000.00	2,100.00	65.0%
Dues & Subscriptions	-	1,237.50	1,250.00	12.50	99.0%
Election and Publication	1,613.20	2,195.16	25,000.00	22,804.84	8.8%
Insurance and Bonds	3,162.83	20,622.68	45,000.00	24,377.32	45.8%
Legal	6,991.50	34,156.50	48,000.00	13,843.50	71.2%
Website	100.00	800.00	2,000.00	1,200.00	40.0%
Miscellaneous Expenses	-	-	1,000.00	1,000.00	0.0%
Office Supplies	190.39	1,373.00	5,000.00	3,627.00	27.5%
Payroll Taxes-Directors	-	298.35	459.00	160.65	65.0%
Treasurer's Fees	318.38	22,846.54	23,067.00	220.46	99.0%
Treatment Charges	-	887,424.75	1,183,233.00	295,808.25	75.0%
Engineering	-	-	60,000.00	60,000.00	0.0%
Utilities	-	-	4,000.00	4,000.00	0.0%
Contingency	-	-	150,000.00	150,000.00	0.0%
Emergency Reserve	-	-	49,735.00	49,735.00	0.0%
Total Expenditures	<u>35,987.20</u>	<u>1,091,566.35</u>	<u>1,720,364.00</u>	<u>628,797.65</u>	<u>63.4%</u>
Transfers and Other Sources (Uses)					
Transfer to Enterprise Fund	-	-	-	-	
Total Transfers and Other Sources (Uses)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
Change in Fund Balance	1,899.89	520,480.86	(62,538.00)	(583,018.86)	
Beginning Fund Balance	1,329,167.03	810,586.06	870,415.00	59,828.94	
Ending Fund Balance	<u>\$ 1,331,066.92</u>	<u>\$ 1,331,066.92</u>	<u>\$ 807,877.00</u>	<u>\$ (523,189.92)</u>	

NORTHWEST LAKEWOOD SANITATION DISTRICT
Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual
For the 8 Months Ending,
August 31, 2022
Enterprise Fund

<u>Account Description</u>	<u>Period Actual</u>	<u>YTD Actual</u>	<u>Budget</u>	<u>Under/(Over)</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>
Revenues					
Service Agreement-Westridge	\$ -	\$ -	\$ 2,350.00	\$ 2,350.00	0.0%
Service Agreement-Applewood	-	-	8,000.00	8,000.00	0.0%
Treatment Chgs-College Park	-	104,716.12	209,432.00	104,715.88	50.0%
Facilities Renovation Fees	11,153.33	1,677,410.09	2,250,000.00	572,589.91	74.6%
Service Fees-Commercial	(15.00)	27,940.84	-	(27,940.84)	0.0%
Tap Fees	-	9,420.00	38,000.00	28,580.00	24.8%
Grease Trap Inspection	150.00	5,005.00	12,000.00	6,995.00	41.7%
Interest Income	8,479.81	24,725.74	4,000.00	(20,725.74)	618.1%
Transfer Service Fee	685.00	2,240.00	6,000.00	3,760.00	37.3%
Inspection Fees	450.00	2,400.00	6,000.00	3,600.00	40.0%
Permit Fees	200.00	425.00	400.00	(25.00)	106.3%
Denver Water Service Agreement	-	-	37,000.00	37,000.00	0.0%
Transfer from General Fund	-	-	-	-	0.0%
Total Revenues	21,103.14	1,854,282.79	2,573,182.00	718,899.21	72.1%
Expenditures					
Administrative					
Billing	1,939.45	14,136.20	24,000.00	9,863.80	58.9%
Legal	-	-	750.00	750.00	0.0%
Miscellaneous Expenses	-	-	500.00	500.00	0.0%
Treasurer's Fees	-	-	450.00	450.00	0.0%
Total Administrative	1,939.45	14,136.20	25,700.00	11,563.80	55.0%
Operations and Maintenance					
Treatment Charges-Westridge	-	-	16,500.00	16,500.00	0.0%
Tap Fees-Metro's Portion	-	4,710.00	18,500.00	13,790.00	25.5%
Repairs & Maintenance-Lines	1,283.30	37,597.80	10,000.00	(27,597.80)	376.0%
COS-Grease Trap	-	-	9,500.00	9,500.00	0.0%
COS-Locates	6,152.57	52,889.07	60,000.00	7,110.93	88.1%
COS-Collection System Oversight	9,568.78	64,700.52	95,000.00	30,299.48	68.1%
COS-Daily Operations	-	-	16,000.00	16,000.00	0.0%
COS-Emergency Service	383.55	3,068.40	12,000.00	8,931.60	25.6%
COS-Maintenance	27,338.62	92,609.07	175,000.00	82,390.93	52.9%
Utilities	23.40	209.90	250.00	40.10	84.0%
Total Operations and Maintenance	44,750.22	255,784.76	412,750.00	156,965.24	62.0%
Capital Outlay					
Sewer Lines/Eng./Observ.	7,984.38	48,409.27	400,000.00	351,590.73	12.1%
2020 CIP	-	-	-	-	0.0%
2021 CIP	469,977.29	1,599,196.03	-	(1,599,196.03)	0.0%
2022 CIP	1,500.00	129,605.50	2,100,000.00	1,970,394.50	6.2%
Total Capital	479,461.67	1,777,210.80	2,500,000.00	722,789.20	71.1%
Total Expenditures	526,151.34	2,047,131.76	2,938,450.00	891,318.24	69.7%
Excess (Deficiency) of Revenues Over Expenditures	(505,048.20)	(192,848.97)	(365,268.00)	(172,419.03)	
Beginning Fund Balance	11,278,853.25	10,966,654.02	6,070,313.00	(4,896,341.02)	
Ending Fund Balance	\$ 10,773,805.05	\$ 10,773,805.05	\$ 5,705,045.00	\$ (5,068,760.05)	

FBI

Customer Number	Name	Balance	08/31/2022	07/31/2022	06/30/2022	05/31/2022	Last Pmt Date	Last Pmt Amount	Msg	Final Bill Date
23250.02	Wood, Johnny & Alexa	230.00	.19-	.00	100.00	130.19	01/06/22	100.00-		
21500.01	Wood, Richard A	525.00	15.00	.00	100.00	410.00	10/13/21	200.00-		
27800.03	Wooley, Marcia and Ro	100.00-	100.00-	.00	.00	.00	08/10/22	100.00-	Final	08/03/22
12890.01	Wrenfrow, Betty	345.00	15.00	.00	100.00	230.00	11/04/21	100.00-		
1310.02	Yach, Michael & Cat	75.00-	75.00-	.00	.00	.00	08/02/22	75.00-		
7260.01	Yamasaki, Jane	115.00	15.00	.00	100.00	.00	05/07/22	100.00-		
34680.03	Yevara, Luis	460.00	15.00	.00	100.00	345.00		.00		
14960.01	Yoh, Ina	230.00	15.00	.00	100.00	115.00	02/17/22	345.00-		
4160.01	Young, Carol D	100.00-	100.00-	.00	.00	.00	01/19/22	400.00-		
29800.01	Young, Don	15.00	.00	.00	15.00	.00	07/21/22	100.00-		
26140.01	Young, Scott J	180.00	15.00	.00	100.00	65.00	08/02/22	100.00-		
38580.01	Youngfield Park Holding	200.00-	200.00-	.00	.00	.00	07/20/22	450.00-		
36890.01	Youngfield Park Holding	230.00	15.00	.00	215.00	.00	07/20/22	1,100.00-		
38390.01	Zamboni, Floyd F	100.00-	100.00-	.00	.00	.00	01/19/22	400.00-		
8400.03	Zarlengo, Michael and	115.00	15.00	.00	100.00	.00	04/13/22	815.00-		
6250.01	Zimmerman, James D	100.00-	100.00-	.00	.00	.00	02/03/22	400.00-		
1820.02	Zustak, Frederick & Chri	115.00	15.00	.00	100.00	.00	05/05/22	100.00-		
Total None:		106,961.17	21,322.81-	330.00	44,983.29	82,970.69				
Grand Totals:		119,801.17	22,777.81-	330.00	48,048.29	94,200.69				

COMMERCIAL

Report Criteria:

- Include inactive customers
- Include active customers
- Include customers with a credit balance
- Aged using billing periods
- Customer.Customer number = 8001001-9000000

Customer Number	Name	Balance	08/31/2022	07/31/2022	06/30/2022	05/31/2022	Last Pmt Date	Last Pmt Amount	Msg	Final Bill Date
None										
80210.02	2201 Management LLC	98.08-	98.08-	.00	.00	.00	04/12/22	98.08-		
80940.01	Abrusci's Fire and Wine	15.00-	30.00-	.00	.00	15.00	04/08/22	298.43-		
80500.01	Applewood Swim & Ten	430.30	.00	.00	.00	430.30	08/02/21	2,700.00-		
80460.01	Apro LLC dba United P	1,108.27-	1,108.27-	.00	.00	.00	04/28/22	1,108.27-		
80820.01	Atria Applewood Senior	1,716.29	49.50-	.00	.00	1,765.79	01/12/21	525.39-		
80830.01	Bink M Company LLC	15.00-	15.00-	.00	.00	.00	04/19/22	543.21-		
81000.01	Chill's	1,910.95	15.00	.00	.00	1,895.95		.00		
80090.01	Family Assisted Living	505.31-	1,198.99-	.00	.00	693.68	08/01/19	305.00-		
80270.01	Jefferson County Schoo	129.76	.00	.00	.00	129.76	09/24/14	9.52-		
80560.01	La Quinta Inn's Inc. #63	1,328.95-	1,328.95-	.00	.00	.00	04/12/22	1,328.95-		
80900.01	M&T Properties Jellison	15.00-	15.00-	.00	.00	.00	05/26/22	71.89-		
80840.01	Newton C Jennings Livi	93.17-	93.17-	.00	.00	.00	05/02/22	93.17-		
80430.01	Palo Alto Inc - Taco Bell	375.15-	375.15-	.00	.00	.00	04/27/22	375.15-		
80020.01	Youngfield Cleaners	533.36	124.86-	.00	.00	658.22	04/18/19	86.42-		
Total None:		<u>1,166.73</u>	<u>4,421.97-</u>	<u>.00</u>	<u>.00</u>	<u>5,588.70</u>				
Grand Totals:		<u>1,166.73</u>	<u>4,421.97-</u>	<u>.00</u>	<u>.00</u>	<u>5,588.70</u>				

GREASE TRAPS

Report Criteria:

- Include inactive customers
- Include active customers
- Include customers with a credit balance
- Aged using billing periods
- Customer.Customer number = 9000001-9899999

Customer Number	Name	Balance	08/31/2022	07/31/2022	06/30/2022	05/31/2022	Last Pmt Date	Last Pmt Amount	Msg	Final Bill Date
None										
90030.01	Chili's	1,235.00-	1,235.00-	.00	.00	.00	09/24/21	845.00-		
90060.01	Davie's Chuck Wagon D	130.00	15.00-	.00	.00	145.00	04/13/21	200.00-		
90100.01	KPS LLC	430.00	.00	.00	.00	430.00	07/22/22	200.00-		
90110.01	KPS LLC	630.00	185.00-	.00	.00	815.00	06/30/20	100.00-		
90200.01	Mountain Tap Bar & Gril	100.00	15.00-	.00	.00	115.00	02/23/22	215.00-		
90210.01	Noodles and Company	15.00-	15.00-	.00	.00	.00	04/15/22	115.00-		
90230.01	Pizza Hut/Wing Street	115.00	.00	.00	.00	115.00	02/04/21	100.00-		
90260.01	Senor Burritos	15.00	.00	.00	.00	15.00	06/03/22	100.00-		
90270.01	Smashburger	115.00	.00	.00	.00	115.00	04/27/22	115.00-		
90310.01	Tafolino's Mexican Rest	330.00	115.00-	.00	.00	445.00	10/12/21	715.00-		
90320.01	Teller's Taproom & Kitch	200.00-	200.00-	.00	.00	.00	03/31/22	315.00-		
90370.01	Uncle Julio's Corporatio	330.00	.00	.00	.00	330.00	09/08/21	300.00-		
90380.01	Walden, Jesse and Krist	150.00	150.00	.00	.00	.00	09/09/22	100.00-	Final	08/02/22
Total None:		<u>895.00</u>	<u>1,630.00-</u>	<u>.00</u>	<u>.00</u>	<u>2,525.00</u>				
Grand Totals:		<u>895.00</u>	<u>1,630.00-</u>	<u>.00</u>	<u>.00</u>	<u>2,525.00</u>				

ACCOUNTS WITH BALANCES >\$500.00
 Northwest Lakewood Sanitation District
 Sep 12, 2022 1:03PM

CustomerNumber	Name	Balance	08/31/2022	07/31/2022	06/30/2022	05/31/2022
2150001.	Wood, Richard A	525.00	15.00	.00	100.00	410.00
8002001.	Youngfield Cleaners	533.36	124.86-	.00	.00	658.22
2280002.	Goodsie, Brittany and Geoffrey	560.00	15.00	.00	100.00	445.00
1816003.	Peak Gardens Assisted Living	560.00	15.00	.00	100.00	445.00
1230002.	Saueressig, Chuck	560.00	15.00	.00	100.00	445.00
2091001.	Downing, Kevin J	575.00	15.00	.00	100.00	460.00
2015002.	Amato Family Trust, Frank C	575.00	15.00	.00	100.00	460.00
60003.	Dirksen, Thomas Turse and Maribeth	575.00	15.00	.00	100.00	460.00
3901001.	Elkin, Donald	575.00	15.00	.00	100.00	460.00
1269002.	Foster, Michael	575.00	15.00	.00	100.00	460.00
2276001.	Grigsby, Dorothy B.	575.00	15.00	.00	100.00	460.00
3788002.	Hardi, Shannon	575.00	15.00	.00	100.00	460.00
561002.	Hume, Bryan and Amanda	575.00	15.00	.00	100.00	460.00
3437004.	JDI Contractor and Supply Inc	575.00	15.00	.00	100.00	460.00
3818002.	Kunz, Terry and Nancy	575.00	15.00	.00	100.00	460.00
1238003.	Lamson, Bethany	575.00	15.00	.00	100.00	460.00
2289001.	Lodwig, Kern S. & Wendi	575.00	15.00	.00	100.00	460.00
433002.	Rainalter, William & Lindsie	575.00	15.00	.00	100.00	460.00
2533003.	Richardson, Joshua & Brittany	575.00	15.00	.00	100.00	460.00
3736001.	Roberts, James & Karen	575.00	15.00	.00	100.00	460.00
3491003.	Schmitz, Luke and Kristen	575.00	15.00	.00	100.00	460.00
3124003.	Stano, Damon	575.00	15.00	.00	100.00	460.00
874002.	Steph Schooley & Paul Denning	575.00	15.00	.00	100.00	460.00
3434002.	Voss, Matthew	575.00	15.00	.00	100.00	460.00
4123004.	Eight Jellison Properties LLC	615.00	15.00	.00	190.00	410.00
3556002.	Malik, Norman and Amy	625.00	15.00	.00	100.00	510.00
1122003.	Perozzi, Dante and Daniel	625.00	15.00	.00	100.00	510.00
9011001.	KPS LLC	630.00	185.00-	.00	.00	815.00
1408002.	Bonn, Kenlyn	660.00	245.00-	.00	100.00	805.00
1203001.	Buckendahl, Shawn & Tamara	675.00	15.00	.00	100.00	560.00
2687001.	Dewys, Mark	675.00	15.00	.00	100.00	560.00
770001.	Dokken, Joni	675.00	145.00-	.00	100.00	720.00
3174001.	Herrera, Michael & Catherine	675.00	15.00	.00	100.00	560.00
1263001.	Johnson, Marcia	675.00	145.00-	.00	100.00	720.00
1477001.	Kanger, Ryan	675.00	15.00	.00	100.00	560.00
2936001.	Mishkin, Marc P	675.00	15.00	.00	100.00	560.00
435001.	O'Brien, Daniel	675.00	145.00-	.00	100.00	720.00
4124001.	O'Leary, Adrian & Erika	675.00	15.00	.00	100.00	560.00
3778001.	Payea II, Norman	675.00	145.00-	.00	100.00	720.00
2172001.	Skwarek, Leszek & Elizabeth	675.00	15.00	.00	100.00	560.00

2909002. Apicella, Candice	675.00	145.00-	.00	100.00	720.00
495002. Battaglia, Paul and Catherine	675.00	15.00	.00	100.00	560.00
1945002. Belk, Brett Habersick & Denise	675.00	15.00	.00	100.00	560.00
2126003. Bougher, Joseph	675.00	15.00	.00	100.00	560.00
804001. Campbell, Beau Allen	675.00	15.00	.00	100.00	560.00
2904002. Cromwell, James and Anna	675.00	15.00	.00	100.00	560.00
2080001. Culter, Chad	675.00	15.00	.00	100.00	560.00
2396001. Daley Residuary Trust, Lisa	675.00	145.00-	.00	100.00	720.00
1057002. Deane, Randall and Debra	675.00	15.00	.00	100.00	560.00
1834001. DeRose, Louis & Susan	675.00	15.00	.00	100.00	560.00
1012001. Diegel, Siegfried & Annette	675.00	145.00-	.00	100.00	720.00
1896005. El Merendero LLC	675.00	145.00-	.00	100.00	720.00
941003. Espinosa, Edward	675.00	15.00	.00	100.00	560.00
1297001. Farmer, Colleen M	675.00	145.00-	.00	100.00	720.00
3845001. Garrett, Doug Lemons & Geneva	675.00	15.00	.00	100.00	560.00
2060001. Hanne, Albert W	675.00	15.00	.00	100.00	560.00
1969001. Hillsten, Timothy W	675.00	15.00	.00	100.00	560.00
3728001. Hollis, Larry D	675.00	65.00-	.00	100.00	640.00
1075001. Horton, Michelle	675.00	45.00-	.00	100.00	620.00
39001. Johnson, Dorothy	675.00	15.00	.00	100.00	560.00
1918001. Jones, Dale A	675.00	15.00	.00	100.00	560.00
2410001. Jones, Dale A	675.00	15.00	.00	100.00	560.00
401001. Jones, Rodney M	675.00	15.00	.00	100.00	560.00
1216001. Kerzon, Paula	675.00	15.00	.00	100.00	560.00
2800003. Knapp, Caine	675.00	15.00	.00	100.00	560.00
2579002. Linn-Jeffrey, Sharon	675.00	15.00	.00	100.00	560.00
190002. Mackey, John Joseph	675.00	15.00	.00	100.00	560.00
3245001. Marks, Curtis	675.00	235.00-	.00	100.00	810.00
1136001. McKay, Troy & Jesse	675.00	145.00-	.00	100.00	720.00
3791002. Messick, Beulah	675.00	15.00	.00	100.00	560.00
3567001. Moisey Sr., Eugene A	675.00	15.00	.00	100.00	560.00
3631003. Moore, Kenneth Christopher & Kelsi	675.00	235.00-	.00	100.00	810.00
1331001. Nestor, Irene A	675.00	145.00-	.00	100.00	720.00
3864001. Pfenneberger, Dolly	675.00	245.00-	.00	100.00	820.00
1073001. Pine, Lance & Nicki	675.00	15.00	.00	100.00	560.00
1634002. Polanco, Scott Streeb and Danilda	675.00	15.00	.00	100.00	560.00
3816002. Pomponio, Annie L	675.00	15.00	.00	100.00	560.00
2077001. Ruxton Jr, Jerold N	675.00	15.00	.00	100.00	560.00
1166003. Sanders, Maggie	675.00	145.00-	.00	100.00	720.00
440001. Senger, David	675.00	15.00	.00	100.00	560.00
3020001. Skrbina, Cassidy	675.00	145.00-	.00	100.00	720.00
8115002. Skulavik, Jarrod	675.00	15.00	.00	100.00	560.00
2580001. Storm, Russell Scott	675.00	145.00-	.00	100.00	720.00
3016002. Taber, Britney Helmers & Ben	675.00	15.00	.00	100.00	560.00
2115001. The Richard & Cathy Page Revokable Trust	675.00	15.00	.00	100.00	560.00
2565001. TOD Properties	675.00	235.00-	.00	100.00	810.00

2959001. Tompkins, Beverly	675.00	15.00	.00	100.00	560.00
18002. Walker, David & Elizabeth	675.00	15.00	.00	100.00	560.00
2972003. Wells, Jonathan	675.00	15.00	.00	100.00	560.00
4080001. Adobe Properties LLC	695.00	15.00	.00	190.00	490.00
4086001. Volzke, Carolyn	725.00	15.00	.00	190.00	520.00
1505001. 4717 Jason LLC	775.00	15.00	.00	100.00	660.00
998002. Allen, Trevor	775.00	155.00-	.00	100.00	830.00
1656003. Bagherdaei, Cameron Hoffman and Ailar	775.00	15.00	.00	100.00	660.00
3220003. Burrow, Graham and Sarah	775.00	15.00	.00	100.00	660.00
388001. Carlisle, Jason and Kelly	775.00	15.00	.00	100.00	660.00
2793002. Conard, Warren	775.00	155.00-	.00	100.00	830.00
2795001. Diegel, Kurt C	775.00	15.00	.00	100.00	660.00
636003. Jorgensen, Kirk and Megan	775.00	15.00	.00	100.00	660.00
3287002. Laventure, Michael	775.00	15.00	.00	100.00	660.00
1300002. McCaslin, Jordan and Jocelyn	775.00	15.00	.00	100.00	660.00
2118001. Mullen, Tim and Teresa	775.00	245.00-	.00	100.00	920.00
1283001. Noller, Benny L. & Erin M	775.00	15.00	.00	100.00	660.00
111003. Reyes, Brady Balls & Jillarae	775.00	15.00	.00	100.00	660.00
513001. Seeton, James	775.00	15.00	.00	100.00	660.00
264001. Strong, Rosemary	775.00	15.00	.00	100.00	660.00
3863003. Wagner, Ryan	775.00	15.00	.00	100.00	660.00
4220003. Radek, Scott & Tracey	820.00	15.00	.00	190.00	615.00
424001. Haschenburger, Roy & Karen	830.00	15.00	.00	100.00	715.00
4108002. Wadsworth, James Harley	915.00	15.00	.00	190.00	710.00
2152002. Seto, Michelle	1,175.00	15.00	.00	100.00	1,060.00
8082001. Atria Applewood Senior Living	1,716.29	49.50-	.00	.00	1,765.79
8100001. Chili's	1,910.95	15.00	.00	.00	1,895.95
TOTAL PAST DUE >\$500.00	78,505.60	2,959.36-	.00	11,350.00	70,114.96



SCHILLING & COMPANY, INC.

Certified Public Accountants

P.O. Box 631579
HIGHLANDS RANCH, CO 80163

PHONE: 720.348.1086
FAX: 720.348.2920

September 28, 2022

To the Board of Directors
Northwest Lakewood Sanitation District
Jefferson County, Colorado

We have audited the basic financial statements of the Northwest Lakewood Sanitation District (District) for the year ended December 31, 2021 and have issued our report thereon dated September 28, 2022. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our engagement letter dated November 19, 2021. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the District are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2021.

We noted no transactions entered into by the District during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events.

Certain accounting estimates are particularly sensitive because of their significance to financial statements and because the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the District's financial statements was (were):

- Depreciable lives of capital assets

The disclosures in the financial statements are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing the audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. The uncorrected misstatements or the matters underlying them could potentially cause future period financial statements to be materially misstated, even though, in our judgment, such uncorrected misstatements are immaterial to the financial statements under audit.

The attached Exhibit I of material misstatements detected as a result of audit procedures were corrected by management.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated September 28, 2022.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the District's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the District's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on supplementary information (as listed in the table of contents to the basic financial statements), which accompanies the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

We were not engaged to report on other information (as listed in the table of contents to the basic financial statements), which accompanies the financial statements but is not RSI. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Restriction on Use

This information is intended solely for the use of the Board of Directors and management of the District and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

SCHILLING & COMPANY, INC.

Schilling & Company, Inc.

Adj. Journal Entries
Northwest Lakewood Sanitation District
12/31/2021

9/21/2022 5:22:11 PM

Done by:	Date:	Index:
Reviewer:	Date:	

AJE No.	Account Description	W/P Ref	Account Number	Debits	Credits
1	2021 Encumbrance Payable	TB	4-322	1,323,088.00	
1	Construction in Progress		4-167		1,323,088.00
To remove 2021 encumbrance payable at 12/31/21					
2	Unearned income	101-1	4-325	514,688.00	
2	Accounts Rec-Fac Renovtion Fee		4-143		514,688.00
To remove 1st quarter 2022 billing from accounts receivable and unearned income					
3	A/R Fee Cert to Cty Treasurer	B-2/B-3	4-144	7,716.00	
3	Accounts Rec-Fac Renovtion Fee		4-143		7,716.00
3	Accounts Rec-Fac Renovtion Fee		4-143	14,849.32	
3	Prepaid Fac Renovation Fee		4-321		14,849.32
3	Facilities Renovation Fees		4-539	23,673.00	
3	Accounts Rec-Fac Renovtion Fee		4-143		23,673.00
To adjust A/R and A/R Certified to the County at 12/31/21.					
4	Fund Balance	PY	4-450	41,272.53	
4	Service Fees-Commercial		4-540		41,272.53
4	Property Tax		1-510	6,859.10	
4	Beginning Fund Balance		1-501		6,859.10
To adjust beginning fund balance					
5	Accounts Payable	AA-1	1-310	29,494.00	
5	Prepaid Expenses		1-137		29,494.00
To remove 2022 insurance premium recorded as prepaid expense and accounts payable at 12/31/21.					
6	Sewer Lines	E	4-166	18,147.50	
6	2020 CIP		4-882		18,147.50
6	Construction in Progress		4-167	121,043.32	
6	2021 CIP		4-883		121,043.32
6	Depreciation		4-736	367,305.84	
6	Accumulated Depreciation		4-250		367,305.84
To record depreciation expense and adjust CIP and sewer lines at 12/31/21.					
7	NWLSD Treatment Chg-College Pk	300	4-721	258,944.06	
7	Treatment Charges		1-720		258,944.06
To reclassify College Park treatment expense at 12/31/21.					
8	Accounts Receivable-Commercial	103	4-140	51,118.02	
8	Service Fees-Commercial		4-540		51,118.02
To record commercial billing at 12/31/21.					
Totals				2,778,198.69	2,778,198.69

**NORTHWEST LAKEWOOD
SANITATION DISTRICT
Jefferson County, Colorado**

**FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

DRAFT 09/23/2022

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SCHILLING & COMPANY, INC.

Certified Public Accountants

P.O. Box 631579
HIGHLANDS RANCH, CO 80163

PHONE: 720.348.1086
FAX: 720.348.2920

Independent Auditor's Report

Board of Directors
Northwest Lakewood
Sanitation District
Jefferson County, Colorado

Opinions

We have audited the accompanying financial statements of Northwest Lakewood Sanitation District (District) as of and for the years ended December 31, 2021 and 2020, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Northwest Lakewood Sanitation District, as of December 31, 2021 and 2020, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibility of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibility for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages III through VI be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management

about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's financial statements as a whole. The supplemental information listed in the table of contents is presented for purposes of additional analysis and is not a required part of the financial statements. The supplemental information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information is listed in the table of contents and does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

SCHILLING & COMPANY, INC.

Highlands Ranch, Colorado
September _____, 2022

MANAGEMENT'S DISCUSSION AND ANALYSIS

DRAFT 09/23/2022

**NORTHWEST LAKEWOOD SANITATION DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
DECEMBER 31, 2021 and 2020**

As management of the Northwest Lakewood Sanitation District, we offer readers of the District's financial statements this narrative overview and analysis of the financial activities of the District for the fiscal years ended December 31, 2021 and 2020.

Financial Highlights

- The assets of the District exceeded its liabilities and deferred inflows of resources at the close of the most recent fiscal year by \$19,579,737 of this amount; \$8,474,910 represents unrestricted net position that is available to meet the government's ongoing obligations to citizens.
- The District's total net position increased by \$1,879,712.
- The District continued to maintain a capital improvement plan in 2021 which included replacement of certain lines and point repairs.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the District's basic financial statements. The District's basic financial statements are comprised of the following: 1) statement of net position, 2) statement of revenues, expenses, and changes in net position, 3) statement of cash flows, and 4) notes to the financial statements. This report also contains other supplemental and other information in addition to the basic financial statements.

Financial Statements: The statement of net position represents information of all the District's assets, and liabilities and deferred inflows of resources, with the difference between them reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

The statement of revenues, expenses, and changes in net position presents information showing how the District's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g. uncollected property taxes).

Since the District follows enterprise fund accounting and reporting requirements, there is a statement of cash flows included as part of the basic financial statements.

The District's basic financial statements can be found on pages 1 through 3 of this report. The notes to Financial Statements provide additional information that is essential to a full understanding of the data provided in the financial statements. The notes to financial statements can be found on pages 4 through 14 of this report.

Condensed Statement of Net Position

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Current and Other Assets	\$ 10,535,052	\$ 8,356,877	\$ 7,746,883
Capital Assets	11,056,427	10,917,228	9,797,102
Total Assets	<u>21,591,479</u>	<u>19,274,105</u>	<u>17,543,985</u>
Current Liabilities	473,916	82,533	117,774
Total Liabilities	<u>473,916</u>	<u>82,533</u>	<u>117,774</u>
Deferred Inflows of Resources	<u>1,537,826</u>	<u>1,491,547</u>	<u>1,477,670</u>
Net Position:			
Net Investment in capital assets	11,056,427	10,917,228	9,797,102
Restricted	48,400	49,700	43,800
Unrestricted	8,474,910	6,733,097	6,107,639
Total Net Position	<u>\$ 19,579,737</u>	<u>\$ 17,700,025</u>	<u>\$ 15,948,541</u>

At the end of the 2021, 2020 and 2019, the District shows a positive balance in total net position in the amount of \$19,579,737, \$17,700,025 and \$15,948,541, respectively. The positive balance is the amount by which total assets exceed liabilities and deferred inflows of resources. The restriction of net position is for emergencies as mandated by State law. Additional information on this restriction can be found in Note 9 in the Notes to Financial Statements. The District's total net position increased by \$1,879,712 from 2020 to 2021 and \$1,751,484 from 2019 to 2020. Approximately 56% of its total net position are invested in capital assets for 2021. Current and other assets are comprised of cash and cash equivalents and various receivables of the District. Total cash and cash equivalents increased from 2020 to 2021 by \$1,959,317 or 29.2% as a result of net income for 2021 of \$1,879,712. The District has no long-term debt. The growth in capital assets between 2019 through 2021 can be attributed to slip-lining of portions of the sewer lines and removal and replacement of certain lines owned by the District.

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Condensed Statement of Activities and Changes in Net Position

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Operating Revenue:			
Service Fees	\$ 2,719,133	\$ 2,549,530	\$ 2,355,644
Total Operating Revenue	<u>2,719,133</u>	<u>2,549,530</u>	<u>2,355,644</u>
Expenses			
General and Administrative	259,069	242,199	219,454
Operations	<u>2,252,020</u>	<u>2,203,064</u>	<u>2,042,336</u>
Total Operating Expenses	<u>2,511,089</u>	<u>2,445,263</u>	<u>2,261,790</u>
Gain (loss) from Operations	<u>208,044</u>	<u>104,267</u>	<u>93,854</u>
Non-Operating Revenues (Expenses)			
Taxes	1,596,063	1,609,123	1,347,057
Net investment Income	15,019	47,343	110,785
Other	-	100	-
County Treasurer's Collection Fees	(22,449)	(22,369)	(18,947)
Sewer connection fees paid to MWRD	<u>(82,885)</u>	<u>(13,020)</u>	<u>(12,830)</u>
Total Non-Operating Revenues(Expenses)	<u>1,505,748</u>	<u>1,621,177</u>	<u>1,426,065</u>
Capital contributions	<u>165,920</u>	<u>26,040</u>	<u>454,133</u>
Change in Net Position	1,879,712	1,751,484	1,974,052
Net Position - Beginning of the Year	<u>17,700,025</u>	<u>15,948,541</u>	<u>13,974,489</u>
Net Position - End of the Year	<u>\$ 19,579,737</u>	<u>\$ 17,700,025</u>	<u>\$ 15,948,541</u>

Revenues

In 2021, property and specific ownership taxes provided 36% of the District's total revenue while service and maintenance fees provided 61% of total revenue. The most significant balance in services fees category is the facilities renovation and service fee which increased by \$169,603 from 2020 to 2021 as a result an increase in customers billed.

In 2020, property and specific ownership taxes provided 38% of the District's total revenue while service and maintenance fees provided 60% of total revenue. The most significant balance in services fees category is the facilities renovation and service fee which increased by \$141,071 from 2020 to 2021 as a result an increase of \$100 per year in rate per single-family residential equivalent unit and slightly fewer customers billed.

Expenses

The District's operating expenses increased from 2020 to 2021 by \$65,826. Of this increase, \$58,693 relates to sewer operations. This increase is primarily due to an increase in the treatment charges the District remits to Metro Wastewater Reclamation

District of \$34,978. There are no other significant changes in general and administrative expenses.

The District's operating expenses decreased from 2019 to 2020 by \$183,473. Of this increase, \$126,803 relates to sewer operations. This increase is primarily due to an increase in the treatment charges the District remits to Metro Wastewater Reclamation District of \$136,344. There are no other significant changes in general and administrative expenses.

Capital Assets The District's net investment in capital assets as of December 31, 2021, 2020 and 2019 amounted to \$11,056,427, \$10,917,228 and \$9,797,102 (net of accumulated depreciation). The majority of this net investment in capital assets is in the sewer lines. Over the past few years the District's capital improvement plan has replaced sections of the system resulting in increases in its investment in capital assets. The treatment plant was closed September 3, 2004. Treatment services are now provided by the Metro Wastewater Reclamation District. Additional information on the District's capital assets can be found in Note 4 in the notes to financial statements.

Long-Term Obligations On November 4, 2008, a majority of the District's voters approved an increase in the District's debt up to \$5,000,000 with a repayment of up to \$10,250,000, but without an increase in the District's taxes, for the financing of scheduled and emergency repair, replacement and improvement of the sanitary sewer system. As of December 31, 2021, 2020 and 2019, the District had not issued debt.

Economic Factors and Next Year's Budgets and Rates The 2022 budget as adopted contains no significant changes in service levels provided. The total assessed valuation increased from 2021 collection year to 2022 collection year by \$26,373,545. The District continues to budget for sewer maintenance and rehabilitation and construction annually which is offset by the facility renovation and service fees assessed by the District. The District is anticipating capital-related expenses of \$2,100,000 in 2022.

Requests for Information This financial report is designed to provide a general overview of the District's finances for all those with an interest in the District's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the District Manager, Northwest Lakewood Sanitation District, 141 Union Boulevard, Suite 150, Lakewood, Colorado 80228-1898.

BASIC FINANCIAL STATEMENTS

DRAFT 09/23/2022

NORTHWEST LAKEWOOD SANITATION DISTRICT
STATEMENTS OF NET POSITION
December 31, 2021 and 2020

	2021	2020
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 8,663,531	\$ 6,704,214
Due from County Treasurer	7,108	9,868
Accounts receivable	325,882	150,798
Property taxes receivable	1,537,826	1,491,547
Prepaid expenses	705	450
Total current assets	10,535,052	8,356,877
CAPITAL ASSETS		
Assets not being depreciated:		
Land	7,584	7,584
Construction in process	488,358	51,637
	495,942	59,221
Assets being depreciated:		
Sewer lines	15,964,232	15,894,448
	15,964,232	15,894,448
Less accumulated depreciation	(5,403,747)	(5,036,441)
	10,560,485	10,858,007
Total capital assets, net	11,056,427	10,917,228
TOTAL ASSETS	\$ 21,591,479	\$ 19,274,105
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION		
CURRENT LIABILITIES		
Accounts and contracts payable	\$ 440,701	\$ 62,496
Retainage payable	18,366	6,695
Prepaid customer accounts	14,849	10,630
Expense reimbursement deposits	-	2,712
Total current liabilities	473,916	82,533
DEFERRED INFLOWS OF RESOURCES		
Deferred property taxes	1,537,826	1,491,547
Total deferred inflows of resources	1,537,826	1,491,547
NET POSITION		
Net investment in capital assets	11,056,427	10,917,228
Restricted for emergencies	48,400	49,700
Unrestricted	8,474,910	6,733,097
Total net position	19,579,737	17,700,025
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	\$ 21,591,479	\$ 19,274,105

These financial statements should be read only in connection with
the accompanying notes to financial statements.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
STATEMENTS OF REVENUES, EXPENSES
AND CHANGES IN NET POSITION
Years Ended December 31, 2021 and 2020**

	2021	2020
OPERATING REVENUE		
Facilities renovation and service fees	\$ 2,223,940	\$ 2,225,114
Service fees	402,177	318,051
Grease trap inspections	3,725	6,365
Maintenance fees	89,291	-
Total operating revenue	2,719,133	2,549,530
OPERATING EXPENSES		
Sewer operations	1,884,714	1,853,832
General and administrative	259,069	242,199
Depreciation	367,306	349,232
Total operating expenses	2,511,089	2,445,263
NET GAIN FROM OPERATIONS	208,044	104,267
NONOPERATING REVENUES (EXPENSES)		
Property taxes	1,481,613	1,498,472
Specific ownership taxes	114,450	110,651
Net investment income	15,019	47,343
Other income	-	100
County treasurer's collection fees	(22,449)	(22,369)
Sewer connection fee paid to MWRD	(82,885)	(13,020)
Total nonoperating revenues (expenses)	1,505,748	1,621,177
CAPITAL CONTRIBUTIONS		
Sewer connection fee - District	83,035	13,020
Sewer connection fee - MWRD	82,885	13,020
Total capital contributions	165,920	26,040
CHANGE IN NET POSITION	1,879,712	1,751,484
NET POSITION - BEGINNING OF YEAR	17,700,025	15,948,541
NET POSITION - END OF YEAR	\$ 19,579,737	\$ 17,700,025

These financial statements should be read only in connection with
the accompanying notes to financial statements.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
STATEMENTS OF CASH FLOWS
Years Ended December 31, 2021 and 2020**

	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash received from customers	\$ 2,544,049	\$ 2,550,001
Cash paid to vendors	(1,752,655)	(2,131,322)
Net cash provided by operating activities	791,394	418,679
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Property taxes	1,484,373	1,497,778
Specific ownership taxes	114,450	110,651
County treasurer's fees	(22,449)	(22,369)
Miscellaneous	-	100
Net cash provided by noncapital financing activities	1,576,374	1,586,160
CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES		
Capital outlay	(506,505)	(1,469,358)
Sewer connection fees	165,920	26,040
Sewer connections fees paid to MWRD	(82,885)	(13,020)
Net cash required by capital financing activities	(423,470)	(1,456,338)
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest received	15,019	47,343
Net cash provided by investing activities	15,019	47,343
NET INCREASE IN CASH AND CASH EQUIVALENTS	1,959,317	595,844
CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR	6,704,214	6,108,370
CASH AND CASH EQUIVALENTS - END OF YEAR	\$ 8,663,531	\$ 6,704,214
RECONCILIATION OF OPERATING GAIN TO CASH FLOWS REQUIRED BY OPERATING ACTIVITIES		
Gain (loss) from operations	\$ 208,044	\$ 104,267
Adjustments to reconcile loss from operations to net cash provided (required) by operating activities:		
Depreciation and amortization	367,306	349,232
Effects of changes in operating assets and liabilities:		
Receivables	(175,084)	471
Prepaid expenses	(255)	(50)
Payables and other liabilities	391,383	(35,241)
Net cash provided by operating activities	\$ 791,394	\$ 418,679

These financial statements should be read only in connection with
the accompanying notes to financial statements.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

NOTE 1 – DEFINITION OF REPORTING ENTITY

Northwest Lakewood Sanitation District (District), a quasi-municipal corporation, is governed pursuant to provisions of the Colorado Special District Act. The District's service area is located in Jefferson County, Colorado. The District provides sewer collection service to property within its service area and provides sewer treatment services through an intergovernmental agreement with Metro Wastewater Reclamation District.

The District has no employees and all operations and administrative functions are contracted.

The District follows the Governmental Accounting Standards Board (GASB) accounting pronouncements which provide guidance for determining which governmental activities, organizations and functions should be included within the financial reporting entity. GASB pronouncements set forth the financial accountability of a governmental organization's elected governing body as the basic criterion for including a possible component governmental organization in a primary government's legal entity. Financial accountability includes, but is not limited to, appointment of a voting majority of the organization's governing body, ability to impose its will on the organization, a potential for the organization to provide specific financial benefits or burdens and fiscal dependency. The District is not financially accountable for any other organization, nor is the District a component unit of any other primary governmental entity.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of the District conform to generally accepted accounting principles as applicable to governmental units accounted for as a proprietary enterprise fund. The enterprise fund is used since the District's powers are related to those operated in a manner similar to a private utility system where net income and capital maintenance are appropriate determinations of accountability.

The more significant accounting policies of the District are described as follows:

Basis of Accounting

The District's records are maintained on the accrual basis of accounting. Revenue is recognized when earned and expenses are recognized when the liability is incurred. Depreciation is computed and recorded as an operating expense. Expenditures for capital assets are shown as increases in assets and redemptions of bonds and loans are recorded as reductions in liabilities. Sewer connection fees and contributed assets from developers are recorded as capital contributions when received.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

Operating Revenues and Expenses

The District distinguishes *operating* revenues and expenses from *non-operating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with an enterprise fund's principal ongoing operations. Operating revenues consist of charges to customers for service provided. Operating expenses for enterprise funds include the cost of sales and services, administrative expenses, and depreciation of capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses or capital contributions.

Restricted resources

When both restricted and unrestricted resources are available for use, it is the government's policy to use restricted resources first, then unrestricted resources as they are needed.

Budgets

In accordance with the State Budget Law, the District's Board of Directors holds public hearings in the fall each year to approve the budget and appropriate the funds for the ensuing year. The appropriation is at the total fund expenditures level and lapses at year end. The District's Board of Directors can modify the budget by line item within the total appropriation without notification. The appropriation can only be modified upon completion of notification and publication requirements. For basic financial statement presentation purposes, the District is reported as a single enterprise fund. For budgetary purposes, the District separately budgets for a General Fund and Enterprise Fund.

Property Taxes

Property taxes are levied by the District's Board of Directors. The levy is based on assessed valuations determined by the County Assessor generally as of January 1 of each year. The levy is normally set by December 15 by certification to the County Commissioners to put the tax lien on the individual properties as of January 1 of the following year. The County Treasurer collects the determined taxes during the ensuing calendar year. The taxes are payable by April 30 or if in equal installments, at the taxpayer's election, in February and June. Delinquent taxpayers are notified in August and generally sales of the tax liens on delinquent properties are held in November or December. The County Treasurer remits the taxes collected monthly to the District.

Property taxes, net of estimated uncollectible taxes, are recorded initially as deferred inflows of resources in the year they are levied and measurable. The deferred property tax revenues are recorded as revenue in the year they are available or collected.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

Cash Equivalents

For purposes of the statement of cash flows, the District considers cash deposits and highly liquid investments (including restricted assets) with a maturity of three months or less when purchased, to be cash equivalents.

Capital Assets

Capital assets are recorded at cost except for those assets which have been contributed which are stated at estimated fair value at the date of contribution. Capital assets are defined by the District as assets with an initial, individual cost of more than \$5,000.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend the life of the asset are not capitalized. Improvements are capitalized and depreciated over the remaining useful lives of the related fixed assets, as applicable.

Depreciation expense has been computed using the straight-line method over the estimated economic useful lives of 50 years for sewer lines.

Sewer Connection Fees and Contributed Lines

Sewer connection fees are recorded as capital contributions when received. Lines contributed to the District by developers are recorded as capital contributions and additions to the systems at estimated fair market value when received.

Facilities Renovation and Service Fee

The District charges a facilities renovation and service fee in the amount of \$100 per quarter per single family equivalent tap in order to defray the costs of system repairs, renovations and if necessary, to defray annual maintenance costs and expenses associated with the system.

Deferred Outflows/Inflows of Resources

In addition to liabilities, the statement of net position and fund balance sheets will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position/fund balance that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. Property tax revenue that is related to a future period is recorded as deferred inflows. These amounts are deferred and will be recognized as an inflow of resources in the period that the amounts become available.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

NOTE 3 - CASH AND INVESTMENTS

Cash Deposits

The Colorado Public Deposit Protection Act (PDPA) requires that all units of local government deposit cash in eligible public depositories. Eligibility is determined by state regulators. Amounts on deposit in excess of federal insurance levels must be collateralized. The eligible collateral is determined by the PDPA. PDPA allows the institution to create a single collateral pool for all public funds. The pool for all the uninsured public deposits as a group is to be maintained by another institution or held in trust. The market value of the collateral must be at least equal to 102% of the aggregate uninsured deposits.

The State Commissioners for banks and financial services are required by Statute to monitor the naming of eligible depositories and reporting of the uninsured deposits and assets maintained in the collateral pools.

At December 31, 2021, the District's cash deposits had a bank balance of \$4,021,544 and a carrying balance of \$4,009,562. At December 31, 2020, the District's cash deposits had a bank balance of \$1,936,475 and a carrying balance of \$1,915,701.

Investments

The District has not adopted a formal investment policy however, the District follows state statutes regarding investments.

Colorado statutes specify investment instruments meeting defined rating and risk criteria in which local governments may invest which include:

- . Obligations of the United States and certain U.S. government agency securities and the World Bank
- . General obligation and revenue bonds of U.S. local government entities
- . Bankers' acceptances of certain banks
- . Commercial paper
- . Certain reverse repurchase agreements
- . Certain securities lending agreements
- . Certain corporate bonds
- . Written repurchase agreements collateralized by certain authorized securities
- . Certain money market funds
- . Guaranteed investment contracts
- . Local government investment pools

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

The District held the following investments as of December 31, 2021:

<u>Investment Type</u>	<u>Carrying Value</u>	<u>Maturity</u>
COLOTRUST	<u>\$ 4,653,969</u>	Less than one year

The District held the following investments as of December 31, 2020:

<u>Investment Type</u>	<u>Carrying Value</u>	<u>Maturity</u>
COLOTRUST	<u>\$ 4,788,513</u>	Less than one year

Interest Rate Risk

Colorado revised statutes limit investment maturities to five years or less unless formally approved by the Board of Directors. Such actions are generally associated with a debt service reserve or sinking fund requirements.

Credit Risk

The District has invested in the Colorado Local Government Liquid Asset Trust (the Trust), an investment vehicle established for local government entities in Colorado to pool surplus funds. The State Securities Commissioner administers and enforces all State statutes governing the Trust. The Trust operates similarly to a money market fund and each share is equal in value to \$1.00. The Trust offers shares in two portfolios, COLOTRUST PRIME and COLOTRUST PLUS+. Both portfolios may invest in U.S. Treasury securities and repurchase agreements collateralized by U.S. Treasury securities. COLOTRUST PLUS+ may also invest in certain obligations of U.S. government agencies, highest rated commercial paper and repurchase agreement collateralized by certain obligations of the U.S. government agencies. As of December 31, 2021 and 2020, the District held \$4,653,969 and \$4,788,513, respectively in COLOTRUST Plus+. As of December 31, 2021 and 2020, the fund was rated AAAM by Standard and Poor's.

Cash and investments as of December 31, 2021 and 2020 consist of the following:

	<u>2021</u>	<u>2020</u>
Deposits with financial institutions	\$ 4,009,562	\$ 1,915,701
Investments	4,653,969	4,788,513
Total cash and investments	<u>\$ 8,663,531</u>	<u>\$ 6,704,214</u>

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

Investment Valuation

Investments that may be measured at fair value on a recurring basis are categorized within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure an asset's fair value: Level 1 inputs are quoted prices in active markets for identical assets, Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

The District's investments are not required to be categorized within the fair value hierarchy. These investments are measured at amortized cost or in certain circumstances the value is calculated using the net asset value (NAV) per share, or its equivalent of the investment. These investments include 2a7-like external investment pools and money market investments. The District held investments in COLOTRUST at yearend for which the investment valuations were determined as follows.

COLOTRUST determines the NAV of the shares of each portfolio as of the close of business of each day. The NAV per share of each portfolio is computed by dividing the total value of the securities and other assets of the portfolios, less any liabilities, by the total outstanding shares of the portfolios. Liabilities, which include all expenses and fees of COLOTRUST, are accrued daily. The NAV is calculated at fair value using various inputs in determine value in accordance with FASB guidance. It is the goal of the Trust to maintain a NAV of \$1.00 per share, however changes in interest rates may affect the fair value of the securities held by COLOTRUST and there can be no assurance that the NAV will not vary from \$1.00 per share.

Cash Equivalents

Cash equivalents and investments are reflected for the December 31, 2021 and 2020 statements of net position and statements of cash flows as follows:

	<u>2021</u>	<u>2020</u>
Cash and cash equivalents	<u>\$ 8,663,531</u>	<u>\$ 6,704,214</u>

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

NOTE 4 - CAPITAL ASSETS

An analysis of the changes in capital assets for the year ended December 31, 2021 follows:

	<u>Balance at December 31, 2020</u>	<u>Increases</u>	<u>Decreases</u>	<u>Balance at December 31, 2021</u>
Capital assets, not being depreciated:				
Land	\$ 7,584	\$ -	\$ -	\$ 7,584
Construction in process	51,637	505,505	69,784	487,358
Total capital assets not being depreciated	<u>59,221</u>	<u>505,505</u>	<u>69,784</u>	<u>494,942</u>
Capital assets, being depreciated:				
Sewer lines	15,894,448	69,784	-	15,964,232
Total capital assets being depreciated	<u>15,894,448</u>	<u>69,784</u>	<u>-</u>	<u>15,964,232</u>
Total accumulated depreciation	<u>(5,036,441)</u>	<u>(367,306)</u>		<u>(5,403,747)</u>
Total capital assets, net	<u>\$ 10,917,228</u>	<u>\$ 207,983</u>	<u>\$ 69,784</u>	<u>\$ 11,055,427</u>

An analysis of the changes in capital assets for the year ended December 31, 2020 follows:

	<u>Balance at December 31, 2019</u>	<u>Increases</u>	<u>Decreases</u>	<u>Balance at December 31, 2020</u>
Capital assets, not being depreciated:				
Land	\$ 7,584	\$ -	\$ -	\$ 7,584
Construction in process	21,514	1,469,358	1,439,235	51,637
Total capital assets not being depreciated	<u>29,098</u>	<u>1,469,358</u>	<u>1,439,235</u>	<u>59,221</u>
Capital assets, being depreciated:				
Sewer lines	14,455,213	1,439,235	-	15,894,448
Total capital assets being depreciated	<u>14,455,213</u>	<u>1,439,235</u>	<u>-</u>	<u>15,894,448</u>
Total accumulated depreciation	<u>(4,687,209)</u>	<u>(349,232)</u>		<u>(5,036,441)</u>
Total capital assets, net	<u>\$ 9,797,102</u>	<u>\$ 2,559,361</u>	<u>\$ 1,439,235</u>	<u>\$ 10,917,228</u>

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

NOTE 5 – LONG-TERM OBLIGATIONS

Debt Authorization

On November 4, 2008, the District's voters authorized the issuance of debt up to \$5,000,000 with a repayment of up to \$10,250,000, but without an increase in the District's taxes, for the financing of scheduled and emergency repair, replacement and improvement of the sanitary sewer system. As of December 31, 2021, the District had not issued the debt.

NOTE 6 - NET POSITION

The District has net position consisting of three components – net investment in capital assets, restricted and unrestricted.

Net investment in capital assets, consists of capital assets, net of accumulated depreciation. As of December 31, 2021 and 2020, the District had net investment in capital assets of \$11,056,427 and \$10,917,228, respectively equal to its net capital assets as the District has no outstanding debt.

Restricted assets include net position that are restricted for use either externally imposed by creditors, grantors, contributors, or laws and regulations of other governments or imposed by law through constitutional provisions or enabling legislation. The District had restricted net position as of December 31, 2021 and 2020 of \$48,400 and \$49,700 for TABOR emergency reserves (Note 9).

NOTE 7 – INTERGOVERNMENTAL AGREEMENTS

SEWER SERVICE AGREEMENT

Metropolitan Wastewater Reclamation District

The District has an agreement with Metropolitan Wastewater Reclamation District (Metro) for sewage treatment and disposal. The District is responsible for the maintenance and future construction costs of all sewer lines and retains title to all sewer lines within the District. The standard service agreement with Metro provides for annual charges to be assessed by formula against the District on an estimated basis for sewage treatment. Adjustments to the estimated charge for metered flows and actual costs are billed and payable or credited during the two succeeding years. Metro assesses tap fees against the District for connections to the system.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

The composition of the sewage treatment charges for 2021 and 2020 is as follows:

	<u>2021</u>	<u>2020</u>
Estimate for current year	\$ 1,430,976	\$ 1,425,937
Adjustment of second preceding year estimate to actual	13,723	35,172
Preliminary adjustment of preceding year estimate	<u>18,262</u>	<u>(40,648)</u>
Total annual charges	<u>\$ 1,462,961</u>	<u>\$ 1,420,461</u>

The 2022 sewer treatment estimate is \$1,183,233. The total annual charge is expected to be \$1,469,709 which includes a favorable 2020 final adjustment of \$140,622 and a favorable 2021 preliminary adjustment of \$145,854.

College Park Water and Sanitation District

The District has an agreement to provide sewer treatment and transmission services to College Park Water and Sanitation District (College Park). The agreement is cancelable upon mutual agreement from both parties. The District bills College Park for a portion of the annual sewer treatment charges paid to Metropolitan Wastewater Reclamation District. The District also bills College Park for reimbursement of actual maintenance expenses incurred.

During the years ending December 31, 2021 and 2020, the District received fees in connection with the agreement as follows:

	<u>2021</u>	<u>2020</u>
Treatment service	\$ 258,944	\$ 251,422
Capital improvements	-	-
	<u>\$ 258,944</u>	<u>\$ 251,422</u>

In accordance with the Agreement, the District calculated actual maintenance expenses incurred related to College Park for the calendar years 2010 – 2012 and determined that the District owed College Park a credit of \$15,036. During the years ended December 31, 2021 and 2020, the District incurred actual maintenance expenses related to College Park in the amount of \$89,291 and \$0, respectively, which leaves a remaining credit owed to College Park of \$0 as of December 31, 2021.

Sewer Service Agreement - Applewood Sanitation District

In September 2003, the District entered into the Restated and Amended Sewer Service Agreement with Applewood Sanitation District (Applewood). Both districts provide sanitary sewer service to certain properties located within the boundaries of the other district. The District has agreed to continue to serve each Applewood property located within its boundaries and Applewood has agreed to continue to serve each District property within its boundaries. The agreement outlines the charges and billing methodology to be followed by each district so that each district is charged the same rate.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

During the years ended December 31, 2021 and 2020, the District paid treatment fees in connection with the Applewood taps in the amount of \$0 and \$2,336, respectively. The District received service fees from Applewood in the amount of \$0 and \$16,822 for the years ended December 31, 2021 and 2020, respectively.

On November 24, 2021, the District entered into a new Sewer Service Agreement with Applewood effective January 1, 2022. The new Sewer Service Agreement supersedes the Restated and Amended Sewer Service Agreement. The District has agreed to continue to serve each Applewood property (36 taps) located within its boundaries and Applewood has agreed to continue to serve each District property (5 taps) within its boundaries. The agreement outlines the charges and billing methodology to be followed by each district. The initial term of the agreement shall be 10 calendar years and shall automatically renew for two times, each time being for an additional term of 10 years unless either District provides the other District with written notice of non-renewal.

Sewer Service Agreement - Westridge Sanitation District

On June 24, 2009, the District approved the Second Restated and Amended Sewer Service Agreement with Westridge Sanitation District (Westridge). Both districts provide sanitary sewer service to certain properties located within the boundaries of the other district. The District has agreed to continue to serve each Westridge property located within its boundaries and Westridge has agreed to continue to serve each District property within its boundaries. The agreement outlines the charges and billing methodology to be followed by each district so that each district is charged the same rate. During the years ended December 31, 2021 and 2020, the District paid fees to Westridge in the amount of \$10,165 and \$11,589, respectively. The District received service fees from Westridge in the amount of \$2,275 and \$2,208 for the years ended December 31, 2021 and 2020, respectively.

NOTE 8 - RISK MANAGEMENT

The District is exposed to various risks of loss related to torts, thefts of, damage to, or destruction of assets; errors or omissions; injuries to employees, or acts of God.

The District is a member of the Colorado Special Districts Property and Liability Pool (Pool) as of December 31, 2021. The Pool is an organization created by intergovernmental agreement to provide property, liability, public officials' liability, boiler and machinery and workers compensation coverage to its members. Settled claims have not exceeded this coverage in any of the past three fiscal years.

The District pays annual premiums to the Pool for liability, property, public officials liability and workers compensation coverage. In the event aggregated losses incurred by the Pool exceed amounts recoverable from reinsurance contracts and funds accumulated by the Pool, the Pool may require additional contributions from the Pool members. Any excess funds which the Pool determines are not needed for purposes of the Pool may be returned to the members pursuant to a distribution formula.

**NORTHWEST LAKEWOOD SANITATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2021 and 2020**

NOTE 9 - TAX, SPENDING AND DEBT LIMITATIONS

Article X, Section 20 of the Colorado Constitution, commonly known as the Taxpayer's Bill of Rights (TABOR) contains tax, spending, revenue and debt limitations that apply to the State of Colorado and all local governments.

Enterprises, defined as government-owned businesses authorized to issue revenue bonds and receiving less than 10% of annual revenue in grants from all state and local

governments combined, are excluded from the provisions of TABOR. The District's management believes its operations qualify for this exclusion.

TABOR requires local governments to establish Emergency Reserves. These reserves must be at least 3% of Fiscal year Spending (excluding bonded debt service). Local governments are not allowed to use the emergency reserves to compensate for economic conditions, revenue shortfalls, or salary or benefit increases.

The District's management believes it is in compliance with the provisions of TABOR. However, TABOR is complex and subject to interpretation. Some of the provisions of TABOR, including the interpretation of how to calculate Fiscal Year Spending limits and qualification as an Enterprise may require judicial interpretation.

This information is an integral part of the accompanying financial statements.

SUPPLEMENTAL INFORMATION

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NORTHWEST LAKEWOOD SANITATION DISTRICT
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN
FUNDS AVAILABLE - BUDGET AND ACTUAL (BUDGETARY BASIS)
GENERAL FUND
Year Ended December 31, 2021

	Original and Final Budgeted Amounts	Actual	Variance with Final Budget - Positive (Negative)
REVENUES			
Property taxes	\$ 1,491,546	\$ 1,481,613	\$ (9,933)
Specific ownership taxes	88,000	114,450	26,450
Net investment income	24,000	12,492	(11,508)
Other income	-	-	-
Total Revenues	1,603,546	1,608,555	5,009
EXPENDITURES			
General and administrative:			
Audit and accounting	33,500	34,162	(662)
Administration	38,000	61,474	(23,474)
Billing services	32,000	32,766	(766)
Directors' fees	6,000	8,500	(2,500)
Dues and subscriptions	1,250	1,237	13
Insurance and bonds	40,546	36,242	4,304
Legal	50,000	51,119	(1,119)
Website maintenance	2,000	1,344	656
Bank charges	120	63	57
Office supplies	4,500	3,543	957
County treasurer's fees	22,373	22,449	(76)
Payroll taxes - directors	459	650	(191)
Miscellaneous	1,000	158	842
Operating expenses:			
Treatment charges	1,462,961	1,204,017	258,944
Engineering	60,000	-	60,000
Utilities	4,000	-	4,000
Contingency and reserves	198,106	-	198,106
Total Expenditures	1,956,815	1,457,724	499,091
NET CHANGE IN FUNDS AVAILABLE	(353,269)	150,831	504,100
FUNDS AVAILABLE - BEGINNING OF YEAR	832,379	1,555,299	722,920
FUNDS AVAILABLE - END OF YEAR	\$ 479,110	\$ 1,706,130	\$ 1,227,020

**NORTHWEST LAKEWOOD SANITATION DISTRICT
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN
FUNDS AVAILABLE - BUDGET AND ACTUAL (BUDGETARY BASIS)
ENTERPRISE FUND
Year Ended December 31, 2021**

	Original and Final Budgeted Amounts	Actual	Variance with Final Budget - Positive (Negative)
REVENUES			
Facilities renovation fee	\$ 2,212,000	\$ 2,223,940	\$ 11,940
Service fees - Commercial	75,000	92,390	17,390
Service fees - College Park	258,944	258,944	-
Service fees - Applewood and Westridge	10,350	2,275	(8,075)
Denver water service agreement	4,000	37,119	33,119
Maintenance fees	-	89,291	89,291
Sewer connection fee - District	27,300	83,035	55,735
Sewer connection fee - Metro	-	82,885	82,885
Transfer service fees	12,000	6,049	(5,951)
Grease trap inspections	12,000	3,725	(8,275)
Net investment income	30,000	2,527	(27,473)
Miscellaneous	-	5,400	5,400
Total Revenues	2,641,594	2,887,580	245,986
EXPENDITURES (Page 17)	3,177,594	1,297,898	1,879,696
NET CHANGE IN FUNDS AVAILABLE	(536,000)	1,589,682	2,125,682
FUNDS AVAILABLE - BEGINNING OF YEAR	7,256,021	5,227,498	(2,028,523)
FUNDS AVAILABLE - END OF YEAR	\$ 6,720,021	\$ 6,817,180	\$ 97,159
FUNDS AVAILABLE - GENERAL FUND (PAGE 15)		\$ 1,706,130	
FUNDS AVAILABLE - ENTERPRISE FUND		6,817,180	
		\$ 8,523,310	
Total current assets		\$ 10,535,052	
Total current liabilities and deferred inflows of resources		(2,011,742)	
		\$ 8,523,310	

**NORTHWEST LAKEWOOD SANITATION DISTRICT
SCHEDULE OF EXPENDITURES COMPARED TO BUDGET
(BUDGETARY BASIS)
ENTERPRISE FUND
Year Ended December 31, 2021**

	Original Budgeted Amounts	Actual	Variance with Final Budget - Positive (Negative)
ADMINISTRATIVE			
Billing	\$ 23,000	\$ 27,029	\$ (4,029)
Treasurer's fees	450	-	450
Legal	-	783	(783)
Miscellaneous	500	-	500
Total administrative	<u>23,950</u>	<u>27,812</u>	<u>(3,862)</u>
OPERATIONS			
Treatment charges - College Park	258,944	258,944	-
Treatment charges - Applewood	9,200	-	9,200
Treatment charges - Westridge	18,850	10,165	8,685
Repairs and maintenance	10,000	20,639	(10,639)
Connection fees - MWRD	13,650	82,885	(69,235)
Contract operator services	343,000	336,211	6,789
Total operations	<u>653,644</u>	<u>708,844</u>	<u>(55,200)</u>
CAPITAL OUTLAY			
Sewer lines	2,100,000	506,505	1,593,495
Non-capitalizable	400,000	54,737	345,263
Total capital outlay	<u>2,500,000</u>	<u>561,242</u>	<u>1,938,758</u>
TOTAL EXPENDITURES	<u><u>\$ 3,177,594</u></u>	<u><u>\$ 1,297,898</u></u>	<u><u>\$ 1,879,696</u></u>

**NORTHWEST LAKEWOOD SANITATION DISTRICT
RECONCILIATION OF BUDGETARY BASIS TO STATEMENT OF
REVENUES, EXPENSES AND CHANGES IN NET POSITION
Year Ended December 31, 2021**

General Fund revenues - budgetary basis	\$ 1,608,555
Enterprise Fund revenues- budgetary basis	<u>2,887,580</u>
 Revenues per Statements of Revenues, Expenses and Changes in Net Position	 <u>4,496,135</u>
 General Fund expenses - budgetary basis	 1,457,724
Enterprise Fund expenses- budgetary basis	1,297,898
Depreciation	367,306
Capital outlay	<u>(506,505)</u>
 Expenses per Statements of Revenues, Expenses and Changes in Net Position	 <u>2,616,423</u>
 Change in net position per Statements of Revenues, Expenses and Changes in Net Position	 <u><u>\$ 1,879,712</u></u>

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OTHER INFORMATION

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**NORTHWEST LAKEWOOD SANITATION DISTRICT
SUMMARY OF ASSESSED VALUATION , MILL LEVY
AND PROPERTY TAXES COLLECTED
December 31, 2021**

Year Ended December 31,	Prior Year Assessed Valuation for Current Year Property Tax Levy	Mills Levied	Property Taxes		Percentage Collected to Levied
			Levied	Collected	
2006	\$ 159,802,180	7.696	\$ 1,229,838	\$ 1,223,848	99.5%
2007	\$ 158,340,870	7.696	\$ 1,218,591	\$ 1,194,195	98.0%
2008	\$ 168,119,180	7.738 (1)	\$ 1,300,906	\$ 1,299,482	99.9%
2009	\$ 168,793,140	7.802 (2)	\$ 1,316,924	\$ 1,306,088	99.2%
2010	\$ 166,715,070	7.525 (3)	\$ 1,292,042	\$ 1,277,529	98.9%
2011	\$ 164,305,730	7.747 (4)	\$ 1,272,877	\$ 1,266,400	99.5%
2012	\$ 155,701,876	7.780 (5)	\$ 1,211,361	\$ 1,209,327	99.8%
2013	\$ 159,216,244	7.571 (6)	\$ 1,205,426	\$ 1,199,952	99.5%
2014	\$ 165,527,807	7.285 (7)	\$ 1,205,870	\$ 1,197,171	99.3%
2015	\$ 164,757,771	7.703 (8)	\$ 1,267,976	\$ 1,267,961	100.0%
2016	\$ 190,485,375	6.878 (9)	\$ 1,310,158	\$ 1,306,898	99.8%
2017	\$ 204,848,910	6.522 (10)	\$ 1,336,024	\$ 1,285,763	96.2%
2018	\$ 229,357,320	6.825 (11)	\$ 1,565,364	\$ 1,549,810	99.0%
2019	\$ 228,984,259	5.437 (12)	\$ 1,244,987	\$ 1,240,959	99.7%
2020	\$ 246,812,983	5.987 (13)	\$ 1,477,670	\$ 1,498,472	101.4%
2021	\$ 246,658,967	6.047 (14)	\$ 1,491,547	\$ 1,481,613	99.3%
Estimated for year ending December 31, 2022	\$ 273,032,512	5.661 (15)	\$ 1,537,826		

NOTE: Property taxes collected in any one year include collection of delinquent property taxes levied in prior years. Information received from the County Treasurer does not permit identification of specific year of levy.

- (1) Reflected net of a temporary mill levy rate reduction of .034 mills.
- (2) Reflected net of a temporary mill levy rate reduction of .002 mills.
- (3) Reflected net of a temporary mill levy rate reduction of .225 mills and a refunds and abatements levy of .054.
- (4) Includes a refund and abatement levy of .051 mills.
- (5) Includes a refund and abatement levy of .084 mills.
- (6) Reflected net of a temporary mill levy rate reduction of .143 mills and a refunds and abatements levy of .018.
- (7) Reflected net of a temporary mill levy rate reduction of .449 mills and a refunds and abatements levy of .038.
- (8) Includes a refund and abatement levy of .007 mills.
- (9) Reflected net of a temporary mill levy rate reduction of .856 mills and a refunds and abatements levy of .038.
- (10) Reflected net of a temporary mill levy rate reduction of 1.180 mills and a refunds and abatements levy of .006.
- (11) Reflected net of a temporary mill levy rate reduction of .871 mills
- (12) Reflected net of a temporary mill levy rate reduction of 2.264 mills and a refunds and abatements levy of .005.
- (13) Reflected net of a temporary mill levy rate reduction of 1.813 mills and a refunds and abatements levy of .104.
- (14) Reflected net of a temporary mill levy rate reduction of 1.664 mills and a refunds and abatements levy of .015.
- (15) Reflected net of a temporary mill levy rate reduction of 2.058 mills and a refunds and abatements levy of .023.

NORTHWEST LAKEWOOD SANITATION DISTRICT

September 28, 2022

Schilling & Company, Inc.
PO Box 631579
Highlands Ranch, CO 80163

This representation letter is provided in connection with your audits of the basic financial statements of Northwest Lakewood Sanitation District (District), which comprise the statements of as of December 31, 2021 and 2020, and the related statements of changes in financial position and cash flows for the years then ended, and the related notes to the financial statements, for the purpose of expressing opinions as to whether the financial statements are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Certain representations in this letter are described as being limited to matters that are material. Items are considered material, regardless of size, if they involve an omission or misstatement of accounting information that, in light of surrounding circumstances, makes it probable that the judgment of a reasonable person relying on the information would be changed or influenced by the omission or misstatement. An omission or misstatement that is monetarily small in amount could be considered material as a result of qualitative factors.

We confirm, to the best of our knowledge and belief, as of the date of the Independent Auditor's Report, the following representations made to you during your audit.

Financial Statements

- 1) We have fulfilled our responsibilities, as set out in the terms of the audit engagement letter dated November 19, 2021 including our responsibility for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP and for the preparation of the supplementary information in accordance with the applicable criteria.
- 2) The financial statements referred to above are fairly presented in conformity with U.S. GAAP and include all properly classified funds and other financial information of the primary government and all component units, if any, required by generally accepted accounting principles to be included in the financial reporting entity.
- 3) We acknowledge our responsibility for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.
- 4) We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
- 5) Significant assumptions we used in making accounting estimates, including those measured at fair value, are reasonable, including the following:
 - a) The appropriateness and consistency of the measurement processes used by management in determining accounting estimates.

- b) That the assumptions appropriately reflect management's intent and ability to carry out specific courses of action.
 - c) That the disclosures related to accounting estimates are complete and appropriate.
 - d) That no subsequent event has occurred that would require adjustment to the accounting estimates or disclosures included in the financial statements.
- 6) Related party relationships and transactions, including revenues, expenditures/expenses, loans, transfers, leasing arrangements, and guarantees, and amounts receivable from or payable to related parties have been appropriately accounted for and disclosed in accordance with U.S. GAAP.
 - 7) Adjustments or disclosures have been made for all events, including instances of noncompliance, subsequent to the date of the financial statements that would require adjustment to or disclosure in the financial statements.
 - 8) We have reviewed the attached Exhibit I of corrected misstatements and are in agreement with them. We have directed that these correcting entries be posted to the accounting records of the District.
 - 9) The effects of all known actual or possible litigation, claims, and assessments have been accounted for and disclosed in accordance with U.S. GAAP.
 - 10) Guarantees, whether written or oral, under which the District is contingently liable, if any, have been properly recorded or disclosed.

Information Provided

- 11) We have provided you with:
 - a) Access to all information, of which we are aware, that is relevant to the preparation and fair presentation of the financial statements, such as records (including information obtained from outside of the general and subsidiary ledgers), documentation, and other matters.
 - b) Additional information that you have requested from us for the purpose of the audit.
 - c) Unrestricted access to persons within the District or those designated by the District from whom you determined it necessary to obtain audit evidence.
 - d) Minutes of the meetings of the Board of Directors or summaries of actions of recent meetings for which minutes have not yet been prepared.
- 12) All material transactions have been recorded in the accounting records and are reflected in the financial statements.
- 13) We have disclosed to you the results of our assessment of the risk that the financial statements may be materially misstated as a result of fraud.
- 14) We have no knowledge of any fraud or suspected fraud that affects the District and involves:
 - a) Management,
 - b) Others where the fraud could have a material effect on the financial statements.
- 15) We have no knowledge of any allegations of fraud or suspected fraud affecting the District's financial statements communicated by employees, former employees, regulators, or others.

- 16) We have no knowledge of instances of noncompliance or suspected noncompliance with provisions of laws, regulations, contracts, or grant agreements, or abuse, whose effects should be considered when preparing financial statements.
- 17) We have disclosed to you the names of the District's related parties and all the related party relationships and transactions, including any side agreements.

Government—specific

- 18) There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices.
- 19) We have identified to you any previous audits, attestation engagements, and other studies related to the audit objectives and whether related recommendations have been implemented.
- 20) We have identified to you any investigations or legal proceedings that have been initiated with respect to the period under audit.
- 21) The District has no plans or intentions that may materially affect the carrying value or classification of assets, deferred outflows of resources, liabilities, deferred inflows of resources, and fund balance or net position.
- 22) We are responsible for compliance with the laws, regulations, and provisions of contracts and grant agreements applicable to us, including tax or debt limits and debt contracts; and legal and contractual provisions for reporting specific activities in separate funds.
- 23) We have identified and disclosed to you all instances of identified and suspected fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements that we believe have a material effect on the financial statements.
- 24) There are no violations or possible violations of budget ordinances, laws and regulations (including those pertaining to adopting, approving, and amending budgets), provisions of contracts and grant agreements, tax or debt limits, and any related debt covenants whose effects should be considered for disclosure in the financial statements, or as a basis for recording a loss contingency, or for reporting on noncompliance.
- 25) As part of your audit, you assisted with preparation of the financial statements and disclosures. We acknowledge our responsibility as it relates to those nonaudit services, including that we assume all management responsibilities; oversee the services by designating an individual, preferably within senior management, who possesses suitable skill, knowledge, or experience; evaluate the adequacy and results of the services performed; and accept responsibility for the results of the services. We have reviewed, approved, and accepted responsibility for those financial statements and disclosures.
- 26) The District has satisfactory title to all owned assets, and there are no liens or encumbrances on such assets nor has any asset been pledged as collateral.
- 27) The District has complied with all aspects of contractual agreements that would have a material effect on the financial statements in the event of noncompliance.
- 28) The financial statements include all component units, appropriately present majority equity interests in legally separate organizations and joint ventures with an equity interest, and properly disclose all other joint ventures and other related organizations.
- 29) The financial statements include all fiduciary activities required by GASBS No. 84 , if any.
- 30) The financial statements properly classify all funds and activities, in accordance with GASB Statement No. 34, as amended.

- 31) All funds that meet the quantitative criteria in [GASBS Nos. 34](#) and [37](#) for presentation as major are identified and presented as such and all other funds that are presented as major are particularly important to financial statement users.
- 32) Components of net position (net investment in capital assets; restricted; and unrestricted), and classifications of fund balance (nonspendable, restricted, committed, assigned, and unassigned) are properly classified and, if applicable, approved.
- 33) Investments are properly valued.
- 34) Provisions for uncollectible receivables have been properly identified and recorded.
- 35) Expenses have been appropriately classified in or allocated to functions and programs in the statement of activities, and allocations have been made on a reasonable basis.
- 36) Revenues are appropriately classified in the statement of activities within program revenues, general revenues, contributions to term or permanent endowments, or contributions to permanent fund principal.
- 37) Deposits and investment securities and derivative instruments are properly classified as to risk and are properly disclosed.
- 38) Capital assets, including infrastructure and intangible assets, are properly capitalized, reported, and, if applicable, depreciated or amortized.
- 39) We have appropriately disclosed the District's policy regarding whether to first apply restricted or unrestricted resources when an expense is incurred for purposes for which both restricted and unrestricted net position is available and have determined that net position is properly recognized under the policy.
- 40) We are following GASB Statement No. 54, to determine the fund balance classifications for financial reporting purposes.
- 41) We acknowledge our responsibility for the required supplementary information (RSI). The RSI is measured and presented within prescribed guidelines and the methods of measurement and presentation have not changed from those used in the prior period. We have disclosed to you any significant assumptions and interpretations underlying the measurement and presentation of the RSI.
- 42) With respect to the Supplemental Information as listed in the table of contents to the financial statements:
 - a) We acknowledge our responsibility for presenting the Supplemental Information in accordance with accounting principles generally accepted in the United States of America, and we believe the Supplemental Information, including its form and content, is fairly presented in accordance with accounting principles generally accepted in the United States of America. The methods of measurement and presentation of the Supplemental Information have not changed from those used in the prior period, and we have disclosed to you any significant assumptions or interpretations underlying the measurement and presentation of the supplementary information.
 - b) If the Supplemental Information is not presented with the audited financial statements, we will make the audited financial statements readily available to the intended users of the supplementary information no later than the date we issue the supplementary information and the auditor's report thereon.
- 43) The District understands that TABOR (Section 20 of Article X of the Colorado Constitution) is complex and subject to interpretation and that many of the provisions will require judicial

interpretation. We have reviewed the various provisions and interpretations and believe to the best of our knowledge at this time, the District is in compliance.

- 44) We have directed that all banking and savings and loan institutions be notified of our assigned number which identifies that our deposits are subject to the respective Public Deposit Protection Act.

NORTHWEST LAKEWOOD SANITATION DISTRICT

Member of the Board of Directors**

District Manager

** This letter is executed as President and delivered with the understanding that the statements made herein are made on behalf of the Northwest Lakewood Sanitation District in the capacity as President, and to the best of his/her current, actual and personal knowledge without separate independent investigation and without imputation of any other persons' knowledge.

Adj. Journal Entries
Northwest Lakewood Sanitation District
12/31/2021

9/21/2022 5:22:11 PM

Done by:	Date:	Index:
Reviewer:	Date:	

AJE No.	Account Description	W/P Ref	Account Number	Debits	Credits
1	2021 Encumbrance Payable	TB	4-322	1,323,088.00	
1	Construction in Progress		4-167		1,323,088.00
To remove 2021 encumbrance payable at 12/31/21					
2	Unearned income	101-1	4-325	514,688.00	
2	Accounts Rec-Fac Renovtion Fee		4-143		514,688.00
To remove 1st quarter 2022 billing from accounts receivable and unearned income					
3	A/R Fee Cert to Cty Treasurer	B-2/B-3	4-144	7,716.00	
3	Accounts Rec-Fac Renovtion Fee		4-143		7,716.00
3	Accounts Rec-Fac Renovtion Fee		4-143	14,849.32	
3	Prepaid Fac Renovation Fee		4-321		14,849.32
3	Facilities Renovation Fees		4-539	23,673.00	
3	Accounts Rec-Fac Renovtion Fee		4-143		23,673.00
To adjust A/R and A/R Certified to the County at 12/31/21.					
4	Fund Balance	PY	4-450	41,272.53	
4	Service Fees-Commercial		4-540		41,272.53
4	Property Tax		1-510	6,859.10	
4	Beginning Fund Balance		1-501		6,859.10
To adjust beginning fund balance					
5	Accounts Payable	AA-1	1-310	29,494.00	
5	Prepaid Expenses		1-137		29,494.00
To remove 2022 insurance premium recorded as prepaid expense and accounts payable at 12/31/21.					
6	Sewer Lines	E	4-166	18,147.50	
6	2020 CIP		4-882		18,147.50
6	Construction in Progress		4-167	121,043.32	
6	2021 CIP		4-883		121,043.32
6	Depreciation		4-736	367,305.84	
6	Accumulated Depreciation		4-250		367,305.84
To record depreciation expense and adjust CIP and sewer lines at 12/31/21.					
7	NWLSD Treatment Chg-College Pk	300	4-721	258,944.06	
7	Treatment Charges		1-720		258,944.06
To reclassify College Park treatment expense at 12/31/21.					
8	Accounts Receivable-Commercial	103	4-140	51,118.02	
8	Service Fees-Commercial		4-540		51,118.02
To record commercial billing at 12/31/21.					
Totals				2,778,198.69	2,778,198.69

PRELIMINARY DRAFT

NORTHWEST LAKEWOOD SANITATION DISTRICT Assessed Value, Property Tax and Mill Levy Information

	2021 Actual	2022 Adopted budget	2023 Preliminary Budget
Assessed Valuation	\$ 246,658,967	\$ 271,652,683	\$ ^{PRELIMINARY AV FROM JEFFCO} 265,440,241
Mill Levy			
General Fund	7.696	7.696	7.696
Temporary Mill Levy Reduction	(1.664)	(2.046)	(1.841)
2021 Refund	-	(0.012)	-
Refunds and Abatements	0.015	0.023	-
Total Mill Levy	6.047	5.661	5.855
Property Taxes			
General Fund	\$ 1,898,287	\$ 2,090,639	\$ 2,042,828
Temporary Mill Levy Reduction	(410,441)	(555,801)	(488,675)
2021 Refund	-	(3,260)	-
Refunds and Abatements	3,700	6,248	-
Actual/Budgeted Property Taxes	\$ 1,491,546	\$ 1,537,826	\$ 1,554,153
Assessed Valuation	\$ 246,658,967	\$ 271,652,683	\$ 265,440,241
Mill Levy			
General Fund	7.696	7.696	7.696
Temporary Mill Levy Reduction	(1.664)	(2.046)	-
2021 Refund	-	(0.012)	-
Refunds and Abatements	0.015	0.023	-
Total Mill Levy	6.047	5.661	7.696
Property Taxes			
General Fund	\$ 1,898,287	\$ 2,090,639	\$ 2,042,828
Temporary Mill Levy Reduction	(410,441)	(555,801)	-
2021 Refund	-	(3,260)	-
Refunds and Abatements	3,700	6,248	-
Actual/Budgeted Property Taxes	\$ 1,491,546	\$ 1,537,826	\$ 2,042,828

PRELIMINARY AV FROM JEFFCO
6,212,442
DECREASE
AV DECREASED TO BE VERIFIED AFTER AV IS PROVIDED PENDING THE VOTE

~~~~ diff \$488,675 based on Preliminary AV and no additional refunds, rebates or abatements*

PRELIMINARY DRAFT FOR DISCUSSION

NORTHWEST LAKEWOOD SANITATION DISTRICT

VERSION I

GENERAL FUND

2023 Preliminary Budget

with 2021 Actual, 2022 Budget, and 2022 Estimated

	2021 YTD Actual	01/22-08/22 YTD Actual	2022 Adopted Budget	2022 Estimated	2023 Preliminary Budget
1-501 BEGINNING FUND BALANCE	\$ 911,840	810,586	870,415	810,586	\$ 953,895
REVENUE					
1-510 Property Tax	1,488,472	1,530,184	1,537,826	1,537,826	1,554,153
1-515 Specific Ownership Tax	114,450	60,542	108,000	91,000	96,000
1-575 Interest & Misc. Income	12,492	21,321	12,000	30,000	36,000
1577 Permit Revenue	-	-	-	-	-
Total Revenue	1,615,414	1,612,047	1,657,826	1,658,826	1,686,153
Total Funds Available	2,527,254	2,422,633	2,528,241	2,469,412	2,640,048
EXPENDITURES					
Administration					
1-612 Accounting	28,420	24,908	30,000	32,000	36,000
1-614 Administration	61,474	51,104	48,000	60,000	60,000
1-615 Audit	5,742	-	6,500	6,500	6,500
1-616 Billing	32,766	25,679	32,000	33,000	32,000
1-618 Bank Charges	63	20	120	30	120
1-619 Consultant	-	15,000	-	60,000	-
1-620 Director's Fees	8,500	3,900	6,000	6,000	6,000
1-630 Dues & Subscriptions	1,238	1,238	1,250	1,250	1,400
1-635 Election and Publication	-	2,195	25,000	25,000	25,000
1-670 Insurance and Bonds	36,242	20,623	45,000	30,484	45,000
1-675 Legal	51,119	34,157	48,000	51,235	48,000
1-677 Website	1,344	800	2,000	1,200	2,000
1-685 Miscellaneous Expenses	158	-	1,000	-	1,000
1-690 Office Supplies	3,543	1,373	5,000	2,060	5,000
1-693 Payroll Taxes-Directors	650	298	459	459	459
1-700 Treasurer's Fees	22,449	22,847	23,067	23,067	23,312
Total Administrative	253,708	204,142	273,396	332,284	291,791

THIS VERSION ASSUMES THE CURRENT POSITION AND THE BALLOT ISSUE FAILS

VERSION 1 / DRAFT

NORTHWEST LAKEWOOD SANITATION DISTRICT

GENERAL FUND

2023 Preliminary Budget

with 2021 Actual, 2022 Budget, and 2022 Estimated

	2021 YTD Actual	01/22-08/22 YTD Actual	2022 Adopted Budget	2022 Estimated	2023 Preliminary Budget
Operations and Maintenance					
1-720 Treatment Charges	1,462,961	887,425	1,183,233	1,183,233	1,124,822
1-745 Engineering	-	-	60,000	-	60,000
1-765 Utilities	-	-	4,000	-	4,000
1-795 Contingency	-	-	150,000	-	150,000
Total Operations and Maintenance	1,462,961	887,425	1,397,233	1,183,233	1,338,822
Total Expenditures	1,716,668	1,091,566	1,670,629	1,515,517	1,630,613
Transfers and Other Uses					
1-895 Emergency Reserve	-	-	49,735	-	50,585
1-897 Transfer to Enterprise Fund	-	-	-	-	-
Total Transfers and Other (Uses)	-	-	49,735	-	50,585
Total Expenditures Requiring Appropriation	1,716,668	1,091,566	1,720,364	1,515,517	1,681,198
ENDING FUND BALANCE	\$ 810,586	\$ 1,331,067	807,877	\$ 953,895	\$ 958,850

NOTES TO GENERAL FUND

PRELIMINARY DRAFT FOR DISCUSSION

VERSION 2

NORTHWEST LAKEWOOD SANITATION DISTRICT

GENERAL FUND 2023 Preliminary Budget with 2021 Actual, 2022 Budget, and 2022 Estimated

	2021 YTD Actual	01/22-08/22 YTD Actual	2022 Adopted Budget	2022 Estimated	2023 Preliminary Budget
1-501 BEGINNING FUND BALANCE	\$ 911,840	810,586	870,415	810,586	\$ 953,895
REVENUE					
1-510 Property Tax	1,488,472	1,530,184	1,537,826	1,537,826	2,042,828
1-515 Specific Ownership Tax	114,450	60,542	108,000	91,000	96,000
1-575 Interest & Misc. Income	12,492	21,321	12,000	30,000	36,000
1577 Permit Revenue	-	-	-	-	-
Total Revenue	1,615,414	1,612,047	1,657,826	1,658,826	2,174,828
Total Funds Available	2,527,254	2,422,633	2,528,241	2,469,412	3,128,723
EXPENDITURES					
Administration					
1-612 Accounting	28,420	24,908	30,000	32,000	36,000
1-614 Administration	61,474	51,104	48,000	60,000	60,000
1-615 Audit	5,742	-	6,500	6,500	6,500
1-616 Billing	32,766	25,679	32,000	33,000	32,000
1-618 Bank Charges	63	20	120	30	120
1-619 Consultant	-	15,000	-	60,000	-
1-620 Director's Fees	8,500	3,900	6,000	6,000	6,000
1-630 Dues & Subscriptions	1,238	1,238	1,250	1,250	1,400
1-635 Election and Publication	-	2,195	25,000	25,000	25,000
1-670 Insurance and Bonds	36,242	20,623	45,000	30,484	45,000
1-675 Legal	51,119	34,157	48,000	51,235	48,000
1-677 Website	1,344	800	2,000	1,200	2,000
1-685 Miscellaneous Expenses	158	-	1,000	-	1,000
1-690 Office Supplies	3,543	1,373	5,000	2,060	5,000
1-693 Payroll Taxes-Directors	650	298	459	459	459
1-700 Treasurer's Fees	22,449	22,847	23,067	23,067	30,642
Total Administrative	253,708	204,142	273,396	332,284	299,121

THIS VERSION ASSUMES THE BALLOT ISSUE PASSES
AND BECOMES EFFECTIVE 01/01/2023.

VERSION 2/DRAFT

NORTHWEST LAKEWOOD SANITATION DISTRICT

GENERAL FUND 2023 Preliminary Budget with 2021 Actual, 2022 Budget, and 2022 Estimated

	2021 YTD Actual	01/22-08/22 YTD Actual	2022 Adopted Budget	2022 Estimated	2023 Preliminary Budget
Operations and Maintenance					
1-720 Treatment Charges	1,462,961	887,425	1,183,233	1,183,233	1,124,822
1-745 Engineering	-	-	60,000	-	60,000
1-765 Utilities	-	-	4,000	-	4,000
1-795 Contingency	-	-	150,000	-	150,000
Total Operations and Maintenance	1,462,961	887,425	1,397,233	1,183,233	1,338,822
Total Expenditures	1,716,668	1,091,566	1,670,629	1,515,517	1,637,943
Transfers and Other Uses					
1-895 Emergency Reserve	-	-	49,735	-	65,245
1-897 Transfer to Enterprise Fund	-	-	-	-	-
Total Transfers and Other (Uses)	-	-	49,735	-	65,245
Total Expenditures Requiring Appropriation	1,716,668	1,091,566	1,720,364	1,515,517	1,703,188
ENDING FUND BALANCE	\$ 810,586	\$ 1,331,067	807,877	\$ 953,895	\$ 1,425,535

NOTES TO GENERAL FUND



PRELIMINARY DRAFT FOR DISCUSSION

NORTHWEST LAKEWOOD SANITATION DISTRICT

ENTERPRISE FUND 2023 Preliminary Budget with 2021 Actual, 2022 Adopted Budget, and 2022 Estimated

	2021 Actual	01/22-08/22 YTD Actual	2022 Adopted Budget	2022 Estimated	2023 Preliminary Budget
4-501 BEGINNING FUND BALANCE	\$ 8,819,431	\$ 10,966,654	\$ 6,070,313	\$ 10,966,654	\$ 11,319,779
REVENUE					
4-520 Service Agreement-Westridge	2,275	-	2,350	2,350	3,600
4-525 Service Agreement-Applewood	-	-	8,000	8,000	8,000
4-535 Treatment Chgs-College Park	258,944	104,716	209,432	209,432	199,094
4-536 Maintenance-College Park	89,291	-	-	-	-
4-539 Facilities Renovation Fees	2,247,613	1,677,410	2,250,000	2,250,000	2,250,000
4-540 Service Fees-Commercial	-	27,941	-	30,000	30,000
4-555 Tap Fees	165,920	9,420	38,000	9,420	38,880
4-557 Grease Trap Inspection	3,725	5,005	12,000	7,500	12,000
4-560 Interest Income	2,527	24,726	4,000	36,000	42,000
4-570 Transfer Service Fee	6,049	2,240	6,000	3,350	3,500
4-590 Denver Water Service Agreement	37,119	-	37,000	37,000	37,000
4-596 Inspection Fees	4,950	2,400	6,000	3,600	5,400
4-598 Permit Fees	450	425	400	638	-
4-597 Transfer from General Fund	-	-	-	-	-
Total Revenue	2,818,863	1,854,283	2,573,182	2,597,290	2,629,474
Total Funds Available	11,638,294	12,820,937	8,643,495	13,563,944	13,949,253
EXPENDITURES					
Administrative					
4-616 Billing	27,029	14,136	24,000	21,204	24,000
4-675 Legal	783	-	750	-	750
4-685 Miscellaneous Expenses	-	-	500	-	500
4-700 Treasurer's Fees	-	-	450	-	450
Total Administrative	27,812	14,136	25,700	21,204	25,700
Operations and Maintenance					
4-725 Treatment Charges-Westridge	10,165	-	16,500	-	-
4-726 Treatment Charges-Applewood	-	-	-	-	-
4-730 Tap Fees-Metro's Portion	82,884	4,710	18,500	4,710	19,440
4-740 Repairs & Maintenance-Lines	20,639	37,598	10,000	38,000	25,000
4-741 COS-Grease Trap	-	-	9,500	-	9,500
4-742 COS-Locates	62,767	52,889	60,000	80,000	62,500
4-746 COS-Collection System Oversight	108,297	64,701	95,000	95,000	100,000
4-747 COS-Daily Operations	-	-	16,000	-	16,000

TO BE RECALCULATED ON NEW HOVEMENTS

** FROM NEW CIP*

DOES NOT INCLUDE 2100 YOUNGFIELD CONSTRUCTION

PENDING REVIEW & APPROVAL OF NEW RATES

PENDING NEW CALCULATION FROM M/M

DRAFT

NORTHWEST LAKEWOOD SANITATION DISTRICT

ENTERPRISE FUND
2023 Preliminary Budget
 with 2021 Actual, 2022 Adopted Budget, and 2022 Estimated

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	2021 Actual	01/22-08/22 YTD Actual	2022 Adopted Budget	2022 Estimated	2023 Preliminary Budget
4-748 COS-Emergency Service	4,965	3,068	12,000	5,000	12,000
4-749 COS-Maintenance	159,713	92,609	175,000	150,000	175,000
4-750 COS-Mineral Removal	470	-	-	-	-
4-765 Utilities	-	210	250	250	250
Total Operations and Maintenance	449,900	255,785	412,750	372,960	419,690
Capital Outlay					
4-810 Sewer Lines/Eng./Observ.	54,737	48,409	400,000	75,000	400,000
4-883 2021 CIP	121,043	1,599,196	-	1,600,000	-
4-884 2022 CIP	-	129,606	2,100,000	175,000	2,100,000
Total Capital Outlay	193,927	1,777,211	2,500,000	1,850,000	2,500,000
Total Expenditures Requiring Appropriation	671,639	2,047,132	2,938,450	2,244,164	2,945,390
ENDING FUND BALANCE	\$ 10,966,655	\$ 10,773,805	\$ 5,705,045	\$ 11,319,779	\$ 11,003,863

PENDING FINAL
 COMPLETION BY M/M



Northwest Lakewood Sanitation District

Monthly Report

August 1-31, 2022

Mon	8/1	Performed 1 tap inspection at 1475 Kingsbury Ct. Responded onsite to 1 emergency locate for an H2O main repair at 3291 Routt St. outside of normal business hours. Performed 4 locates. Performed 1 bore meet locate.
Tues	8/2	Performed 1 tap inspection at 3445 Simms St. Performed 5 work orders. Performed 9 locates.
Wed	8/3	Responded onsite to 1 emergency locate for a fiber repair at W. 20 th Ave. & Union Dr. during normal business hours. Responded onsite to 1 emergency locate for gas service repair/replace at 3170 Alkire St. during normal business hours. Performed 1 locate.
Thurs	8/4	Performed 2 locates.
Fri	8/5	Performed 15 grease trap inspections. Performed 1 tap inspection at 12900 Willow Ln.
Mon	8/8	Performed 24 grease trap inspections. Performed 1 locate. Performed 2 bore meet locates. Performed 6 work orders.
Tues	8/9	Responded to a possible back-up at 2 Hillside Dr. Performed 3 locates.
Wed	8/10	Performed 1 work order. Performed 1 locate.
Thurs	8/11	Performed 1 tap replacement inspection at 1700 View Point Rd. Performed 1 locate.
Fri	8/12	Performed 1 tap inspection at 3153 Benton St. Performed 2 locates.
Tues	8/16	Performed 1 locate.

Wed	8/17	Responded via phone to 1 emergency locate for electric pole replacement at 2300 Lee St. outside of normal business hours. Performed 4 locates.
Thurs	8/18	Responded on site to a sinkhole forming at W. 26 th Ave. & Oak St. Performed 2 locates.
Fri	8/19	Performed 1 tap inspection at 11820 Carmel Dr. Performed 3 locates. Performed 1 bore meet locate.
Sat	8/20	Responded via phone to 1 emergency locate for an H2O main repair at 3880 Oak St. outside of normal business hours.
Mon	8/22	Performed 4 locates.
Tues	8/23	Responded on site to 1 emergency locate for gas service replacement at 11885 W. 30 th Pl. during normal business hours.
Wed	8/24	Responded onsite to 1 emergency locate for an H2O main repair at 2282 Coors Dr. during normal business hours. Performed 2 bore meet locates.
Tues	8/30	Responded onsite to 1 emergency locate for a gas service/main repair at 13488 W. 25 th Pl. outside of normal business hours. Performed 4 locates. Performed 1 tap inspection at 13195 W. 16 th Dr.
Wed	8/31	Performed 2 work orders.

Task #3 - Maintenance Services				
	Projected 2022 Footage	YTD Actual 2022 Footage	Current Monthly 2022 Footage	YTD Percentage 2022
	Zone A			
Jetting				
14" or Less		99,471.0		
15 or More"		3,794.0	1,167.0	
Easement		712.0		
Total Jetting	112,098.0	103,977.0	1,167.0	93%
Televising				
14" or Less				
15 or More"				
Total Televising	0.0	0.0	0.0	0%
Accelerated Maintenance				
Non-Routine Jetting		2,240.0		
Non-Routine Televising		1,174.0		
Hot Spot Jetting		10,843.0	10,843.0	0%
Hot Spot Televising		12,033.0	12,033.0	0%
Accelerated Jetting		3,205.0	1,068.0	0%
Annual Root Televising		6,601.5	6,601.5	0%
Annual Root Cut		7,923.0	7,923.0	0%
Annual Mineral Cleaning		3,515.0	3,515.0	0%
Annual Mineral Televising		3,636.3	3,636.3	0%
Total Accelerated Maintenance	0.0	51,170.8	45,619.8	0%
Total Length of Cleaning	112,098.0	129,463.0	13,673.0	115%
Total Length of Televising	0.0	23,444.8	22,270.8	0%
Total Task #3	112,098.0	204,078.6	81,563.6	182%

Northwest Lakewood Sanitation District
Summary for August 1-31, 2022

August 1, 2022

3291 Routt St.

Emergency Locate

On Monday, August 1, 2022, at 6:00pm, Mark Doody of REC. Inc. was contacted by Colo811 regarding an emergency locate for an H2O main repair at 3291 Routt St. Mark arrived on site and located and marked the District mains. Mark then met with Brandon (720-417-1650) of Consolidated Mutual Water Company, went over the locate marks with him and departed the site. No further action is needed at this time.

Total time on this issue: Mark Doody – 2.25hrs.

August 9, 2022

2 Hillside Dr.

Possible Back-Up

On Tuesday, August 9, 2022, at 1:00pm, Ismael Gomez and Mark Doody both of REC. Inc. were contacted by Alysia Padilla of Special District Management Services regarding a possible back-up at 2 Hillside Dr. Ismael contacted Ms. Maryann Marcoux, the property owner (303-238-9446), and informed her they were on their way to the site. Ismael and Mark arrived on site and proceeded to open the upstream and downstream manholes, DG-1, and D-19 respectively, and observed normal flows with no signs of standing water in either of the manholes. Ismael contacted Ms. Marcoux and informed her the issue was not in the District main and recommended she contact a plumber. Ismael and Mark cleared Northwest Lakewood Sanitation District and departed the site. No further action is needed at this time.

Total time on this issue: Ismael Gomez – 1.00hrs.

Mark Doody – 1.00hrs.

August 17, 2022

2300 Lee St.

Emergency Locate

On Wednesday, August 17, 2022, at 6:00pm, David Moore of REC. Inc. was contacted by Colo811 regarding an emergency locate for an electric pole replacement at 2300 Lee St. David contacted Keefe Myers (303-895-1396) of Xcel Energy to get more information about the work and work area and was informed they would be working in the back and in the middle of the two houses at this location. David consulted tap cards for this area and determined the District main is clear of the work area. David cleared Northwest Lakewood Sanitation District. No further action is needed at this time.

Total time on this issue: David Moore -- .75hrs.

August 18, 2022

W. 26th Ave. & Oak St.

Sinkhole Forming

On Thursday, August 18, 2022, at 1:15pm, Mark Doody and David Moore both of REC. Inc. were contacted by Ismael Gomez also of REC. Inc. regarding a sinkhole investigation at W. 26th Ave. & Oak St. Mark and David arrived on site, took pictures, opened the manhole and observed normal flows. They then sent the pictures to Ismael and departed the site. It was determined this is not sanitary sewer caused and is not an issue for the Northwest Lakewood Sanitation District. No further action is needed at this time.

Total time on this issue: Mark Doody -- .25hrs.

David Moore -- .25hrs.

August 20, 2022

3880 Oak St.

Emergency Locate

On Saturday, August 20, 2022, at 9:30pm, Jeff LeBeck of REC. Inc. was contacted by Colo811 regarding an emergency locate for an H2O main repair at 3880 Oak St. Jeff determined this address to be out of District for Northwest Lakewood Sanitation District and contacted Austin Pearson (303-238-0453) of Consolidated Mutual Water and informed him of this. No further action is needed at this time.

Total time on this issue: Jeff LeBeck -- .25hrs.

August 30, 2022
13488 W. 25th Pl.
Emergency Locate

On Tuesday, August 30, 2022, at 9:40pm, Andrew George of REC. Inc. was contacted by Colo811 regarding an emergency locate for a gas service/main repair at 13488 W. 25th Pl. Andrew contacted Cory Greenfield (303-257-9386) of Xcel Energy to obtain more information on the work and work area and with this information determined a site visit was necessary. Andrew arrived on site, marked the main, went over the locate marks with Mr. Greenfield and departed the site. No further action is needed at this time.

Total time on this issue: Andrew George – 2.00hrs.

**Northwest Lakewood Sanitation District
Engineering Report
September 28, 2022**

2021 - Approximate Linear Footage

- 112,097 LF Total in Zone A.
- 36,550 LF Hot Spots which include Accelerated Maintenance, Mineral Cleaning, and Root Cut in all zones. Signed contracts were received from Insituform on September 9, 2021, and the District has execute them. Pay request No. 6 is attached for review and payment based on work completed the past two months on the 2021 CIP. 07/27/2022 – Ramey provided current maintenance pricing for CIP which will be implemented into the 2022 report. The 2021 Improvements are close to complete with some minor final paving to take place. A final pay request will be submitted by next Board Meeting. 08/25/2022 – the project for 2021 improvements is complete and a final pay request will be provided in September. Final payment of retainage will be advertised so the payment in September will be final.

UPDATE: 09/26/22 – Final pay request for retainage reimbursement is attached. The legal notice of final payment was advertised for two weeks and no claims received.

M/M sent the requested photos, map, graph and Long-Range Plan to Roger Sherman along with a list of 2022 projects.

2259 Kipling St. – Triplex (8/16/22 – New Submittal vs. 2021)

Update: 09/26/2022 – M/M received plans for the Sanitary Sewer Service at 2259 Kipling St. M/M sent a Certificate of Sanitary Sewer Service Availability. Each unit of the Triplex will extend a service into Kipling.

11733 W. 33rd Ave – Lafata Remodel – Single Family Residential

Update: 09/26/22 – M/M sent a referral letter for this project. M/M sent a Proof of Submit after being notified that they are not adding another kitchen, just updating the existing kitchen.

3400 Pierson St. – Prospect Valley Elementary

The Districts 10" mainline that runs across the School's property within and easement, needs to be relocated to accommodate plans for a new school. A 12" will be required from the point of intercept north on Quail to the end of the Cul-de Sac. We have addressed all questions to date asked by the School with exception of existing taps which we have the information available. An acceptance letter was sent to JVA on July 8, 2021. A pre-con meeting was held on September 2, 2021. A relocation agreement was also sent to the Developer for this effort. 1) The temporary easement was sent to the District on October 19th and appears acceptable. The District's Attorney has drafted the easement agreement allowing a temporary line realignment. As part of the temp easement, the vacation of the existing easement will take place. Temporary construction began on January 8, 2022. Jeffco was desiring to leave the temp line in place and were told this would not work due to long term maintenance. MM gave comments on sanitary plans on 4/20/22. A revision was received 5/17 and final review provided 5/18. Plans are acceptable and work is anticipated to go forward in the next couple of weeks. 06/22/2022 - Neighbor on the north end of the cul de sac has retaining walls and plantings in the right of way. COWR needs to reach out to neighbor to explain the work and how it may impact them. Also recommended taking preconstruction pictures. Sent out Sanitary Submittals and the reviewed concrete mix submittal for the MH bases. Waiting on Flow Fill Submittal. 07/27/2022 - Additional submittals were reviewed for flow-fill and MH base. The School District hired a new contractor for the construction of the Sanitary main and a preconstruction meeting was held. Work is commencing this month. 08/25/2022 – M/M received an RFI for review from GH Phipps, M/M responded that we are only handling the Sanitary aspect and the RFI will need to go through the jurisdiction for the storm portion. A differing concrete mix design was brought to the field and M/M requested and received the mix design with a new supplier. A resident contacted Steve regarding the inspection of sewer line improvement work – he was



concerned that he had not seen anyone inspecting the work being done. M/M confirmed that Joe Valdez has been on site to witness each service connection to the mainline and is on-site twice a day normally.

UPDATE: 09/26/2022 – Inspection of the Grease Interceptor has been completed. Sanitary Sewer Work has been completed. M/M is ready to start on Conditional Acceptance items, M/M checked in with the District regarding the project being over budget. The District is requesting additional funds.

12601 W. 32nd Ave. (Valvoline Instant Oil Change) 4-4-22

Proposed Valvoline Oil Change development. Availability letter sent out. Received the next submittal along with the Comment Response Letter. 08/25/2022 – M/M received signed MEP plans, oil interceptor sizing calculations, and plumbing plans for review, M/M reviewed and noticed that the interceptor is below the minimum required. An acceptance letter was not yet sent.

UPDATE: 09/26/2022 – Revised drawings were sent to show updated sizing of the oil/sand interceptor. M/M sent plan approval for sand/oil interceptor.

2100 Youngfield – Land Use

M/M received plans for a proposed Long-Term Temporary Use for surface parking development on December 7, 2018. A list of all required items for conditional approval was conveyed to the Developer on May 13, 2021. MM visited the sight and spoke with the Superintendent on June 2, 2021 reminding them about the need to abandon the center MH and cap the abandoned service line at the property line. MM inspected the air testing on July 9, 2021. Construction continues. Work has picked back up and air testing is being re-tested and connections are being completed. The site passed air testing on September 17, 2021. Outstanding items include: PLS stamped as-built drawings, tracer wire testing, M/M to witness the abandonment of existing lines, and CCTV of the sanitary lines after jetting. Taps should not be sold until conditional acceptance of the sanitary extension. Compaction reports and photos of the abandoned manhole and capped sanitary line still need to be received from the Contractor to initiate conditional acceptance. Received documentation of completed tracer wire testing. Still needing as-built survey and documentation of abandonment of old mainline which can take place at the MH in the street. Coordination related to tap fee payment is on-going. Service line observation will be accomplished using CCTV. 05/25/2022 - Meeting on 5/10/22 to discuss tap fees for SFRE's based on water meter sizing. The Developer (Guy Brazell) was informed of the connection fees for the five buildings. Taps were made and extended to the building but had not been observed. The developer will CCTV the service lines and we will review for acceptability. A request to delay connection fee payment on the 3 buildings not currently under construction was made by the developer. Option have been discussed and a recommendation to the Board will be made. 06/22/2022 - Options on how to proceed were discussed by The Board. We are waiting on CCTV footage of each service. Sent out current fees. 07/27/2022 – CCTV was reviewed and there is heavy debris in some of the taps, these will need to be flushed before receiving Conditional Acceptance. JBC Ent. Inc stated the lines have already been cleaned and flushed. Re-televising the lines will begin once the Exterior Contractor is done working on Building 1 & 2. The District's Attorney has created the lien document to phase connection fees. This has been reviewed by M/M and the Manager. 08/25/2022 – M/M received the Notice of Lien and coordinated the correct amount needed to cover tap and connection costs. As of 08/01/2022 Randy Craven will be the new GC.

UPDATE: 09/26/2022 - None

3190 Youngfield St. (FirstBank Conversion) Logan Raukar (6/23/2022)

07/27/2022 - Logan Raukar inquired on connection fees for the conversion of the FirstBank to a Fast-Food Restaurant. M/M gave information on the estimated fees, and requested a concept plan, PE stamped calculation for the grease interceptor, contact info for the property owner, developer, and engineers. M/M also stated a flow study might be required. 08/25/2022 – M/M received the requested Concept Site Plan. The Bank is simply being renovated. We are verifying if other tenants will have any need for grease interceptor but this appears to be a simple project with no effect on the sanitary.

UPDATE: 09/26/2022 - None



3123 and 3143 O'Hayre Court, Lakewood CO – Combined Lot Project - Tim and Donna O'Hayre (05/25/2022)

06/22/2022 – Combing 2 Lots into one. Requested a Will Serve Letter. M/M sent out referral letter. A Submittal of the residence fixtures and Barn/Loft details were requested. 08/28/2022 – M/M received notice that Formal Development Application and related docs were submitted to City of Lakewood. M/M sent a referral letter.

UPDATE: 09/26/2022 - None

1991 Youngfield St. (Applewood Beer Garden) Juan Sanchez 4-14-22

Proposed bar and restaurant. MM in review for initial referral and plans. 06/22/2022 – Sent referral along with a signed 1001 Form. Sent location of manholes for easier locating. They will need to open manholes to get the elevation and inverts of the manholes. 08/25/2022 – Juan Sanchez requested Construction Details for the District, M/M sent him the information he was looking for. Juan is wanting an update on the sanitary proposal, M/M responded with a letter, and feedback, along with proof of submission. Juan asked for specific details for tracer wires and associated test stations and the Sampling Manhole, M/M responded with the information Juan was looking for.

UPDATE: 09/26/2022 - None

10490 W. 23rd Ave

07/27/2022 - M/M sent out referral letter for ADU for second kitchen in the basement of the residence. A connection fee would be required. M/M received updated plans and sent an edited referral letter. M/M sent out fees for the connection of the additional ADU.

UPDATE: 09/26/2022 - None

12700 W. Colfax Ave – Senior Living

7/27/2022 - A Sanitary will-serve letter from NWLSD has been requested for 12700 W Colfax Ave. 155 units are proposed. M/M sent a referral letter for this project.

UPDATE: 09/26/2022 - None

2070 Willow Lane (Residential Accessory Dwelling Unit (Kiplund Kolkmeier) 7/18/2022

07/27/2022 - Kiplund asked what is needed to get approval from NWLSD to add an accessory dwelling unit to his residence. Information required includes full set of plans with plumbing. The ADU wishes to connect through the current home sewer line. A connection fee and unification agreement would be required if allowed to connect to the existing service line.

UPDATE: 09/26/2022 - None

9755 W. 25th Ave

07/27/2022 - Received signed forms for the sewer availability at 9755 W. 25th Ave. The owner stated Lakewood changed the address, and the plans have not changed since October. A proof of submission was provided.

UPDATE: 09/26/2022 - None

20th Ave Oak to Nelson – City of Lakewood Storm and Road Improvements: (Ray) 3/3/22

M/M provide FIR comments and attended the FIR meeting to provide comments. There is a line that is anticipated to need lowering the crosses 20th near Nelson St. 05/25/2022 - Double R Excavating received contract from City of Lakewood for improvements. Would like to start improvements 5/31/22. A pre-construction meeting was held and attended by M/M.

UPDATE: 09/26/2022 - None

11324 West 38th Ave – Osborne (Westridge) Connection to NWLSD

11324 W. 38th will need to work with Westridge to obtain service instead of Northwest Lakewood. 05/25/2022 - A deposit and tap fee has been made to the District office. Agreements are in process to incorporate conditions needed for completion of the service connection. 06/22/2022 – Waiting on documentation, and information from the original surveyor in 2018. Additionally, the design for connection is still needed.

UPDATE: 09/26/2022 - None



2479 Alkire St. new Construction 4/29/22

An inquiry was made and the owner was told by the District manager to submit appropriate plans for review.

UPDATE: 09/26/2022 - None

1325 Normandy – Jim Skeen (303-809-0027) ADU addition to Single Family

Coordination took place as to needed plan review and ADU requiring an additional tap connection fee. The proof of submission was received on October 22 and returned to the Owner with an availability letter on October 25th.

UPDATE: 09/26/2022 - None

2419 Ward – Dave Coggeshall (303) 917-5230 (Cell) Or (303) 777-0894 (Office)

Coordination took place as to plan review and ADU requiring an additional tap connection fee was coordinated by District manager. 05/25/2022 - An inquiry related to an RV dump at the site was made. Coordination on if the Dump station is allowable and if a tap fee is required.

UPDATE: 09/26/2022 - None

3291 Youngfield Service Road - Vacant lot adjacent to Denny's (Samir Jupic) 7/27/2022

08/25/2022 - Samir with a firm in Houston wanted further information on the Vacant lot at 3291 Youngfield, M/M called to discuss. M/M received a Concept Site Plan for a Car Wash, and sent a referral letter for the project. It appears they may be thinking a 4" – 6" water meter.

UPDATE: 09/26/2022 – None

Miscellaneous

- 07/27/2022 – Jessie Waldon is purchasing 5 Parcels that make the Loeville property. There is apparently a ditch where a road is going to be placed and that's where our sanitary line is located. Steve responded saying that NWLWSD we don't own the "ditch" but our line is buried 8' to 10' deep. We will need to review the plans to be sure proper cover over the main is maintained.
- 07/27/2022 - M/M is working on getting Proposals for surveying 650 Manholes for NWLWSD Flow Study.
08/25/2022 – M/M adjusted the number of manholes to approx. 468 – a revised scope was sent and work will begin first of October.
- **09/26/2022 – Received call about sinkhole at 26th and Oak St. Pavement on Oak St is bad, but not due to sewer construction or over sewer line.**
- **09/26/2022 – Schematic Maps of NWLSD were sent to Topographic for a project being worked on at Stober Elementary School.**
- **09/26/2022 – M/M received a proposal for a time/cost estimate for sanitary system survey from Flat Irons, Inc. Flat Irons, Inc. let M/M know they can start mid-September.**
- **09/26/2022 – M/M send utilities maps for the vicinity of Pierson Court between W 38th Ave and W. 38th Place.**
- **09/26/2022 – Metro Water Recovery asked about a sliding scale for ADU's, there is no sliding scale for ADU's for the Districts or Metro.**
- **09/26/2022 – M/M received Metro Water Recovery 2023 budget, the districts budget has been decreased.**
- **09/26/2022 – M/M was notified that the owners of 11147 W. 27th rigged their home to discharge Sump Water into their drains going into the districts system. The owners rep was notified that this is a direct violation of the districts R&R. M/M suggested that an inspection of the sump be conducted, and see if fines are necessary.**

September 19, 2022

Steve Beck
Northwest Lakewood Sanitation District
141 Union Boulevard, Suite 150
Lakewood, Colorado 80228

Re: Northwest Lakewood Sanitation District – 2021 Sanitary Sewer Improvements
Martin/Martin, Inc. Project No.: 17.0638.C.08

Dear Mr. Beck,

Attached is the Application for Payment Number **Eight** for payment of retainage for work completed on the Northwest Lakewood Sanitation District – 2021 Sanitary Sewer Improvements project through August 2022. The publication for final payment will be accomplished in the Daily Journal and Jeffco Transcript on September 1st and 9th. No claims have been made to date but we will verify at the September Board Meeting.

Martin/Martin recommends approval of Application for Payment Number Eight, and a check prepared to Insituform Technologies, LLC for Payment of retainage in the amount of \$78,373.28. This amount includes the full amount of project retainage based on the required 5% of each pay request application.

If you have any questions, please feel free to contact me at your convenience.

Sincerely,

A handwritten signature in blue ink that reads 'Bill Willis'.

Bill Willis, P.E.
Principal

Cc: Eric Huss, Alex Fonov – Insituform Technologies, LLC



PAY APPLICATION #8

Project: Northwest Lakewood Sanitation District -
2021 Sanitary Sewer Improvements
Owner: Northwest Lakewood Sanitation District
Contractor: Insituform Technologies, LLC
For Period: Thru 08.15.2022

Date: September 19, 2022
Job No. 17.0638.C.04
Prep. By: KFK
Chkd. By: BPW

Original Contract Price	\$ 1,659,124.00
Additions to Original Contract Price	\$ (91,658.28)
Revised Contract Price	<u>\$ 1,567,465.72</u>
Total Work Completed to Date	\$ 1,567,465.72
Retainage Reimbursement Application = \$0.00	\$ 0.00
Net Earned	<u>\$ 1,567,465.72</u>
Less Previous Payments	\$ 1,489,092.44
Amount Due This Application	<u>\$ 78,373.28</u>

The undersigned Contractor certifies that: the amounts and values contained herein are correct; all work has been performed and/or supplied in accordance with the requirements of the Contract; no part of the Amount Due This Application has been received; title to all work, material, and/or equipment covered by this Application for payment will pass to Owner at time of payment, free and clear of all liens, claims, and encumbrances.

Contractor: Insituform Technologies, LLC

By: (See Attached Invoice) Date: 09.19.2022

This Application for Payment meets the requirements of the Contract and payment of the Amount Due is recommended.

MARTIN/MARTIN, Inc.

By:  Date: 09.19.2022

MARTIN/MARTIN	PAY APPLICATION 08
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PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS	Date: 9/19/2022
FOR PERIOD: RETAINAGE RELEASE	Job No.: 17.0638.C.08
OWNER: NORTHWEST LAKEWOOD SANITATION DISTRICT	Prep. By: BLT/ KFK
ENGINEER: MARTIN/MARTIN, INC.	Chk'd By: BW/ BLT
CONTRACTOR: INSITUFORM TECHNOLOGIES	

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
A1	Bid Schedule A (Point Repairs)																
	AD-1-1 to AD-1, W 31st PL - 8" Line, 10' Point Repair																
A1a	Point Repair: 167 LF to 177 LF (1 Service)	LF	10			\$ 909.00	\$ 9,090.00	\$ 9,090.00	10	100%	\$ 9,090.00	0%	\$ -	10	100%	\$ 9,090.00	
A1b	Remove/Replace Asphalt Pavement	LS	1			\$ 2,138.00	\$ 2,138.00	\$ 2,138.00	1	100%	\$ 2,138.00	0%	\$ -	1	100%	\$ 2,138.00	
A1c	Import Fill (trench width, if required)	LF	10	6	0	\$ 267.00	\$ 2,670.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A1d	Trench Stabilization (if required)	LF	10	6	0	\$ 251.00	\$ 2,510.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A1e	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A1f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A1g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A2	BOD-2-2B to BOD-2-2A, Winfield PL - 8" Line, (2) 5' Point Repairs																
A2a	Point Repair: 83 LF to 88 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00	0%	\$ -	5	100%	\$ 4,275.00	
A2b	Point Repair: 53 LF to 58 LF (0 Services)	LF	5			\$ 748.00	\$ 3,740.00	\$ 3,740.00	5	100%	\$ 3,740.00	0%	\$ -	5	100%	\$ 3,740.00	
A2c	Remove/Replace Asphalt Pavement	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A2d	Import Fill (trench width, if required)	LF	5	3	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A2e	Trench Stabilization (if required)	LF	5	3	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A2f	Cutoff Wall (if required)	EA	1	3	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A2g	Bypass Pumping	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00	0%	\$ -	1	100%	\$ 3,742.00	
A2h	Traffic Control	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00	0%	\$ -	1	100%	\$ 3,742.00	
A3	A-56A-4 to A-56A-3, Skyline Dr - 8" Line, 5' Point Repair																
A3a	Point Repair: 21 LF to 26 LF (0 Services)	LF	5	5	0	\$ 855.00	\$ 4,275.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A3b	Remove/Replace Asphalt Pavement	LS	1	5,7	1	\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00	0%	\$ -	1	100%	\$ 1,604.00	
A3c	Import Fill (trench width, if required)	LF	5	5	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -	0%	\$ -	0.0	100%	\$ -	
A3d	Trench Stabilization (if required)	LF	5	5	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A3e	Cutoff Wall (if required)	EA	1	5	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A3f	Bypass Pumping	LS	1	5,7	1	\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A3g	Traffic Control	LS	1	5,7	1	\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A3h	Flow Fill	LS	0	7	1	\$ 3,123.90	\$ -	\$ 3,123.90	1	100%	\$ 3,123.90	0%	\$ -	1	100%	\$ 3,123.90	
A4	BE-2 to BE-1 Union St - 8" Line, 5' Point Repair																
A4a	Point Repair: 56 LF to 61 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00	0%	\$ -	5	100%	\$ 4,275.00	
A4b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00	0%	\$ -	1	100%	\$ 1,604.00	
A4c	Import Fill (trench width, if required)	LF	5	3	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A4d	Trench Stabilization (if required)	LF	5	3	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A4e	Cutoff Wall (if required)	EA	1	3	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A4f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A4g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A5	AB-10-6-4A to AB-10-6-3A, Taft Ct - 8" Line, 5' Point Repair																
A5a	Point Repair: 23 LF to 28 LF (0 Service)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00	0%	\$ -	5	100%	\$ 4,275.00	
A5b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00	0%	\$ -	1	100%	\$ 1,604.00	
A5c	Import Fill (trench width, if required)	LF	5	6	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A5d	Trench Stabilization (if required)	LF	5	6	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A5e	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A5f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A5g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A6	AC-1 to A-30, W32nd Ave - 8" Line, 5' Point Repair																
A6a	Point Repair: 392 LF to 397 LF (0 Service)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00	0%	\$ -	5	100%	\$ 4,275.00	
A6b	Remove/Replace Asphalt Pavement	LS	1	7	0	\$ 1,604.00	\$ 1,604.00	\$ -		0%	\$ -	-100%	\$ -	0	100%	\$ -	
A6c	Import Fill (trench width, if required)	LF	5	7	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A6d	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A6e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A6f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A6g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00	0%	\$ -	1	100%	\$ 2,673.00	
A6h	Remove/Replace Concrete Pavement	LS	0	7	1	\$ 5,064.40	\$ -	\$ 5,064.40	1	100%	\$ 5,064.40	0%	\$ -	1	100%	\$ 5,064.40	
A7	BF-18-2 to BF-18-1, W33rd PI - 8" Line, 5' Point Repair																
A7a	Point Repair: 18 LF to 23 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00	0%	\$ -	5	100%	\$ 4,275.00	
A7b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00	0%	\$ -	1	100%	\$ 1,604.00	
A7c	Remove/Replace Landscaping	LS	1	3	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A7d	Import Fill (trench width, if required)	LF	5	3	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	
A7e	Trench Stabilization (if required)	LF	5	3	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -	0%	\$ -	0	100%	\$ -	

MARTIN/MARTIN **PAY APPLICATION 08**

PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS
 FOR PERIOD: RETAINAGE RELEASE
 OWNER: NORTHWEST LAKEWOOD SANITATION DISTRICT
 ENGINEER: MARTIN/MARTIN, INC.
 CONTRACTOR: INSITUFORM TECHNOLOGIES

Date: 9/19/2022
 Job No.: 17.0638.C.08
 Prep. By: BLT/ KFK
 Chk'd By: BW/ BLT

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
A7f	Cutoff Wall (if required)	EA	1	3	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -	0	0%	\$ -	0	100%	\$ -
A7g	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A7h	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A8	BG-3A-LH to BG-3A, Urban Ct - 8" Line, 5' Point Repair																
A8a	Point Repair: 105 LF to 110 LF (0 Service)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A8b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A8c	Import Fill (trench width, if required)	LF	5	4	0	\$ 267.00	\$ 1,335.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A8d	Trench Stabilization (if required)	LF	5	4	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A8e	Cutoff Wall (if required)	EA	1	4	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A8f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A8g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A9	C-3B-2-2 to C-3B-2-1, W 28th PI - 8" Line, 5' Point Repair																
A9a	Point Repair: 91 LF to 96 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A9b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A9c	Import Fill (trench width, if required)	LF	5	6	0	\$ 267.00	\$ 1,335.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A9d	Trench Stabilization (if required)	LF	5	6	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A9e	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A9f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A9g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A10	Z-7 to Z-6, Alkire St - 8" Line, 5' Point Repair																
A10a	Point Repair: 83 LF to 88 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A10b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A10c	Import Fill (trench width, if required)	LF	5	3	0	\$ 267.00	\$ 1,335.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A10d	Trench Stabilization (if required)	LF	5	3	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A10e	Cutoff Wall (if required)	EA	1	3	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A10f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A10g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A11	ZD-2-1 to ZD-2, W 22nd PI - 8" Line, 5' Point Repair																
A11a	Point Repair: 52 LF to 57 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A11b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A11c	Import Fill (trench width, if required)	LF	5	3	0	\$ 267.00	\$ 1,335.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A11d	Trench Stabilization (if required)	LF	5	3	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A11e	Cutoff Wall (if required)	EA	1	3	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A11f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A11g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A12	EA-4A-1 to EA-4A, W 22nd PI - 8" Line, 5' Point Repair																
A12a	Point Repair: 204 LF to 209 LF (Service)	LF	5	7	10	\$ 909.00	\$ 4,545.00	\$ 9,090.00	10	100%	\$ 9,090.00		0%	\$ -	10	100%	\$ 9,090.00
A12b	Remove/Replace Asphalt Pavement	LS	1	7	2	\$ 1,604.00	\$ 1,604.00	\$ 3,208.00	2	100%	\$ 3,208.00		0%	\$ -	2	100%	\$ 3,208.00
A12c	Import Fill (trench width, if required)	LF	5			\$ 267.00	\$ 1,335.00	\$ 1,335.00	5	100%	\$ 1,335.00		0%	\$ -	5	100%	\$ 1,335.00
A12d	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A12e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A12f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A12g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A12h	Additional Flow Fill Required	LS	0	7	1	\$ 3,204.00	\$ -	\$ 3,204.00	1	100%	\$ 3,204.00		0%	\$ -	1	100%	\$ 3,204.00
A13	E-8A-1 to E-8A, Easement - 8" Line, 5' Point Repair																
A13a	Point Repair: 29 LF to 34 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A13b	Remove/Replace Asphalt Pavement	LS	1	7	0	\$ 1,604.00	\$ 1,604.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A13c	Import Fill (trench width, if required)	LF	5	7	0	\$ 267.00	\$ 1,335.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A13d	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A13e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A13f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A13g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A13h	Remove/Replace Concrete Pavement	LS	0	7	1	\$ 3,414.40	\$ -	\$ 3,414.40	1	100%	\$ 3,414.40		0%	\$ -	1	100%	\$ 3,414.40
A14	AB-11-2 to AB-11-1, W 28th Ave - 8" Line, 5' Point Repair																
A14a	Point Repair: 59 LF to 64 LF (0 Services)	LF	5	5	0	\$ 855.00	\$ 4,275.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A14b	Remove/Replace Asphalt Pavement	LS	1	5	0	\$ 1,604.00	\$ 1,604.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A14c	Import Fill (trench width, if required)	LF	5	5	0	\$ 267.00	\$ 1,335.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A14d	Trench Stabilization (if required)	LF	5	5	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -

MARTIN/MARTIN **PAY APPLICATION 08**

PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS
 FOR PERIOD: RETAINAGE RELEASE
 OWNER: NORTHWEST LAKEWOOD SANITATION DISTRICT
 ENGINEER: MARTIN/MARTIN, INC.
 CONTRACTOR: INSITUFORM TECHNOLOGIES

Date: 9/19/2022
 Job No.: 17.0638.C.08
 Prep. By: BLT/ KFK
 Chk'd By: BW/ BLT

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
A14e	Cutoff Wall (if required)	EA	1	5	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A14f	Bypass Pumping	LS	1	5	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A14g	Traffic Control	LS	1	5	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A15	ACA-1 to AC-2 - Simms St - 8" Line, 20' Point Repair																
A15a	Point Repair: 25 LF to 45 LF (0 Services)	LF	20			\$ 748.00	\$ 14,960.00	\$ 14,960.00	20	100%	\$ 14,960.00		0%	\$ -	20	100%	\$ 14,960.00
A15b	Remove/Replace Asphalt Pavement	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00		0%	\$ -	1	100%	\$ 3,742.00
A15c	Import Fill (trench width, if required)	LF	20	6	0	\$ 267.00	\$ 5,340.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A15d	Trench Stabilization (if required)	LF	20	6	0	\$ 251.00	\$ 5,020.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A15e	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A15f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A15g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A16	B-1 to A-27, Easement - 12" Line, (2) 5' Point Repairs																
A16a	Point Repair:350 LF to 355 LF (0 Service)	LF	5	7	70	\$ 962.00	\$ 4,810.00	\$ 67,340.00	70	100%	\$ 67,340.00		0%	\$ -	70	100%	\$ 67,340.00
A16b	Point Repair: 245 LF to 250 LF (0 Service)	LF	5			\$ 962.00	\$ 4,810.00	\$ 4,810.00	5	100%	\$ 4,810.00		0%	\$ -	5	100%	\$ 4,810.00
A16c	Remove/Replace Landscaping	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
A16d	Import Fill (trench width, if required)	LF	5	6	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A16e	Trench Stabilization (if required)	LF	5	6	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A16f	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A16g	Bypass Pumping	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
A17	B-1A to B-1, Easement - 12" Line, 20' Point Repair																
A17a	Point Repair: 304 LF to 324 LF (0 Service)	LF	20			\$ 855.00	\$ 17,100.00	\$ 17,100.00	20	100%	\$ 17,100.00		0%	\$ -	20	100%	\$ 17,100.00
A17b	Remove/Replace Asphalt Pavement	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00		0%	\$ -	1	100%	\$ 3,742.00
A17d	Remove/Replace Landscaping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A17c	Import Fill (trench width, if required)	LF	5	7	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A17d	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A17e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A17f	Bypass Pumping	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
A17g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A18	BF-16A to BF-16, Youngsfield Service Rd - 12" Line, 10' Point Repair																
A18a	Point Repair: 16 LF to 26 LF (0 Services)	LF	10	7	5	\$ 962.00	\$ 9,620.00	\$ 4,810.00	5	100%	\$ 4,810.00		0%	\$ -	5	100%	\$ 4,810.00
A18b	Remove/Replace Asphalt Pavement	LS	1			\$ 2,138.00	\$ 2,138.00	\$ 2,138.00	1	100%	\$ 2,138.00		0%	\$ -	1	100%	\$ 2,138.00
A18c	Import Fill (trench width, if required)	LF	10	7	0	\$ 267.00	\$ 2,670.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A18d	Trench Stabilization (if required)	LF	10	7	0	\$ 251.00	\$ 2,510.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A18e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A18f	Bypass Pumping	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
A18g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A19	BG-2A to BG-2, W 35th Ave - 8" Line, 5' Point Repair																
A19a	Point Repair: 205 LF to 210 LF (1 Service)	LF	5			\$ 909.00	\$ 4,545.00	\$ 4,545.00	5	100%	\$ 4,545.00		0%	\$ -	5	100%	\$ 4,545.00
A19b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A19c	Import Fill (trench width, if required)	LF	5	5	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A19d	Trench Stabilization (if required)	LF	5	5	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A19e	Cutoff Wall (if required)	EA	1	5	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A19f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A19g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A20	C-3A-1 to C-3A, W 28th Ave - 8" Line, (2) 5' Point Repairs																
A20a	Point Repair: 4 LF to 9 LF (1 Service)	LF	5			\$ 909.00	\$ 4,545.00	\$ 4,545.00	5	100%	\$ 4,545.00		0%	\$ -	5	100%	\$ 4,545.00
A20b	Point Repair: 237 LF to 242 LF (0 Service)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A20c	Remove/Replace Asphalt Pavement	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
A20d	Import Fill (trench width, if required)	LF	5	7	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A20e	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A20f	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A20g	Bypass Pumping	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00		0%	\$ -	1	100%	\$ 3,742.00
A20h	Traffic Control	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00		0%	\$ -	1	100%	\$ 3,742.00
A21	C-9-1 to C-9, Queen St, 8" Line, 5' Point Repair																
A21a	Point Repair: 90 LF to 95 LF (0 Services)	LF	5	7	10	\$ 855.00	\$ 4,275.00	\$ 8,550.00	10	100%	\$ 8,550.00		0%	\$ -	10	100%	\$ 8,550.00
A21b	Remove/Replace Asphalt Pavement	LS	1	7	2	\$ 1,604.00	\$ 1,604.00	\$ 3,208.00	2	100%	\$ 3,208.00		0%	\$ -	2	100%	\$ 3,208.00
A21c	Import Fill (trench width, if required)	LF	5	7	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A21d	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -

MARTIN/MARTIN **PAY APPLICATION 08**

PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS
 FOR PERIOD: RETAINAGE RELEASE
 OWNER: NORTHWEST LAKEWOOD SANITATION DISTRICT
 ENGINEER: MARTIN/MARTIN, INC.
 CONTRACTOR: INSITUFORM TECHNOLOGIES

Date: 9/19/2022
 Job No.: 17.0638.C.08
 Prep. By: BLT/ KFK
 Chk'd By: BW/ BLT

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
A21e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A21f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A21g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A22	C-12-2 to C-12D, Simms St - 8" Line, 5' Point Repair																
A22a	Point Repair: 63 LF to 68 LF (0 Service)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A22b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A22c	Import Fill (trench width, if required)	LF	5	7	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A22d	Trench Stabilization (if required)	LF	5	7	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A22e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A22f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A22g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A23	Z-7-3 to Z-7-2, Alkire St - 8" Line, 5' Point Repair																
A23a	Point Repair: 246 LF to 251 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A23b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A23c	Import Fill (trench width, if required)	LF	5	3	8	\$ 267.00	\$ 1,335.00	\$ 2,136.00	8	100%	\$ 2,136.00		0%	\$ -	8.0	100%	\$ 2,136.00
A23d	Trench Stabilization (if required)	LF	5	2	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A23e	Cutoff Wall (if required)	EA	1	2	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A23f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A23g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A24	ZC-13 to ZC-12, Braun Dr - 8" Line, 5' Point Repair																
A24a	Point Repair: 2 LF to 7 LF (0 Services)	LF	5			\$ 855.00	\$ 4,275.00	\$ 4,275.00	5	100%	\$ 4,275.00		0%	\$ -	5	100%	\$ 4,275.00
A24b	Remove/Replace Asphalt Pavement	LS	1			\$ 1,604.00	\$ 1,604.00	\$ 1,604.00	1	100%	\$ 1,604.00		0%	\$ -	1	100%	\$ 1,604.00
A24c	Import Fill (trench width, if required)	LF	5	3	8	\$ 267.00	\$ 1,335.00	\$ 2,136.00	8	100%	\$ 2,136.00		0%	\$ -	8.0	100%	\$ 2,136.00
A24d	Trench Stabilization (if required)	LF	5	2	0	\$ 251.00	\$ 1,255.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A24e	Cutoff Wall (if required)	EA	1	2	0	\$ 1,005.00	\$ 1,005.00	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
A24f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A24g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A25	Z-3 to Z-2, Alkire St - 8" Line, (2) 5' Point Repairs																
A25a	Point Repair: 332 LF to 337 LF (0 Services)	LF	5	2	0	\$ 855.00	\$ 4,275.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A25b	Remove/Replace Asphalt Pavement	LS	1	2	0	\$ 3,207.00	\$ 3,207.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A25c	Import Fill (trench width, if required)	LF	5	2	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A25d	Trench Stabilization (if required)	LF	5	2	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A25e	Cutoff Wall (if required)	EA	1	2	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A25f	Bypass Pumping	LS	1	2	0	\$ 3,742.00	\$ 3,742.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A25g	Traffic Control	LS	1	2	0	\$ 3,742.00	\$ 3,742.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26	B-11R-7-2-1 to B-11R-7-2, Easement - 6" Line, 10' Point Repair																
A26a	Point Repair: 90 LF to 100 LF (0 Services)	LF	10	6	0	\$ 802.00	\$ 8,020.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26b	Remove/Replace Asphalt Pavement	LS	1	6	0	\$ 2,138.00	\$ 2,138.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26c	Remove/Replace Landscaping	LS	1	6	0	\$ 2,138.00	\$ 2,138.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26d	Import Fill (trench width, if required)	LF	10	6	0	\$ 267.00	\$ 2,670.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26e	Trench Stabilization (if required)	LF	10	6	0	\$ 251.00	\$ 2,510.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26f	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26g	Bypass Pumping	LS	1	6	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A26h	Traffic Control	LS	1	6	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A27	AG-3 to AG-2, Easement - 8" Line, 20' Point Repair																
A27a	Point Repair: 130 LF to 150 LF (0 Services)	LF	20			\$ 748.00	\$ 14,960.00	\$ 14,960.00	20	100%	\$ 14,960.00		0%	\$ -	20	100%	\$ 14,960.00
A27b	Remove/Replace Asphalt Pavement	LS	1			\$ 3,742.00	\$ 3,742.00	\$ 3,742.00	1	100%	\$ 3,742.00		0%	\$ -	1	100%	\$ 3,742.00
A27c	Import Fill (trench width, if required)	LF	20			\$ 267.00	\$ 5,340.00	\$ 5,340.00	20	100%	\$ 5,340.00		0%	\$ -	20	100%	\$ 5,340.00
A27d	Trench Stabilization (if required)	LF	20	5	0	\$ 251.00	\$ 5,020.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A27e	Cutoff Wall (if required)	EA	1	5	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A27f	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A27g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A28	A-56A-2 to A-56A-1, Easement/ Paramount Pkwy - 8" Line, 5' Point Repair																
A28a	Point Repair: 5 LF to 10 LF (0 Service)	LF	5	7	25	\$ 855.00	\$ 4,275.00	\$ 21,375.00	25	100%	\$ 21,375.00		0%	\$ -	25	100%	\$ 21,375.00
A28b	Remove/Replace Asphalt Pavement	LS	1	6	0	\$ 1,604.00	\$ 1,604.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A28c	Remove/Replace Landscaping	LS	1	6,7	1	\$ 2,138.00	\$ 2,138.00	\$ 2,138.00	1	100%	\$ 2,138.00		0%	\$ -	1	100%	\$ 2,138.00
A28d	Import Fill (trench width, if required)	LF	5	6	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A28e	Trench Stabilization (if required)	LF	5	6	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -

MARTIN/MARTIN **PAY APPLICATION 08**

PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS	Date: 9/19/2022
FOR PERIOD: RETAINAGE RELEASE	Job No.: 17.0638.C.08
OWNER: NORTHWEST LAKEWOOD SANITATION DISTRICT	Prep. By: BLT/ KFK
ENGINEER: MARTIN/MARTIN, INC.	Chk'd By: BW/ BLT
CONTRACTOR: INSITUFORM TECHNOLOGIES	

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
A28f	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A28g	Bypass Pumping	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A28h	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A28i	Remove/Replace Concrete Pavement	LS	0	7	1	\$ 3,414.40	\$ -	\$ 3,414.40	1	100%	\$ 3,414.40		0%	\$ -	1	100%	\$ 3,414.40
A29	BH-1-6 to BH-1-5, Winfield Dr - 12" Line, 10' Point Repair																
A29a	Point Repair: 196 LF to 206 LF (0 Service)	LF	10	7	5	\$ 962.00	\$ 9,620.00	\$ 4,810.00	5	100%	\$ 4,810.00		0%	\$ -	5	100%	\$ 4,810.00
A29b	Remove/Replace Asphalt Pavement	LS	1			\$ 2,138.00	\$ 2,138.00	\$ 2,138.00	1	100%	\$ 2,138.00		0%	\$ -	1	100%	\$ 2,138.00
A29c	Import Fill (trench width, if required)	LF	10	7	0	\$ 267.00	\$ 2,670.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A29d	Trench Stabilization (if required)	LF	10	7	0	\$ 251.00	\$ 2,510.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A29e	Cutoff Wall (if required)	EA	1	7	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A29f	Bypass Pumping	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
A29g	Traffic Control	LS	1			\$ 2,673.00	\$ 2,673.00	\$ 2,673.00	1	100%	\$ 2,673.00		0%	\$ -	1	100%	\$ 2,673.00
A30	BP-1A to BP-1, Easement - 8" Line, 5' Point Repair																
A30a	Point Repair: 3 LF to 8 LF (0 Services)	LF	5	6	0	\$ 855.00	\$ 4,275.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A30b	Remove/Replace Landscaping	LS	1	6	0	\$ 1,604.00	\$ 1,604.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A30c	Import Fill (trench width, if required)	LF	5	6	0	\$ 267.00	\$ 1,335.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A30d	Trench Stabilization (if required)	LF	5	6	0	\$ 251.00	\$ 1,255.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A30e	Cutoff Wall (if required)	EA	1	6	0	\$ 1,005.00	\$ 1,005.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A30f	Bypass Pumping	LS	1	6	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
A30g	Traffic Control	LS	1	6	0	\$ 2,673.00	\$ 2,673.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
	Sub-Total A						\$ 576,598.00	\$ 487,236.10	1	100%	\$ 487,236.10		0%	\$0.00		100.00%	\$487,236.10
	Bid Schedule B (Full Linings)																
B1	B-11R-32-1A to B-11R-32-1, Union Way - 8" Line																
B1a.	Full Lining - 220 LF (3 Services)	LF	220			\$ 40.00	\$ 8,800.00	\$ 8,800.00	220	100%	\$ 8,800.00		0%	\$ -	220	100%	\$ 8,800.00
B1b.	Service Reconnection	EA	3			\$ 122.00	\$ 366.00	\$ 366.00	3	100%	\$ 366.00		0%	\$ -	3	100%	\$ 366.00
B2	AP-1 to A-51, W 30th Ave - 8" Line																
B2a.	Full Lining - 324 LF (8 Services)	LF	324			\$ 34.00	\$ 11,016.00	\$ 11,016.00	324	100%	\$ 11,016.00		0%	\$ -	324	100%	\$ 11,016.00
B2b.	Service Reconnection	EA	8			\$ 94.00	\$ 752.00	\$ 752.00	8	100%	\$ 752.00		0%	\$ -	8	100%	\$ 752.00
B3	B-94 to B-93, Zinna St - 8" Line																
B3a.	Full Lining - 247 LF (5 Services)	LF	247			\$ 38.00	\$ 9,386.00	\$ 9,386.00	247	100%	\$ 9,386.00		0%	\$ -	247	100%	\$ 9,386.00
B3b.	Service Reconnection	EA	5			\$ 103.00	\$ 515.00	\$ 515.00	5	100%	\$ 515.00		0%	\$ -	5	100%	\$ 515.00
B4	BW-1A-4 to BW-1A-3, Xenophon St - 8" Line																
B4a.	Full Lining - 303 LF (4 Services)	LF	303			\$ 35.00	\$ 10,605.00	\$ 10,605.00	303	100%	\$ 10,605.00		0%	\$ -	303	100%	\$ 10,605.00
B4b.	Service Reconnection	EA	4			\$ 112.00	\$ 448.00	\$ 448.00	4	100%	\$ 448.00		0%	\$ -	4	100%	\$ 448.00
B5	DELETED																
B5a.	DELETED	LF	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B5b.	DELETED	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B6	BOA-5-1 to BOA-5, Zinnia St - 8" Line																
B6a.	Full Lining - 300 LF (5 Services)	LF	300			\$ 35.00	\$ 10,500.00	\$ 10,500.00	300	100%	\$ 10,500.00		0%	\$ -	300	100%	\$ 10,500.00
B6b.	Service Reconnection	EA	5			\$ 105.00	\$ 525.00	\$ 525.00	5	100%	\$ 525.00		0%	\$ -	5	100%	\$ 525.00
B7	DELETED																
B7a.	DELETED	LF	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B7b.	DELETED	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B8	DELETED																
B8a.	DELETED	LF	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B8b.	DELETED	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B9	RO-11A-3A to RO-11A-3, Easement/ Nelson Dr - 24" Line																
B9a.	Full Lining - 378 LF (2 Services)	LF	378	1	515	\$ 142.00	\$ 53,676.00	\$ 73,130.00	515	100%	\$ 73,130.00		0%	\$ -	515	100%	\$ 73,130.00
B9b.	Service Reconnection	EA	2			\$ 322.00	\$ 644.00	\$ 644.00	2	100%	\$ 644.00		0%	\$ -	2	100%	\$ 644.00
B10	RO-11A-3A to RO-11A-4, Easement/ Nelson Dr - 24" Line																
B10a.	Full Lining - 425 LF (2 Services)	LF	425	1	492	\$ 138.00	\$ 58,650.00	\$ 67,896.00	492	100%	\$ 67,896.00		0%	\$ -	492	100%	\$ 67,896.00
B10b.	Service Reconnection	EA	2			\$ 331.00	\$ 662.00	\$ 662.00	2	100%	\$ 662.00		0%	\$ -	2	100%	\$ 662.00
B11	JA-2 to JA-1, Willow Lane - 8" Line																
B11a.	Full Lining - 116 LF (3 Services)	LF	116			\$ 56.00	\$ 6,496.00	\$ 6,496.00	116	100%	\$ 6,496.00		0%	\$ -	116	100%	\$ 6,496.00
B11b.	Service Reconnection	EA	3			\$ 117.00	\$ 351.00	\$ 351.00	3	100%	\$ 351.00		0%	\$ -	3	100%	\$ 351.00
B12	GF-13 to GF-12, Linda Vista Dr - 8" Line																

MARTIN/MARTIN

PAY APPLICATION 08

PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS
 FOR PERIOD: RETAINAGE RELEASE
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 ENGINEER: MARTIN/MARTIN, INC.
 CONTRACTOR: INSITUFORM TECHNOLOGIES

Date: 9/19/2022
 Job No.: 17.0638.C.08
 Prep. By: BLT/ KFK
 Chk'd By: BW/ BLT

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
B12a.	Full Lining - 402 LF (6 Services)	LF	402	5	0	\$ 32.00	\$ 12,864.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B12b.	Service Reconnection	EA	6	5	0	\$ 102.00	\$ 612.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B13	DELETED																
B13a.	DELETED	LF	0				\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B13b.	DELETED	EA	0				\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B14	A-28 to A-27, Easement - 12" Line																
B14a.	Full Lining - 396 LF (2 Services)	LF	396			\$ 52.00	\$ 20,592.00	\$ 20,592.00	396	100%	\$ 20,592.00		0%	\$ -	396	100%	\$ 20,592.00
B14b.	Service Reconnection	EA	2			\$ 241.00	\$ 482.00	\$ 482.00	2	100%	\$ 482.00		0%	\$ -	2	100%	\$ 482.00
B15	AB-3 to AB-2, West 26th Avenue Easement - 8" Line																
B15a.	Full Lining - 131 LF (2 Services)	LF	131			\$ 53.00	\$ 6,943.00	\$ 6,943.00	131	100%	\$ 6,943.00		0%	\$ -	131	100%	\$ 6,943.00
B15b.	Service Reconnection	EA	2			\$ 140.00	\$ 280.00	\$ 280.00	2	100%	\$ 280.00		0%	\$ -	2	100%	\$ 280.00
B16	AB-7A-2 to AB-7A-1, W 28th Pl - 8" Line																
B16a.	Full Lining - 334 LF (7 Services)	LF	334	2	378	\$ 34.00	\$ 11,356.00	\$ 12,852.00	378	100%	\$ 12,852.00		0%	\$ -	378	100%	\$ 12,852.00
B16b.	Service Reconnection	EA	7	2	8	\$ 97.00	\$ 679.00	\$ 776.00	8	100%	\$ 776.00		0%	\$ -	8	100%	\$ 776.00
B17	AB-10 to AB-9, Robb Cir - 8" Line																
B17a.	Full Lining - 294 LF (5 Services)	LF	294			\$ 35.00	\$ 10,290.00	\$ 10,290.00	294	100%	\$ 10,290.00		0%	\$ -	294	100%	\$ 10,290.00
B17b.	Service Reconnection	EA	5			\$ 105.00	\$ 525.00	\$ 525.00	5	100%	\$ 525.00		0%	\$ -	5	100%	\$ 525.00
B18	AB-10-5 to AB-10-4, 28th Pl - 8" Line																
B18a.	Full Lining - 66 LF (0 Services)	LF	66	2	68	\$ 84.00	\$ 5,544.00	\$ 5,712.00	68	100%	\$ 5,712.00		0%	\$ -	68	100%	\$ 5,712.00
B18b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
B19	AB-10-6-1 to AB-10-6, Applewood Knolls Dr - 8" Line																
B19a.	Full Lining - 201 LF (2 Services)	LF	201			\$ 41.00	\$ 8,241.00	\$ 8,241.00	201	100%	\$ 8,241.00		0%	\$ -	201	100%	\$ 8,241.00
B19b.	Service Reconnection	EA	2			\$ 144.00	\$ 288.00	\$ 288.00	2	100%	\$ 288.00		0%	\$ -	2	100%	\$ 288.00
B20	AB-10-6-1A to AB-10-6-1, Taft Ct - 8" Line																
B20a.	Full Lining - 197 LF (2 Services)	LF	197			\$ 42.00	\$ 8,274.00	\$ 8,274.00	197	100%	\$ 8,274.00		0%	\$ -	197	100%	\$ 8,274.00
B20b.	Service Reconnection	EA	2			\$ 144.00	\$ 288.00	\$ 288.00	2	100%	\$ 288.00		0%	\$ -	2	100%	\$ 288.00
B21	AB-10-6-3A to AB-10-6-2A, Taft Ct - 8" Line																
B21a.	Full Lining - 300 LF (6 Services)	LF	300			\$ 35.00	\$ 10,500.00	\$ 10,500.00	300	100%	\$ 10,500.00		0%	\$ -	300	100%	\$ 10,500.00
B21b.	Service Reconnection	EA	6			\$ 100.00	\$ 600.00	\$ 600.00	6	100%	\$ 600.00		0%	\$ -	6	100%	\$ 600.00
B22	AB-10-9-5 to AB-10-9-4, Taft St - 8" Line																
B22a.	Full Lining - 299 LF (3 Services)	LF	299			\$ 35.00	\$ 10,465.00	\$ 10,465.00	299	100%	\$ 10,465.00		0%	\$ -	299	100%	\$ 10,465.00
B22b.	Service Reconnection	EA	3			\$ 125.00	\$ 375.00	\$ 375.00	3	100%	\$ 375.00		0%	\$ -	3	100%	\$ 375.00
B23	AB-11-2 to AB-11-1, W 28th Ave - 8" Line																
B23a.	Full Lining - 285 LF (3 Services)	LF	285			\$ 36.00	\$ 10,260.00	\$ 10,260.00	285	100%	\$ 10,260.00		0%	\$ -	285	100%	\$ 10,260.00
B23b.	Service Reconnection	EA	3	2	5	\$ 125.00	\$ 375.00	\$ 625.00	5	100%	\$ 625.00		0%	\$ -	5	100%	\$ 625.00
B24	ACC-1 to ACA-2, W 30th Pl - 8" Line																
B24a.	Full Lining - 166 LF (3 Services)	LF	166	2	248	\$ 45.00	\$ 7,470.00	\$ 11,160.00	248	100%	\$ 11,160.00		0%	\$ -	248	100%	\$ 11,160.00
B24b.	Service Reconnection	EA	3			\$ 119.00	\$ 357.00	\$ 357.00	3	100%	\$ 357.00		0%	\$ -	3	100%	\$ 357.00
B25	AD-1-2 to AD-1-1, W 31st Pl - 8" Line																
B25a.	Full Lining - 300 LF (6 Services)	LF	300			\$ 35.00	\$ 10,500.00	\$ 10,500.00	300	100%	\$ 10,500.00		0%	\$ -	300	100%	\$ 10,500.00
B25b.	Service Reconnection	EA	6			\$ 100.00	\$ 600.00	\$ 600.00	6	100%	\$ 600.00		0%	\$ -	6	100%	\$ 600.00
B26	AD-5 to AD-4, Rouff Cir - 8" line																
B26a.	Full Lining - 125 LF (2 Services)	LF	125			\$ 53.00	\$ 6,625.00	\$ 6,625.00	125	100%	\$ 6,625.00		0%	\$ -	125	100%	\$ 6,625.00
B26b.	Service Reconnection	EA	2			\$ 140.00	\$ 280.00	\$ 280.00	2	100%	\$ 280.00		0%	\$ -	2	100%	\$ 280.00
B27	AD-6-1 to AD-6, W 29th Pl - 8" Line																
B27a.	Full Lining - 162 LF (1 Service)	LF	162			\$ 46.00	\$ 7,452.00	\$ 7,452.00	162	100%	\$ 7,452.00		0%	\$ -	162	100%	\$ 7,452.00
B27b.	Service Reconnection	EA	1			\$ 210.00	\$ 210.00	\$ 210.00	1	100%	\$ 210.00		0%	\$ -	1	100%	\$ 210.00
B28	B-2A-2 to B-2A-1, Easement, 8" Line																
B28a.	Full Lining - 66 LF (0 Services)	LF	66			\$ 85.00	\$ 5,610.00	\$ 5,610.00	66	100%	\$ 5,610.00		0%	\$ -	66	100%	\$ 5,610.00
B28b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
B29	B-4 to B-3, Easement - 8" Line																
B29a.	Full Lining - 73 LF (0 Services)	LF	73	2	0	\$ 130.00	\$ 9,490.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B29b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B30	C-1A-4-2-1 to C-1A-4-2, Owens Ct - 8" Line																
B30a.	Full Lining - 180 LF (2 Services)	LF	180			\$ 43.00	\$ 7,740.00	\$ 7,740.00	180	100%	\$ 7,740.00		0%	\$ -	180	100%	\$ 7,740.00
B30b.	Service Reconnection	EA	2			\$ 140.00	\$ 280.00	\$ 280.00	2	100%	\$ 280.00		0%	\$ -	2	100%	\$ 280.00
B31	C-8A-4 to C-8A-3, W 25th Pl - 8" Line																
B31a.	Full Lining - 301 LF (5 Services)	LF	301	3	172	\$ 35.00	\$ 10,535.00	\$ 6,020.00	172	100%	\$ 6,020.00		0%	\$ -	172	100%	\$ 6,020.00

MARTIN/MARTIN **PAY APPLICATION 08**

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 ENGINEER: MARTIN/MARTIN, INC.
 CONTRACTOR: INSITUFORM TECHNOLOGIES

Date: 9/19/2022
 Job No.: 17.0638.C.08
 Prep. By: BLT/ KFK
 Chk'd By: BW/ BLT

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
B31b.	Service Reconnection	EA	5			\$ 100.00	\$ 500.00	\$ 500.00	5	100%	\$ 500.00		0%	\$ -	5	100%	\$ 500.00
B32	DELETED																
B32a.	DELETED	LF	0				\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B32b.	DELETED	EA	0				\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B33	RO-29 to RO-28, Easement - 18" Line																
B33a.	Full Lining - 297 LF (0 Services)	LF	297	1	299	\$ 235.00	\$ 69,795.00	\$ 70,265.00	299	100%	\$ 70,265.00		0%	\$ -	299	100%	\$ 70,265.00
B33b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
B34	ZC-13-3 to ZC-13-2, Braun Dr - 8" Line																
B34a.	Full Lining - 322 LF (8 Services)	LF	322			\$ 34.00	\$ 10,948.00	\$ 10,948.00	322	100%	\$ 10,948.00		0%	\$ -	322	100%	\$ 10,948.00
B34b.	Service Reconnection	EA	8			\$ 94.00	\$ 752.00	\$ 752.00	8	100%	\$ 752.00		0%	\$ -	8	100%	\$ 752.00
B35	ZD-5-1 to ZD-5, W 25th PI - 8" Line																
B35a.	Full Lining - 249 LF (3 Services)	LF	249	2	254	\$ 38.00	\$ 9,462.00	\$ 9,652.00	254	100%	\$ 9,652.00		0%	\$ -	254	100%	\$ 9,652.00
B35b.	Service Reconnection	EA	3			\$ 123.00	\$ 369.00	\$ 369.00	3	100%	\$ 369.00		0%	\$ -	3	100%	\$ 369.00
B36	ZD-5-2 to ZD-5-1, W 25th PI - 8" Line																
B36a.	Full Lining - 92 LF (2 Services)	LF	92			\$ 64.00	\$ 5,888.00	\$ 5,888.00	92	100%	\$ 5,888.00		0%	\$ -	92	100%	\$ 5,888.00
B36b.	Service Reconnection	EA	2			\$ 137.00	\$ 274.00	\$ 274.00	2	100%	\$ 274.00		0%	\$ -	2	100%	\$ 274.00
B37	DELETED																
B37a.	DELETED	LF	0				\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B37b.	DELETED	EA	0				\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B38	ZD-6 to ZD-5, W 26th Ave - 8" Line																
B38a.	Full Lining - 222 LF (4 Services)	LF	222	2	224	\$ 29.00	\$ 6,438.00	\$ 6,496.00	224	100%	\$ 6,496.00		0%	\$ -	224	100%	\$ 6,496.00
B38b.	Service Reconnection	EA	4			\$ 95.00	\$ 380.00	\$ 380.00	4	100%	\$ 380.00		0%	\$ -	4	100%	\$ 380.00
B39	ZD-7 to ZD-6, W 26th Ave - 8" Line																
B39a.	Full Lining - 219 LF (4 Services)	LF	219	2	225	\$ 29.00	\$ 6,351.00	\$ 6,525.00	225	100%	\$ 6,525.00		0%	\$ -	225	100%	\$ 6,525.00
B39b.	Service Reconnection	EA	4			\$ 95.00	\$ 380.00	\$ 380.00	4	100%	\$ 380.00		0%	\$ -	4	100%	\$ 380.00
B40	ZD-7-1 to ZD-7, Devinney Ct - 8" Line																
B40a.	Full Lining - 326 LF (6 Services)	LF	326			\$ 34.00	\$ 11,084.00	\$ 11,084.00	326	100%	\$ 11,084.00		0%	\$ -	326	100%	\$ 11,084.00
B40b.	Service Reconnection	EA	6			\$ 100.00	\$ 600.00	\$ 600.00	6	100%	\$ 600.00		0%	\$ -	6	100%	\$ 600.00
B41	ZH-1 to Z-20, Creighton Dr - 8" Line																
B41a.	Full Lining - 107 LF (2 Services)	LF	107	2	109	\$ 39.00	\$ 4,173.00	\$ 4,251.00	109	100%	\$ 4,251.00		0%	\$ -	109	100%	\$ 4,251.00
B41b.	Service Reconnection	EA	2			\$ 122.00	\$ 244.00	\$ 244.00	2	100%	\$ 244.00		0%	\$ -	2	100%	\$ 244.00
B42	ZH-2 to ZH-1, Creighton Dr - 8" Line																
B42a.	Full Lining - 109 LF (1 Services)	LF	109	2	105	\$ 39.00	\$ 4,251.00	\$ 4,095.00	105	100%	\$ 4,095.00		0%	\$ -	105	100%	\$ 4,095.00
B42b.	Service Reconnection	EA	1			\$ 122.00	\$ 122.00	\$ 122.00	1	100%	\$ 122.00		0%	\$ -	1	100%	\$ 122.00
B43	ZJ-1 to Z-21, Coors Dr - 8" Line																
B43a.	Full Lining - 195 LF (2 Services)	LF	195	2	202	\$ 33.00	\$ 6,435.00	\$ 6,666.00	202	100%	\$ 6,666.00		0%	\$ -	202	100%	\$ 6,666.00
B43b.	Service Reconnection	EA	2		2	\$ 126.00	\$ 252.00	\$ 252.00	2	100%	\$ 252.00		0%	\$ -	2	100%	\$ 252.00
B44	ZJ-2 to ZJ-1, W 26th Ave - 8" Line																
B44a.	Full Lining - 222 LF (1 Service)	LF	222	2	118	\$ 33.00	\$ 7,326.00	\$ 3,894.00	118	100%	\$ 3,894.00		0%	\$ -	118	100%	\$ 3,894.00
B44b.	Service Reconnection	EA	1		1	\$ 126.00	\$ 126.00	\$ 126.00	1	100%	\$ 126.00		0%	\$ -	1	100%	\$ 126.00
B45	Z-3 to Z-2, Alkire St - 8" Line																
B45a.	Full Lining - 398 LF (2 Services)	LF	398			\$ 32.00	\$ 12,736.00	\$ 12,736.00	398	100%	\$ 12,736.00		0%	\$ -	398	100%	\$ 12,736.00
B45b.	Service Reconnection	EA	2			\$ 157.00	\$ 314.00	\$ 314.00	2	100%	\$ 314.00		0%	\$ -	2	100%	\$ 314.00
B46	A-37B-1-2 to A-37B-1-1, Nelson Ct - 8" Line																
B46a.	Full Lining - 107 LF (2 Services)	LF	107			\$ 58.00	\$ 6,206.00	\$ 6,206.00	107	100%	\$ 6,206.00		0%	\$ -	107	100%	\$ 6,206.00
B46b.	Service Reconnection	EA	2			\$ 138.00	\$ 276.00	\$ 276.00	2	100%	\$ 276.00		0%	\$ -	2	100%	\$ 276.00
B47	AG-5 to AG-4, Easement - 8" Line																
B47a.	Full Lining - 265 LF (3 Services)	LF	265	2	0	\$ 37.00	\$ 9,805.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B47b.	Service Reconnection	EA	3	2	0	\$ 124.00	\$ 372.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B48	RO-12 to RO-11A, Easement - 8" Line																
B48a.	Full Lining - 190 LF (1 Service)	LF	190	1	199	\$ 156.00	\$ 29,640.00	\$ 31,044.00	199	100%	\$ 31,044.00		0%	\$ -	199	100%	\$ 31,044.00
B48b.	Service Reconnection	EA	1			\$ 330.00	\$ 330.00	\$ 330.00	1	100%	\$ 330.00		0%	\$ -	1	100%	\$ 330.00
B49	RO-11A-5 to RO-11A-4, W 38th PI - 24" Line																
B49a.	Full Lining - 396 LF (0 Services)	LF	396	1	401	\$ 141.00	\$ 55,836.00	\$ 56,541.00	401	100%	\$ 56,541.00		0%	\$ -	401	100%	\$ 56,541.00
B49b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
B50	BF-1A-A to B-5A, W 34th PI - 12" Line																
B50a.	Full Lining - 297 LF (1 Service)	LF	297			\$ 58.00	\$ 17,226.00	\$ 17,226.00	297	100%	\$ 17,226.00		0%	\$ -	297	100%	\$ 17,226.00
B50b.	Service Reconnection	EA	1			\$ 383.00	\$ 383.00	\$ 383.00	1	100%	\$ 383.00		0%	\$ -	1	100%	\$ 383.00

MARTIN/MARTIN

PAY APPLICATION 08

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Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
B51	GK-3A-B to GK-3A-A, Robb St - 8" Line																
B51a.	Full Lining - 296 LF (12 Service)	LF	296			\$ 35.00	\$ 10,360.00	\$ 10,360.00	296	100%	\$ 10,360.00		0%	\$ -	296	100%	\$ 10,360.00
B51b.	Service Reconnection	EA	12			\$ 87.00	\$ 1,044.00	\$ 1,044.00	12	100%	\$ 1,044.00		0%	\$ -	12	100%	\$ 1,044.00
B52	B-5A to B-5, Easement - 24" Line																
B52a.	Full Lining - 11 LF (0 Services)	LF	11			\$ 6,073.00	\$ 66,803.00	\$ 66,803.00	11	100%	\$ 66,803.00		0%	\$ -	11	100%	\$ 66,803.00
B52b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
B52c.	Added Bypass Pumping	LS	0	4	1	\$ 22,150.43	\$ -	\$ 22,150.43	1	100%	\$ 22,150.43		0%	\$ -	1	100%	\$ 22,150.43
B53	DELETED																
B53a.	DELETED	LF	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B53b.	DELETED	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B54	B-11R-7-1 to B-11R-7, W 29th PI - 6" Line																
B54a.	Full Lining - 328 LF (1 Service)	LF	328	5	0	\$ 33.00	\$ 10,824.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B54b.	Service Reconnection	EA	1	5	0	\$ 484.00	\$ 484.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B55	B-11R-7-2 to B-11R-7-1, W 29th PI - 6" Line																
B55a.	Full Lining - 296 LF (5 Services)	LF	296	5	0	\$ 31.00	\$ 9,176.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B55b.	Service Reconnection	EA	5	5	0	\$ 321.00	\$ 1,605.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B56	B-11R-7-3 to B-11R-7-2, W 29th PI - 6" Line																
B56a.	Full Lining - 101 LF (3 Services)	LF	101	5	0	\$ 31.00	\$ 3,131.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B56b.	Service Reconnection	EA	3	5	0	\$ 321.00	\$ 963.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B57	B-26-2-1-A-A to B-26-2-1-A, Youngsfield St - 8" Line																
B57a.	Full Lining - 212 LF (0 Services)	LF	212	5	0	\$ 41.00	\$ 8,692.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B57b.	Service Reconnection	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B58	DELETED																
B58a.	DELETED	LF	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
B58b.	DELETED	EA	0			\$ -	\$ -	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
ADD B59	B-2A-1 to B-2A-A1, Easement, 8" Line																
B59a.	Full Lining - 86 LF (0 Services)	LF	0	2	86	\$ 85.00	\$ -	\$ 7,310.00	86	100%	\$ 7,310.00		0%	\$ -	86	100%	\$ 7,310.00
B59b.	Service Reconnection	EA	0	2	0	\$ -	\$ -	\$ -	0	0%	\$ -		0%	\$ -	0	100%	\$ -
	Sub-Total B						\$ 752,730.00	\$ 743,780.43	-	100%	\$ 743,780.43		0%	\$ 0.00		100%	\$ 743,780.43

	Bid Schedule C1 (Manhole Repairs)																
C1	MH Z-3: Alkire St near W 29th Ave																
C1a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C1b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C1c.	Asphalt Remove/Replace	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
C1d.	Trench Stabilization (if necessary)	LS	1	7	0	\$ 1,508.00	\$ 1,508.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C1e.	Traffic Control	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
C1f.	Bypass Pumping (if necessary)	LS	1			\$ 12,830.00	\$ 12,830.00	\$ 12,830.00	1	100%	\$ 12,830.00		0%	\$ -	1	100%	\$ 12,830.00
C1g.	Import Fill - Flow Fill required by city	LS	0	7	1	\$ 7,067.41	\$ -	\$ 7,067.41	1	100%	\$ 7,067.41		0%	\$ -	1	100%	\$ 7,067.41
C2	MH Z-5: Alkire St near W 28th Ave																
C2a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C2b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C2c.	Asphalt Remove/Replace	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
C2d.	Trench Stabilization (if necessary)	LS	1	7	0	\$ 1,508.00	\$ 1,508.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C2e.	Traffic Control	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
C2f.	Bypass Pumping (if necessary)	LS	1			\$ 12,830.00	\$ 12,830.00	\$ 12,830.00	1	100%	\$ 12,830.00		0%	\$ -	1	100%	\$ 12,830.00
C2g.	Import Fill - Flow Fill required by city	LS	0	7	1	\$ 7,067.41	\$ -	\$ 7,067.41	1	100%	\$ 7,067.41		0%	\$ -	1	100%	\$ 7,067.41
C3	MH ZC-14: Coors Dr near W 20th PI																
C3a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C3b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C3c.	Asphalt Remove/Replace	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
C3d.	Trench Stabilization (if necessary)	LS	1	7	0	\$ 1,508.00	\$ 1,508.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C3e.	Traffic Control	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
C3f.	Bypass Pumping (if necessary)	LS	1			\$ 12,830.00	\$ 12,830.00	\$ 12,830.00	1	100%	\$ 12,830.00		0%	\$ -	1	100%	\$ 12,830.00
C3g.	Import Fill - Flow Fill required by city	LS	0	7	1	\$ 6,789.42	\$ -	\$ 6,789.42	1	100%	\$ 6,789.42		0%	\$ -	1	100%	\$ 6,789.42
C4	MH ZD-3-1: W 23rd PI Near W 26th Ave																
C4a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C4b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -

MARTIN/MARTIN **PAY APPLICATION 08**

PROJ. NAME: NWLSD 2021 SANITARY SEWER IMPROVEMENTS	Date: 9/19/2022
FOR PERIOD: RETAINAGE RELEASE	Job No.: 17.0638.C.08
OWNER: NORTHWEST LAKEWOOD SANITATION DISTRICT	Prep. By: BLT/ KFK
ENGINEER: MARTIN/MARTIN, INC.	Chk'd By: BW/ BLT
CONTRACTOR: INSITUFORM TECHNOLOGIES	

Bid Item	Description	Unit	Original Quantity	C.O. NO.	Revised Qty.	Unit Price	Totals		Total Previous			This Estimate			Total to Date		
							Original	Revised	Qty.	%	Amount	Qty.	%	Amount	Qty.	%	Amount
C4a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C4b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C4c.	Asphalt Remove/Replace	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
C4d.	Trench Stabilization (if necessary)	LS	1	7	0	\$ 1,508.00	\$ 1,508.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C4e.	Traffic Control	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
C4f.	Bypass Pumping (if necessary)	LS	1			\$ 12,830.00	\$ 12,830.00	\$ 12,830.00	1	100%	\$ 12,830.00		0%	\$ -	1	100%	\$ 12,830.00
C4g.	Import Fill - Flow Fill required by city	LS	0	7	1	\$ 9,029.39	\$ -	\$ 9,029.39	1	100%	\$ 9,029.39		0%	\$ -	1	100%	\$ 9,029.39
C5	MH ZD-3-4: W 23rd PI Near Creighton Dr																
C5a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C5b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C5c.	Asphalt Remove/Replace	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
C5d.	Trench Stabilization (if necessary)	LS	1	7	0	\$ 1,508.00	\$ 1,508.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C5e.	Traffic Control	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
C5f.	Bypass Pumping (if necessary)	LS	1			\$ 12,830.00	\$ 12,830.00	\$ 12,830.00	1	100%	\$ 12,830.00		0%	\$ -	1	100%	\$ 12,830.00
C5g.	Import Fill - Flow Fill required by city	LS	0	7	1	\$ 10,103.94	\$ -	\$ 10,103.94	1	100%	\$ 10,103.94		0%	\$ -	1	100%	\$ 10,103.94
C6	MH ZC-7: Braun Dr near Braun Ct																
C6a.	Remove/Replace Existing Brick MH with Precast Concrete MH	LS	1			\$ 26,729.00	\$ 26,729.00	\$ 26,729.00	1	100%	\$ 26,729.00		0%	\$ -	1	100%	\$ 26,729.00
C6b.	Import Fill Class 2 (full depth – if necessary)	LS	1	7	0	\$ 5,346.00	\$ 5,346.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C6c.	Asphalt Remove/Replace	LS	1			\$ 3,207.00	\$ 3,207.00	\$ 3,207.00	1	100%	\$ 3,207.00		0%	\$ -	1	100%	\$ 3,207.00
C6d.	Trench Stabilization (if necessary)	LS	1	7	0	\$ 1,508.00	\$ 1,508.00	\$ -		0%	\$ -		0%	\$ -	0	100%	\$ -
C6e.	Traffic Control	LS	1			\$ 5,346.00	\$ 5,346.00	\$ 5,346.00	1	100%	\$ 5,346.00		0%	\$ -	1	100%	\$ 5,346.00
C6f.	Bypass Pumping (if necessary)	LS	1			\$ 12,830.00	\$ 12,830.00	\$ 12,830.00	1	100%	\$ 12,830.00		0%	\$ -	1	100%	\$ 12,830.00
C6g.	Import Fill - Flow Fill required by city	LS	0	7	1	\$ 7,719.62	\$ -	\$ 7,719.62	1	100%	\$ 7,719.62		0%	\$ -	1	100%	\$ 7,719.62
	Sub-Total C						\$329,796.00	\$336,449.19		0%	\$ 336,449.19		0%	\$0.00		100%	\$336,449.19
	GRAND TOTAL						\$1,659,124.00	\$1,567,465.72		100%	\$1,567,465.72		0%	\$0.00		100%	\$1,567,465.72
											\$ 78,373.28		\$ -				\$ 78,373.28
	5% Bid Bond						\$1,659,124.00	\$1,567,465.72			\$1,489,092.44		\$0.00				\$1,489,092.44

* Retainage not subtracted out for Contract Total percent calculation.

The above pay request is approved:
OWNER: College Park Water and Sanitation District

The above pay request is approved:
ENGINEER: MARTIN/MARTIN, INC.

BY: _____ DATE 9/19/2022
The above pay request is accepted:
CONTRACTOR: Insituform Technologies

BY:  _____ DATE 9/19/2022

METRO WATER RECOVERY

Board of Directors Meeting

Tuesday, September 20, 2022

The regular monthly meeting of the Board of Directors of Metro Water Recovery will be held Tuesday, September 20, 2022 at 5:30 p.m. in the Administration Building Boardroom.

The **Agenda** will be as follows:

1. OATH OF OFFICE

The following Director has been appointed by his Member Municipality to complete a two-year term of office which expires June 30, 2024.

Appointed Director

Charlie Miller

Member Municipality

City of Fort Lupton

2. ROLL CALL

3. PUBLIC COMMENT

4. APPROVAL OF MINUTES

Minutes of the Board of Directors Meeting on August 16, 2022 (*Tab No. 1*)

5. PROGRESS AND PROJECTION REPORTS

5.a Report by Chief Executive Officer (*Tab No. 2*)

5.b Report by General Counsel (*Tab No. 3*)

6. REPORTS OF OFFICERS AND COMMITTEES

7. NEW BUSINESS

Consent Agenda

7.a **Consideration of Resolution Recognizing Employees' Years of Service**
[Recommended O/F/E] (*Tab No. 4*)

7.b **Consideration of Resolution Recognizing Directors' Years of Service**
[Recommended O/F/E] (*Tab No. 5*)

Roll Call Agenda

7.c **Consideration of Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation**
[Recommended O/F/E] (*Tab No. 6*)

8. INDIVIDUAL DIRECTOR COMMENTS

9. OTHER INFORMATION

10. ADJOURNMENT

Andrew Johnston
Chair

Committee Meeting Minutes in Chronological Order (*Tab No. 7*).

MC:rak/lmn

METRO WATER RECOVERY

Executive Committee Meeting

September 13, 2022

Action Items—Committee Recommendations

1. Consideration of Resolution Recognizing Employees' Years of Service

Operations : Unanimously recommended approval.
Finance : Unanimously recommended approval.
Executive : Unanimously recommended approval.

2. Consideration of Resolution Recognizing Directors' Years of Service

Operations : Unanimously recommended approval.
Finance : Unanimously recommended approval.
Executive : Unanimously recommended approval.

3. Consideration of Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation

Operations : Unanimously recommended approval.
Finance : Unanimously recommended approval.
Executive : Unanimously recommended approval.

METRO WATER RECOVERY

Minutes of the Regular Meeting of the Board of Directors

August 16, 2022

The Board of Directors of the Metro Water Recovery, in the Counties of Adams, Arapahoe, Douglas, Jefferson, and Weld, and the City and County of Denver, State of Colorado, met in regular session at 6450 York Street, Denver, Colorado, Tuesday, August 16, 2022 at 5:30 p.m. in the Boardroom.

Chair Johnston called the meeting to order.

1. ROLL CALL

Secretary Giddings called the roll.

Officers Present:

Andrew Johnston, Denver
Sarah Niyork, South Adams
Jo Ann Giddings, Aurora
Del Smith, Bancroft-Clover

Chair
Chair Pro Tem
Secretary
Treasurer

Directors Present:

Curt Aldstadt, Westminster
Peter Baertlein, Denver
Greg Baker, Aurora
Phil Burgi, Wheat Ridge
Nadine Caldwell, Aurora
John Chavez, Berkeley
David Councilman, Pleasant View
Deborah Crisp, East Lakewood
Clark Davenport, Northwest Lakewood
James DeHerrera, Aurora
Robert Duncanson, Denver
Joan Iler, Westridge
Janet Kieler, Denver
Craig Kocian, Arvada
Laura Kroeger, Lakewood

Kathy Laurienti, Crestview
Doug Lazure, Denver*
Bob LeGare, Aurora
Charles Long, Thornton
Steve Pott, Applewood*
Bill Ray, Arvada
Bob Roth, Aurora*
Greg Sekera, Lakewood
Peter Spanberger, Denver*
Mary Beth Susman, Denver
Amerigo Svaldi, North Washington Street
Dennis Towndrow, North Pecos*
Scott Twombly, Thornton
Jennifer Williams, Denver
Ronald Younger, Denver

Directors Absent:

Marv Falconburg, Brighton
Martin Majors, Fruitdale

Jamie Miller, North Table Mountain

Others Present:

Mickey Conway
Emily Jackson
Liam Cavanaugh
Ruth Kedzior
Molly Kostelecky

Chief Executive Officer (CEO)
General Counsel
Deputy CEO/Chief Operating Officer (COO)
Assistant to the CEO
Chief Financial Officer

Yvonne Kohlmeier
Lydia Nkem
Charlie Miller*
*Attended virtually

Senior Administrative Assistant
Executive Assistant
City of Fort Lupton

2. PUBLIC COMMENT

There was no comment.

3. APPROVAL OF MINUTES

4.a Minutes of the Board of Directors Meeting on July 19, 2022

Chair Johnston asked if there were any corrections, deletions, or additions to the minutes of the Regular Meeting of the Board of Directors held July 19, 2022.

Director Baertlein moved and Director Susman seconded the motion to approve the minutes of the Regular Meeting of the Board of Directors held July 19, 2022.

The motion carried unanimously.

4. PROGRESS AND PROJECTION REPORTS

4.a Report by CEO

CEO Conway reviewed his written report, highlighting Metro Water Recovery's sponsorship at the August 4, 2022 Greenway Foundation Reception on the River where he and Director Kroeger spoke bringing awareness to the importance of the roles of Metro Water Recovery and the Mile High Flood District and the critical community benefits provided by the two organizations, gave an update on the METROGRO Farm harvest, reminded everyone of the upcoming August 29, 2022 New Director Orientation which is open to all Directors, and noted this year's Fall Workshop will be held on October 27 at the Northern Treatment Plant.

4.b Report by General Counsel

General Counsel Jackson provided an update on the recent litigation developments commenting, due to a backlog in the courts, a trial date for the Farmers Reservoir and Irrigation Company, Burlington Ditch Reservoir and Land Company, and Henrylyn Irrigation District has been scheduled for the end of 2023. Ms. Jackson mentioned Metro Water Recovery's attendance at the National Association of Clean Water Agencies (NACWA) 2022 Utility Leadership Conference and 52nd annual meeting where she was the co-chair of the Legal Affairs Committee and facilitated the Next 50 Years of Clean Water Through the Legal and Legislative Lens panel, and also gave an update on Denver Water's Lead Reduction Program.

5. REPORTS OF OFFICERS AND COMMITTEES

6.a Meeting Minutes

There were no additions to the following meeting minutes:

Operations Committee	August 2, 2022
Finance Committee	August 4, 2022
Executive Committee	August 9, 2022

Chair Johnston reminded Directors of the Strategic Planning Committee meeting scheduled for August 23, 2022.

6. NEW BUSINESS

Consent Agenda

6.a Consideration of Revisions to the Estimated 2022 Annual Charges for Service

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, it is desirable to adjust and revise the Estimated Annual Charges for Service for 2022 of Metro Water Recovery, hereinafter referred to as "Metro;" and

WHEREAS, in 1980 the Board of Directors of Metro adopted a procedure to allow, but not require, the adjustment of Annual Charges for Service mid-year to reduce the impact of normal variability in estimating such charges; and

WHEREAS, the Chief Executive Officer and staff of Metro have prepared the 2022 Annual Charges for Service Revised Estimate based largely on the actual 2021 flows and loadings; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend approving and certifying the Revised Estimated Annual Charges for Service for 2022; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED these revisions and adjustments, as contained in the 2022 Annual Charges for Service Connector Flows, Loadings and Charges – Revised Estimate (Attachment A) and the 2022 Annual Charges for Service Calculation of Unit Charges – Revised Estimate (Attachment B) be and hereby are approved; and

BE IT FURTHER RESOLVED the Chief Executive Officer be and hereby is authorized to certify and deliver to each Member Municipality, Special Connector, and Special Corporate Connector, on or before September 1, 2022, the Revised Estimate for 2022 Annual Charges for Service as provided in Attachment A.

The motion carried unanimously.

6.b Consideration of the Estimated 2023 Annual Charges for Service

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, Article VI, Section 602, of the *Sewage Treatment and Disposal Agreement* (Service Contract) and the Special Connectors Agreement provide that on or before the first day of September next preceding each fiscal year, Metro Water Recovery, hereinafter referred to as "Metro," shall make and deliver to each Member Municipality, Special Connector, and Special Corporate Connector subject to payment to Metro of any service charge or any annual charge fixed thereby for such fiscal year, Metro's Certificate stating the estimated amount of the charge; and

WHEREAS, the Chief Executive Officer and staff of Metro have prepared such an estimate of Annual Charges for Service for 2023; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend adopting and certifying the 2023 Estimated Annual Charges for Service; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED the 2023 Annual Charges for Service Connector Flows, Loadings, and Charges – Certified Estimate (Attachment A), the 2023 Annual Charges for Service Calculation of Unit Charges – Certified Estimate (Attachment B), and 2023 Annual Charges for Service: 2023 Net Payments (Attachment C) be and hereby are adopted and certified; and

BE IT FURTHER RESOLVED the Chief Executive Officer be and hereby is authorized and instructed to deliver on or before September 1, 2022 to each Member Municipality, Special Connector, and Special Corporate Connector subject to payment to Metro of any service charge or annual charge, the Certified Estimate of 2023 Annual Charges for Service as provided in Attachment A.

The motion carried unanimously.

6.c Consideration of 2022 Information Technology Customer Experience Grouped Project

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, it is necessary Metro Water Recovery, hereinafter referred to as "Metro," appropriate \$500,000 from the Fixed Asset Replacement Fund for the 2022 Information Technology Customer Experience Grouped Project (Project); and

WHEREAS, the Project is part of a reoccurring annual program which provides a systematic approach to replacing and, where appropriate, enhancing existing business software, audiovisual systems, and user devices to run the business processes of Metro efficiently and safely; and

WHEREAS, the 2022 areas of focus for this Project are Teams Conference Rooms, Remote Work Enhancements, and Intranet Migration to Azure; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer appropriate \$500,000 from the Fixed Asset Replacement Fund for the Project; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED the sum of \$500,000 (100 percent) be and hereby is appropriated from the Fixed Asset Replacement Fund for the 2022 Information Technology Customer Experience Grouped Project.

The motion carried unanimously.

6.d Consideration of Chemical Contracts – Sodium Hypochlorite Solution

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, it is necessary Metro Water Recovery, hereinafter referred to as “Metro,” purchase a supply of sodium hypochlorite solution, used for the internal plant water system to protect piping, nozzles, and filters from biological fouling at the Robert W. Hite Treatment Facility (RWHTF); and

WHEREAS, a Request for Bids for the supply of sodium hypochlorite solution was posted on the Rocky Mountain E-Purchasing site (*BidNet*); and

WHEREAS, 162 firms received the Request for Quotes, 20 of which downloaded the bid documents, and two bids were received and opened on June 22, 2022; and

WHEREAS, DPC Industries, Inc. submitted the only responsive bid to supply sodium hypochlorite solution at a price of \$3.08 per gallon, with a total estimated one-year price of \$104,000; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend entering into a one-year contract from October 1, 2022 through September 30, 2023 for the supply of sodium hypochlorite solution with DPC Industries, Inc. at a price of \$3.08 per gallon; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED the Chief Executive Officer be and hereby is authorized to enter into a one-year contract from October 1, 2022 through September 30, 2023 for the supply of sodium hypochlorite solution with DPC Industries, Inc. at a price of \$3.08 per gallon; and

BE IT FURTHER RESOLVED the Chief Executive Officer be and hereby is authorized to enter into additional contract periods for the aforementioned contract, not exceeding a total of five years, with potentially new unit prices, if such extensions are deemed to be in the best interest of Metro.

The motion carried unanimously.

6.e Consideration of Annual Fixed Asset Replacement Priorities Project (PAR 1379) - 2022 Scope (Year 3) – Job Order Contracting Services Agreement Amendment and Funding Appropriation

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, it is in the best interest of Metro Water Recovery, hereinafter referred to as “Metro,” to replace fixed assets at the Robert W. Hite Treatment Facility which have reached the end of their useful life to ensure reliable process treatment; and

WHEREAS, in 2020, Metro staff recommended Metro enter into Job Order Contracting (JOC) Service Agreements with Moltz Construction, Inc. (Moltz) and Sturgeon Electric Company, Inc. (Sturgeon) to provide on-call civil/mechanical and electrical construction work, respectively, for Year 1 work for the Annual Fixed Asset Replacement Priorities Project (Project); and

WHEREAS, in 2021, Metro staff recommended Metro extend these agreements for Year 2 work; and

WHEREAS, Year 2 work has been completed; and

WHEREAS, Year 3 work for the Project has been identified and prioritized; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer to amend the JOC Services Agreements with Moltz and Sturgeon by one additional year to provide on-call civil/mechanical and electrical construction work, respectively, for the Year 3 work for the Project such that the combined upper limit of both contracts will not increase by more than \$1,200,000, and to appropriate \$1,200,000 from the Fixed Asset Replacement Fund for this Project; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED the Chief Executive Officer be and hereby is authorized to amend the JOC Services Agreements with Moltz Construction, Inc. and Sturgeon Electric Company, Inc. by one year to provide on-call civil/mechanical and electrical construction work, respectively, for the Annual Fixed Asset Replacement Priorities Project (Project) such that the combined upper limit of both contracts will not increase by more than \$1,200,000; and

BE IT FURTHER RESOLVED \$1,200,000 (100 percent) be and hereby is appropriated from the Fixed Asset Replacement Fund for this Project.

The motion carried unanimously.

6.f **Consideration of General Property Acquisition 2019 – 2026 (PAR 1356) – Property and Land Rights, Increased Chief Executive Officer Spending Authority, and Supplemental Appropriation**

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, it is necessary Metro Water Recovery, hereinafter referred to as “Metro,” acquire land rights to support Metro day-to-day functions and operation through the General Property Acquisition Project (Project); and

WHEREAS, in Resolution 0319-6.e the Board approved the Project to acquire certain strategic properties to support future expansions of Metro facilities; and

WHEREAS, there are two properties of interest identified in the Project which have not yet been acquired; and

WHEREAS, Metro is seeking authority to exercise eminent domain as necessary to purchase two properties along York Street which were identified as key acquisitions to support the future expansion of Metro facilities; and

WHEREAS, Metro staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate such purchases or acquisitions and appropriate a supplemental amount of \$2,300,000 for this purpose; and

WHEREAS, the Chief Executive Officer will keep the Board of Directors informed of transactions and the status of any purchase of properties and/or acquisition of land rights; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer to enter into contracts for the purchase of properties and/or acquire land rights as needed to support Metro’s day-to-day functions and operations not related to other capital projects, appropriate an additional \$2,300,000 million for these purposes, and authorize the Chief Executive Officer to exercise eminent domain authority as necessary and in the best interest of Metro for Parcels 9 and 10 as identified in Exhibit A; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED the Chief Executive Officer be and hereby is authorized to enter into contracts for the purchase of properties and/or acquire land rights as needed to support Metro’s day-to-day functions and operations not related to other capital projects; and

BE IT FURTHER RESOLVED a supplemental \$2,300,000 (100 percent) be and hereby is appropriated from the General Fund for these purposes; and

BE IT FURTHER RESOLVED the Chief Executive Officer be and hereby is authorized to exercise eminent domain authority as necessary and in the best interest of Metro for Parcels 9 and 10 as identified in Exhibit A.

The motion carried unanimously.

Roll Call Agenda

6.g Consideration of Appointments to the Defined Benefit Plan Retirement Board

Director Burgi moved and Director LeGare seconded the motion to adopt the following resolution:

WHEREAS, the terms of two members of the Defined Benefit Plan Retirement Board (DB Retirement Board) of Metro Water Recovery, hereinafter referred to as "Metro," expire on July 31, 2022; and

WHEREAS, members of the DB Retirement Board continue to serve until they are reappointed or replaced, and it is necessary appointments be made to fill these positions; and

WHEREAS, the Chair of the Board, Andrew Johnston recommends reappointing Metro Director Duncanson and Director Long to the DB Retirement Board for two-year terms expiring on July 31, 2024; and

WHEREAS, the Chair of the Board also recommends appointing Metro Director Twombly to the DB Retirement Board for a two-year term expiring on July 31, 2024;

NOW, THEREFORE, BE IT RESOLVED Metro Director Duncanson and Director Long be and hereby are reappointed to the Defined Benefit Plan Retirement Board for the term of August 16, 2022 through July 31, 2024;

BE IT FURTHER RESOLVED Metro Director Twombly be and hereby is appointed to the Defined Benefit Plan Retirement Board for the term of August 16, 2022 through July 31, 2024.

Chair Johnston called for a roll call vote which carried with 34 Directors voting Yes:

Curt Aldstadt	Joan Iler	Bill Ray
Peter Baertlein	Andrew Johnston	Bob Roth
Greg Baker	Janet Kieler	Greg Sekera
Phil Burgi	Craig Kocian	Del Smith
Nadine Caldwell	Laura Kroeger	Peter Spanberger
John Chavez	Kathy Laurienti	Mary Beth Susman
David Councilman	Doug Lazure	Amerigo Svaldi
Deborah Crisp	Bob LeGare	Dennis Towndrow
Clark Davenport	Charles Long	Scott Twombly
James DeHerrera	Sarah Niyork	Jennifer Williams
Robert Duncanson	Steve Pott	Ronald Younger
Jo Ann Giddings		

6.h **Consideration of Appointments to the Defined Contribution Plan Retirement Board**

Director Younger moved and Director Iler seconded the motion to adopt the following resolution:

WHEREAS, the terms of one member of the Defined Contribution Plan Retirement Board (DC Retirement Board) of Metro Water Recovery, hereinafter referred to as "Metro," expires on July 31, 2022; and

WHEREAS, members of the DC Retirement Board continue to serve until they are reappointed or replaced, and it is necessary appointments be made to fill these positions; and

WHEREAS, the Chair of the Board, Andrew Johnston recommends reappointing Metro Director Sekera to the DC Retirement Board to complete a two-year term expiring on July 31, 2024;

NOW, THEREFORE, BE IT RESOLVED Metro Director Sekera be and hereby is reappointed to the Defined Contribution Plan Retirement Board to complete a term from August 16, 2022 through July 31, 2024.

Chair Johnston called for a roll call vote which carried with 34 Directors voting Yes:

Curt Aldstadt	Joan Iler	Bill Ray
Peter Baertlein	Andrew Johnston	Bob Roth
Greg Baker	Janet Kieler	Greg Sekera
Phil Burgi	Craig Kocian	Del Smith
Nadine Caldwell	Laura Kroeger	Peter Spanberger
John Chavez	Kathy Laurienti	Mary Beth Susman
David Councilman	Doug Lazure	Amerigo Svaldi
Deborah Crisp	Bob LeGare	Dennis Towndrow
Clark Davenport	Charles Long	Scott Twombly
James DeHerrera	Sarah Niyork	Jennifer Williams
Robert Duncanson	Steve Pott	Ronald Younger
Jo Ann Giddings		

6.i **Consideration of Thornton-Yosemite Metering Facility Customer Category Assignment**

Director Baertlein moved and Director Councilman seconded the motion to adopt the following resolution:

WHEREAS, it is necessary for Metro Water Recovery, hereinafter referred to as "Metro," to assign an "A" customer category to the Thornton-Yosemite Metering Facility (Thornton-Yosemite); and

WHEREAS, Thornton-Yosemite was put into service when flow was redirected to the Todd Creek interceptor in January of 2018 upon decommissioning of the lift station at Yosemite Street; and

WHEREAS, based on Metro Water Recovery's *Rules and Regulations Governing the Operation, Use, and Services of the System*, Thornton-Yosemite was originally assigned as an Annual Charge Connector category "A."; and

WHEREAS, once Thornton-Yosemite was put into service, it was discovered the 1.5-mgd average flow rate included future flows from Thornton's Big Dry Creek interceptor which had not yet been constructed; and

WHEREAS without the flows from Thornton's Big Dry Creek interceptor Metro staff encountered difficulties sampling; and;

WHEREAS, due to the forgoing issues Thornton-Yosemite was subsequently reassigned as Annual Charge Connector category "D1"; and

WHEREAS, as of late 2021, the flow rates in Thornton-Yosemite began increasing and no longer meet the "D1" customer category criteria; and

WHEREAS, based on the changed circumstances Metro staff recommend reassigning Thornton-Yosemite as Annual Charge Connector category "A" assignment; and

WHEREAS, the Executive Committee, after having reviewed the matter, recommends authorizing the Chief Executive Officer to assign the Thornton-Yosemite as Annual Charge Connector category "A", effective January 1, 2023;

NOW, THEREFORE, BE IT RESOLVED the Thornton-Yosemite Metering Facility be and hereby is assigned as Annual Charge Connector category "A", effective January 1, 2023.

CEO Conway explained the required change and timeline according to Metro Water Recovery's *Rules and Regulations* and how this was positive for Metro and Thornton.

Chair Johnston called for a roll call vote which carried with 34 Directors voting Yes:

Curt Aldstadt	Joan Iler	Bill Ray
Peter Baertlein	Andrew Johnston	Bob Roth
Greg Baker	Janet Kieler	Greg Sekera
Phil Burgi	Craig Kocian	Del Smith
Nadine Caldwell	Laura Kroeger	Peter Spanberger
John Chavez	Kathy Laurienti	Mary Beth Susman
David Councilman	Doug Lazure	Amerigo Svaldi
Deborah Crisp	Bob LeGare	Dennis Towndrow
Clark Davenport	Charles Long	Scott Twombly
James DeHerrera	Sarah Niyork	Jennifer Williams
Robert Duncanson	Steve Pott	Ronald Younger
Jo Ann Giddings		

7. INDIVIDUAL DIRECTOR COMMENTS

Chair Johnston reminded Directors of the New Director Orientation on Monday, August 29 with breakfast at 7 a.m.

8. OTHER INFORMATION

There was none.

9. ADJOURNMENT

Chair Johnston adjourned the meeting at 5:54 p.m.

MC\raklyjk

METRO WATER RECOVERY

MEMORANDUM

TO: Board of Directors
FROM: Mickey Conway, Chief Executive Officer
RE: Chief Executive Officer's Report

DATE: September 14, 2022

1. Welcome New Directors

I would like to welcome our newly appointed Board Director to Metro Water Recovery:

- Charlie Miller, representing the City of Fort Lupton



2. Metro Water Recovery wins Silver Excellence in Management Award

Metro Water Recovery was recently awarded the Silver Excellence in Management Award by the National Association of Clean Water Agencies (NACWA). Silver Recognition means Metro has fully implemented or has taken substantive steps to implement a total of five of the Ten Attributes of Effectively Managed Water Sector Utilities. On Monday, July 25, 2022, Excellence in Management certificates were presented during NACWA's Summer Award Ceremony held in Seattle, Washington.



Left to Right: Director of Strategy and Communication Dawn Ambrosio, NACWA Awards Committee Chair Laura Briefer, CEO Mickey Conway.

The Attributes provide useful and concise goals for water sector utility managers seeking to improve organization-wide performance. The Attributes describe desired outcomes which are applicable to all water and wastewater utilities. They comprise a comprehensive framework related to operations, infrastructure, customer satisfaction, community sustainability, natural resource stewardship, and financial performance.

3. Metro Water Recovery

For the first time ever, Metro Water Recovery hosted Rocky Mountain Water Environment Association's (RMWEA) 2022 regional Operations Challenge Rocky Mountain Rivalry at the Robert W. Hite Treatment Facility (RWHTF) on Friday, July 29, 2022. More than 50 coaches, team members, judges, volunteers, and Metro employees attended the event, which was hosted in the Resource Recovery and Reuse (RR&R) Biosolids Fleet Services Building (RBFS).

Metro Water Recovery's Elevated Ops took first place overall at the event, earning themselves a bid to participate in the national operations challenge event during the Water Environment Foundation Technical Exhibition and Conference (WEFTEC) 2022 in New Orleans.



Elevated Ops team members Matt Duncan, Kelsey Gedge, Josh Mallorely, and Lance Wenzholz participating in RMWEA challenges. Not pictured: Coach Orren West.

4. Metro Water Recovery Receives Healthy Workplace Award

Metro Water Recovery was a recipient of the [Champion of Well-Being Leader Award](#) at the 2022 Health Links™ Annual Event on August 25, 2022. Health Links is an organization in Colorado which assists other organizations in creating healthier, safer workplaces. They use a holistic approach to worker well-being which enhances safety, health, and productivity. The Champion of Well-being Awards recognize one outstanding workplace in each of the three levels of Healthy Workplace Certification™: Certified, Partner, and Leader. Metro has also been featured on Health Links' website as a healthy workplace success story and can be read [here](#).

5. Retirement Board Meetings

Metro Water Recovery's Defined Benefit Plan Retirement Board (DB Retirement Board) and the Defined Contribution Plan Retirement Board (DC Retirement Board) both met separately on August 25, 2022. As of June 30, 2022, the Defined Benefit Retirement Plan Fund was valued at \$123,109,621 and had 172 active members. The Defined Contribution Retirement Plan held \$11,306,475 in assets and had 253 participants as of June 30. The DB Retirement Board reelected Sherman Papke as Chair and elected Orren West as Secretary and the DC Retirement Board reelected Colleen Dempsey as Chair and elected Dave Slaughter as Secretary.

6. New Director Orientation

The New Director Orientation was held Monday, August 29, 2022, with the following Directors in attendance:

Curt Aldstadt, City of Westminster; Clark Davenport, Northwest Lakewood Sanitation District; James DeHerrera, City of Aurora; Bob LeGare, City of Aurora; Charlie Miller, City of Fort Lupton, Jamie Miller, North Table Mountain Water and Sanitation District; and Scott Twombly, City of Thornton.

Mary Gearhart, who will be representing the City and County of Denver in the near future, was also in attendance.

Thank you to all Directors who were a part of this orientation and to our Officers for their presentations: Chair Andrew Johnston, Chair Pro Tem Sarah Niyork, Secretary Jo Ann Giddings, and Treasurer Del Smith.

7. METROGRO Farm Tour

The METROGRO Farm Tour will be held Wednesday, September 21, 2022. Vans will be leaving the Administration Building parking lot at 7 a.m. and returning about 2 p.m. This a great opportunity to observe fall planting and learn about the biosolids program. We have spots available so please RSVP through Board Effect at your earliest convenience.

8. Board of Directors Fall Workshop

The Board of Directors Fall Workshop will be held Thursday, October 27, 2022, in the Visitors Center at the Northern Treatment Plant. Please RSVP via the event card in BoardEffect by October 19th.

9. Town Hall – An Invitation

You are invited to Metro Water Recovery’s next Town Hall—scheduled for Wednesday, November 9, at 12 p.m. The Town Hall will be held in the RBFS at the RWHTF. This is a fantastic opportunity for Directors to interact with our dedicated employees and celebrate our accomplishments over the past year and look forward to our goals for the year ahead. The meeting will be approximately two hours with lunch served at noon.

10. Upcoming Events

Please add applicable meeting dates to your calendars.

<u>Date</u>	<u>Event/Location</u>
Wednesday, September 21, 2022 8 a.m. – 1 p.m. (lunch served at the Farm)	METROGRO Farm Tour Vans will depart from Administration Building at 7 a.m. and return around 2 p.m.
Thursday, October 27, 2022 8 a.m. (breakfast served at 7 a.m.)	Fall Board Workshop Northern Treatment Plant
Thursday, November 3, 2022 9 a.m. or directly following Finance	Audit Committee Boardroom
Wednesday, November 9, 2022 12 p.m.	Fall Metro 6.0 Town Hall RBFS
Thursday, November 10, 2022 7:30 a.m. (breakfast served at 7 a.m.)	Defined Contribution Plan Retirement Board Boardroom
Thursday, November 10, 2022 2 p.m.	Defined Benefit Plan Retirement Board Boardroom
Tuesday, December 20, 2022 5 p.m.	Annual Employee Recognition Reception Prior to Board of Directors Meeting



METRO WATER RECOVERY

MEMORANDUM

TO: Board of Directors

DATE: September 12, 2022

FROM: Emily Jackson, General Counsel

RE: General Counsel Report

ONGOING BUSINESS

TODD CREEK VILLAGE METROPOLITAN DISTRICT – SPECIAL CONNECTOR REQUEST

On July 22, 2022, Todd Creek Village Metropolitan District (TCVMD) submitted a letter to apply for connection to Metro Water Recovery's system as a Special Connector. Their request, if granted, would allow TCVMD to send flows to Metro's Northern

Treatment Plan to treat Todd Creek's wastewater from future development. Metro staff have been reviewing the materials and are requesting more information from Todd Creek to ensure feasibility of connection. During this process, Office of the General Counsel has been working with Director of Strategy and Communication Dawn Ambrosio to create a workflow for connection requests and a checklist of items required from potential connectors to smooth the feasibility check process for staff.

OGC Monthly Numbers

- ✓ 2 Resolutions Drafted
- ✓ 7 Contracts Reviewed
- ✓ 11 Total Requests Completed

METRO WATER RECOVERY NAME AND DESIGN TRADEMARK

The U.S. Patent and Trademark Office issued an Office Action for the METRO WATER RECOVERY and Design trademark application. The Examining Attorney found no pending applications or registered marks which bar registration of the trademark and did not raise any other substantive issues with the application. The Examining Attorney requested clarifications on the description of services. Metro agrees with the Examining Attorneys proposed clarifications to the description services and awaits final trademark status.

PERMIT MODIFICATION

On August 11, 2022, Metro Water Recovery received the public notice from the Water Quality Control Division (WQCD) for a proposed permit modification to Metro's Colorado Discharge Permit System Permit for its Robert W. Hite Treatment Facility as well as South Platte Renew's and the City of Broomfield's permits. The proposed permit modification would (1) add 15 per- and polyfluoroalkyl substances (PFAS) parameters for effluent sampling and monitoring; and (2) require Metro to use a different, *draft* analytical method – Environmental Protection Agency (EPA) draft method 1633 - and associated additional quality control steps included in Table B-24 Per- and Polyfluoroalkyl Substances (PFAS) analysis by LC/MS/MS (EPA Draft Method 1633). Metro does not support moving to the 1633 method until it is finalized by EPA. Comments are due September 12, 2022, and Metro plans to submit comments.

PFAS BIOSOLIDS

The EPA is currently undergoing a multi-year risk assessment to evaluate PFAS in biosolids, which is scheduled to be finalized in the winter of 2024. The Colorado Department of Public Health and Environment (CDPHE), WQCD, initiated a workgroup to develop an interim strategy for PFAS in biosolids for 2023 in Colorado. Metro Water Recovery staff have participated in WQCD-led stakeholder meetings on WQCD's planned interim strategy, which have been held on June 7, July 19, and August 25, 2022. The final meeting will be held on October 4, 2022. Metro, as part of a larger coalition of public water and wastewater entities, has provided WQCD with two rounds of feedback and has raised concerns regarding current and expected laboratory capacity to analyze samples; and the frequency of sampling, under the interim strategy and source control requirements which would conflict with Metro's permit requirements.

EPA'S COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) RULEMAKING PUBLIC NOTICE

On September 6, 2022, the EPA published a proposed rule in the *Federal Register*, which would designate two PFAS chemicals, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), as hazardous substances under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also commonly referred to as the superfund law. This action is precedential in nature because it is the first time EPA is using its regulatory authority to directly designate hazardous substances under CERCLA. Publication started a 60-day public comment period, set to end on November 7, 2022. Metro Water Recovery staff are working with peers in Colorado, as well as the National Association of Clean Water Agencies (NACWA), to develop comments on the proposed rule.

REGULATION 38 PUBLIC COMMENT LETTER

A rulemaking hearing is scheduled on September 12-13, 2022 to evaluate the petition which was submitted last fall concerning the antidegradation designations for Segments [COSPUS15*](#), [COSPM01A*](#), and [COSPCL15](#) (*segments relevant to Metro Water Recovery). On August 31, 2022, Metro submitted a comment letter to the CDPHE Water Quality Control Commission:

"Re: Public Comment in the matter of the September 2022 Regulation #38 Rulemaking

To the Members of the Water Quality Control Commission:

Metro Water Recovery ("Metro") is a public entity formed under Colorado law in 1961 to provide the essential service of sanitary sewage collection and treatment for its vast system of residential and commercial users. Metro is the largest water and resource recovery agency in the Rocky Mountain West, serving approximately 2.2 million people in an 805-square-mile area. In partnership with 61 local governments, comprised of cities, counties, sanitation districts, and water and sanitation districts, Metro collects and cleans millions of gallons of water every day to make it suitable for agriculture, aquatic life, recreation, and water supply. Our leadership and staff are committed to meeting the expectations of our customers to provide a high level of service at an affordable price.

At the time Metro was formed, the South Platte River through the Denver urban corridor was “devoid of life” due to essentially uncontrolled sewage disposal and other pollution. With the work of Metro’s leadership, staff, and customers, sixty years of investments in the quality of the South Platte River has resulted in a healthy waterway the local community enjoys as a valued amenity and economic driver. In the current Regulation 38 rulemaking, Petitioners cite “years of restoration efforts, water quality control measures, and investment in treatment technology” (citation removed) as the reasons for the current quality of the river, and Metro is proud to be a primary leader in those efforts and the results they have produced.

The South Platte River is and in recorded memory has been a warm, flat, sandy-bottom, and often dry plains river. Before European settlers started bringing water to the South Platte Basin through trans-mountain ditches in the 1880s, according to the State Engineer, E.S. Nettleton, the river ran dry. “Those who came up the South Platte valley a few years ago will remember crossing the river, in the eastern part of Weld county, on the dry sand. Within the last ten years, at Platteville, the river has vanished utterly at times, so that people could cross and recross dry shod.” (Report of the State Engineer to the Governor of Colorado for the Years 1883 and 1884, State Engineer, E.S. Nettleton, December 1884, page 211). Even through the beginning of the Twentieth Century, the river was dry. “[T]he flow of the river at times during the summer months was exceedingly small; and at places the stream would sink beneath the sands of the riverbed.” (Return of Seepage Water to the Lower South Platte River in Colorado, Ralph Parshall December 1922, page 4.)

In the six decades since Metro began working on and along the South Platte River, our team of water professionals has performed and continues to conduct exhaustive ambient sampling confirming that a once “dead” river has been renewed. This work confirms major water quality progress and improvements rather than degradation, validating that the current water quality policy is doing its job despite current water quality problems.

Acknowledging all the progress that has been made, in 2022 the South Platte River remains a critically important waterbody subject to many and increasing demands in a growing, warming, and drying urbanized region. Metro hears and respects the customers, community leaders, and other stakeholders who support a “reviewable” designation on the river’s Segments currently designated as Use Protected. The often competing interests in the river’s uses, as well as impacts of stormwater and non-point source pollution, pose challenges to Metro and its customers throughout our service area, regulators, policymakers, and interested community members alike. A decision to remove the Use Protected designation for Upper South Platte Segment 15 and Middle South Platte Segment 1a likely would present additional challenges affecting the affordability of Metro’s indispensable services in the future.

In the June 2020 Regulation 38 rulemaking proceedings, Metro provided extensive detailed historic information and water quality analysis from the period 2015 to 2019 to demonstrate that the Use Protected designation for Segments 15 and 1a is warranted because of the substantial natural and irreversible human induced pollution from urban non-point sources, uncontrollable point sources, and low flow conditions caused by water diversions for the exercise of water rights. (citation removed). The conditions on the South Platte River segments at issue continue to warrant retention of the Use Protected designation in accordance with the plain language of Regulation 31.8(2)(b)(ii) (the “Discretionary Test”), acknowledging the Water Quality Control Division’s proposed interpretation. (citation removed). In support of such a finding, please see the enclosed updated water quality analysis from the period 2017 to 2021.

Metro appreciates the past and current efforts of the Commission to thoughtfully evaluate the appropriate balance of competing demands on these important and challenging river Segments.”

LITIGATION

New developments since last month’s report are shown in **bold**.

MWHC COMPLAINT

On August 26, 2022, MWH Contractors (MWHC or Plaintiff) filed a civil action (2022cv32466) in Denver County District Court against Metro Water Recovery concerning the Solids Processing Building Improvements Project (PAR 1244) (Project). The action requests declaratory judgment related to the following allegations-IMPLIED WARRANTY, a duty to disclose superior knowledge, mutual mistake, and MWHC is not responsible for delays and damages caused by KWS Manufacturing Company (KWS), as well as alleging breach of contract. The claims relate to issues arising from the gates supplied by KWS. The gates release biosolids from the four storage bins to the METROGRO trucks. Metro does not have a contractual relationship with KWS; MWHC holds the contract with KWS.

Although Metro Water Recovery has not filed its answer, nor formulated its defenses, Metro disputes the allegations in the Complaint and the relief sought.

Metro Water Recovery has employed outside legal counsel to assist with this matter. Outside counsel for Metro is Laurin Quiat with BakerHostetler.

DITCH COMPANIES LITIGATION

On March 15, 2021, the Farmers Reservoir and Irrigation Company, Burlington Ditch Reservoir and Land Company, and Henrylyn Irrigation District (collectively, Plaintiffs) filed a civil action (Case Number 2021CV30324) in Adams County District Court against Metro Water Recovery. The action asserts breach of contract, declaratory judgment, and promissory estoppel claims arising out of an alleged breach of a 1968 Agreement (Agreement) between Metro, City and County of Denver acting through the Board of Water Commissioners (Denver Water), and Plaintiffs. Among other relief, Plaintiffs seek a court order requiring Metro obtain a water quality discharge permit for an outfall to the Burlington Canal which is currently not in operation due to a lack of connecting infrastructure.

Metro Water Recovery disputes the allegations in the Complaint and the relief sought. On May 10, 2021, Metro filed a Motion to Dismiss arguing Plaintiffs’ claims should be dismissed pursuant to C.R.C.P. 12(b)(1) and 12(h)(3) for lack of subject matter jurisdiction and pursuant to C.R.C.P. 12(b)(5) for failure to state a claim. The Plaintiffs responded to the motion, and Metro replied. On February 15, 2022, the Court denied the Metro’s Motion to Dismiss. Metro submitted its answer including counterclaims on March 18, 2022. The trial has been set for December 4, 2023.

Metro Water Recovery has employed outside legal counsel to assist with this matter. Outside counsel for Metro is Colin Deihl with Polsinelli.

DONALD TEMPLES LITIGATION

On June 2, 2021, Donald Temples, a tanker truck driver who delivered polymer to Metro Water Recovery, filed a civil action (Case Number 2021CV31691) in Denver District Court against Metro and John Doe Construction Company, and subsequently amended its complaint three times to name PCL Construction and the concrete subcontractor Blue Ribbon Concrete, Inc as defendants. The action asserts premises liability arising out of an alleged slip and fall accident. Additionally, the workers compensation insurance company for Mr. Temples employer filed a complaint in intervention seeking subrogation for the benefits paid to or on behalf of Mr. Temples as well as motion to intervene.

On June 22, 2021, Metro Water Recovery filed a motion for stay of proceedings and for leave to conduct limited discovery for purposes of determining sovereign immunity pursuant to C.R.S. § 24-10-108. On July 27, 2021, Metro filed its answers to the complaints disputing the allegations and the relief sought. On September 14, 2021, the Court issued an order granting Metro's motion thereby staying the proceeding. During this period the parties are allowed to conduct discovery limited to the issue of sovereign immunity. On January 27, 2022, Metro filed a Motion to Dismiss outlining the undisputed facts gained during the discovery period and providing the legal arguments why Plaintiff's claims are barred by the Colorado Governmental Immunities Act. The motions practice has concluded on the Motion to Dismiss. The Court may elect to hold an evidentiary hearing (generally referred to as a Trinity Hearing) or may choose to rule on the motion and associated documents. There is no deadline for the Court to rule.

Through the Colorado Special Districts Property and Liability Pool, with which Metro Water Recovery carries general liability insurance, Metro has employed outside legal counsel to assist with this matter. Outside counsel for Metro is Marni Nathan Kloster with Nathan Dumm & Mayer, P.C.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
September 20, 2022**

WHEREAS, by the year ending December 31, 2022, certain employees of Metro Water Recovery will have completed five, ten, fifteen, twenty, twenty-five, and thirty-five years of faithful service on behalf of Metro Water Recovery and the people of the Denver metropolitan area; and

WHEREAS, it is right and proper such loyal service be recognized by the Board of Directors on behalf of the people served by Metro Water Recovery;

NOW, THEREFORE, BE IT RESOLVED the Board of Directors of Metro Water Recovery by this resolution hereby recognizes the loyal and faithful service rendered by:

35 YEARS OF SERVICE

James E Hudak

Ronald K Motooka

Rob R White

25 YEARS OF SERVICE

Earl L Green

Sean Rutt

20 YEARS OF SERVICE

*Douglas J Connolly
Steve E Lundt
Kisha L Ortiz*

*Troy G Gottschalk
Lisa M O'Brien
Suzanne E Renter*

*Rodney W Kemper
Michael P O'Mara
Georgina Valadez*

15 YEARS OF SERVICE

*Kenneth R Betts
Joshua D Malloreay*

*Amy L Burk
Dan J Pointon*

*Kelly D Cisneros
Judy A White*

10 YEARS OF SERVICE

*Scott A Ast
Christopher W Ernst
Denise C Manguso
Scott W Reed
Orren E West*

*Kevin W Cline
James C Halliwell
Matthew W Mullins
Obed Rodriguez-Sarmiento*

*Adam R Dyche
James P Jackson
Ian E Myers
Elisabeth A Werth
Jason J Zimbelman*

5 YEARS OF SERVICE

*Hassan E AlSai
Rachel J Bowden
Caleb A Frandsen
Salina M Jenkins
Nathan E Reichner*

*Dawn M Ambrosio
Colleen M Dempsey
Brian L Haggerty
Tyson L Johnecheck
Jennifer T Robinett*

*Todd A Bezerra
Donald L Ekstein
Joseph A Helbok
Jason Lee
William O Whitley*

BE IT FURTHER RESOLVED awards and certificates of five, ten, fifteen, twenty, twenty-five, and thirty-five years of service be tendered to the above-named employees to express the appreciation of this Board of Directors and the people whom it represents.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
September 20, 2022**

WHEREAS, by the year ending December 31, 2022, certain members of the Board of Directors of Metro Water Recovery will have completed five and ten years of faithful service on behalf of Metro Water Recovery; and

WHEREAS, it is right and proper such loyal service be recognized by the Board of Directors on behalf of the people served by Metro Water Recovery;

NOW, THEREFORE, BE IT RESOLVED the Board of Directors of Metro Water Recovery by this Resolution recognizes the loyal and faithful service rendered by:

TEN YEARS OF SERVICE

*David Councilman, Pleasant View Water and Sanitation
District*

Scott Twombly, City of Thornton

FIVE YEARS OF SERVICE

Bill Ray, City of Arvada

Peter Spanberger, City and County of Denver

BE IT FURTHER RESOLVED certificates of five and ten years of service be tendered to the above-named Directors to express the appreciation of Metro Water Recovery Board of Directors and the people to whom it represents.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
September 20, 2022**

WHEREAS, it is in the best interest of Metro Water Recovery, hereinafter referred to as "Metro," to enter into a Job Order Contracting (JOC) Agreement for preconstruction and construction services for the Northern Treatment Plant (NTP) Effluent Temperature Project (Project); and

WHEREAS, Metro staff are working toward the objective of meeting the temperature reduction requirements at both the Robert W. Hite Treatment Facility (RWHTF) and NTP; and

WHEREAS, since there are currently no known wastewater facilities in cold weather climates employing cooling tower technology for effluent temperature reduction and no Water Quality Control Division (WQCD) approved design criteria, Metro staff will use this Project to determine whether this is a viable solution for thermal pollution reduction in this region; and

WHEREAS, if shown to be technically, environmentally, and economically feasible, the data collected during the Project will facilitate the design of these cooling systems and help optimize the operation and maintenance of effluent cooling systems for both the RWHTF and NTP; and

WHEREAS, on June 30, 2022, Metro posted a Request for Proposals on the Rocky Mountain E-Purchasing site (*BidNet*) for preconstruction and construction services for the Project, and received one proposal on July 28, 2022; and

WHEREAS, through a standard selection process, the proposal was reviewed by Metro staff, and the firm was invited to participate in an interview on August 17, 2022, with a Selection Committee of Metro staff and Board Directors; and

WHEREAS, the Selection Committee recommended selecting Hensel Phelps (Hensel) to provide preconstruction and construction services for the Project and, on behalf of the Board of Directors, Directors on the Selection Committee instructed staff to negotiate an agreement; and

WHEREAS, Metro staff has negotiated a JOC Agreement with Hensel not-to-exceed \$800,000, to provide preconstruction and construction services through issuance of individual Task Orders for the Project; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer to enter into a JOC Agreement with Hensel not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Project, and appropriate \$1,140,000 from the General Fund Capital Project Account for these purposes; and

WHEREAS, the Executive Committee, after having reviewed the matter, concurs in the recommendation of the other committees;

NOW, THEREFORE, BE IT RESOLVED the Chief Executive Officer be and hereby is authorized to enter into a Job Order Contracting Agreement with Hensel Phelps not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Northern Treatment Plant Effluent Temperature Project (Project); and

BE IT FURTHER RESOLVED the sum of \$1,140,000 (100 percent) from the General Fund Capital Project Account be and hereby is appropriated for this Project.

METRO WATER RECOVERY

Defined Benefit Plan Retirement Board Meeting Minutes Thursday, May 26, 2022

A meeting of the Defined Benefit Plan Retirement Board (DB Retirement Board) of Metro Water Recovery was held Thursday, May 26, 2022 at 7:30 a.m., in the Metro Boardroom.

1. Roll Call of Members

Chairman Papke called the roll.

Members Present

Sherman Papke, Chairman
John Dingess, Secretary
Robert Duncanson
Charles Long
Del Smith
Orren West

Members Absent

Craig Kocian

Others Present

Mickey Conway
Emily Jackson*
Colleen Dempsey
Molly Kostelecky
Norma Arnwine
Ruth Kedzior
Lydia Nkem
Brittany Peshek
Dale Connors, CapFinancial
Partners, LLC "CAPTRUST"
Andy Fiegel, CAPTRUST
Joel Stewart, Milliman
Jason Ellis, Moss Adams, LLC "Moss
Adams"
Corey Reavis, US Bank

Employee Liaisons

Ted Graber
James Jackson
Josh Malloreay
Theresa Stone

*Attended virtually

2. Public Comment

General Counsel Jackson explained the guidelines for public comment before a member of the public addressed the DB Retirement Board.

Mr. Graber clarified his comments at the last meeting and presented his case for the inclusion of a Cost Of Living Adjustment in the Defined Benefit Retirement Plan (DB Plan) and equity between the participants of the DB Plan and the Defined Contribution Retirement Plan.

3. Approval of Minutes from the February 24, 2022 Meeting

Chairman Papke asked if there were any corrections, deletions, or additions to the minutes of the DB Retirement Board meeting held February 24, 2022.

Director Dingess moved and Director Smith seconded the motion to approve the minutes of the February 24, 2022 meeting of the DB Retirement Board.

The motion carried unanimously.

4. Reports to the DB Retirement Board

a. Presentation on the 2021 Audit of Metro Water Recovery's DB Plan Financial Statements

Mr. Ellis reviewed the written report, stating no material misstatements were identified through the auditing process for the DB Plan and no disagreements were found with Metro Water Recovery management.

b. Presentation on the Actuarial Valuation for Metro Water Recovery's DB Plan Year as of January 1, 2022

- January 1, 2022 Actuarial Valuation Report
- Governmental Accounting Standards Board (GASB) 67 and 68 Disclosure for Fiscal Year 2021
- January 1, 2022 Actuarial Valuation Report — Summary of Results

Mr. Stewart reviewed the written report.

Mr. Stewart answered questions regarding the current life expectancy age and if lump sum elections have followed expected trends.

c. DB Plan Financial Reports — Quarter-Ending March 31, 2022

Ms. Kostelecky reviewed her written report.

d. DB Plan Fund Investment Performance Report — Quarter-Ending March 31, 2022

Mr. Fiegel reviewed the written report, highlighting a current downturn in the market due to geopolitical turmoil and other issues.

Mr. Fiegel and Mr. Connors answered a question concerning how commodities have performed and Mr. Connors responded to comments on real estate investments and overall DB Plan performance.

e. DB Plan Fund Investment Performance Monthly Flash Report, April 30, 2022

Mr. Fiegel reviewed the report.

5. Action Items

a. **Consideration of 2022 Contribution to Metro Water Recovery's DB Plan**

Director Duncanson moved and Director Long seconded the motion to recommend contributing \$10,053,490 on January 1, 2023 to Metro Water Recovery's DB Plan pursuant to the Actuarial Valuation for the Plan as of January 1, 2022.

The motion passed unanimously.

6. Information Items

a. Asset Allocation Study 2022

Mr. Connors reviewed the written report.

Mr. Connors answered a question about if investments in commodities should be increased, and Mr. Fiegel and Mr. Connors answered a question regarding if commodities other than oil could be considered.

Director Dingess urged the DB Retirement Board to keep an eye on commodities and consider new commodities which may emerge as leaders in economic growth.

b. Russian Investment Exposure

Mr. Connors gave an overview of the item, noting the two global stock managers used by the DB Plan removed most of the holdings exposed to Russia before movement froze. He also commented on the impact Russia has on the European and global market.

Mr. Connors answered questions concerning the message being given to the global stock managers with holdings in Russian stock and current issues related to China and Taiwan. He and Mr. Fiegel answered a question about CAPTRUST's position on the Chinese market.

7. Other Information

There was none.

8. Upcoming 2022 Quarterly Meetings

- Thursday, August 25, 2022, 7:30 a.m.
- Thursday, November 10, 2022, 2 p.m.

Chairman Papke noted the November meeting had been moved to a new time and date.

9. Adjournment

Chairman Papke adjourned the meeting at 9:09 a.m.

MC:rak/lmn

METRO WATER RECOVERY

Defined Contribution Plan Retirement Board Meeting Minutes

Thursday, May 26, 2022

The meeting of the Defined Contribution Plan Retirement Board (DC Retirement Board) of Metro Water Recovery was held Thursday, May 26, 2022 at 12 p.m., in the Metro Boardroom.

1. Roll Call of Members

Chair Dempsey welcomed and introduced new DC Retirement Board member Dave Slaughter.

Secretary Sekera called the roll.

Members Present

Colleen Dempsey, Chair
Greg Sekera, Secretary
Janet Kieler
Christeen Thyfault
Dave Slaughter

Others Present

Mickey Conway
Emily Jackson*
Molly Kostelecky
Ruth Kedzior
Norma Arnwine
Lydia Nkem
Brittany Peshek
Jared Martin, Innovest Portfolio
Solutions "Innovest"
Rick Rodgers, Innovest
Tjarda Dijkstra, MissionSquare
Retirement "MissionSquare"
Matt Greer, MissionSquare
Amy Humphrey, MissionSquare

Employee Liaisons

Kelli Dalton
Jonathan Downey
Corey Kreifels
Colleen Miller

*Attended virtually

2. Public Comment

There was none.

3. Approval of Minutes from February 24, 2022 Meeting

Chair Dempsey asked if there were any corrections, deletions, or additions to the minutes of the DC Retirement Board meeting held February 24, 2022.

Director Kieler moved and Director Sekera seconded the motion to approve the minutes of the February 24, 2022 meeting of the DC Retirement Board.

The motion carried unanimously.

4. Reports to the DC Retirement Board

- a. Defined Contribution Retirement Plan (DC Plan) Key Statistics Report — Quarter-Ending March 31, 2022
- b. First Quarter Portfolio Review

Mr. Rodgers reviewed the written report, highlighting Innovest's upcoming open house, recent litigation for retirement plans, and recent market struggles.

Mr. Rodgers answered a question regarding who is responsible in litigation cases against retirement plans.

Ms. Kostelecky answered a question concerning DC Plan insurance.

5. Information Items

- a. Regulatory Update by MissionSquare

Ms. Dijkstra gave an overview of the recent regulatory items and Ms. Humphrey gave an overview of research provided by MissionSquare.

Ms. Dijkstra and Ms. Humphrey answered a question about how current regulatory issues would impact the DC Plan.

- b. Investment Menu Review

Mr. Martin gave an overview of the investment menu review and Innovest's philosophy to prototype lineups. He also noted Innovest would be happy to offer fiduciary training to Director Slaughter, if needed.

Mr. Rodgers answered questions concerning alignment of the DC Plan with the 457(b) Deferred Compensation Plan (457(b) Plan), if recommended funds include revenue sharing, how DC Plan participants could have access to specialty funds, and if Vanguard fees are expected to drop to match the current Fidelity fees.

Mr. Martin answered questions regarding how the rate of returns for the current DC Plan small and mid cap investment indexes compare to the proposed indexes, confirmed the MissionSquare Cash Management fund is only used to hold forfeitures, and the reasoning behind eliminating the real estate fund.

Ms. Dijkstra answered a question concerning if changing the MissionSquare forfeiture fund changes access to those funds.

6. Action Items

- a. **Consideration of Fund Replacement**

Director Kieler moved and Director Slaughter seconded the motion to recommend replacing the Vanguard 500 Index fund with the Fidelity 500 Index fund.

The motion passed unanimously.

b. Consideration of Fund Replacement

Director Slaughter moved and Director Kieler seconded the motion to recommend replacing the Vanguard Mid-Cap Index fund with the Fidelity Mid-Cap Index fund.

The motion passed unanimously.

c. Consideration of Fund Replacement

Director Sekera moved and Director Slaughter seconded the motion to recommend replacing the Vanguard Small-Cap Index fund with the Fidelity Small-Cap Index fund.

The motion passed unanimously.

d. Consideration of Fund Replacement

Director Kieler moved and Director Slaughter seconded the motion to recommend replacing the Vanguard Total International Stock Index fund with the Fidelity Total International Stock Index fund.

The motion passed unanimously.

e. Consideration of Fund Addition

Director Kieler moved and Director Slaughter seconded the motion to recommend adding the Fidelity US Bond Index fund.

The motion passed unanimously.

f. Consideration of Fund Replacement

Director Slaughter moved and Director Thyfault seconded the motion to recommend replacing the Vanguard Equity-Income fund with the Dodge and Cox Stock fund.

The motion passed unanimously.

g. Consideration of Fund Replacement

Director Slaughter moved and Director Thyfault seconded the motion to recommend replacing the BlackRock Mid-Cap Value fund with the Victory Sycamore Established Value fund.

The motion passed unanimously.

h. Consideration of Fund Addition

Director Slaughter moved and Director Sekera seconded the motion to recommend adding the Dodge and Cox International fund.

The motion passed unanimously.

i. **Consideration of Fund Elimination**

Director Slaughter moved and Director Thyfault seconded the motion to recommend eliminating the PIMCO High Yield Fund and mapping the assets to the MetWest Total Return fund.

The motion passed unanimously.

j. **Consideration of Fund Elimination**

Director Slaughter moved and Director Kieler seconded the motion to recommend eliminating the MissionSquare Cash Management fund (used for forfeitures only) and mapping the assets to the MissionSquare PLUS fund.

The motion passed unanimously.

k. **Consideration of Fund Replacement**

Director Thyfault moved and Director Slaughter seconded the motion to recommend eliminating the TIAA-CREF Real Estate fund and mapping the assets to the Fidelity Mid-Index fund.

The motion passed unanimously.

Mr. Martin noted both MissionSquare and Innovest would communicate changes to the fund lineup to be distributed to all DC Plan participants.

Ms. Arnwine answered a question regarding how and when the fund changes would be communicated to DC Plan participants.

5. **Information Items** *(continued)*

c. **Investment Policy Statement Review**

Mr. Rodgers gave an overview of the item, noting the investment consultant should be named as a co-fiduciary and funds used are included in an appendix to be updated as needed.

Chair Dempsey requested to change references of Committee to the DC Retirement Board. She also noted the relined version of the Investment Policy Statement was from the 457(b) Plan not the current DC Plan, the correct version would be sent to Innovest for changes, and the DC Retirement Board would review the final changes in August and vote on the changes in either August or November. She also requested the concept of eliminating revenue sharing be included in the plan fees section.

Mr. Rodgers answered questions concerning if the ongoing review section refers only to target date funds, how fund changes would be updated in the appendixes, and if the DC Retirement Board would have to vote on changes to the appendixes.

d. DC Board Appointment

Chair Dempsey gave an overview of the item, noting some Director terms are up for renewal in July 2022.

7. **Other Information**

There was none.

8. **Upcoming 2022 Quarterly Meetings**

- Thursday, August 25, 2022, 12 p.m.
- Thursday, November 10, 2022, 7:30 a.m.

Chair Dempsey noted the November meeting had been moved to a new time and date.

9. **Adjournment**

Chair Dempsey adjourned the meeting at 1:43 p.m.

MC:rak/lmn

METRO WATER RECOVERY

Operations Committee Meeting Minutes

Tuesday, September 6, 2022

The meeting of the Operations Committee of Metro Water Recovery was held Tuesday, September 6, 2022 at 11:30 a.m., in the Boardroom.

Roll Call

Chair Williams called the roll.

Members Present

Jennifer Williams, Chair
Bill Ray, Vice Chair
Nadine Caldwell*
Clark Davenport
James DeHerrera
Robert Duncanson
Marv Falconburg*
Joan Iler
Bob LeGare
Steve Pott*
Bill Ray
Greg Sekera
Mary Beth Susman
Amerigo Svaldi
Dennis Towndrow
Scott Twombly

Members Absent

John Chavez
David Councilman
Martin Majors
Jamie Miller

Others Present

Mickey Conway
Emily Jackson
Liam Cavanaugh
Martin Alvis
Dawn Ambrosio
Kim Cowan
Colleen Dempsey
Perry Holland
Ruth Kedzior*
Molly Kostelecky
Andy Nelson
Sherman Papke
Jennifer Robinett
Pat Stanley
Orren West
Norma Arnwine
Brian Haggerty
Reed Koenig
Yvonne Kohlmeier
Patricia Lopez
Lydia Nkem
Miracle Ott
Brittany Peshek
John Hatz, Arthur J.
Gallagher & Co.
Laurie Graves, Graves
Consulting

*Attended virtually

Public Comment

There was none.

Information Item

1. Annual Pay and Benefits Recommendation

Chair Williams stated, "This discussion will be conducted in executive session as authorized by C.R.S. § 24-6-402(4)(f)(I) which authorizes executive sessions for determining personnel

matters. The matter to be discussed in this executive session is the 2023 Pay Program Recommendations. Pursuant to Colorado's Open Meetings Law, the executive session will be electronically recorded. As a reminder, no formal action may be taken in executive session. Additionally, the discussion must be confined to this topic."

Director Susman moved and Director LeGare seconded the motion to enter executive session. The motion carried unanimously, and the Committee entered executive session at 11:33 a.m. No Metro Water Recovery staff left the meeting.

Chair Williams reconvened the regular meeting at 1:01 p.m.

Mr. Koenig joined the meeting after the executive session.

Action Items

Chief Executive Officer (CEO) Conway reviewed the following Action Items, and he and Metro Water Recovery staff answered Directors' questions.

1. Consideration of Resolution Recognizing Employees' Years of Service

Director Iler moved and Director Davenport seconded the motion to recommend adopting the Resolution attached to the Memorandum recognizing Metro Water Recovery employees for completing service milestones.

The motion carried unanimously.

2. Consideration of Resolution Recognizing Directors' Years of Service

Director LeGare moved and Director Susman seconded the motion to recommend adopting the Resolution attached to the Memorandum recognizing Metro Water Recovery Directors for completing service milestones.

The motion carried unanimously.

3. Consideration of Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation

Director Twombly moved and Director Sekera seconded the motion to recommend:

1. Authorizing the CEO to enter into a Job Order Contracting Services Agreement with Hensel Phelps not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Northern Treatment Plant Effluent Temperature Project (PAR 1416) (Project).
2. Appropriating \$1,140,000 from the General Fund Capital Project Account for this purpose.

Mr. Nelson answered questions regarding the public relations line item, when during the calendar year effluent temperatures are required to be reduced, and why only one proposal was received.

Chair Williams noted cost escalation could be a factor with a long delay between the bid and the project initiation.

The motion carried unanimously.

Information Items Continued

The Operations Committee reviewed the following Information Items.

2. Semi-annual Status Report for Metro Water Recovery's Small Projects Account

CEO Conway gave an overview of the item.

Mr. Conway answered a question concerning the purpose of the General Fund.

Ms. Ambrosio answered a question about the purpose of the Digital Screens Project (PAR 1414).

General Counsel Jackson answered questions regarding the purpose and the scope of the Study of Per- and Polyfluoroalkyl Substances (PFAS) as Related to Biosolids Land Application Project (PAR 1420)

3. 2024 Budget Preparation Schedule

CEO Conway gave an overview of the item.

4. Innovation Quarterly Report

Mr. Papke gave an overview of the report, highlighting some of the challenges of working with hydrogen sulfide (H₂S) and how Metro Water Recovery is handling those issues.

5. Status of Capital Improvement Projects Report

6. Current Activities/Operational Performance Report

Mr. West answered a question concerning how the equipment lockers are accessed.

7. Financial Reports

8. Upcoming Events

Chair Williams noted there is a METROGRO Farm tour scheduled for Wednesday, September 21, 2022 from 7 a.m. to 2 p.m. and Directors should RSVP on BoardEffect.

CEO Conway reminded Directors of the Fall Board Workshop to be held at the Northern Treatment Plant on Thursday, October 27, 2022 and thanked those who were able to attend the New Director Orientation.

Other Information

Director Davenport suggested pointing new Directors to the General and Technical Definitions in the General Information Manual as a resource.

Chair Williams adjourned the meeting at 1:18 p.m.

MC:rak\lmn

METRO WATER RECOVERY

Finance Committee Meeting Minutes Thursday, September 8, 2022

The meeting of the Finance Committee of Metro Water Recovery was held Thursday, September 8, 2022 at 7:30 a.m., in the Boardroom.

Roll Call

Chair Roth called the roll.

Members Present

Bob Roth, Chair
Janet Kieler, Vice Chair
Curt Aldstadt
Peter Baertlein
Greg Baker
Deborah Crisp
Jo Ann Giddings
Andrew Johnston
Craig Kocian*
Laura Kroeger
Doug Lazure
Charlie Long
Charlie Miller
Sarah Niyork
Del Smith
Peter Spanberger
Ronald Younger

Members Absent

Phil Burgi
Kathy Laurienti

Other Directors Present

Jamie Miller

Others Present

Mickey Conway
Emily Jackson
Liam Cavanaugh
Martin Alvis
Dawn Ambrosio*
Colleen Dempsey
Shawn Fredrickson
Perry Holland
Ruth Kedzior*
Molly Kostelecky
Andy Nelson
Sherman Papke
Jennifer Robinett
Pat Stanley
Orren West
Blair Wisdom
Norma Arnwine
Brian Haggerty
Yvonne Kohlmeier
Patricia Lopez
Lydia Nkem
Miracle Ott
Brittany Peshek
John Hatz, Arthur J.
Gallagher & Co.
Laurie Graves, Graves
Consulting

*Attended virtually

Public Comment

There was none.

Information Item

1. Annual Pay and Benefits Recommendation

Chair Roth stated, "This discussion will be conducted in executive session as authorized by C.R.S. § 24-6-402(4)(f)(I) which authorizes executive sessions for determining personnel

matters. The matter to be discussed in this executive session is the 2023 Pay Program Recommendations. Pursuant to Colorado's Open Meetings Law, the executive session will be electronically recorded. As a reminder, no formal action may be taken in executive session. Additionally, the discussion must be confined to this topic."

Director Aldstadt moved and Director Johnston seconded the motion to enter executive session. The motion carried unanimously, and the Committee entered executive session at 7:34 a.m. No Metro Water Recovery staff left the meeting.

Chair Roth reconvened the regular meeting at 9:06 a.m.

Action Items

Chief Executive Officer (CEO) Conway reviewed the following Action Items, and he and Metro Water Recovery staff answered Directors' questions.

1. Consideration of Resolution Recognizing Employees' Years of Service

Director Kieler moved and Director Baertlein seconded the motion to recommend adopting the Resolution attached to the Memorandum recognizing Metro Water Recovery employees for completing service milestones.

The motion carried unanimously.

2. Consideration of Resolution Recognizing Directors' Years of Service

Director Younger moved and Director Niyork seconded the motion to recommend adopting the Resolution attached to the Memorandum recognizing Metro Water Recovery Directors for completing service milestones.

The motion carried unanimously.

3. Consideration of Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation

Director Kieler moved and Director Baertlein seconded the motion to recommend:

1. Authorizing the CEO to enter into a Job Order Contracting Services Agreement with Hensel Phelps not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Northern Treatment Plant Effluent Temperature Project (PAR 1416) (Project).
2. Appropriating \$1,140,000 from the General Fund Capital Project Account for this purpose.

The motion carried unanimously.

Information Items Continued

The Finance Committee reviewed the following Information Items.

2. Semi-annual Status Report for Metro Water Recovery's Small Projects Account

CEO Conway gave an overview of the item.

3. 2024 Budget Preparation Schedule

4. Innovation Quarterly Report

Ms. Wisdom gave an overview of the report, highlighting some of the methods Metro Water Recovery is using to address the challenges of working with hydrogen sulfide (H₂S).

5. Status of Capital Improvement Projects Report

6. Current Activities/Operational Performance Report

7. Financial Reports

8. Upcoming Events

CEO Conway reminded Directors of the Fall Board Workshop to be held at the Northern Treatment Plant on Thursday, October 27, 2022 and the recently scheduled METROGRO Farm tour to be held Wednesday, September 21, 2022 from 7 a.m. to 2 p.m. and asked Directors to RSVP on BoardEffect.

Other Information

Director Kieler appreciated the work done on the Metro Water Recovery website.

Chair Roth adjourned the meeting at 9:13 a.m.

MC:raklmm

METRO WATER RECOVERY

Executive Committee Meeting Minutes

Tuesday, September 13, 2022

The meeting of the Executive Committee of Metro Water Recovery was held Tuesday, September 13, 2022 at 11:30 a.m., in the Boardroom.

Roll Call

Chair Johnston called the roll.

Members Present

Andrew Johnston, Chair
Sarah Niyork, Chair Pro Tem
Jo Ann Giddings, Secretary
Del Smith, Treasurer*
Bob LeGare
Bob Roth
Scott Twombly
Jennifer Williams

Members Absent

Charles Long

Other Directors Present

Peter Baertlein, Advisory

Others Present

Mickey Conway
Emily Jackson
Liam Cavanagh
Molly Kostelecky
Jennifer Robinett
Ruth Kedzior*
Sherman Papke
Yvonne Kohlmeier
Lydia Nkem*
Brittany Peshek

*Attended virtually

Public Comment

There was none.

Information Item Presented/Discussed at Standing Committees

1. Annual Pay and Benefits Recommendation

Chief Executive Officer (CEO) Conway stated the Operations and Finance Committees had similar discussions and both committees agreed with the recommendations.

Action Items

1. Consideration of Resolution Recognizing Employees' Years of Service

Director Baertlein moved and Director Giddings seconded the motion to recommend adopting the Resolution attached to the Memorandum recognizing Metro Water Recovery employees for completing service milestones.

The motion carried unanimously.

2. Consideration of Resolution Recognizing Directors' Years of Service

Director Baertlein moved and Director Giddings seconded the motion to recommend adopting the Resolution attached to the Memorandum recognizing Metro Water Recovery Directors for completing service milestones.

The motion carried unanimously.

3. **Consideration of Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation**

Director Baertlein moved and Director Giddings seconded the motion to recommend:

1. Authorizing the CEO to enter into a Job Order Contracting Services Agreement with Hensel Phelps not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Northern Treatment Plant Effluent Temperature Project (PAR 1416) (Project).
2. Appropriating \$1,140,000 from the General Fund Capital Project Account for this purpose.

The motion carried unanimously.

Information Items Presented/Discussed at Standing Committees Continued

The Executive Committee reviewed the following Information Items.

2. Semi-annual Status Report for Metro Water Recovery's Small Projects Account
3. 2024 Budget Preparation Schedule
4. Innovation Quarterly Report
5. Status of Capital Improvement Projects Report
6. Current Activities/Operational Performance Report
7. Financial Reports
8. Upcoming Events

CEO Conway mentioned the upcoming METROGRO Farm tour scheduled for September 21, 2022.

Information Items

1. Warrant Authority Bill

General Counsel Jackson provided an update on potential legislation for the upcoming 2023 legislative session relating to Metro Water Recovery's pretreatment program.

2. Robert W. Hite Treatment Facility Conduit Study (PAR 1412) Update

Mr. Cavanaugh and Mr. Papke provided updates on the North Primary Conduits construction activities which are scheduled from October 1, 2022 to March 1, 2023.

3. PFAS Sampling Methodology

Ms. Jackson and Ms. Robinett informed the committee a draft permit modification was noticed for public comment in August 2022 stating the draft modification would change the sampling methodology for Metro Water Recovery's per- and polyfluoroalkyl substances (PFAS)

monitoring and would add 15 additional PFAS constituents. Metro submitted comments during the public comment period.

4. MWH Constructors Update

Chair Johnston stated, "This discussion will be conducted in executive session as authorized by C.R.S. § 24-6-402(4)(e) which authorizes executive sessions determining positions relative to matters that may be subject to negotiation, developing strategy for negotiations and instructing negotiators. The matter to be discussed in this executive session is the MWH Constructors Update. As a reminder, no formal action may be taken in executive session. Additionally, the discussion must be confined to this topic."

Director Baertlein moved and Director Roth seconded the motion to enter executive session. The motion carried unanimously, and the Committee entered executive session at 12:36 p.m. No Metro Water Recovery staff left the meeting.

Chair Johnston reconvened the regular meeting at 1 p.m.

Other Information

Chair Johnston noted the METROGRO Farm tour is next Wednesday, September 21, 2022 and recommended attending the tour if possible as they are not frequently offered. Transportation to the Farm will be provided with vans departing the Administration Building parking lot at 7 a.m.

Chair Johnston adjourned the meeting at 1:01 p.m.

MC:raklyjk

METRO WATER RECOVERY

METROGRO Farm Tour

Wednesday, September 21, 2022

Leave from Administration Building 7 a.m.

Return around 2 p.m.

Lunch will be provided

On this tour you will have a chance to learn from experts on-site about our custom farming activities, land application process, and biosolids program



[RSVP on BoardEffect here](#)



METRO WATER RECOVERY

Fall Workshop

Thursday, October 27, 2022 8 a.m.

Northern Treatment Plant

Breakfast available at 7 a.m., Presentations
until approximately 2:30 p.m.

Thank you for your RSVP!

Please RSVP by Wednesday,
October 19, 2022 on
BoardEffect:
[RSVP Here](#)

METRO WATER RECOVERY

Operations Committee Meeting

Agenda

Tuesday, September 6, 2022

11:30 a.m.

Boardroom

Administration Building

Roll Call

Public Comment

Information Item

1. Annual Pay and Benefits Recommendation (*This discussion will be held in executive session.*) (O/F/E)

Action Items

Tab No.

1. **Consideration of Resolution Recognizing Employees' Years of Service** 1
(O/F/E/Bd)

Chief Executive Officer's Proposal:

Adopt the Resolution attached to the Memorandum recognizing Metro Water Recovery employees for completing service milestones.

2. **Consideration of Resolution Recognizing Directors' Years of Service** 2
(O/F/E/Bd)

Chief Executive Officer's Proposal:

Adopt the Resolution attached to the Memorandum recognizing Metro Water Recovery Directors for completing service milestones.

3. **Consideration of Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation** 3
(O/F/E/Bd)

Chief Executive Officer's Proposal:

1. Authorize the Chief Executive Officer to enter into a Job Order Contracting Services Agreement with Hensel Phelps not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Northern Treatment Plant Effluent Temperature Project (PAR 1416) (Project).

2. Appropriate \$1,140,000 from the General Fund Capital Project Account for this purpose.

Tab No.

Information Items Continued

- | | | |
|----|---|---|
| 2. | Semi-annual Status Report for Metro Water Recovery's Small Projects Account (O/F/E) | 4 |
| 3. | 2024 Budget Preparation Schedule (O/F/E) | 5 |
| 4. | Innovation Quarterly Report (O/F/E) | 6 |
| 5. | Status of Capital Improvement Projects Report (O/F/E) | 7 |
| 6. | Current Activities/Operational Performance Report (O/F/E) | 8 |
| 7. | Financial Reports (O/F/E) | 9 |
| 8. | Upcoming Events (O/F/E) (<i>Separate Attachment</i>) | |

MC:rak/lmn

METRO WATER RECOVERY

MEMORANDUM

TO: Board of Directors

DATE: August 4, 2022

FROM: Mickey Conway, Chief Executive Officer

RE: 2022 Employee Service Recognition

RECOMMENDATION

I recommend the Board of Directors adopt the attached Resolution recognizing Metro Water Recovery employees for completing service milestones.

SUMMARY

The attached Resolution lists employees who will complete service milestones with Metro Water Recovery by the end of this year. I believe it is important to recognize employees for their service.

BACKGROUND

Since 1982, Metro Water Recovery has recognized employees yearly for years of service in five-year increments.

JUSTIFICATION FOR BOARD ACTION

Board action is needed to adopt the Resolution. Once the Resolution has been adopted, awards and certificates of the appropriate milestones will be distributed to the employees being recognized.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
September 20, 2022**

WHEREAS, by the year ending December 31, 2022, certain employees of Metro Water Recovery will have completed five, ten, fifteen, twenty, twenty-five, and thirty-five years of faithful service on behalf of Metro Water Recovery and the people of the Denver metropolitan area; and

WHEREAS, it is right and proper such loyal service be recognized by the Board of Directors on behalf of the people served by Metro Water Recovery;

NOW, THEREFORE, BE IT RESOLVED the Board of Directors of Metro Water Recovery by this resolution hereby recognizes the loyal and faithful service rendered by:

	<u>35 YEARS OF SERVICE</u>	
<i>James E Hudak</i>	<i>Ronald K Motooka</i>	<i>Rob R White</i>
	<u>25 YEARS OF SERVICE</u>	
<i>Earl L Green</i>		<i>Sean Rutt</i>
	<u>20 YEARS OF SERVICE</u>	
<i>Douglas J Connolly</i>	<i>Troy G Gottschalk</i>	<i>Rodney W Kemper</i>
<i>Steve E Lundt</i>	<i>Lisa M O'Brien</i>	<i>Michael P O'Mara</i>
<i>Kisha L Ortiz</i>	<i>Suzanne E Renter</i>	<i>Georgina Valadez</i>
	<u>15 YEARS OF SERVICE</u>	
<i>Kenneth R Betts</i>	<i>Amy L Burk</i>	<i>Kelly D Cisneros</i>
<i>Joshua D Mallorey</i>	<i>Dan J Pointon</i>	<i>Judy A White</i>
	<u>10 YEARS OF SERVICE</u>	
<i>Scott A Ast</i>	<i>Kevin W Cline</i>	<i>Adam R Dyche</i>
<i>Christopher W Ernst</i>	<i>James C Halliwell</i>	<i>James P Jackson</i>
<i>Denise C Manguso</i>	<i>Matthew W Mullins</i>	<i>Ian E Myers</i>
<i>Scott W Reed</i>	<i>Obed Rodriguez-Sarmiento</i>	<i>Elisabeth A Werth</i>
<i>Orren E West</i>		<i>Jason J Zimbelman</i>
	<u>5 YEARS OF SERVICE</u>	
<i>Hassan E AlSai</i>	<i>Dawn M Ambrosio</i>	<i>Todd A Bezerra</i>
<i>Rachel J Bowden</i>	<i>Colleen M Dempsey</i>	<i>Donald L Ekstein</i>
<i>Caleb A Frandsen</i>	<i>Brian L Haggerty</i>	<i>Joseph A Helbok</i>
<i>Salina M Jenkins</i>	<i>Tyson L Johnecheck</i>	<i>Jason Lee</i>
<i>Nathan E Reichner</i>	<i>Jennifer T Robinett</i>	<i>William O Whitley</i>

BE IT FURTHER RESOLVED awards and certificates of five, ten, fifteen, twenty, twenty-five, and thirty-five years of service be tendered to the above-named employees to express the appreciation of this Board of Directors and the people whom it represents.

METRO WATER RECOVERY

MEMORANDUM

TO: Board of Directors

DATE: August 4, 2022

FROM: Mickey Conway, Chief Executive Officer

RE: 2022 Director Service Recognition

RECOMMENDATION

I recommend the Board of Directors adopt the attached Resolution recognizing Metro Water Recovery Directors for completing service milestones.

SUMMARY

The attached Resolution lists Directors who will complete service milestones with Metro Water Recovery by the end of this year. I believe it is important to recognize Directors for their service.

BACKGROUND

Since 2010, Metro Water Recovery has recognized Directors every year for years of service in five-year increments.

JUSTIFICATION FOR BOARD ACTION

Board action is needed to adopt the Resolution. Once the Resolution has been adopted, certificates of the appropriate milestones will be distributed to the Directors being recognized.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
September 20, 2022**

WHEREAS, by the year ending December 31, 2022, certain members of the Board of Directors of Metro Water Recovery will have completed five and ten years of faithful service on behalf of Metro Water Recovery; and

WHEREAS, it is right and proper such loyal service be recognized by the Board of Directors on behalf of the people served by Metro Water Recovery;

NOW, THEREFORE, BE IT RESOLVED the Board of Directors of Metro Water Recovery by this Resolution recognizes the loyal and faithful service rendered by:

TEN YEARS OF SERVICE

David Councilman, Pleasant View Water and Sanitation District

Scott Twombly, City of Thornton

FIVE YEARS OF SERVICE

Bill Ray, City of Arvada

Peter Spanberger, City and County of Denver

BE IT FURTHER RESOLVED certificates of five and ten years of service be tendered to the above-named Directors to express the appreciation of Metro Water Recovery Board of Directors and the people to whom it represents.

METRO WATER RECOVERY

MEMORANDUM

TO: Mickey Conway, Chief Executive Officer **DATE:** August 12, 2022

FROM: Sherman Papke, Chief Technical Officer
Andrew Nelson, Director of Engineering
Matthew Duncan, Senior Treatment Plant Engineering Manager
Jenny Trujillo, Senior Engineer (Metro Project Manager)

RE: Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416)
Job Order Contracting Services Agreement and Appropriation

RECOMMENDATION

We recommend the Board of Directors:

1. Authorize the Chief Executive Officer (CEO) to enter into a Job Order Contracting (JOC) Services Agreement with Hensel Phelps (Hensel) not-to-exceed \$800,000 to provide preconstruction and construction services through issuance of individual Task Orders for the Northern Treatment Plant (NTP) Effluent Temperature Project (PAR 1416) (Project).
2. Appropriate \$1,140,000 from the General Fund Capital Project Account for this purpose.

SUMMARY

Metro Water Recovery staff and Stantec Consulting Services Inc. (Stantec) in collaboration with Hensel will complete the design and construction of the Post-Secondary Demonstration system and Post-Tertiary Demonstration system, as necessary. Hensel, per Task Orders issued under a [JOC](#) Services Agreement, will work collaboratively with Metro and Stantec to optimize and better define schedules, project cost estimates at various design milestones, construction sequencing and impacts, design details, equipment, and other advantages which result from use of the [Construction Manager-At-Risk \(CMAR\) process](#). Metro Water Recovery intends to issue various Task Orders to accomplish the necessary preconstruction and construction phase services under a single JOC Services Agreement.

BACKGROUND

Background information regarding the Project can be found in the Board memo dated [May 24, 2022](#).

Following standard Metro Water Recovery consultant selection procedures, Stantec was selected as the consultant to perform professional engineering services for this Project. The Board approved the selection of Stantec and authorized Metro staff to enter into a Professional Services Agreement with Stantec at the June 21, 2022 Board meeting.

The CMAR delivery method, under a JOC Services Agreement, was identified as providing the best value for this Project. The CMAR delivery method will allow for best value selection of contractors, technologies, and materials as well as the ability to negotiate a stipulated price for each construction task. CMAR delivery allows for early procurement of long-lead equipment and should expedite startup of any new facilities. Use of a JOC Services Agreement best suits this specific Project which requires various phases of demonstration testing. Issuance of Task Orders with focused scope and predetermined contractor labor rates will provide cost control, allows the Post-Secondary Demonstration system to be quickly implemented prior to the 2022-2023 winter season, and allows for a nimble and prompt means of addressing issues which may arise during each four-month test period to keep testing on track.

The CMAR relationship for this Project will be contracted in a single JOC Services Agreement. Task Orders will be issued for **Work Package 1 (WP1)** to provide the Post-Secondary Demonstration. **Work Package 2 (WP2)** will provide the Post-Tertiary Demonstration and will be delivered under separate Task Orders.

On June 30, 2022, Metro Water Recovery issued a Request for Proposals (RFP) for CMAR services for the Project. Metro received one proposal from Hensel on July 28, 2022. Hensel was invited to participate in an interview on August 17, 2022.

JUSTIFICATION FOR BOARD ACTION

Metro Water Recovery's [Purchasing and Contracting Policies](#) require the contractor selection be made by a committee of Metro staff and Directors when the estimated costs for contractor services are greater than \$1.5 million. The Selection Committee included Directors Joan Iler and Bill Ray and Metro staff members Mark Gipe, Link Mueller, and Jenny Trujillo. The Selection Committee determined Hensel is capable of performing the work. On behalf of the Board, Directors Iler and Ray directed Metro staff to negotiate an agreement with Hensel.

CONTRACT INFORMATION

JOC Services

Metro Water Recovery staff has negotiated a JOC Services Agreement with Hensel for a not-to-exceed upper limit amount of **\$800,000** for the Post-Secondary Demonstration **(WP1)** scope. Task Orders will be executed for WP1 to refine the conceptual design of the Post-Secondary Demonstration system, construct the rental system prior to the 2022-2023 winter season, construct test systems for various cooling tower fill media, address any necessary modifications to the test systems identified during testing, and execute removal and storage of equipment and materials for subsequent phases of the Project. A future amendment to the JOC Services Agreement and appropriation will be required for WP2 and any other potential Work Packages.

Stantec Services

Metro Water Recovery staff has negotiated additional services to be provided by Stantec for \$95,000. This includes construction phase services for **WP1** and additional permitting and testing requirements not captured in the original Professional Services Agreement. This additional scope and cost will be amended into the agreement. Additional work associated with **WP2** and any other potential Work Packages will require subsequent appropriations and amendments.

Public Relation Services

Metro Water Recovery has benefited from the use of a firm providing public outreach services under various projects. Most recently, GBSM, Inc. (GBSM) is contracted under the Second Creek Interceptor and Sand Creek Interceptor (PAR 1232) and Electrical Transmission-Level Service Substation (PAR 1265) projects to support external communications, coordinate public hearings, and perform other tasks related to projects with significant public visibility. In the interest of maintaining uniformity in public outreach efforts and because of GBSM's familiarity with Metro's public relations strategy, the services of GBSM will be contracted. Pursuant to Metro's Purchasing and Contracting Policies, professional services may be acquired on a sole-source basis when it can be demonstrated to be in the best interest of Metro for compelling reasons and when the cost of the services is within the spending authority of the person approving the sole-source selection. Sole-source approval of GBSM is based on a not-to-exceed fee of \$50,000 for these services based on a similar scope of services provided under PAR 1265.

FINANCIAL IMPACTS

Metro Water Recovery staff has negotiated an agreement with Hensel for a not-to-exceed upper limit amount of \$800,000 for services associated with WP1 for the NTP Effluent Temperature Project. The total requested appropriation is as follows:

Hensel WP1 Preconstruction Services	\$50,000
Hensel Estimate for WP1 Construction Services	\$750,000
GBSM Public Relation Services (not to exceed amount)	\$50,000
Stantec Amendment for Professional Services	\$95,000
Administrative (~2 percent)	\$20,000
Contingency (~20 percent)	\$175,000
	<hr/>

Total Appropriation Requested **\$1,140,000**

Pursuant to the Metro Water Recovery's capital financing policy, \$1,140,000 (100 percent) will come from the General Fund Capital Project Account. The [Ten-Year Capital Expenditure Schedule](#) used to prepare the cash flow schedule for the 2023 Adopted Budget recommended \$21.97 million for this Project. A detailed accounting of project cost can be found [here](#).

METRO WATER RECOVERY

MEMORANDUM

TO: Mickey Conway, Chief Executive Officer **DATE:** August 11, 2022

FROM: Perry Holland, Director of Comprehensive Planning
Jessica Maloney, Senior Wastewater Infrastructure Planner

RE: SEMI-ANNUAL STATUS REPORT – JANUARY THROUGH JUNE 2022
General Fund Small Projects, Studies, and Expenditures Account
Fixed Asset Replacement Fund Small Projects, Studies, and Expenditures Account

BACKGROUND

The Board of Directors established the Small Projects Accounts by delegating authority to the Chief Executive Officer (CEO) to approve small projects subject to the CEO's spending authority rather than requiring individual appropriations by the Board for each activity. This process increases efficiency and allows Metro Water Recovery staff to better manage small capital projects. Metro staff requests an appropriation for small projects each year as part of the annual budget process.

Under the authority delegated by the Board, the CEO has the discretion, subject to the CEO's spending authority, to:

- Approve expenditures from the General (GEN) Fund Small Projects, Studies, and Expenditures Account for (1) environmental projects, studies, or activities; (2) improvement and growth-related projects, studies, or expenditures; or (3) relatively minor initial services to determine the scope of potential improvement and growth-related and regulatory projects expected to exceed the CEO's spending authority.
- Approve expenditures from the Fixed Asset Replacement (FAR) Fund Small Projects, Studies, and Expenditures Account for (1) replacement/rehabilitation projects, studies, and expenditures; or (2) relatively minor initial services needed to determine the scope of potential replacement/rehabilitation projects expected to exceed the CEO's spending authority.

The following table describes these two accounts.

Account	Purpose
GEN Fund Small Projects, Studies, and Expenditures	Environmental assessment efforts – ensure regulatory requirements are met in a logical/cost-effective manner Improvement and growth-related (to a new condition) – adding capacity, improving technology, expanding, and upgrading
FAR Fund Small Projects, Studies, and Expenditures	Replacement and rehabilitation (to previous/existing condition) – restoring and repairing

PROJECT ACTIVITIES – STATUS REPORT

The attached overview summarizes ongoing and new projects as well as projects completed under each of the two accounts from January to June 2022:

- Attachment A: GEN Fund Small Projects, Studies, and Expenditures Account; FAR Fund Small Projects, Studies, and Expenditures Account; and GEN Fund and FAR Fund Combined Small Projects, Studies, and Expenditures Accounts

The attachment also indicates an estimate of the work completed for each ongoing small project and lists projects for which the work is completed but the closeout paperwork has not been completed or the final payments have not been made. Remaining funds for all closed projects have been rescinded.

FINANCIAL IMPACTS

The following table gives a summary of how the Small Projects have impacted the overall budget from January to June 2022:

Total Initiated from GEN Fund	\$1,060,000
Total Initiated from FAR Fund	\$500,000
Total Amount Rescinded	(\$975,229)
Total Spent on Small Projects from January to June 2022	\$584,771
Total Appropriated Amount for 2022	\$750,000
Total Small Project Balance	\$4,618,139

A list of current and future projects can also be found on the [Ten-Year Capital Expenditure Schedule](#).

Attachment

ATTACHMENT A
January 1 through June 30, 2022

**GENERAL FUND, FIXED ASSET REPLACEMENT FUND, AND COMBINED PROJECTS
SMALL PROJECTS, STUDIES, AND EXPENDITURES ACCOUNTS**

ONGOING PROJECTS

These projects have received funding from either the General Fund (GEN), Fixed Asset Replacement Fund (FAR), or both if they fall into both categories. Dollar amounts have been assigned according to the amount of work expected in each category.

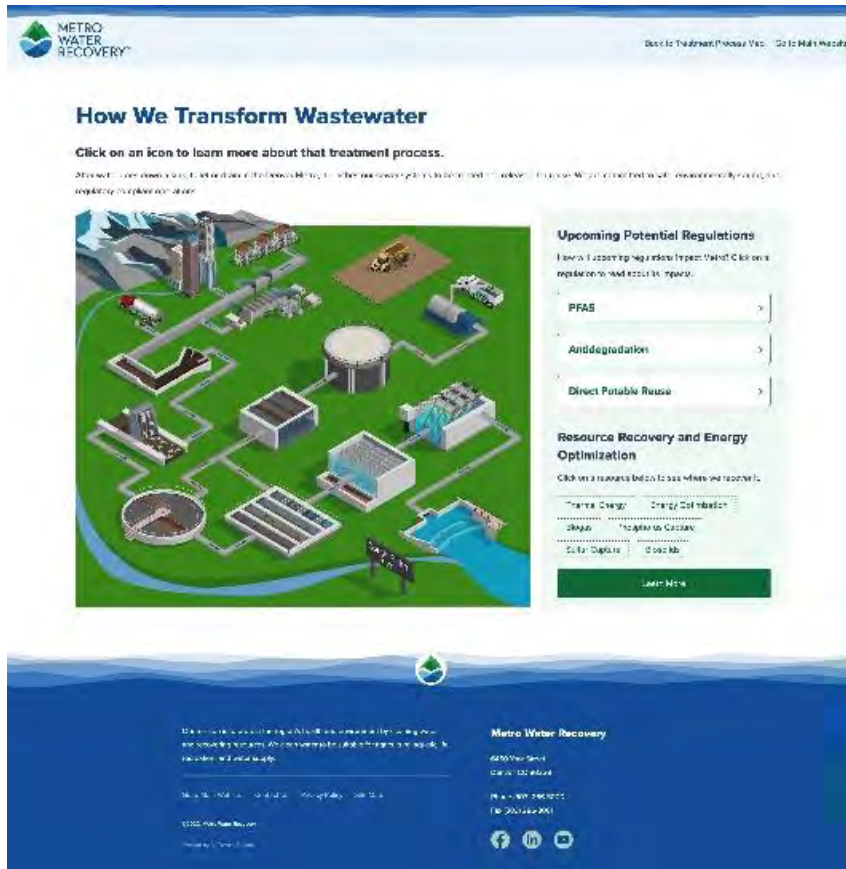
Asset Management:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1405 – Asset Management Program Implementation E. Stec-Uddin	Change management and communication plans have been developed and task orders with consultants are in place.	FAR Authorized: \$250,000 Expended: \$ 19,493	10 Percent
PAR 1413 – Robert W. Hite Treatment Facility (RWHTF) Conduit Study M. Said	Engineering advertised a Request For Proposals (RFP) and staff selected HDR, Inc. (HDR) as the consultant for the study phase. HDR will begin study phase services within the next month.	FAR Authorized: \$250,000 Expended: \$ 0	5 Percent

Continuous Improvement:

Featured Projects:

PAR 1388 – Education and Outreach Asset Update K. Merritt



Staff created this project to support Metro Water Recovery’s education and outreach goals (assets are in various stages of development). The [Transforming Wastewater interactive web page](#) is complete and walks viewers through the main steps of the treatment process. This foundational tool complements multiple education efforts, including Metro’s virtual classroom experience.

In addition, one-pagers for Metro Water Recovery’s three education campaigns ([Wipes Clog Pipes!](#), [Fats, Oils & Grease](#), and [Don’t Flush It!](#)) are complete with updated content and a new design. The three fact sheets have also been redesigned, and content updates are in the final review process. Updates to the children’s script are complete, video production is scheduled to begin, and the first story in a series of video updates (Metro Minutes) has been produced and is available in the Currents section of the website.

Transforming Wastewater Website

GEN Authorized: \$100,000

Expended: \$37,228

Work Completed: 30%

PAR 1417 – Strategic Plan Update (2022)
 (PM M. Kiflai)

The Strategic Plan update project was initiated on March 16, 2022. Shortly after, a Strategic Planning Committee was formed. Staff worked with the Committee to develop the scope and RFP the project. Four bids were received, and three vendors were invited for oral presentations. The Committee has selected Raftelis Financial Consultants, Inc. (Raftelis) as the vendor to support and facilitate the update of the Strategic Plan.



for

2016 Strategic Plan

GEN Authorized: \$250,000	Expended: \$0	Work Completed: 5%
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Other Projects:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1360 – Intellectual Property Program E. Jackson	Work continues with outside counsel to evaluate potentially patentable ideas and pursue patent protection for efforts associated with simultaneous nitrogen and phosphorus removal from anaerobically digested sludge in the Post-Aerobic Digester process at the Northern Treatment Plant (NTP)	GEN Authorized: \$100,000 Expended: \$ 33,202	35 Percent
PAR 1367 – Digital Presence J. Hennes	The website redesign is complete and social media engagement is increasing through Facebook and LinkedIn. Staff has also finalized all necessary policies to guide work on the website and social media accounts and is currently using the remaining funds to develop/revise additional web pages and promote social media campaigns.	FAR Authorized: \$100,000 Expended: \$ 79,007	95 Percent

<p>PAR 1372 – Pretreatment Database Pretreatment Information Management System (PIMs) Replacement and Cross-Media Electronic Reporting Rule Portal S. Fredrickson</p>	<p>In coordination with the Procurement Division, an external project manager (Link Technologies) has been hired. Staff has chosen a new PIMS package and will be moving out of the discovery phase and into the design phase to work out the logistics of a data migration and prepare the service for initial testing.</p>	<p>FAR Authorized: \$250,000 Expended: \$ 24,920</p>	<p>10 Percent</p>
<p>PAR 1377 – Office 365 Evolution S. Fredrickson</p>	<p>Staff will implement some SharePoint (Power Platform based) applications into the SharePoint/Teams cloud environment. The full MetroNet migration and redesign will be managed under the 2022 Grouped IT Customer Experience Project.</p>	<p>FAR Authorized: \$100,000 Expended: \$ 55,450</p>	<p>60 Percent</p>
<p>PAR 1384 – Vital Records Update 2020 D. Dickson</p>	<p>Staff has updated the retention schedule, prepared a new signature page for the retention schedule, and is in the process of summarizing the findings of the report. Once the Executive Leadership Team approves the summarization memo and signature page, this PAR can be closed.</p>	<p>FAR Authorized: \$50,000 Expended: \$27,600</p>	<p>95 Percent</p>
<p>PAR 1386 – Legal Assistance Fund 1 B. Peshek</p>	<p>The project team has been able to address chemical approvals, contracting with Stantec Inc. for support this year, and other ongoing regulatory items.</p>	<p>GEN Authorized: \$250,000 Expended: \$ 48,343</p>	<p>19 Percent</p>
<p>PAR 1387 – Legal Assistance Fund 2 B. Peshek</p>	<p>The project team has been able to address heat recovery innovations.</p>	<p>GEN Authorized: \$250,000 Expended: \$ 51,104</p>	<p>20 Percent</p>
<p>PAR 1389 – Records Management System Upgrade 2020 E. Sturgeon</p>	<p>A test server was created to download the upgraded software by the Service Desk. Information Technology Management and Records Management staff have met with the third-party integrator to discuss the possibility of upgrading to the cloud version of the software. Staff is waiting for the third-party integrator to send pricing for the cloud version licensing.</p>	<p>FAR Authorized: \$50,000 Expended: \$ 3,075</p>	<p>30 Percent</p>
<p>PAR 1403 – Continuous Improvement Framework M. Kiflai</p>	<p>Metro has retained the services of Raftelis to assist with developing an Enterprise Continuous Improvement Framework and the consulting team has been conducting a series of focus groups across the organization to discuss perspectives on continuous improvement, hear views on the strengths and challenges of past improvement initiatives, and consider opportunities to ensure a culture of continuous improvement.</p>	<p>GEN Authorized: \$250,000 Expended: \$ 74,150</p>	<p>30 Percent</p>

<p>PAR 1414 – Digital Screens R. Nuber</p>	<p>Strategy and Communication’s (StratComm) Communication Roadshow introduced digital signage across the organization. Staff is presenting to every department and getting feedback on the channel. In addition, StratComm has been working with the Procurement Division on the RFP Process. The RFP was posted to <i>BidNet</i> on August 5, 2022 with completion of the RFP process falling on September 7, 2022. From there StratComm will work with the project team to begin drafting an implementation and management plan to be completed December 31, 2022.</p>	<p>GEN Authorized: \$50,000 Expended: \$ 0</p>	<p>20 Percent</p>
<p>PAR 1415 – EAM Business Process Study and Mobile M. Montez</p>	<p>The Enterprise Asset Management (EAM) Business Process study began in late June 2022 and is scheduled to wrap up in early October 2022. The consultant from Link Technologies has conducted multiple rounds of subject matter expert interviews to better understand Metro Water Recovery’s processes and overall direction with managing and maintaining assets. A recommendation will be made in October for both the EAM platform generally along with a recommendation for a mobile solution for users in the field.</p>	<p>FAR Authorized: \$250,000 Expended: \$ 29,260</p>	<p>40 Percent</p>

Transitioned to a Large Project:

<p>Project Title and Project Manager</p>	<p>Update</p>	<p>Amount Authorized/Expended</p>	<p>Work Completed Percentage</p>
<p>PAR 1364 – District Wireless Infrastructure L. Chamberlain</p>	<p>The design and cost estimate for Phase 2 has been completed and requires this project to become a large project to complete installation of the new hardware at the office buildings and process facilities for both the NTP and RWHTF. The estimated timeline to complete installation of equipment at office buildings and NTP process facilities under Phase 2 is the first quarter of 2023. Estimated completion date of Phase 3 work for RWHTF process facilities is the fourth quarter of 2023.</p>	<p>FAR Authorized: \$1,062,000 Expended: \$ 148,736</p>	<p>45 Percent</p>

Energy:

Featured Project:

PAR 1397 – Electric Fleet Vehicle Charging Infrastructure (PM C. Geier)

The project team has determined the best design options and construction options for charging stations for existing fleet electric vehicles assigned to the Environmental Services Department. The design of the project has been completed and the construction work will be done using existing job-order contracts with an electrical contractor. The four charging stations have been purchased and delivered. Two will be located near the Technical Services Building, one at the Resource Recovery and Reuse Biosolids and Fleet Services Building, and one at the METROGRO Farm (Farm). The contractor will begin the installation of the charging stations at the end of July.

While the charging stations are available to be installed, there are ancillary components which must also be procured by the contractor. Due to the long lead times and supply chain issues, **there is uncertainty about when these components will be delivered.** Once the remaining components are on site and installed, the manufacturer will commission the charging stations and they will be available for use.

This is the type of charger which will be seen around the RWHTF.



GEN Authorized: \$250,000	Expended: \$22,462	Work Completed: 25%
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Other Projects:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1375 – Transformer and ARMS Standardization C. Geier	The consultant has developed design guides for both transformer protection and Arcflash Reduction Maintenance System control scheme for future projects; made modifications to existing equipment; submitted the 90 percent design drawing package; and is incorporating staff comments to be included in the Issued For Construction drawings. The cost estimate for construction at RHWTF and NTP is \$3.2 million at 30 percent completion. Much of the work associated with the RWHTF can be incorporated into the Electrical Transmission Service Substation	GEN Authorized: \$125,000 FAR Authorized: \$125,000 Total Authorized: \$250,000 GEN Expended: \$124,728 FAR Expended: \$124,728 Total Expended: \$249,457	95 Percent

	Project (PAR 1265) at minimal cost since three of the four medium voltage switchgear facilities are being modified.		
PAR 1398 – Effluent Temperature Compliance Study AD Norford	Staff received the final draft report in May 2022 and is waiting on last internal reviewer to finalize the report and close the project.	GEN Authorized: \$250,000 Expended: \$239,021	95 Percent
PAR 1401 – Alternative Energy Evaluation J. Trujillo	The Project Team is looking into an RFP to engage a solar photovoltaic (PV) developer and/or consulting engineer to evaluate/study the feasibility of solar PV at various Metro Water Recovery facilities and ultimately design, construct, operate, and maintain solar PV installations.	GEN Authorized: \$75,000 Expended: \$ 200	5 Percent

Transitioned to a Large Project:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1395 – Cogeneration Equipment Replacement A. Norford	An RFP for design phase consulting services was issued and a consultant was selected. The agreement with the consultant and appropriation were authorized by the Board of Directors on January 18, 2022.	GEN Authorized: \$2,720,976 Expended: \$ 452,770	100 Percent

Liquids:

Featured Project:

PAR 1385 – NTP Post Startup Evaluation (PM T. Worley-Morse)

Staff is evaluating the current post-startup state of the NTP to identify near- and long-term needs. The initial categorization, ranking, and prioritization of projects has been completed, which led to the identification and scoping of the following short-term improvements: demolition of the liquid oxygen system; gravity thickening pump station improvements; concrete improvements; and safety improvements at the primary pump station, tertiary pump station, tertiary floc/sed basins, digesters, and cogeneration. The demolition of the liquid oxygen system was completed with Velocity Constructors, Inc. (Velocity). Construction for the safety task order with Velocity is ongoing and will be completed by winter of 2022. This study also involved a feasibility study for recommending a path-forward for achieving temperature compliance by the end of the compliance schedule. Remaining work includes an update to the plant process model, identification of efforts to improve performance of the activated sludge and sidestream treatment processes, and the final cost estimates and scoping for the NTP Supplemental Improvements Project.



Safety improvements to the 630 Tertiary Flocculation/Sediment Basins, including new personal and equipment davits, access gates, and ladder stops.



Safety improvements to the 910 Cogeneration facility which improves gas conditioning reliability and eliminates potential methane releases.

GEN Authorized: \$250,000	Expended: \$64,633	Work Completed: 65%
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Other Projects:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1336 – North Secondary Pilot Program B. Wisdom	Innovative process concepts and new technologies and equipment are being investigated and tested for the ability to improve performance, increase energy efficiency, and increase the ease of operation and maintenance while simultaneously delivering overall secondary capacity needs at the RWHTF. Hydrocyclones were selected for a technological evaluation to increase the treatment capacity of the NSEC, allowing for the retention of current rated capacity at future permit limits. While the initial pilot experiment and study are near completion, the pilot will continue to be operated for the next few months to support design of the North Secondary Improvements Project.	FAR Authorized: \$250,000 Expended: \$194,899	90 Percent
PAR 1373 – Innovation and Research Initiatives B. Wisdom	This venture includes support of the city of Aurora’s Box Elder Feasibility Study, support to the River Mile developers on the River Mile Sewer Heat Recovery Feasibility Study, as well as participation and support of Water Research Projects such as source identification and control and fate and transport of per- and polyfluoroalkyl substances (PFAS) occurrence in U.S. wastewater treatment plants.	GEN Authorized: \$175,000 Expended: \$ 39,500	5 Percent
PAR 1381 – NTP Effluent Pond Herbicide Treatment for ANS S. Lundt	Staff’s goal is to eradicate and prevent further spread downstream of three non-native, aquatic nuisance species (ANS) in the three NTP ponds. 2022 was the third year of treatment for all three NTP ponds. Only four gallons of fluridone will be used in this final year of treatment in the month of July. Plant surveys in 2022 so far show no ANS plant growth.	GEN Authorized: \$75,000 Expended: \$73,111	85 Percent
PAR 1390 – Aeration Control Strategy Review and Implementation D. Freedman	A pilot aeration control system is being installed at NTP to gain insights while providing immediate benefit to the plant. Using knowledge gained during the state of the industry review and the pilot, the preferred control strategy will be identified with a recommended implementation plan for the facilities.	GEN Authorized: \$250,000 Expended: \$ 0	20 Percent
PAR 1410 – 2021 Process Optimization D. Freedman	The evaluation of an online microbial measurement instrument for continuous monitoring of pre-disinfection Escherichia coli (E. coli) is ongoing and anticipated to be complete by the fourth quarter of 2022. The project is currently in the procurement phase for a zeta-potential	GEN Authorized: \$250,000 Expended: \$ 23,122	20 Percent

	device for measuring electrokinetic potential as a means to optimize sludge granulation and dewatering polymer dose. An additional device used for direct control of polymer is being considered. Conversations with the manufacturer are ongoing.		
PAR 1411 – North Secondary Upgrades and Intensification A. Norford	Hazen and Sawyer supported this work (managed by Technology and Innovation Senior Wastewater Process Engineering Manager Dan Freedman) and completed it in June 2022. The project has been approved to transition to the Pre-Design Phase and from a small to large project. Consultant RFP is currently advertised, and the project team is scheduling September presentation and interviews. Additional internal investigations are ongoing to further support design efforts; this includes evaluating influent channel mixing improvements and SSEC diffuser condition assessment.	FAR Authorized: \$250,000 Expended: \$210,499	100 Percent
PAR 1422 – Dissolved Organic Nutrients Evaluation D. Freedman	Regulation 31 will require treatment of nitrogen and phosphorus to very low levels with a total nitrogen limit of 2.01 mg/L and a total phosphorus limit of 0.17 mg/L. With the anticipated stringent treatment requirements, an understanding of the speciation of nitrogen and phosphorus becomes increasingly important for the selection of treatment systems and strategies. This project will increase the organization’s understanding of future treatment needs by performing enhanced sampling and analysis, treatability studies, piloting activities, and potentially source investigations. The timing of this effort will support future facility planning.	GEN Authorized: \$250,000 Expended: \$ 0	5 Percent

Operational Risk Management:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1307 – North and South Entry Gate Emergency Notification Improvement L. Chamberlain	The final programmable logic controller upgrade is scheduled to fully integrate the signs with supervisory control and data acquisition and with the plant emergency and announcement system. The project is scheduled to be completed in the fourth quarter of 2022.	FAR Authorized: \$250,000 Expended: \$190,983	95 Percent
PAR 1347 – RWHTF HazMat Shelter-In-Place Rehabilitation M. Gipe, B. O'Malley	This project provides modifications and upgrades to the HazMat controls in office buildings, eliminating inconsistencies between shelter-in-place locations on the RWHTF plant site. Additionally, some HazMat shelter-in-place locations in process areas are being decommissioned and several new ones are being added for better distribution across the plant site.	FAR Authorized: \$250,000 Expended: \$225,531	95 Percent
PAR 1350 – RWHTF Radio System Upgrade Project K. Burton	Motorola conducted an assessment for digital radio performance from analog. Staff is conducting a digital coverage test with a local vendor for the RWHTF, NTP, and Farm, and has procured new digital radios.	FAR Authorized: \$250,000 Expended: \$135,377	60 Percent
PAR 1355 – Dynamic Safety System B. O'Malley	Final program development of an Asbestos Management plan was completed in July 2022 along with associated training presentations. The final effort is to provide additional Metro Water Recovery specific information into the training and the development of a tracking method to capture all future asbestos surveys into a single file.	GEN Authorized: \$200,000 Expended: \$180,530	90 Percent
PAR 1365 – Fall Protection Infrastructure Improvements B. O'Malley	Bulk swing installation work is completed as are the technical guidelines for fall protection design. The remaining activity is the installation of gates on the SSEC clarifiers. An additional request of \$10,000 to the Capital Planning Workgroup was approved to cover the cost. As of July 2022, the additional installation is delayed due to material supplier inventory.	GEN Authorized: \$210,000 Expended: \$185,736	90 Percent

Solids:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1354 – Process Building Centrifuge VFD Replacement D. Miller	The current Process Building’s equipment (variable frequency drives) is being used as a bypass for the continued processing of solids as the new Sludge Process Building Improvements Project (PAR 1244) completes construction later this year. As it stands, PAR 1354 is complete, contingent upon completion of PAR 1244.	FAR Authorized: \$75,000 Expended: \$59,071	80 Percent
PAR 1404 – Solids Evaluation D. Stillwell	Pilot testing of a thickening centrifuge has been completed, with comparative analysis of conventional activated sludge and densified activated sludge. Implementation planning for a primary sludge screening pilot is ongoing.	GEN Authorized: \$250,000 Expended: \$141,663	60 Percent
PAR 1420 – Study of PFAS as Related to Biosolids Land Application B. Wisdom	A small project is being conducted to study the presence and mobility of PFAS on agricultural land. The intent is to collect data which will help inform the organization and the state as to the existence and mobility of PFAS on agricultural land. This would be a proactive approach to addressing state concerns and would allow for science-based decisions as to policy and regulations.	GEN Authorized: \$250,000 Expended: \$ 0	1 Percent

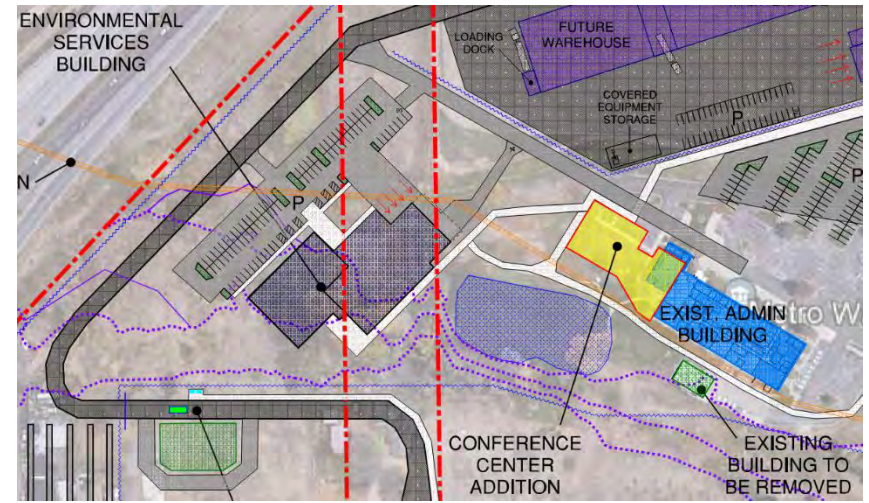
Support Facilities:

Featured Project:

PAR 1399 – Support Facilities Master Plan (PM P. Gehlhoff)

Project scope includes developing a master plan for all support facilities at the RWHTF and NTP. It will identify space requirements including future staff projections, functional adjacencies, and work environment trends and will serve as a guide to future capital construction projects. The first draft has been submitted and is currently being reviewed. Comments will be provided to the consulting team and a second draft will be reviewed by the Capital Planning Workgroup before closeout.

Example of Future Master Plan



GEN Authorized: \$250,000	Expended: \$106,804	Work Completed: 50%
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Other Projects:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1374 – Facilities Maintenance Satellite Facility Improvements T. Gottschalk	Staff initiated this project to address improvements and deficiencies in the steel structure which was purchased from the South Secondary Improvements Project (PAR 1085) contractor for Facilities Maintenance storage use. Delays in material deliveries have extended the original schedule. Parts are now expected to arrive in August. Construction is scheduled to be completed by the end of September.	GEN Authorized: \$100,000 FAR Authorized: \$150,000 Total Authorized: \$250,000 GEN Expended: \$ 2,350 FAR Expended: \$ 3,525 Total Expended: \$ 5,875	15 Percent
PAR 1391 – Boardroom Refresh R. Kedzior	The project team has completed the installation and testing of the equipment. Remaining funds will be used to update the NTP Visitor's Center Conference Room and improve the Boardroom audio.	FAR Authorized: \$250,000 Expended: \$135,598	85 Percent

PAR 1392 – HVAC High Priority Improvements M. Gipe	Replacement of certain HVAC assets which have reached or exceeded their service life will be evaluated, as well as addressing operational issues of certain other HVAC fixed assets at both plant sites.	FAR Authorized: \$250,000 Expended: \$159,865	75 Percent
PAR 1412 – Administration Office Remodel 2021-22 P. Gehlhoff	Interviews to understand staff requirements have been conducted and the project is in design. The project was bid, but staff did not receive any bids for the project. Alternative methods of project delivery are now being explored.	GEN Authorized: \$250,000 Expended: \$ 0	40 Percent

Work Completed – Closeout in Routing:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1271 – RWHTF Electric Gate Actuator Project C. Geier	The electric actuators on 27 large gates and valves located at the SSEC Complex at the RWHTF were installed. The electrical contractor completed their work, the Maintenance Department has installed all actuators, and all are operable.	FAR Authorized: \$250,000 Expended: \$ 192,697	100 Percent
PAR 1341 – Portable Emergency Safety Shower – Disinfection 2018 O. West	Portable showers and other equipment were purchased and installed to protect staff from exposure to chemicals used in the disinfection process.	GEN Authorized: \$90,000 Expended: \$87,789	100 Percent
PAR 1407 – Warehouse Assessment and Use Plan S. Light	Staff completed an informal internal assessment and use plan which developed a configuration and floor plan of racking and travel corridors to address warehousing activities. Equipment installation was completed in late 2021.	GEN Authorized: \$100,000 Expended: \$ 93,731	100 Percent

Closed Projects:

Project Title and Project Manager	Update	Amount Authorized/Expended	Work Completed Percentage
PAR 1291 – RWHTF Operations and Maintenance Floor Rating Analysis A. Norford	Evaluations were completed of the RWHTF loading floors facilities and areas where access to operations and maintenance equipment is required for equipment loads as specified by maintenance.	GEN Authorized: \$50,000 Expended: \$24,975	100 Percent
PAR 1376 – Laboratory Audit B. Peshek	This project would have engaged a third-party laboratory auditor to conduct a laboratory review and evaluation specific to documents and activities associated with compliance analyses under the National Pollutant Discharge Elimination System (NPDES) and the Environmental Protection Agency (EPA) Biosolids regulations. After discussion, staff will be closing the Lab Audit Small Project. With recent staffing changes lab staff is currently conducting internal reviews of processes and procedures including increased use of outside lab services. Once these changes are fully implemented, staff will review and redefine the potential scope of a future audit. Until such time, staff has directed the project be closed so the project funds can be released back into the Small Project Fund.	GEN Authorized: \$250,000 Expended: \$ 0	0 Percent
PAR 1378 – Line Locates Enhancements M. Simmons	The legal requirement for Metro Water Recovery to become a Tier 1 member of the Utility Notification Center of Colorado (UNCC) was fulfilled. The implementation of sustainable data transfer between Metro and UNCC allows Metro’s locates system to electronically accept locates from the UNCC-operated database and sends confirmation back. Metro was able to limit expenditures under this project by performing a substantial amount of work in house.	GEN Authorized: \$50,000 Expended: \$ 5,666	100 Percent
PAR 1383 – Process Control System Controller Upgrade J. Tran	Old generation process control network equipment at the two RWHTF data centers were replaced due to equipment age and to increase capacity to meet current and future network demands, increase reliability, improve network security, and minimize redundancy.	FAR Authorized: \$250,000 Expended: \$244,130	100 Percent

METRO WATER RECOVERY

2024 ANNUAL BUDGET PREPARATION SCHEDULE

2022	
July	<ul style="list-style-type: none"> Budget staff prepares computer system and operating budget worksheets for the 2024 Budget.
August / September	<ul style="list-style-type: none"> Metro staff prepares individual Department/Division proposed 2024 Budget.
October	<ul style="list-style-type: none"> Budget staff prepares first draft of the proposed 2024 Budget.
November / December	<ul style="list-style-type: none"> CEO, Department Heads, and key staff conduct review. Budget staff updates proposed 2024 Budget.

2023	
January	<ul style="list-style-type: none"> Consulting Engineer conducts budget review with CEO, Department Heads, and key staff. Budget staff makes necessary revisions to the proposed 2024 Budget.
March	<ul style="list-style-type: none"> Board of Directors Finance Committee holds the Budget Workshop following the March Committee meeting. Budget staff prepares the preliminary 2024 Budget based on the Finance Committee's review.
April/May	<ul style="list-style-type: none"> Preliminary 2024 Budget is distributed to Board of Directors, Connectors, Consulting Engineer, and Bond Trustee. Board of Directors reviews the preliminary 2024 Budget information at the Spring Workshop. Notice of a Public Hearing on the 2024 Budget is posted in the newspaper.
May	<ul style="list-style-type: none"> Public Hearing on the 2024 Budget is held at Board of Directors meeting.
June	<ul style="list-style-type: none"> Board of Directors adopts the 2024 Budget and appropriates funds. Board of Directors adopts the total 2024 Annual Charges for Service.
July	<ul style="list-style-type: none"> Budget staff prepares the 2024 Budget final document.
August	<ul style="list-style-type: none"> Board of Directors adopts and certifies the Estimated 2024 Annual Charges for Service for individual Connectors. Adopted 2024 Budget is published; an electronic copy is filed with the State of Colorado.

* In addition to preparing the proposed 2024 Budget, Metro staff will prepare the revised 2023 Budget, which is adopted by the Board of Directors in the same process and used to prepare and refine the proposed 2024 Budget.

Hydrogen Sulfide Treatment Advancements

Biogas is an unavoidable byproduct of wastewater treatment at Metro Water Recovery but is also a valued energy source. Treatment of the renewably sourced methane is required to reduce air emissions, support beneficial use, and protect human health and the environment. Hydrogen Sulfide (H₂S) is a gas which forms from microbial degradation of fats and proteins in anaerobic environments, making it ubiquitous at municipal and industrial wastewater collection and treatment systems. This gas is corrosive in nature, highly odorous, and known to cause adverse human health impacts to the respiratory and nervous systems. While H₂S can be present in residential wastewater, industrial wastes can be significant contributors. In the collection system, H₂S can lead to corrosion of piping, manholes, pump stations, and other structures while presenting safety challenges for workers. At the plant, H₂S is released during the anaerobic digestion process and is a component of the formed biogas. In fact, the biogas can be highly corrosive to equipment and downstream facilities such as biogas-fired boilers and co-generation systems.

The management of H₂S at Metro Water Recovery's facilities is vital. Currently, the Robert W. Hite Treatment Facility (RWHTF) and the Northern Treatment Plant (NTP) manage H₂S with different treatment strategies, for different intents, and at different magnitudes. These management strategies feature innovative approaches to not only meet compliance, but also reduce cost and enhance the efficiency of Metro's facilities. Among other parameters, the RWHTF has a permit related to H₂S emissions. The RWHTF produces a staggering 3.2 million cubic feet of H₂S per day – a substantial amount.



An aerial view of the RWHTF in Denver.

To compensate, the produced H₂S is sequestered with 300 gallons per day of ferric chloride to lower the H₂S concentrations below 1,000 parts per million (ppm). Next, the mixture is fed to two large co-generation turbines so it can be beneficially used for energy production.

At current plant loading, the biogas production at the NTP's digester averages 100,000 cubic feet per day. NTP also adds ferric chloride for H₂S mitigation in the digesters, averaging 2.5-3.0 gallons per hour, to reduce the H₂S concentrations to below 350-400 ppm. Because of its more efficient co-generation unit, further gas conditioning is required to protect the engine generator. This is accomplished via two iron sponge media vessels. These vessels contain wood chips impregnated with ferric chloride which further removes the H₂S down to below ten ppm.

With ongoing challenges and the introduction of new technologies, Metro Water Recovery's Technology and Innovation Department (TID) has been working with staff to assess current and future treatment strategies and select the best recommended path forward to manage H₂S at Metro facilities.

Story continues on the next page



Above Left: Sulfur Solve skid during a PAR team visit to Long's Peak Dairy in Northern Colorado. Right: Sulfur byproduct from Sulfur Solve skid.

Current Investigations

In the third quarter of 2021, a study identified replacing aging cogeneration equipment at the RWHTF with a system which would produce renewable natural gas (RNG) for pipeline injection. The Cogeneration Equipment Replacement Project (PAR 1395) is now entering detailed design of this system. The system includes two main components:

- an H₂S treatment system and
- a biogas upgrading system which will target the removal of carbon dioxide (which comprises approximately 40 percent of biogas), volatile organic compounds, and siloxanes.*

An H₂S treatment system will greatly reduce emissions, reduce ferric chemical addition, and allow for the recovery of an elemental sulfur byproduct which can be beneficially used while achieving the required RNG concentration of less than four ppm for pipeline injection. Several technologies were evaluated for H₂S removal at the RWHTF including chemical precipitation, media-based treatment, biological scrubbing, and liquid redox treatment. Site visits were conducted by staff in addition to phone interviews and engineering assessments. Liquid redox treatment was selected for its simplicity, reliability, and regenerative capabilities. Two companies offer this solution: Unison Solutions and New Sky Energy.

**This Innovation Quarterly report focuses on the H₂S system while the biogas upgrading system will be discussed in a subsequent issue*

New Sky Energy is Boulder-based with two Colorado installations at dairies. Metro Water Recovery staff visited the installations in April to see the systems and talk with the inventor and client. Equipment selection is anticipated by the third quarter of 2022.

In 2022, the NTP's iron sponge media was due for replacement. While iron sponge media is reliable, material handling can be problematic. Depending on the number of regenerations, the media can cement into a solid mass, requiring intense extraction from the vessels. The spent media also needs to be carefully dried upon removal to avoid spontaneous combustion from exothermic reactions. To reduce or eliminate these issues, the NTP is piloting a ferrous hydroxide media which has been used successfully by several wastewater facilities along the Front Range. The media does not stick together, easing the removal process, and can be transported offsite without extensive drying or risk of combustion. Maintenance, NTP, and TID staff worked together to ensure safe removal and disposal of the iron sponge and installation of the new media. The media effectiveness and longevity will be evaluated to determine a long-term plan from H₂S treatment at NTP.

Story continues on the next page





Top left: Earl Chappell and Jeremy Hileman working with contractor during iron sponge removal. Top right: Hydrovac discharging spent iron sponge media in NTP's lined pond. Center right: H₂S removal vessel filled with new ferrous hydroxide media. Bottom right: Sulfur Solve test skid.

Future Efforts

The PAR 1395 team is currently working on design for the proposed liquid redox system at the RWHTF. In support of this effort, NTP staff is planning a pilot test of New Sky Energy's Sulfur Solve process. This short-term pilot will primarily be targeted at gathering data on system emissions, waste streams, and a characterization of the elemental sulfur recovered product in support of the RNG project at the RWHTF. This system could also be considered at the NTP once the existing treatment has reached the end of useful life.

New H₂S treatment systems have become commercially available which may offer benefits over existing systems. Metro Water Recovery is piloting these technologies to assess the effectiveness of treatment and impacts to operations, maintenance, and financial lifecycle in support of current and future operations.



Metro Water Recovery continues to explore innovative approaches to achieve our mission. For questions about the Innovation Quarterly report, please reach out to Blair Wisdom at bwisdom@MetroWaterRecovery.com



METRO WATER RECOVERY

MEMORANDUM

TO: Mickey Conway, Chief Executive Officer **DATE:** August 16, 2022
FROM: Andy Nelson, Director of Engineering
RE: Status of Capital Improvement Projects Report Through July 2022

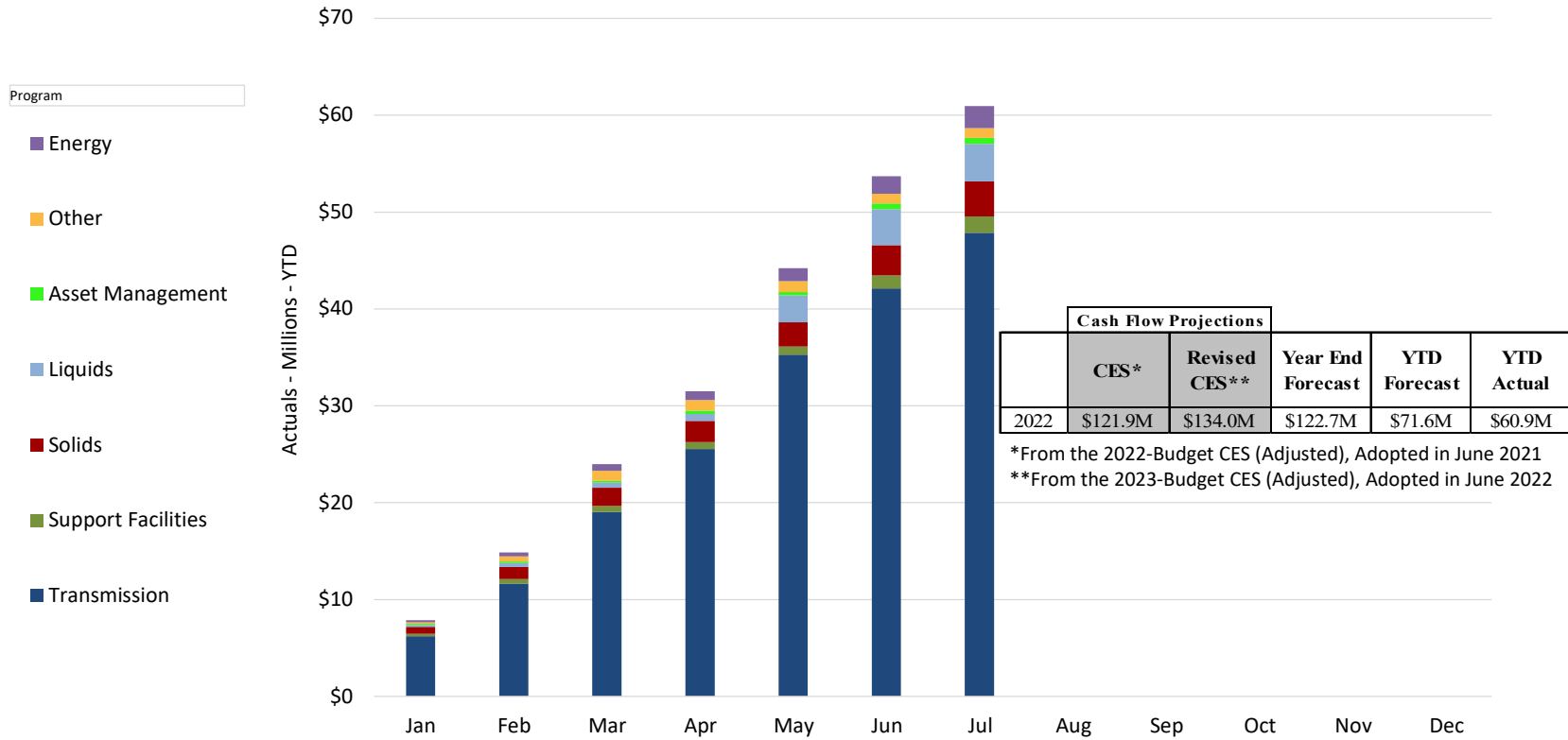
The monthly Status of Capital Improvement Projects Report provides information on capital improvement projects. The Report includes:

1. Cash Flow Projections versus Actual (Attachment 1): This bar graph provides program-wide cash flow forecast versus actual expenditures and the capital program's monthly cash flow projections for the current year. Content includes the 2022 *Ten-Year Capital Expenditure Schedule* (CES) amount, the Revised 2022 CES amount, dollars spent to date on all capital projects (by Program) and forecast of expenditures. The legend is shown on the attachment.
2. Five-Year Schedule (Attachment 2): This bar graph provides basic project schedule information for significant projects which are currently active or will be initiated in the near term. Content includes the Project Action Request (PAR) number, project name, and a five-year project schedule window showing the previous and current years plus the next three years. The legend is shown on the attachment.
3. Monthly Capital Project Financial Status Report (Attachment 3): This table provides financial information on large capital projects. Content includes general project information, active phase, and total project cost information. The Definitions Page provides a definition of certain columns and how each column's value is calculated.

Attachments

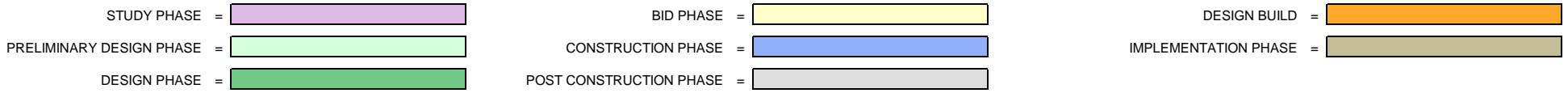
Attachment 1

CAPITAL IMPROVEMENT PROJECTS 2022 Cash Flow Projections versus Actual through July 2022



**Attachment 2
CAPITAL IMPROVEMENT PROJECTS
Five-Year Schedule**

PAR	PROJECT	2022												2023												2024												2025												2026											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	<i>SUPPORT FACILITIES</i>																																																												
1235	RWHTF Support Facilities Upgrade 2014	[Bar chart: Construction Phase (Blue) from Jan to Nov]																																																											
1369	TSB FARs and Improvements	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
	<i>ASSET MANAGEMENT</i>																																																												
1379	2020 Annual Fixed Asset Replacement Priorities	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1408	Potable Waterline Replacement	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
	<i>LIQUIDS</i>																																																												
1225	South Headworks and Grease Processing Improvements	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1400	PAA Disinfection System Improvements	[Bar chart: Preliminary Design Phase (Light Green) from Jan to May; Design Phase (Dark Green) from Jun to Dec]												[Bar chart: Construction Phase (Blue) from Jan to Jul]												[Bar chart: Implementation Phase (Grey) from Aug to Dec]																																			
	<i>SOLIDS</i>																																																												
1244	Solids Processing Building Improvements	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1259	Digester Complex Rehabilitation	[Bar chart: Construction Phase (Blue) from Jan to Feb; Implementation Phase (Grey) from Mar to Dec]																																																											
	<i>ENERGY</i>																																																												
1202	HID Lighting Improvements	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1265	Electrical Transmission Service Substation	[Bar chart: Preliminary Design Phase (Light Green) from Jan to Apr; Design Phase (Dark Green) from May to Dec]												[Bar chart: Construction Phase (Blue) from Jan to Dec]												[Bar chart: Implementation Phase (Grey) from Jan to Dec]																																			
1368	Cogeneration Building and System Rehabilitation	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1395	Cogeneration Equipment Replacement	[Bar chart: Study Phase (Purple) from Jan to Feb; Preliminary Design Phase (Light Green) from Mar to May; Design Phase (Dark Green) from Jun to Dec]																																																											
	<i>TRANSMISSION</i>																																																												
1232	Second Creek Interceptor Sand Creek Interceptor System Improvements	[Bar chart: Construction Phase (Blue) from Jan to Dec]												[Bar chart: Construction Phase (Blue) from Jan to Dec]												[Bar chart: Implementation Phase (Grey) from Jan to Dec]																																			
1312	Lift Station (TNW & DM)	[Bar chart: Design Phase (Dark Green) from Jan to Dec]												[Bar chart: Construction Phase (Blue) from Jan to Dec]												[Bar chart: Implementation Phase (Grey) from Jan to Dec]																																			
1325	Transmission System Rehabilitation 2020	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1340	Force Main and Siphon Condition Assessment and Cleaning	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1343	National Western Center Delgany Interceptor Relocation	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											
1363	Interceptor Rehabilitation 2020-2022	[Bar chart: Construction Phase (Blue) from Jan to Dec]																																																											





Attachment 3 Monthly Capital Projects Financial Status Report

						ACTIVE PHASE									TOTAL PROJECT				
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
PAR #	Project Name	Active Phase	Deliv Meth	Consultant(s)	Contractor(s)	Appropriations	Consultant			Contractor			Other Tasks	Remaining Contingency	Costs to Date	Total Project Cost Estimate	Total Appropriations	Total Costs to Date	Total Variance
							Contracts	Amendments	%	Contracts	Change Orders	%							
Support Facilities																			
1235	RWHTF Support Facilities Upgrade 2014	Construction	DBB	Stantec Consulting Services, Inc	JHL Constructors, Inc	\$51,366,664	\$4,470,513	\$381,747	9.3%	\$44,820,875	\$2,432,439	5.7%	\$1,172,628	\$902,648	\$50,117,624	\$54,500,000	\$54,500,000	\$53,325,089	\$1,174,911
1369	TSB FARs and Improvements	Construction	DBB	Metro Water Recovery	TCC Corporation	\$1,350,000	\$17,500	\$0	0.0%	\$1,076,758	\$687,876	176.9%	\$84,944	\$170,798	\$490,075	\$1,350,000	\$1,350,000	\$490,075	\$859,925
Sub Total for Support Facilities :						\$52,716,664	\$4,488,013	\$381,747		\$45,897,633	\$3,120,315		\$1,257,572	\$1,073,446	\$50,607,699	\$55,850,000	\$55,850,000	\$53,815,164	\$2,034,836
Asset Management																			
1379	Annual Fixed Asset Replacement Priorities	Construction	N/A	NEI	Moltz and Sturgeon	\$7,375,000	\$140,000	\$0	0.0%	\$6,725,000	\$0	0.0%	\$10,000	\$500,000	\$79,427	\$11,728,000	\$11,728,000	\$2,968,326	\$8,759,674
1408	Potable Waterline Replacement	Construction	N/A	Adams County	Adams County	\$1,825,000	\$0	\$0	0.0%	\$1,652,000	\$1,002,000	154.2%	\$15,000	\$158,000	\$12,695	\$1,825,000	\$1,825,000	\$12,695	\$1,812,306
Sub Total for Asset Management :						\$9,200,000	\$140,000	\$0		\$8,377,000	\$1,002,000		\$25,000	\$658,000	\$92,121	\$13,553,000	\$13,553,000	\$2,981,020	\$10,571,980
Liquids																			
1225	South Headworks and Grease Processing Improvements	Construction	DBB	Carollo Engineers, Inc	MWH Constructors, Inc	\$67,124,067	\$8,547,100	\$2,461,200	40.4%	\$54,944,343	\$1,944,352	3.7%	\$2,334,001	\$1,298,623	\$65,189,887	\$71,498,000	\$71,498,000	\$69,565,290	\$1,932,710
1400	PAA Disinfection System Improvements	Design	CMAR	CDM Smith, Inc.	Garney Construction	\$1,659,090	\$1,367,765	\$200,000	17.1%	\$0	\$0	0.0%	\$71,325	\$220,000	\$60,101	\$13,000,000	\$2,440,000	\$837,043	\$1,602,957
Sub Total for Liquids :						\$68,783,157	\$9,914,865	\$2,661,200		\$54,944,343	\$1,944,352		\$2,405,326	\$1,518,623	\$65,249,989	\$84,498,000	\$73,938,000	\$70,402,333	\$3,535,667
Solids																			
1244	Solids Processing Building Improvements	Construction	DBB	Brown And Caldwell	MWH Constructors, Inc	\$89,637,329	\$8,698,942	\$457,688	5.6%	\$76,258,457	\$2,062,692	2.8%	\$875,000	\$3,804,930	\$75,414,265	\$96,757,000	\$96,757,000	\$82,418,729	\$14,338,271
1259	Digester Complex Rehabilitation	Construction	DBB	Carollo Engineers, Inc	Moltz Construction, Inc	\$32,550,999	\$3,115,000	\$358,000	13.0%	\$28,407,870	\$10,479,870	58.5%	\$1,028,129	\$0	\$31,366,902	\$33,859,393	\$33,859,393	\$32,951,087	\$908,306
Sub Total for Solids :						\$122,188,329	\$11,813,942	\$815,688		\$104,666,327	\$12,542,562		\$1,903,129	\$3,804,930	\$106,781,166	\$130,616,393	\$130,616,393	\$115,369,816	\$15,246,577
Energy																			
1202	HID Lighting Improvements	Construction	DBB	Dewberry Engineering	Guarantee Electric	\$2,777,972	\$232,080	\$0	0.0%	\$2,481,247	\$305,500	14.0%	\$31,600	\$33,045	\$2,643,908	\$3,431,000	\$3,340,600	\$3,179,616	\$160,984
1265	Electrical Transmission Service Substation	Design	CMAR	NEI	PCL Construction, Inc.	\$1,952,679	\$1,780,500	\$0	0.0%	\$0	\$0	0.0%	\$50,000	\$122,179	\$678,881	\$39,700,000	\$3,301,500	\$1,895,046	\$1,406,454
1368	Cogeneration Building and System Rehabilitation	Construction	N/A	Metro Water Recovery	N/A	\$800,000	\$0	\$0	0.0%	\$0	\$0	0.0%	\$700,000	\$100,000	\$527,263	\$800,000	\$800,000	\$527,263	\$272,737
1395	Cogeneration Equipment Replacement	Pre-Design	CMAR	Carollo Engineers, Inc	Moltz Construction, Inc	\$707,000	\$707,000	\$0	0.0%	\$0	\$0	0.0%	\$0	\$0	\$326,220	\$44,100,000	\$2,720,976	\$589,819	\$2,131,157
Sub Total for Energy :						\$6,237,651	\$2,719,580	\$0		\$2,481,247	\$305,500		\$781,600	\$255,224	\$4,176,272	\$88,031,000	\$10,163,076	\$6,191,745	\$3,971,331



Attachment 3 Monthly Capital Projects Financial Status Report

						ACTIVE PHASE									TOTAL PROJECT				
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
PAR #	Project Name	Active Phase	Deliv Meth	Consultant(s)	Contractor(s)	Appropriations	Consultant			Contractor			Other Tasks	Remaining Contingency	Costs to Date	Total Project Cost Estimate	Total Appropriations	Total Costs to Date	Total Variance
							Contracts	Amendments	%	Contracts	Change Orders	%							
Transmission																			
1232	Second Creek Interceptor and Sand Creek Interceptor System Improvements	Construction	CMAR	HDR Engineering, Inc	Garney Construction	\$162,399,181	\$13,830,000	\$0	0.0%	\$135,575,535	\$2,913,005	2.2%	\$5,000,000	\$7,993,646	\$83,858,978	\$194,309,000	\$192,901,417	\$104,920,473	\$87,980,944
1312	Lift Station (TNW & DM)	Construction	CMAR	Stantec Consulting Services, Inc	PCL Construction	\$38,450,000	\$2,833,000	\$0	0.0%	\$31,960,000	\$0	0.0%	\$1,190,000	\$2,467,000	\$1,927,977	\$41,726,000	\$41,726,000	\$5,144,053	\$36,581,947
1325	Transmission System Structure Rehabilitation 2020	Construction	DBB	Mott MacDonald	Iron Woman Construction	\$3,568,816	\$91,996	\$1,780	2.0%	\$3,344,203	\$185,603	5.9%	\$7,000	\$125,617	\$678,119	\$4,008,316	\$4,008,316	\$1,042,483	\$2,965,833
1340	Force Main and Siphon Condition Assessment and Cleaning	Construction	DBB	Brown & Caldwell	Doestch Environmental Services	\$6,211,709	\$443,000	\$0	0.0%	\$5,185,585	\$0	0.0%	\$20,000	\$563,124	\$2,873,274	\$6,859,000	\$6,859,000	\$3,520,565	\$3,338,435
1343	National Western Ctr Delgany	Construction	N/A	C&C of Denver	C&C of Denver	\$7,863,073	\$0	\$0	0.0%	\$6,765,652	\$496,935	7.9%	\$10,000	\$1,087,421	\$6,576,112	\$9,196,451	\$9,196,451	\$7,009,403	\$2,187,048
1363	Interceptor Rehabilitation 2020-2022	Design	CMAR	Metro Water Recovery	Granite InLiner, LLC	\$838,000	\$784,000	\$286,000	57.4%	\$0	\$0	0.0%	\$5,000	\$49,000	\$747,320	\$35,812,000	\$35,812,000	\$12,219,444	\$23,592,556
Sub Total for Transmission :						\$219,330,780	\$17,981,996	\$287,780		\$182,830,975	\$3,595,543		\$6,232,000	\$12,285,809	\$96,661,780	\$291,910,767	\$290,503,184	\$133,856,420	\$156,646,764
Report Total:						\$478,456,581	\$47,058,396	\$4,146,415		\$399,197,525	\$22,510,272		\$12,604,628	\$19,596,032	\$323,569,028	\$664,459,160	\$574,623,653	\$382,616,498	\$192,007,155

ATTACHMENT 3 - DEFINITIONS

COLUMN	COLUMN TITLE & DEFINITION
D	<p>Delivery Method: DBB = Design/Bid/Build (Traditional Metro Water Recovery Delivery Method)</p> <p>DB = Design/Build (Progressive, Collaborative)</p> <p>CMAR = Construction Manager at Risk</p> <p>N/A = Studies, Facility Plans</p>
G	Appropriation(s) = Total available appropriation for the active phase. Includes requested appropriation number in the Board resolution for the active phase plus unused, available appropriation from any previous phase or phases.
H	Consultant Contract(s) = Original contract plus any amendments (for the active phase). May include more than one consultant contract.
I	Consultant Amendments = Summation of all consultant amendments (for the active phase).
J	Consultant Amendment % = The consulting amendments as a percentage of the original consulting services contract (for the active phase).
K	Contractor Contract(s) = Original contract plus any change orders (for the active phase). A typical project has only one contractor (General Contractor).
L	Change Orders = Summation of change orders (for the active phase).
M	Construction Change Order % = Change Orders as a percentage of the original construction contract (for the active phase).
N	Other Tasks = Administrative costs, materials testing, owner-purchased equipment, land/easement acquisition, etc.
O	Remaining Contingency = Original appropriated contingency minus the portion of contingency used for amendments, change orders, or other tasks.
P	Costs to Date = Active phase payments made as of the report date (shown in the report's upper left corner).
Q	Total Project Cost Estimate (TPCE) = Total appropriations or project cost amount as shown in the <i>Capital Expenditure Schedule (CES)</i> .
R	Total Appropriations = Total requested appropriation amount in the Board resolution. This value is a summation of appropriations from all project phases to date.
S	Total Costs to Date = Payments made as of the report date (shown in the report's upper left corner). This amount is a summation of all payments for all project phases to date.
T	Total Variance = Total Appropriations minus Total Costs to Date. Includes remaining portion of agreements, contracts, other tasks, and contingency.

METRO WATER RECOVERY

CURRENT ACTIVITIES/OPERATIONAL PERFORMANCE REPORT

August 2022

OPERATIONS DEPARTMENT Current Activities

Northern Treatment Plant Gas Conditioning Media Change

The Northern Treatment Plant (NTP) uses gas conditioning for the methane generated by anaerobic digestion in order to feed clean gas to its cogeneration engine. This engine provides combined heat and power, in which the waste heat the engine naturally produces is used to heat the digesters and electricity is generated and returned to the grid for energy cost offsetting. As a newer, more efficient



model of engine, gas pre-conditioning is required to remove hydrogen sulfide (H₂S) via iron sponge treatment followed by siloxane removal by an activated carbon system. These two components (H₂S and siloxanes) can severely damage the cogeneration engine, causing corrosion and silica buildup, leading to equipment damage and premature failure.

The iron sponge system is comprised of two tanks typically filled with a wood-chip media which is impregnated with an iron compound, which binds to the H₂S, removing it from the digester gas. This is an older, well-known technology, but comes with drawbacks. While the system can be “regenerated” with air and water, if this process is done too many times, the media can compact and form very hard deposits which could require a jackhammer to remove in some scenarios. Additionally, the media, when exposed to air, creates a strong exothermic reaction and can spontaneously combust, which causes major safety concerns with the process of media changeout.

NTP found its iron sponge system was losing efficiency, indicating it was time to change the media. NTP Operations and Maintenance staff, alongside Technology and Innovation staff, saw this as an opportunity to try a new H₂S removal product: a granular iron-based media which is much safer, does not risk compaction, and does not have the risk of spontaneous combustion. This July, NTP staff worked with an experienced contractor to safely remove the old iron sponge media, spreading it in a lined pond for stabilization in a way which avoided excess heat buildup. The old iron sponge vessels were then fitted with a special underlayment to retrofit the tank to accept the new granular media, then filled and resealed. NTP will test this new media but will also continue to look for other H₂S mitigation technologies in the meantime, working closely with Technology and Innovation staff to find the most effective, efficient, and safe method to clean the digester gas.



The tank is filled with new granular media.

Liam Cavanaugh
Chief Operating Officer

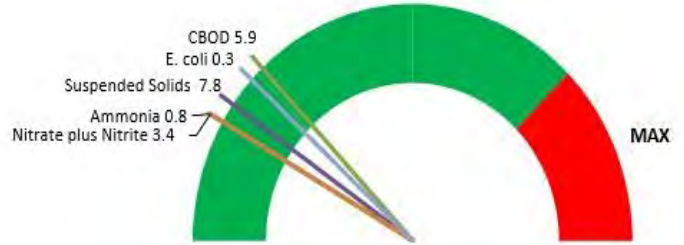
**Robert W. Hite Treatment Facility (RWHTF)
Permit Compliance Performance June 2022**

Discharge Permit/Limits and Effluent Quality

<u>Parameter</u>	<u>Max. Limit</u>
Suspended Solids, mg/L, 30-day ^a	30.00
CBOD, mg/L, 30-day ^b	17.00
Ammonia (NH ₃) mg/L, 30-day	3.8
Nitrate plus Nitrite, mg/L, Daily	9.7
E. coli per 100 mL, 30-day	126.00

- (a) 7-day average is higher than average due to an outlying data point. Data is being reviewed.
- (b) 7-day average is higher than average due to outlying data points. Data is being reviewed.

Performance



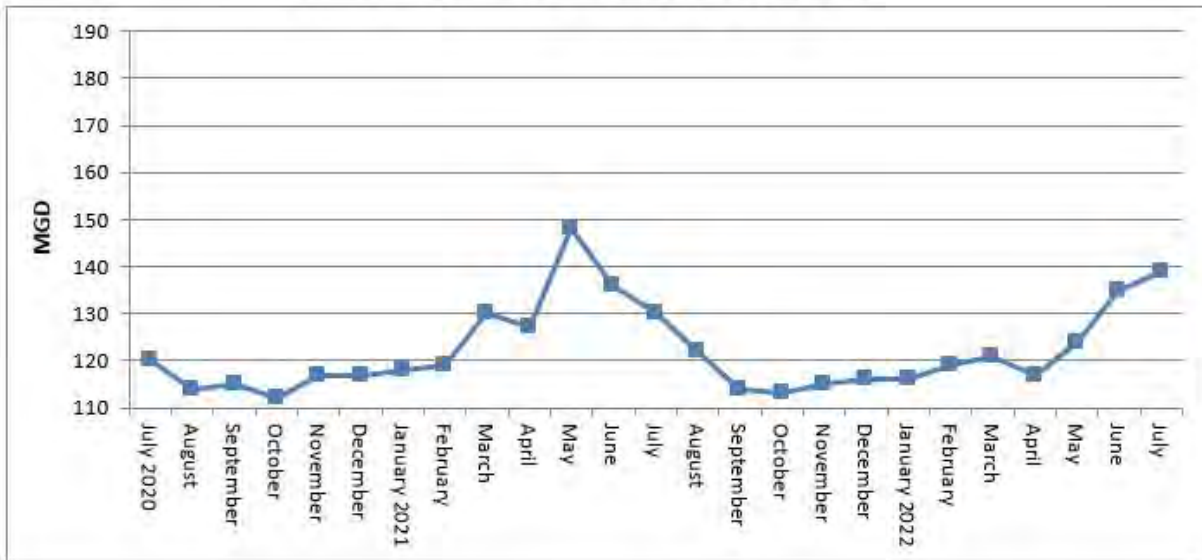
503 Regulations/Anaerobic Digester Limit

<u>Parameter</u>	<u>Min. Limit</u>
Temperature—Monthly Average °F	95 ¹
Solids Retention – Days	15
Volatile Solids Percent Reduction – Monthly Average	38

¹ A maximum limit also applies; the maximum allowable regulatory monthly average temperature is 131°F.



RWHTF Total Plant Effluent Flow 2020-2022

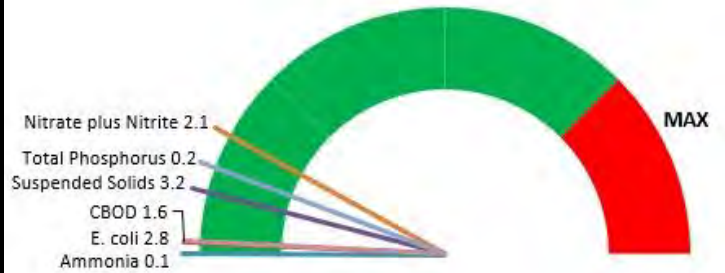


**Northern Treatment Plant (NTP)
Permit Compliance Performance—June 2022**

Discharge Permit/Limits and Effluent Quality

<u>Parameter</u>	<u>Max. Limit</u>
Suspended Solids, mg/L, 30-day	30.00
CBOD, mg/L, 30-day	17.00
Ammonia (NH ₃) mg/L, daily	14.11
Nitrate plus Nitrite, mg/L, daily	10.00
E. coli, per 100 mL, 30-day	126.00
Total Phosphorus mg/L, running annual median	1.00

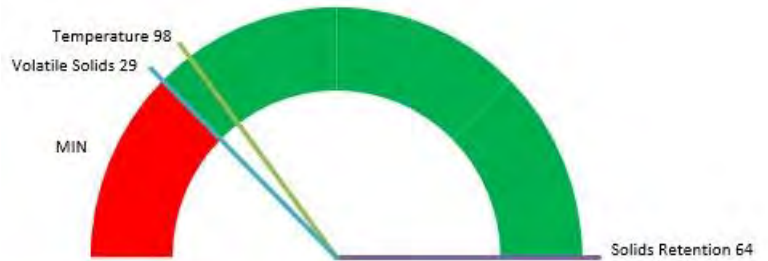
Performance



503 Regulations/Anaerobic Digester Limit

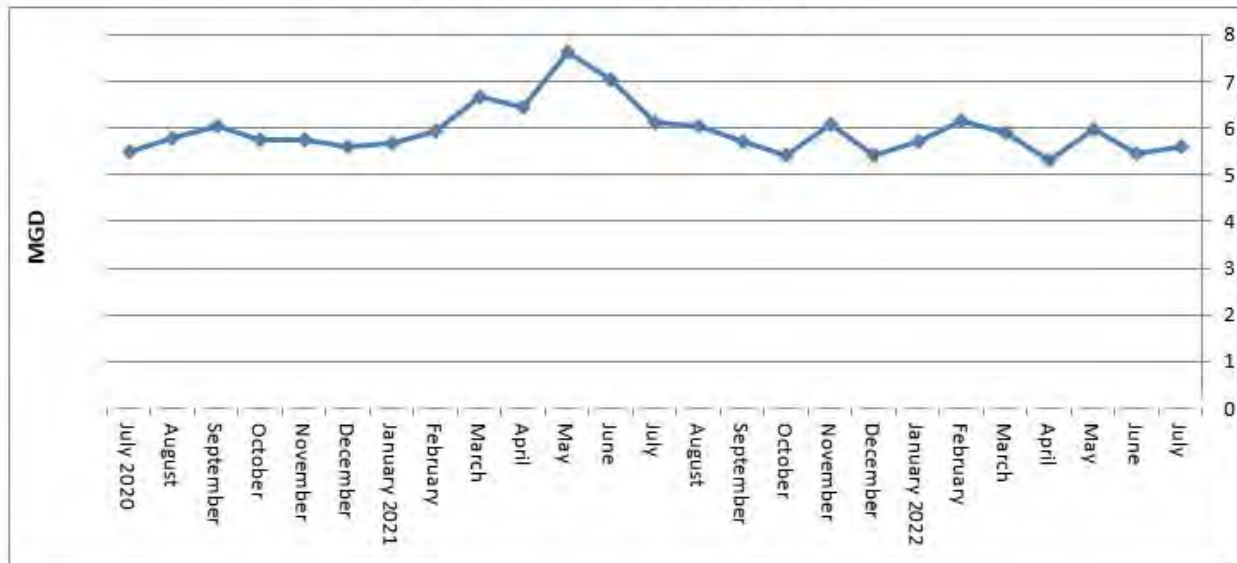
<u>Parameter</u>	<u>Min. Limit</u>
Temperature—Monthly Average °F	95 ¹
Solids Retention – Days	15
Volatile Solids Percent Reduction – Monthly Average	38

¹ A maximum limit also applies; the maximum allowable regulatory monthly average temperature is 131°F.



*NTP is currently sending all biosolids to a composting facility due to maintenance work, 503 Regulations not applicable at this time.

NTP Total Plant Effluent Flow 2020-2022



MAINTENANCE DEPARTMENT
Current Activities

Electrician-Instrumentation Technicians Taking Control

To better serve Metro Water Recovery, Electrician-Instrumentation Technicians (EITs) are now taking more control of their integral test equipment by using Fastenal's asset management vending lockers. Where there had hardly been any checks or balances in place for keeping track of department equipment, the lockers will now be used to vend and track testers, calibration equipment, and any other critical instruments the EITs use to support the Process Maintenance Division.



New Fastenal asset management vending lockers.



Electrician-Instrumentation Technician's equipment locker room.

Whether an employee is checking out or returning equipment, the process is controlled and tracked through the server-based software and a user identification number which connects every product to an individual employee. Supervisors will receive alerts when equipment returns are overdue in order to keep necessary equipment available for all parties. Additionally, the software will schedule alerts and/or lockdowns when items require recharging or recalibration. Historical data shows the use of vending methods helps

reduce replacement costs and downtime by making job-ready assets continually available at the point of work.

Current Maintenance Summary—July 2022

July 2022	Jobs Completed	Overtime ^a	Priority 0 ^{a,b}
Process Maintenance	741	4.1%	2.4%
Facilities Maintenance	475	0.5%	0.0%

^a Target overtime and Priority 0 rate is 5 percent or less.

^b Priority 0 work orders address critical safety, permit, and production issues.

RESOURCE RECOVERY and REUSE (RR&R) DEPARTMENT
Current Activities

The Transmission Division operates and maintains several biofilters throughout the transmission system. These filters treat odorous air within the collection system to reduce nuisance odors and lessen the corrosive effects of Hydrogen sulfide (H₂S) gas on Metro Water Recovery's infrastructure. Biofilters work by growing a biofilm layer on the filter media which absorb H₂S and other odor-causing chemicals. The filter media is kept moist to encourage biofilm development, and odorous air is forced through the filter, removing any detectable odor. The odor-free air is then harmlessly vented to the atmosphere. These strategically placed biofilters throughout the collection system have significantly reduced the number of odor complaints received from the public and have increased the life expectancy of Metro's infrastructure. However, the filter media is slowly consumed over time and needs replacement every three to five years.



Smoke Test

In June, the Transmission Division removed, inspected, and replaced the filter media at the South Platte biofilter. This project took five operators two weeks to complete from start to finish. The first step involved a hydro-vac truck to vacuum up the old filter media. After removing the media, the crew performed a smoke test to ensure the underlying ventilation system was distributing air evenly across the filter (see above).

(Continued on Page 6)

Once the smoke test confirmed an even airflow distribution, the crew began replacing 170 cubic yards of filter media. This part was very labor intensive, requiring the team to spread the media evenly using hand shovels and rakes (see below).



Media replacement.

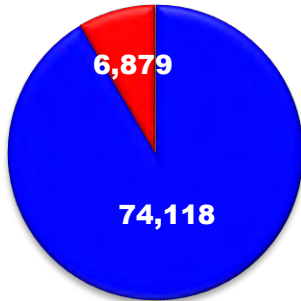
In years past, experience has shown that high winds in the vicinity of the South Platte Biofilter have caused the filter media to blow away, decreasing the filter's effectiveness and the time between media replacements. So, with an eye toward constant improvement, the team this year covered the filter media with wire netting and ground nails to prevent wind erosion of the filter media (see below).



Complete filter replacement with wire netting.

**RR&R DEPARTMENT
Biosolids Management—July 2022**

RWHTF Total Wet Tons Applied 2022 YTD

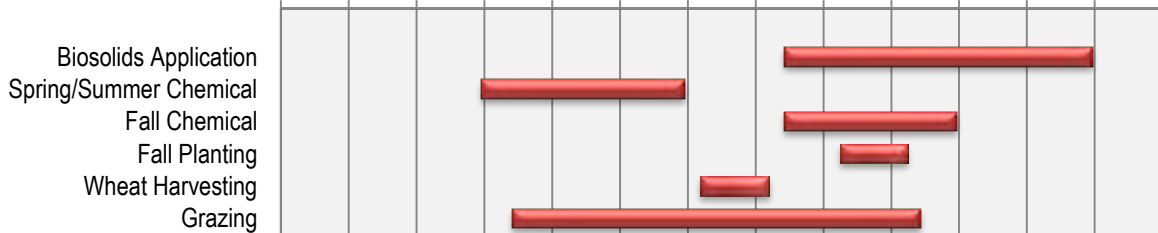


■ Private Farmer ■ METROGRO Farm

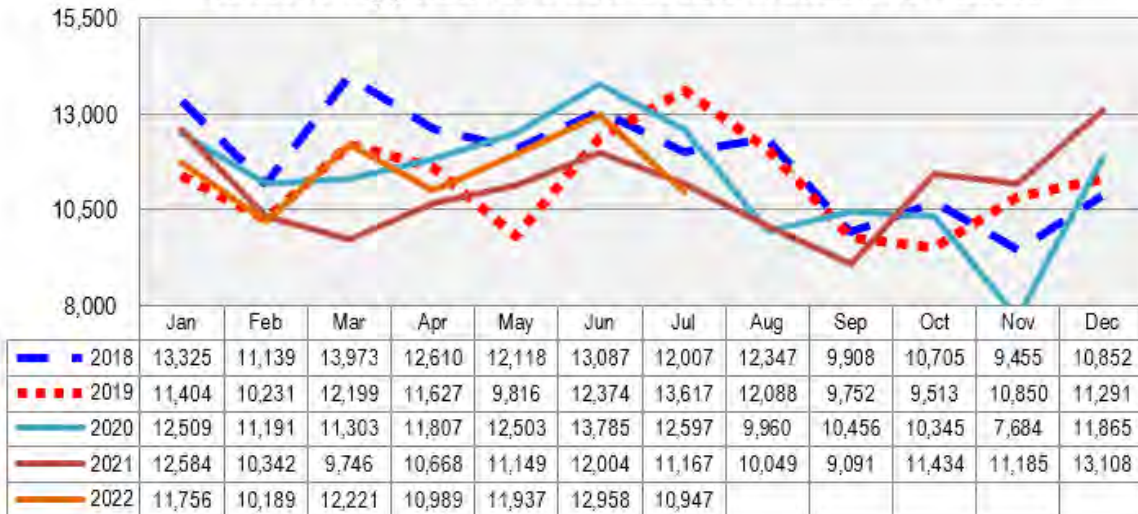
Dry Tons	June 2022	YTD 2022
RWHTF Biosolids		
METROGRO Farm	182	1,405
Private Farms	2,096	15,213
NTP Biosolids		
Private Composter	79	461
METROGRO Farm	0	163
METROGRO Cake (Total Solids)		
<i>(Percentage)</i>	RWHTF	NTP
Average	20.85	19.50
High	21.70	19.80
Low	20.20	18.90

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

METROGRO Farm Schedule 2022



RWHTF Applied Wet Ton Totals from 2018 - 2022



METRO WATER RECOVERY

Month End Financial Report July 31, 2022

Economic Update

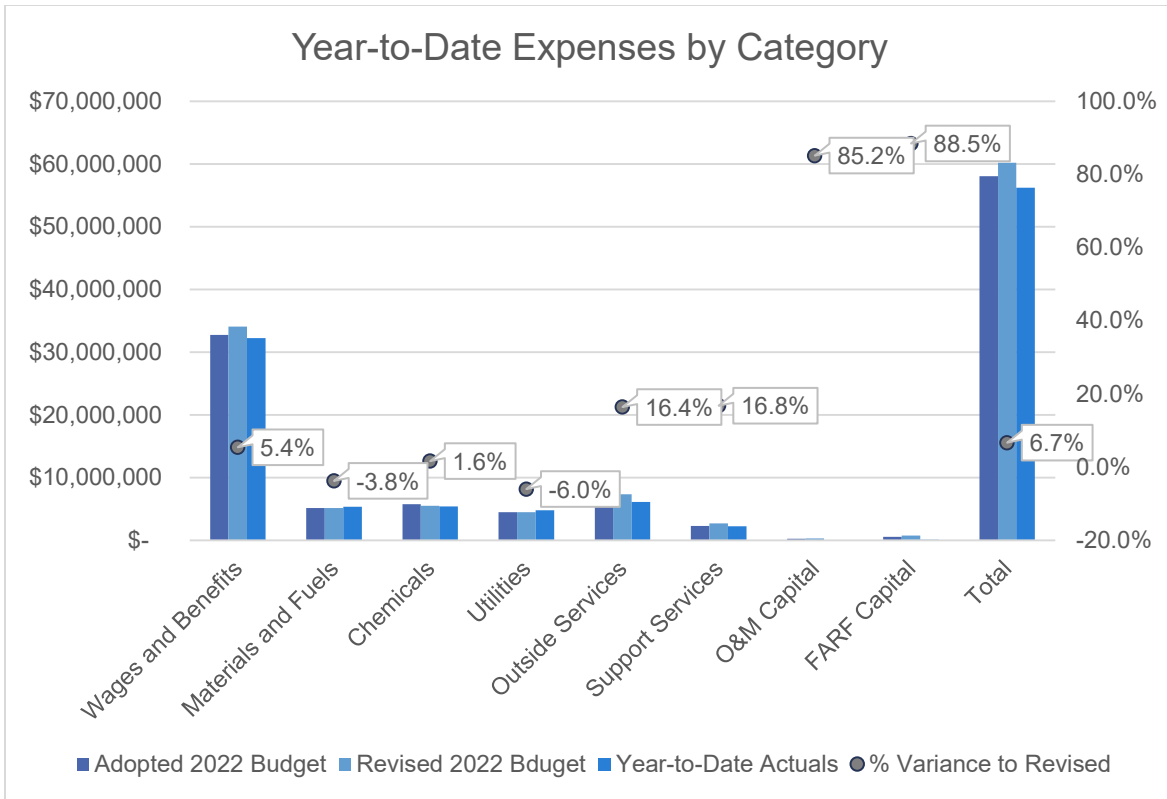
Metro Water Recovery continues to experience impacts from the current economic cycle. The Denver metro area continues to experience high inflation, 8.2 percent in July, which is around the national average. Food, services, and energy prices are driving much of the inflation. The Federal Reserve adopted an additional interest rate hike for the year at 75-basis points in late July and are predicted to continue with hikes through the rest of the year to try to combat inflationary prices. The Federal Reserve has not indicated at what point interest rate hikes will stop. Metro continues to experience higher prices for materials and fuels, chemicals, and escalation of capital project costs. Conversely, local and national unemployment rates remain low, which has led to labor shortages accompanied by higher-than-average turnover rates. In the operating budget for 2022, salaries savings from vacant positions are helping to offset higher prices in other categories. Additionally, some areas will need additional outside services to assist with vacant positions. Metro staff will continue to monitor operating and capital expenditures to ensure prudent management of resources while continuing to meet the organization's mission.

Operating Budget Summary

The Operations and Maintenance (O&M) Fund appropriation is an authorization by the Board of Directors for expenditures to meet Metro Water Recovery's day-to-day operating and capital expenses within the budget year. As part of the annual budget process, staff prepares a revised budget for the current year which reflects more recent cost projections for Metro operating expenses.

The adopted 2022 Budget, as approved by the Board in June 2021, totals \$99,144,223 for both O&M operating expenses and capital. The revised 2022 Budget totals \$102,600,003. Actual year-to-date expenses are compared to both the 2022 Budget and the revised 2022 Budget. O&M Capital represents new equipment and vehicles greater than \$10,000 and less than or equal to \$250,000.

The Board also approved \$952,500 for Fixed Asset Replacement Fund (FARF) capital equipment and vehicles for 2022. This was revised to \$1,252,500 during the revised budget process. The FARF appropriation is an authorization by the Board for expenditures for replacement equipment and vehicles greater than \$10,000 and less than or equal to \$250,000 within the budget year.



Through July 2022, Metro Water Recovery is reporting a favorable actual-to-adopted budget variance for O&M expenses and capital of \$1,375,924 (2.4 percent). The total Metro actual-to-adopted budget variance for all O&M and FARF expenses is favorable by \$1,855,833 (3.2 percent).

Through July 2022, Metro Water Recovery is reporting a favorable actual-to-revised budget variance for O&M expenses and capital of \$3,376,723 (5.7 percent) and the total Metro actual-to-revised budget variance for all O&M and FARF expenses is favorable by \$4,022,006 (6.7 percent).

Wages and Benefits actuals are favorable to the revised budget by approximately \$1.8 million (5.4 percent) primarily due to open positions across Metro Water Recovery.

Utilities are unfavorable to the revised budget by approximately \$270,000 (6.0 percent) primarily due to seasonal usage and rate increases.

Outside Services actuals are favorable to the revised budget by approximately \$1.2 million (16.4 percent) primarily due to the timing of those services.

Supports Services actuals are favorable to the revised budget by approximately \$450,000 (16.8 percent) primarily due to the timing of those services.

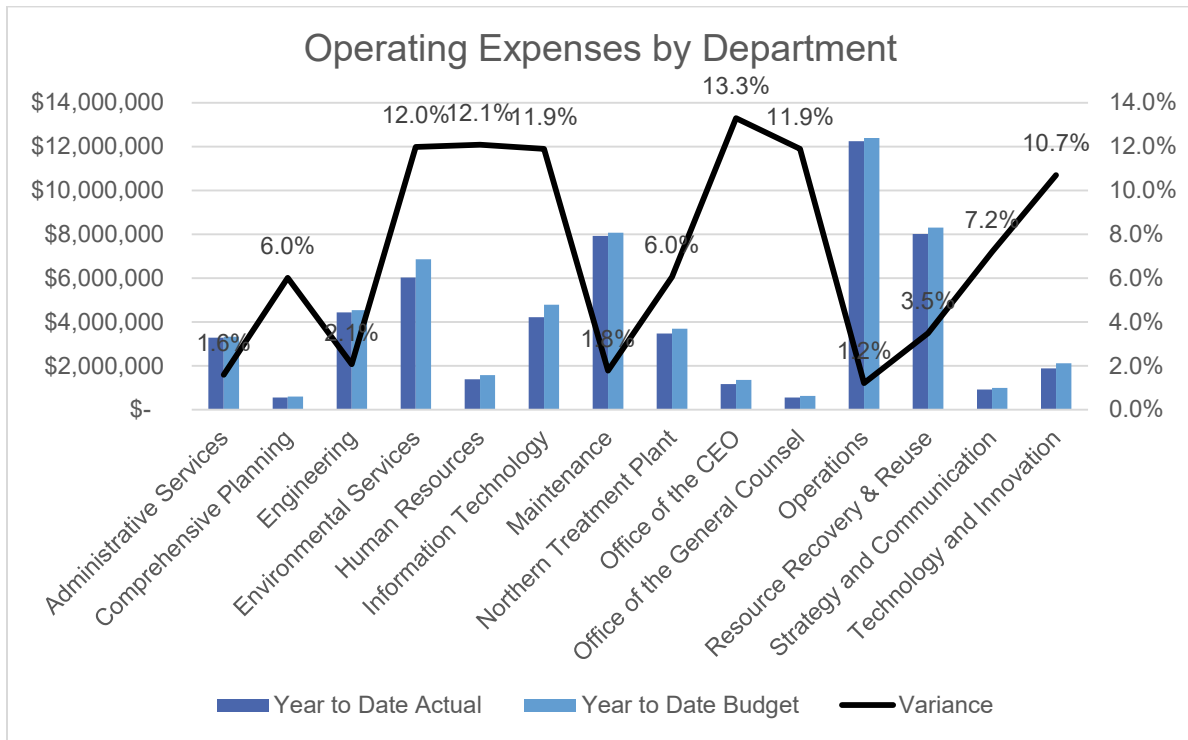
O&M Capital Equipment actuals are favorable to the revised budget by approximately \$260,000 (85.2 percent) primarily due to the timing of those purchases.

FARF Capital Equipment actuals are favorable to the revised budget by approximately \$650,000 (88.5 percent) primarily due to the timing of those purchases.

O&M Fund Summary

For the period ending July 31, 2022

	Month-to-Date Actual	Month-to-Date Revised Budget	Month-to-Date Variance	Year-to-Date Actual	Year-to-Date Revised Budget	Year-to-Date Variance
Operating Revenues						
Annual Charges for Service	\$ 11,512,470	\$ 11,512,470	\$ -	\$ 80,587,290	\$ 80,587,290	\$ -
Other Income	150,828	233,083	(82,255)	1,807,877	1,631,583	176,294
Total Operating Revenues	11,663,298	11,745,553	(82,255)	82,395,167	82,218,873	176,294
Operating Expenses						
Total Operating Expenses	8,017,998	8,357,345	339,347	56,061,669	59,179,102	3,117,433
Net Operating Income/(Loss)	3,645,300	3,388,208	257,092	26,333,498	23,039,771	3,293,727
Non-Operating Revenues						
Interest	278,178	194,814	83,364	1,550,673	1,363,699	186,974
Other	8,692	-	8,692	1,220,416	-	1,220,416
Total Non-Operating Revenues	286,870	194,814	92,056	2,771,089	1,363,699	1,407,390
Non-Operating Expenses						
Capital O&M	45,209	43,500	(1,709)	-	259,291	259,291
Net Revenues Over Expenses	3,886,961	3,539,522	347,439	29,104,587	24,144,179	4,960,408



Total Operating Revenues

Total operating revenues were favorable to the year-to-date *revised* budget for the seven months ending July 31, 2022 by approximately \$176,000 (0.2 percent). This is primarily due to the timing of miscellaneous revenue.

Total Operating Expenses

Environmental Services Department costs are favorable to the year-to-date *revised* budget by approximately \$820,000 (12.0 percent). Materials and Fuel is favorable primarily due to the timing of purchasing supplies. Outside Services is favorable primarily due to the timing of those services.

Information Technology Department costs are favorable to the year-to-date *revised* budget by approximately \$570,000 (11.9 percent). Wages and Benefits is favorable primarily due to open positions.

Resource Recovery and Reuse Department costs are favorable to the year-to-date *revised* budget by approximately \$290,000 (3.5 percent). Materials and Fuel is favorable primarily due to the timing of purchasing supplies. Outside Services is favorable primarily due to the timing of those services.

Net Revenues Over Expenses

Metro Water Recovery is reporting year-to-date Net Revenues Over Expenses at approximately \$5.0 million (20.6 percent) favorable to the year-to-date adopted budget for the O&M Fund. Net Revenues Over Expenses is calculated by subtracting operating and non-operating expenses from all operating and non-operating revenues. Metro is not held to the Net Revenues Over Expenses figure but uses it only as a reference point from year to year and for cash flow purposes.

The following table summarizes personnel at Metro Water Recovery.

	2022 Adopted Budget	2022 Revised Budget	2022 July Actual	Revised Budget Variances
Administrative Services	61.00	31.00	29.00	2.00
Comprehensive Planning	5.00	5.00	5.00	0.00
Engineering	48.75	48.75	45.75	3.00
Environmental Services	90.00	77.00	65.00	12.00
Human Resources	12.00	13.00	13.00	0.00
Information Technology	0.00	30.00	21.00	9.00
Maintenance	86.00	82.00	67.00	15.00
Northern Treatment Plant	23.00	25.00	19.00	6.00
Office of the CEO	5.00	7.00	7.00	0.00
Office of the General Counsel	3.00	3.00	3.00	0.00
Operations	41.00	41.00	37.00	4.00
Resource Recovery and Reuse	66.00	67.00	63.00	4.00
Strategy and Communications	9.00	10.00	9.00	1.00
Technology and Innovation	8.00	21.00	20.00	1.00
Totals*	457.75	460.75	403.75	57.00

* Of the 57 open positions, 54 positions are currently in the process of being filled and the other 3 positions are in various stages of review prior to initiating work on filling the position. In the revised 2022 Budget, several teams were moved from Environmental Services to Technology and Innovation, and Information Technology was formed as a separate department from Administrative Services.

Balance Sheet Summary

For the period ending July 31, 2022 (in thousands)

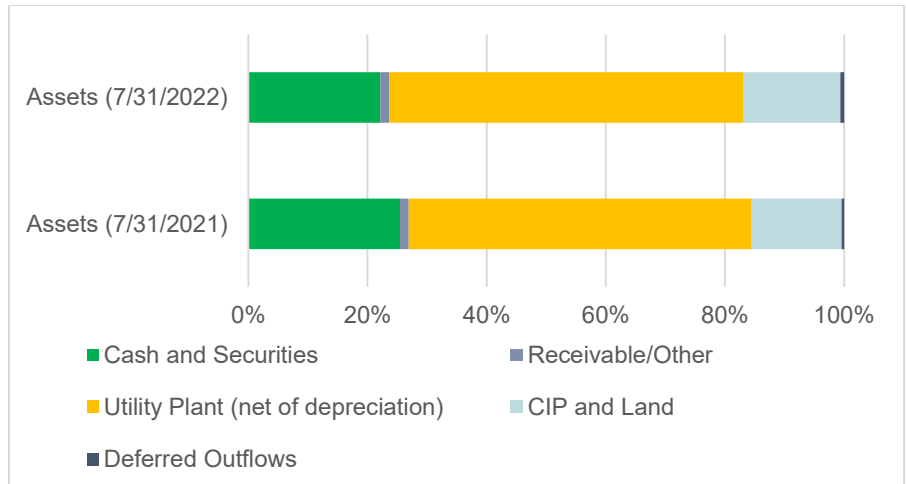
	July 2022	July 2021
Assets		
Cash and Securities	\$ 380,787	\$ 440,325
Receivables/Other	26,856	25,345
Utility Plant (net of depreciation)	1,023,892	998,372
CIP and Land	279,284	261,526
Deferred Outflows	10,855	7,066
Total Assets	1,721,674	1,732,634
Liabilities		
Payables	47,700	41,379
Long-term liabilities	640,853	672,480
Deferred Inflows	19,291	11,554
Total Liabilities	707,844	725,413
Equity		
Contributions in aid of construction (net)	132	146
Retained earnings, reserved	271,970	271,613
Retained earnings, unreserved	741,728	735,462
Total Equity	1,013,830	1,007,221
Total Liabilities and Equity	\$ 1,721,674	\$ 1,732,634

Assets

Cash and Securities - Assets includes cash and securities used to meet Metro Water Recovery's current obligations. Current assets have decreased in the last year due to the spend down of the 2020A Bond proceeds for the Second Creek Interceptor and Sand Creek Interceptor System Improvements Project (PAR 1232).

Utility Plant - Completed construction projects are transferred from Construction in Progress to Plant in Service when substantially completed and placed in active service. Utility plant assets increased in the last year due to the completion of several new fixed assets including the PAR 1225 South Headworks Improvement Project.

Construction in Progress - Records the cost of not-yet-completed construction work.

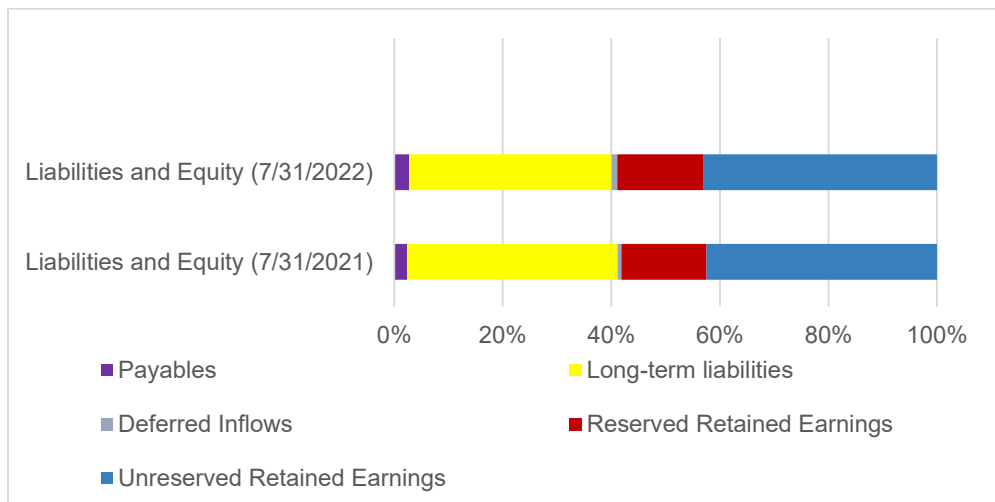


Liabilities and Equity

Long-Term Liabilities - In October 2020, Metro Water Recovery issued series 2020A Sewer Refunding Bonds for PAR amount of \$146,545,000. The issuance capitalized on favorable market conditions and interest rates and resulted in a premium on issuance of \$14 million. These bonds were issued to pay for the construction of the Second Creek Interceptor and Sand Creek Interceptor System Improvements Project (PAR 1232). As of April 30, 2022, the total amount of principal debt for Metro’s five outstanding bond issues is approximately \$595 million, which includes \$28.6 million principal and interest payments payable on April 1, 2023.

Reserved Retained Earnings - Reserved Retained Earnings represents the unexpended portion of capital project appropriations in the Acquisition and Construction Fund, General Fund, and FARF. A detailed listing of approximately \$272 million in unexpended capital appropriations can be found in the Capital Project Expenditures. As money is spent on projects, retained earnings no longer need to be reserved and an adjusting entry is made between Reserved and Unreserved balances.

Total Equity - Total Equity increased \$6.6 million from the July 2021 balance. This is mainly due to the net change in reserved and unreserved retained earnings.



Cash Flow – Trust Funds

For the 7 months ended July 31, 2022

	Operation & Maintenance Revenue	Bond	General	Sewer Connection Charges	Acquisition & Construction	Total
Sources of Funds						
Investment Income	\$ (6,319,714)	\$ (310,305)	\$ -	\$ -	\$ (402,297)	\$ (7,032,316)
Other, Net	-	(38,619,925)	-	-	-	(38,619,925)
	<u>(6,319,714)</u>	<u>(38,930,230)</u>	<u>-</u>	<u>-</u>	<u>(402,297)</u>	<u>(45,652,241)</u>
Uses of Funds						
Operating Expenses	2,360,974	-	-	-	-	2,360,974
Capital Expenditures	-	-	-	-	8,532,550	8,532,550
Bond Interest & Principal Payments	-	-	-	-	-	-
	<u>2,360,974</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>8,532,550</u>	<u>10,893,524</u>
Interfund Transfers						
Required Transfers	8,680,688	25,128,000	(2,196,112)	-	(18,780,545)	12,832,031
	<u>8,680,688</u>	<u>25,128,000</u>	<u>(2,196,112)</u>	<u>-</u>	<u>(18,780,545)</u>	<u>12,832,031</u>
Net Change in Cash & Securities	-	(13,802,230)	(2,196,112)	-	(27,715,392)	(43,713,734)
Beginning Cash & Securities, 1/1/2022	<u>25,786,056</u>	<u>38,717,496</u>	<u>214,735,311</u>	<u>25,000,000</u>	<u>120,261,867</u>	<u>424,500,730</u>
Ending Cash & Securities, 7/31/2022	<u>\$ 25,786,056</u>	<u>\$ 24,915,266</u>	<u>\$ 212,539,199</u>	<u>\$ 25,000,000</u>	<u>\$ 92,546,475</u>	<u>\$ 380,786,996</u>

The cash flow reflects all cash transactions occurring in each of Metro Water Recovery's trust funds. In order to account for cash and securities at their fair market value, investment income includes unrealized gains or losses. All cash received by Metro is initially deposited into one of these funds. The funds held in these trust funds are invested in accordance with Metro's investment policy. These investments sometimes are purchased at a premium or at a discount, based on market interest rates. Premiums and discounts are recorded in accordance with generally accepted accounting principles. Disbursements are made through the operating checking account.

Sewer Connection Charges

Sewer Connection Charges received in July 2022 for the second quarter of 2022 were approximately \$12.3 million (as compared to \$16.2 million for the same period in 2021). This is approximately \$3.6 million favorable to the adopted budget and \$365,000 favorable to the revised budget. Sewer Connection Charges for 2022 include the South Adams County Water and Sanitation District's \$1.6 million payment and the City of Brighton's \$1.1 million payment to Metro Water Recovery as part of the annual buy-in of existing connections in each member's service area. Sewer Connection Charges are due quarterly, with the third quarter of 2022 due October 15, 2022.

Capital Project Expenditures

As of July 31, 2022

	Appropriations			Expenditures			Appropriation Remaining	Transferred to Expense/ Fixed Assets
	2022	Prior Years	Total	2022	Prior Years	Total		
Acquisition and Construction Fund								
Treatment Facilities	\$ -	\$ 412,538,573	\$ 412,538,573	\$ 37,031	\$ 410,139,270	\$ 410,176,301	\$ 2,362,272	\$ 410,176,301
Transmission Facilities	-	167,203,417	167,203,417	34,225,839	53,593,839	87,819,678	79,383,739	1,337,136
	-	579,741,990	579,741,990	34,262,870	463,733,109	497,995,979	81,746,011	411,513,437
Fixed Asset Replacement Fund								
Treatment Facilities	1,010,000	150,718,833	151,728,833	2,236,825	135,528,866	137,765,691	13,963,142	87,839,131
Transmission Facilities	37,923,950	82,494,942	120,418,892	7,638,413	22,338,699	29,977,112	90,441,780	127,047
Other	7,667,000	33,149,000	40,816,000	1,262,736	21,915,351	23,178,087	17,637,913	18,606,979
Equipment	1,250,500	-	1,250,500	65,248	-	65,248	1,185,252	65,248
Small Projects	-	14,966,361	14,966,361	565,816	10,067,515	10,633,331	4,333,030	9,114,993
	47,851,450	281,329,136	329,180,586	11,769,038	189,850,431	201,619,469	127,561,117	115,753,398
General Fund								
Treatment Facilities	3,810,976	92,207,760	96,018,736	2,038,292	81,875,794	83,914,086	12,104,650	48,641,595
Transmission Facilities	10,534,750	26,722,625	37,257,375	316,889	16,618,799	16,935,688	20,321,687	1,926,768
Other	896,000	67,644,126	68,540,126	1,483,255	43,107,282	44,590,537	23,949,589	41,451,510
Small Projects	750,000	20,462,852	21,212,852	629,928	15,498,017	16,127,945	5,084,907	14,229,812
Reserve	-	-	-	-	-	-	-	-
	15,991,726	207,037,363	223,029,089	4,468,364	157,099,892	161,568,256	61,460,833	106,249,685
Total All Funds	\$ 63,843,176	\$ 1,068,108,489	\$ 1,131,951,665	\$ 50,500,272	\$ 810,683,432	\$ 861,183,704	\$ 270,767,961	\$ 633,516,520

NOTES TO THE FINANCIAL REPORTS

Basis of Accounting: All interim reports are unaudited and are prepared on the accrual basis with the exception of the Cash Flow report which is prepared on the cash basis.

O&M Fund Summary: This report is prepared on the accrual basis and details only the activity in the O&M Revenue Fund. The budgeted figures for the current month are calculated using 1/12 of the annual budget.

Annual Charges for Service are accrued each month at the year-to-date budgeted amount. They are collected in March, June, September, and December.

Other Operating Income consists of septic hauler charges and miscellaneous income.

Non-Operating Revenues-Other consists of miscellaneous non-recurring items.

Balance Sheet: The balance sheet is prepared on the accrual basis.

Utility Plant changes are made when substantially completed projects are transferred from Construction in Progress to Plant in Service. Depreciation and amortization are recorded monthly.

Other Accrued Liabilities represents utilities incurred but not billed, as well as other miscellaneous unbilled expenditures.

Retained Earnings-Reserved represents unspent appropriations as detailed on the Capital Project Expenditures report. Unexpended appropriations for reimbursable projects are included in Retained Earnings-Unreserved.

Cash Flow - Trust Funds: This report is prepared on the cash basis. Several line-item amounts will be different on this report (as compared to the other reports) because of the different accounting assumptions.

Capital Project Expenditures: This report is prepared on the accrual basis. It details the activity on capital projects and equipment for which there have been appropriations in the Acquisition and Construction, General, and Fixed Asset Replacement funds. As projects reach a 90 percent completion stage, they are transferred from a Construction in Progress account to a Fixed Asset account. The amount transferred to fixed assets is shown in the Transferred to Expense/Fixed Assets column. The General Fund and Fixed Asset Replacement Fund sections include summary information about small projects.

Attachments

Submitted by:

Molly Kostelecky
Chief Financial Officer

Paul Parodi
Senior Accounting Manager

**METRO WATER RECOVERY
O&M FUND SUMMARY REPORT
PRELIMINARY
FOR THE SEVEN MONTHS ENDED JULY 31, 2022**

	JULY ACTUAL	JULY BUDGET	JULY BUDGET VARIANCE FAVORABLE / (UNFAVORABLE)	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE BUDGET	YEAR-TO-DATE BUDGET VARIANCE FAVORABLE / (UNFAVORABLE)	REVISED 2022 BUDGET*
OPERATING REVENUES							
Annual Charges for Service	\$ 11,512,470	\$ 11,512,470	\$ 0	\$ 80,587,290	\$ 80,587,290	\$ 0	\$ 138,149,640
Land Application Income	41,197	19,333	21,864	84,709	135,333	(50,624)	232,000
Farming Income	0	176,250	(176,250)	1,167,309	1,233,750	(66,441)	2,115,000
Other Income	109,631	37,500	72,131	555,859	262,500	293,359	450,000
TOTAL OPERATING REVENUES	11,663,298	11,745,553	(82,255)	82,395,167	82,218,873	176,294	140,946,640
OPERATING EXPENSES							
Administrative Services	496,644	470,240	(26,404)	3,275,695	3,328,290	52,595	5,739,200
Comprehensive Planning	80,298	82,634	2,336	554,134	589,534	35,400	1,021,100
Engineering	635,114	635,246	132	4,438,822	4,532,495	93,673	7,852,300
Environmental Services	778,226	963,071	184,845	6,030,404	6,850,999	820,595	11,847,258
Human Resources	262,069	220,933	(41,136)	1,376,896	1,566,236	189,340	2,704,400
Information Technology	572,991	676,536	103,545	4,219,210	4,788,639	569,429	8,259,806
Maintenance	984,872	1,136,180	151,308	7,926,252	8,069,836	143,584	13,937,295
Northern Treatment Plant	505,585	523,787	18,202	3,471,496	3,694,912	223,416	6,362,750
Office of the CEO	166,697	189,346	22,649	1,168,339	1,347,434	179,095	2,322,775
Office of the General Counsel	83,044	88,825	5,781	554,526	629,375	74,849	1,085,800
Operations	1,698,528	1,762,093	63,565	12,240,862	12,390,667	149,805	21,292,850
Resource Recovery & Reuse	1,331,451	1,173,955	(157,496)	8,007,659	8,297,004	289,345	14,300,400
Strategy and Communication	147,318	138,226	(9,092)	914,547	985,372	70,825	1,705,596
Technology and Innovation	275,162	296,273	21,111	1,882,826	2,108,309	225,483	3,646,473
TOTAL OPERATING EXPENSES	8,017,998	8,357,345	339,347	56,061,669	59,179,102	3,117,433	102,078,003
NET OPERATING INCOME	3,645,299	3,388,208	257,091	26,333,498	23,039,771	3,293,727	38,868,637
NON-OPERATING REVENUES							
Interest	278,178	194,814	83,364	1,550,673	1,363,699	186,974	2,337,770
Other	8,692	0	8,692	1,220,416	0	1,220,416	0
TOTAL NON-OPERATING REVENUES	286,870	194,814	92,056	2,771,090	1,363,699	1,407,391	2,337,770
NON-OPERATING EXPENSES							
Capital O&M	45,209	43,500	(1,709)	45,209	304,500	259,291	522,000
NET REVENUES OVER EXPENSES	\$ 3,886,960	\$ 3,539,522	\$ 347,438	\$ 29,059,379	\$ 24,098,970	\$ 4,960,409	\$ 40,684,407

*Metro approved and implemented organizational structure changes, effective January 1, 2022. Based on this change, use of the 2022 Revised Budget allows for comparable analysis of operational results.

**METRO WATER RECOVERY
BALANCE SHEET
(UNAUDITED)
PRELIMINARY
AS OF JULY 31, 2022**

<u>ASSETS</u>	<u>July 2022</u>	<u>July 2021</u>
CURRENT ASSETS		
Revenue Fund Operating Accounts		
Cash and securities	\$ 25,786,056	\$ 24,518,373
Accounts Receivable	12,435,231	12,117,041
Accrued interest receivable	645,405	775,645
Materials and supplies inventories	7,129,943	6,532,838
Prepaid expenses	6,446,421	5,715,006
	<u>52,443,055</u>	<u>49,658,903</u>
Other Funds		
Cash and securities		
Sewer Connection Fees Account	25,000,000	25,000,000
Debt Service Fund	24,915,266	24,867,018
Fixed Asset Replacement Fund	-	20,000,000
General Fund	212,539,199	200,847,276
	<u>212,539,199</u>	<u>200,847,276</u>
TOTAL CURRENT ASSETS	<u>314,897,520</u>	<u>320,373,196</u>
ACQUISITION AND CONSTRUCTION FUND		
Cash and securities	92,546,475	145,091,836
Accrued interest receivable	199,801	204,850
	<u>92,746,277</u>	<u>145,296,687</u>
TOTAL ACQUISITION AND CONSTRUCTION FUND	<u>92,746,277</u>	<u>145,296,687</u>
UTILITY PLANT		
Plant in service	974,349,922	960,599,073
Equipment	702,683,407	642,905,790
	<u>1,677,033,329</u>	<u>1,603,504,863</u>
Less accumulated depreciation	<u>653,141,059</u>	<u>605,132,539</u>
	1,023,892,270	998,372,324
Construction in progress	232,439,992	215,782,507
Land	46,843,769	45,742,931
	<u>1,303,176,031</u>	<u>1,259,897,762</u>
TOTAL UTILITY PLANT	<u>1,303,176,031</u>	<u>1,259,897,762</u>
DEFERRED OUTFLOWS	<u>10,854,526</u>	<u>7,066,282</u>
TOTAL ASSETS	<u>\$ 1,721,674,353</u>	<u>\$ 1,732,633,927</u>

**BALANCE SHEET
(UNAUDITED)
PRELIMINARY
AS OF JULY 31, 2022**

	<u>July 2022</u>	<u>July 2021</u>
LIABILITIES		
CURRENT LIABILITIES		
Accounts Payable	\$ 2,784,573	\$ 1,440,797
Short term escrows - septic haulers	4,000	2,000
Accrued payroll & related benefits	4,493,841	4,497,889
Other accrued liabilities	<u>476,928</u>	<u>466,743</u>
	7,759,343	6,407,429
Restricted Special Funds		
Unearned revenue	4,492,535	0
Accrued interest payable	6,862,833	7,296,617
Current portion of long-term debt	<u>28,585,000</u>	<u>27,675,000</u>
TOTAL CURRENT LIABILITIES	<u>47,699,710</u>	<u>41,379,045</u>
ACQUISITION & CONSTRUCTION, FIXED ASSET REPLACEMENT AND GENERAL FUND		
Amount retained on contractor's estimates	(28,585,000)	(27,675,000)
	12,270,702	8,371,952
NET OPEB LIABILITY	12,273,631	11,900,947
NET PENSION LIABILITY	33,793,004	38,153,338
LONG-TERM DEBT		
Series 2009B Bonds	94,195,000	94,195,000
Series 2012A Bonds	-	10,535,000
Series 2019A Bonds	31,235,000	45,765,000
Series 2019B Bonds	323,345,000	325,955,000
Series 2020A Bonds	146,545,000	146,545,000
Bond Premiums/Discounts	<u>15,781,064</u>	<u>18,733,464</u>
	611,101,064	641,728,464
Less current portion	<u>28,585,000</u>	<u>27,675,000</u>
	<u>582,516,064</u>	<u>614,053,464</u>
TOTAL LIABILITIES	<u>688,553,111</u>	<u>713,858,747</u>
DEFERRED INFLOWS	19,290,601	11,553,877
EQUITY		
Contributions in aid of construction	230,165,639	230,165,639
Less depreciation	<u>230,033,867</u>	<u>230,020,117</u>
	<u>131,772</u>	<u>145,522</u>
Retained earnings		
Reserved	271,969,960	271,613,394
Unreserved	<u>741,728,909</u>	<u>735,462,387</u>
	<u>1,013,698,869</u>	<u>1,007,075,781</u>
TOTAL EQUITY	<u>1,013,830,641</u>	<u>1,007,221,303</u>
TOTAL LIABILITIES AND EQUITY	<u>\$ 1,721,674,353</u>	<u>\$ 1,732,633,927</u>

**METRO WATER RECOVERY
CASH FLOW - TRUST FUNDS
PRELIMINARY
FOR THE SEVEN MONTHS ENDED JULY 31, 2022**

	OPERATION & MAINTENANCE REVENUE	RESTRICTED SPECIAL FUNDS		FIXED ASSET REPLACEMENT	SEWER CONNECTION CHARGES	ACQUISITION & CONSTRUCTION	COMBINED 7/31/2022
		BOND	GENERAL*				
SOURCES OF FUNDS							
Investment Income **	(6,319,714)	(310,305)	0	0	0	(402,297)	(7,032,316)
Other, Net †	0	(38,619,925)	0	0	0	0	(38,619,925)
	<u>(6,319,714)</u>	<u>(38,930,230)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(402,297)</u>	<u>(45,652,241)</u>
APPLICATION OF FUNDS							
Operating Expenses	2,360,974	0	0	0	0	0	2,360,974
Capital Expenditures	0	0	0	0	0	8,532,550	8,532,550
Bond Interest & Principal Payments	0	0	0	0	0	0	0
	<u>2,360,974</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8,532,550</u>	<u>10,893,524</u>
INTERFUND TRANSFERS							
Required Transfers	8,680,688	25,128,000	(2,196,112)	0	0	(18,780,545)	12,832,031
	<u>8,680,688</u>	<u>25,128,000</u>	<u>(2,196,112)</u>	<u>0</u>	<u>0</u>	<u>(18,780,545)</u>	<u>12,832,031</u>
NET CHANGE IN CASH & SECURITIES	0	(13,802,230)	(2,196,112)	0	0	(27,715,392)	(43,713,733)
BEGINNING CASH & SECURITIES, 1/1/22	25,786,056	38,717,496	214,735,311	0	25,000,000	120,261,867	424,500,730
ENDING CASH & SECURITIES, 7/31/22	<u>\$ 25,786,056</u>	<u>\$ 24,915,266</u>	<u>\$ 212,539,199</u>	<u>\$ -</u>	<u>\$ 25,000,000</u>	<u>\$ 92,546,475</u>	<u>\$ 380,786,996</u>

* A minimum fund balance of 90 days operating expenses has been established for this fund.

**Investment income includes unrealized gains and losses as Metro adjusts investments to market value each month. Unrealized losses is rarely, if ever, realized as Metro typically hold the investments to maturity.

† Other, Net consists of amortization of premiums/discounts on bond purchases. The O&M Fund also includes Build America Bonds interest, Lab Services and farming.

**METRO WATER RECOVERY
CAPITAL PROJECT EXPENDITURES
July 31, 2022
ACQUISITION & CONSTRUCTION FUND**

PAR NUMBER	DESCRIPTION	APPROPRIATIONS			EXPENDITURES			7/31/22 UNEXPENDED APPROPRIATION	TRANSFERRED TO EXPENSE & FIXED ASSETS
		2022	PRIOR YEARS	TOTAL	2022	PRIOR YEARS	TOTAL		
	<u>ACQUISITION & CONSTRUCTION FUND</u>								
	OTHER								
1088	Northern Treatment Plant	\$0	\$412,538,573	\$412,538,573	\$37,031	\$410,139,270	\$410,176,301	\$2,362,272	\$410,176,301
	WASTEWATER TREATMENT								
1232	Sand Creek & Second Creek Basins Regional Plan		167,203,417	167,203,417	34,225,839	53,593,839	87,819,678	79,383,739	1,337,136
	A&C Fund Total	\$0	\$579,741,990	\$579,741,990	\$34,262,870	\$463,733,109	\$497,995,979	\$81,746,011	\$411,513,437

FIXED ASSET REPLACEMENT FUND

PAR NUMBER	DESCRIPTION	APPROPRIATIONS			EXPENDITURES			7/31/22 UNEXPENDED APPROPRIATION	TRANSFERRED TO EXPENSE & FIXED ASSETS
		2022	PRIOR YEARS	TOTAL	2022	PRIOR YEARS	TOTAL		
	FIXED ASSET REPLACEMENT FUND								
	OTHER								
1202	HID Lighting Improvements	\$0	\$3,340,600	\$3,340,600	\$454,421	\$2,725,195	\$3,179,616	\$160,984	\$2,725,195
1235	RWHTF Support Facilities Upgrade-2014		16,445,400	16,445,400	163,363	15,858,467	16,021,830	423,570	15,688,780
1362	Security Gates Replacement at Hite		410,000	410,000	0	374,946	374,946	35,054	193,004
1379	Annual Fixed Asset Replacement Priorities		11,728,000	11,728,000	315,962	2,465,305	2,781,267	8,946,733	0
1406	IT Infrastructure 2021		725,000	725,000	65,240	491,438	556,678	168,322	0
1409	IT Customer Experience Grouped Project 2021		500,000	500,000	43,070	0	43,070	456,930	0
1364	District Wireless Infrastructure	1,062,000	0	1,062,000	148,745	0	148,745	913,255	0
1396	NTP Primary Clarifier Cover Damage Repair	6,000,000	0	6,000,000	71,935	0	71,935	5,928,065	0
1419	IT Infrastructure 2022	605,000	0	605,000	0	0	0	605,000	0
	WASTEWATER TREATMENT								
1225	South Headworks & Grease Processing Improvements		50,048,600	50,048,600	484,111	48,225,124	48,709,235	1,339,365	48,225,124
1244	Solids Processing Improvements		58,052,000	58,052,000	1,569,845	47,930,522	49,500,367	8,551,633	774,000
1259	Digester Complex Rehabilitation Project		33,859,393	33,859,393	176,124	32,359,960	32,536,084	1,323,309	32,359,960
1333	TU-8 Load Center and Transformer Replacement		7,143,840	7,143,840	0	6,480,047	6,480,047	663,793	6,480,047
1368	Cogeneration Building and System Rehabilitation		800,000	800,000	3,079	524,184	527,263	272,737	0
1408	Potable Waterline Replacement	1,010,000	815,000	1,825,000	3,666	9,029	12,696	1,812,304	0
	Subtotal - ROBERT W. HITE Treatment Facility	\$8,677,000	\$183,867,833	\$192,544,833	\$3,499,561	\$157,444,217	\$160,943,779	\$31,601,054	\$106,446,110
	TRANSMISSION FACILITIES								
1340	Force Main and Siphon Condition Assesment & Cleaning		6,859,000	6,859,000	788,571	2,731,994	3,520,565	3,338,435	0
1312	Lift Station (TNW and DM) Fixed Asset Rehabilitation		41,726,000	41,726,000	1,976,753	3,117,019	5,093,772	36,632,228	127,047
1343	National Western Center Delgany Interceptor Relocation		9,196,451	9,196,451	0	7,009,403	7,009,403	2,187,048	0
1325	Transmission System Structure Rehabilitation 2020		4,008,316	4,008,316	267,824	774,659	1,042,483	2,965,833	0
1363	Interceptor Rehabilitation 2020-2022	17,550,000	18,262,000	35,812,000	3,814,674	7,784,999	11,599,673	24,212,327	0
1369	TSB FARs and Improvements	809,700	540,300	1,350,000	202,083	286,444	488,527	861,473	0
1265	Electrical Transmission Service Substation	19,564,250	1,902,875	21,467,125	588,508	634,181	1,222,689	20,244,436	0
	EQUIPMENT								
	FARF Equipment ≥ \$10,000 & ≤ \$250,000 *	1,250,500	0	1,250,500	65,248	0	65,248	1,185,252	65,248
	FARF Equipment ≥ \$250,000 *	0	0	0	0	0	0	0	0
	SMALL PROJECTS								
	Small FARF Projects/Studies (see Attachment for detail)	0	14,966,361	14,966,361	565,816	10,067,515	10,633,331	4,333,030	9,114,993
	Fixed Asset Replacement Fund Total	\$47,851,450	\$281,329,136	\$329,180,586	\$11,769,038	\$189,850,431	\$201,619,470	\$127,561,116	\$115,753,398

NOTE:

* The FARF Equipment Appropriations & Expenditures reflect current year information only.

**METRO WATER RECOVERY
FIXED ASSET REPLACEMENT FUND
SMALL CONSTRUCTION PROJECTS AND STUDIES
Project Inception through July 31, 2022**

<i>DESCRIPTION</i>	<i>DATE APPROVED</i>	<i>APPROPRIATION</i>
BOARD RESOLUTIONS - APPROPRIATIONS	VARIOUS	\$14,966,361
LESS: EXPENDITURES TO DATE	See Below	(10,633,331)
UNEXPENDED APPROPRIATIONS		<u>4,333,030</u>
LESS: COMMITTED EXPENDITURES ON ONGOING PROJECTS		(1,881,662)
UNCOMMITTED APPROPRIATIONS*		<u><u>\$2,451,368</u></u>
NOTE: BOARD APPROPRIATIONS ARE IN LUMP SUMS, THEY DO NOT APPROPRIATE AMOUNTS FOR INDIVIDUAL SMALL PROJECTS.		

<i>SMALL PROJECTS AUTHORIZED BY CHIEF EXECUTIVE OFFICER:</i>	<i>PROJECT NUMBER</i>	<i>DATE APPROVED</i>	<i>CEO'S AUTHORIZED COST</i>	<i>EXPENDITURES TO DATE</i>	<i>FUTURE COMMITTED COSTS</i>
Completed Small Projects			\$12,877,904	\$9,114,993	\$0
Less: Unexpended Appropriations on Completed Small Projects *			(\$3,762,911)		
Open Small Projects					
RWHTF Electric Gate Actuator Project	1271	09/08/15	250,000	192,697	57,303
RWHTF Hazmat Shelter-In-Place Rehabilitation	1347	8/13/18	250,000	225,531	24,469
RWHTF Radio System Upgrade Project	1350	11/20/18	250,000	169,956	80,044
Process Building Centrifuge VFD Replacement	1354	01/02/19	75,000	59,071	15,929
Digital Presence	1367	09/03/19	100,000	79,607	20,393
Pretreatment Database (PIMs) Replacement & CROMERR Portal	1372	11/20/19	250,000	24,920	225,080
Facilities Maintenance Satellite Facility Improvements	1374	02/27/20	150,000	3,525	146,475
Transformer and ARMS Standardization	1375	02/27/20	125,000	119,423	5,577
Office 365 Evolution	1377	07/07/20	100,000	55,450	44,550
Vital Records Update 2020	1384	09/16/20	50,000	27,600	22,400
Records Management System (RMS) Upgrade 2020	1389	11/12/20	50,000	3,450	46,550
Boardroom Refresh	1391	11/12/20	250,000	135,598	114,402
Asset Management Program Implementation	1405	06/14/21	250,000	32,796	217,204
HVAC High Priority Improvements	1392	07/13/21	250,000	159,865	90,135
North Secondary Upgrades and Intensification	1411	11/02/21	250,000	210,789	39,211
Admin Office Remodel 2021-2022	1412	12/7/2021	250,000	0	250,000
RWHTF Conduit Study	1413	02/15/22	250,000	0	250,000
EAM Business Process Study and Mobile	1415	03/01/22	250,000	18,060	231,940
PROJECT SUBTOTALS			<u>\$12,514,993</u>	<u>\$10,633,331</u>	<u>\$1,881,662</u>
Plus: Uncommitted Appropriations*			<u>\$2,451,368</u>		
TOTAL APPROPRIATED			<u><u>\$14,966,361</u></u>		

* As small projects are completed, the unused appropriations are reauthorized by the Chief Executive Officer for use on new small projects. This eliminates the need for Board approved rescissions and also reduces the need for Board approved replenishment of this account.

GENERAL FUND

PAR NUMBER	DESCRIPTION	APPROPRIATIONS			EXPENDITURES			7/31/22 UNEXPENDED APPROPRIATION	TRANSFERRED TO EXPENSE & FIXED ASSETS
		2022	PRIOR YEARS	TOTAL	2022	PRIOR YEARS	TOTAL		
	GENERAL FUND								
	WASTEWATER TREATMENT								
1225	South Headworks & Grease Processing Improvements	\$0	21,449,400	21,449,400	207,512	20,657,281	20,864,793	584,607	20,657,281
1244	Solids Processing Improvements		38,705,000	38,705,000	1,052,328	31,876,125	32,928,453	5,776,547	516,000
1280	Nuisance Struvite & Dewaterability Improvements		23,250,000	23,250,000	2,742	23,246,345	23,249,087	913	23,249,087
1314	RWHTF Peracetic Acid Full Scale Pilot		1,950,000	1,950,000	136,559	1,672,641	1,809,200	140,800	0
1333	TU-8 Load Center and Transformer Replacement		2,733,360	2,733,360	0	2,464,431	2,464,431	268,929	2,464,431
1357	Blower No. 8 Replacement		1,920,000	1,920,000	16,817	1,744,262	1,761,079	158,921	1,754,796
1400	Peracetic Acid Disinfection System Improvements	240,000	2,200,000	2,440,000	622,334	214,709	837,043	1,602,957	0
1395	Cogeneration Equipment Replacement	3,570,976	0	3,570,976	0	0	0	3,570,976	0
	Subtotal - ROBERT W. HITE Treatment Facility	\$3,810,976	\$92,207,760	\$96,018,736	\$2,038,292	\$81,875,794	\$83,914,086	\$12,104,650	\$48,641,595
	TRANSMISSION FACILITIES								
1232	Sand Creek & Second Creek Basins Regional Plan		25,698,000	25,698,000	0	16,277,317	16,277,317	9,420,683	1,926,768
1265	Electrical Transmission Service Substation	10,534,750	1,024,625	11,559,375	316,889	341,482	658,371	10,901,004	0
	ADVANCED TREATMENT								
	OTHER								
1088	Northern Treatment Plant		82,036	82,036	0	82,036	82,036	0	82,036
1182	Suncor-Management of Air Quality/Soil Contamination		2,430,000	2,430,000	10,444	2,218,444	2,228,888	201,112	2,226,999
1235	RWHTF Support Facilities Upgrade-2014		38,054,600	38,054,600	381,179	36,714,535	37,095,714	958,886	36,318,599
1348	6690 York St - Land Acquisition		410,000	410,000	0	404,713	404,713	5,287	404,713
1353	TSB Annex & Lab Storage Building Repurpose		1,800,000	1,800,000	181,873	1,588,199	1,770,072	29,928	0
1356	General Property Acquisition 2019-2022		1,500,000	1,500,000	2,809	794,575	797,384	702,616	764,790
1394	Partnership with Denver Water Concerning the Lead & Copper Rule Variance		22,500,000	22,500,000	750,000	750,000	1,500,000	21,000,000	1,500,000
1359	Evaluate and Enhance Metro District's Brand Identity		617,490	617,490	105,759	440,671	546,430	71,060	0
1402	Ditch Companies Litigation		250,000	250,000	51,191	114,109	165,300	84,700	154,373
1416	NTP Effluent Temperature	896,000		896,000	0	0	0	896,000	0
	SMALL PROJECTS								
	Small Projects, Studies, and Expend. (see Attachments for detail)	750,000	20,462,852	21,212,852	629,928	15,498,017	16,127,945	5,084,907	14,229,812
	RESERVE								
	Operating Reserve		0	0	0	0	0	0	0
	General Fund Total	\$15,991,726	\$207,037,363	\$223,029,089	\$4,468,364	\$157,099,892	\$161,568,256	\$61,460,833	\$106,249,685
	TOTAL ALL FUNDS*	\$63,843,176	\$1,068,108,489	\$1,131,951,665	\$50,500,272	\$810,683,432	\$861,183,705	\$270,767,960	\$633,516,520

NOTES:

* Of the \$633,516,250 transferred to expense or capitalized as fixed assets, only \$2,226,999 for the Suncor-Management of Air Quality/Soil Contamination, \$154,373 for the Ditch Companies Litigation \$2,221,001 for North Treatment Plant - BGLS, \$1,500,000 for the Partnership with Denver Water Concerning the Lead & Copper Rule Variance, \$9,477,576 Small Construction Projects and Studies and \$2,290,165 in Fixed Asset Replacement Fund Small have been expensed. All other amounts have been capitalized.

**METRO WATER RECOVERY
GENERAL FUND
SMALL PROJECTS, STUDIES, AND EXPENDITURES
Project Inception through July 31, 2022**

<i>DESCRIPTION</i>		<i>DATE APPROVED</i>	<i>APPROPRIATION</i>
BOARD RESOLUTIONS - APPROPRIATIONS		VARIOUS	\$21,212,852
LESS: EXPENDITURES TO DATE		See Below	(16,127,945)
UNEXPENDED APPROPRIATIONS			<u>5,084,907</u>
LESS: COMMITTED EXPENDITURES ON ONGOING PROJECTS			(3,061,867)
UNCOMMITTED APPROPRIATIONS*			<u><u>\$2,023,040</u></u>
NOTE: BOARD APPROPRIATIONS ARE IN LUMP SUMS, THEY DO NOT APPROPRIATE AMOUNTS FOR INDIVIDUAL SMALL PROJECTS.			

<i>SMALL PROJECTS AUTHORIZED BY CHIEF EXECUTIVE OFFICER:</i>					
	<i>PROJECT NUMBER</i>	<i>DATE APPROVED</i>	<i>CEO'S AUTHORIZED COST</i>	<i>EXPENDITURES TO DATE</i>	<i>FUTURE COMMITTED COSTS</i>
Completed Small Projects		VARIOUS	\$19,532,014	\$14,229,812	\$0
Less: Unexpended Appropriations on Completed Small Projects *			(\$5,302,202)		
Open Small Projects					
North & South Entry Gate Emergency Notification Improvement	1307	01/03/17	250,000	190,983	59,017
2018 North Secondary Pilot Program	1336	04/25/18	250,000	194,899	55,101
Dynamic Safety System	1355	01/31/19	200,000	180,530	19,470
Intellectual Property Program	1360	03/25/19	100,000	33,797	66,203
Fall Protection Infrastructure Improvements	1365	09/04/19	210,000	185,736	24,264
Innovation and Research Initiatives	1373	03/02/20	175,000	39,500	135,500
Facilities Maintenance Satellite Facility Improvements	1374	02/27/20	100,000	2,350	97,650
Transformer and ARMS Standardization	1375	02/27/20	125,000	119,423	5,577
NTP Effluent Pond Herbicide Treatment for Aquatic Nuisance Species	1381	06/10/20	75,000	73,111	1,889
NTP Post Startup Evaluation	1385	08/19/20	250,000	64,904	185,096
Legal Assistance Fund 1	1386	08/13/20	250,000	55,475	194,525
Legal Assistance Fund 2	1387	08/13/20	250,000	51,392	198,608
Education and Outreach Asset Update	1388	12/17/20	100,000	37,368	62,632
Aeration Control Strategy Review and Implementation	1390	12/22/20	250,000	0	250,000
Electric Fleet Vehicle Charging Infrastructure	1397	04/05/21	250,000	21,458	228,542
Effluent Temperature Compliance Study	1398	04/21/21	250,000	239,021	10,979
Support Facilities Master Plan	1399	04/05/21	250,000	106,804	143,196
Alternative Energy Evaluation	1401	05/05/21	75,000	200	74,800
Continuous Improvement Framework	1403	05/12/21	250,000	74,150	175,850
Solids Evaluation	1404	06/14/21	250,000	141,736	108,264
2021 Process Optimization	1410	10/07/21	250,000	23,122	226,878
Digital Screens	1414	02/15/22	50,000	0	50,000
Strategic Plan Update 2022	1417	03/15/22	250,000	0	250,000
Study of PFAS as related to Biosolids Land Application	1420	05/10/22	250,000	62,174	187,826
Dissolved Organic Nutrients Evaluation	1422	06/16/22	250,000	0	250,000
PROJECT SUBTOTALS			<u>\$19,189,812</u>	<u>\$16,127,945</u>	<u>\$3,061,867</u>
Plus: Uncommitted Appropriations*			<u>\$2,023,040</u>		
TOTAL APPROPRIATED			<u><u>\$21,212,852</u></u>		

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METRO WATER RECOVERY

Board of Directors Upcoming Events

Directors are provided information on upcoming events in the monthly committee meeting packets and Chief Executive Officer's Report in the Board packet. Any new information is shown in **bold italics**. Please add applicable meeting dates to your calendars.

<u>Date</u>	<u>Event/Location</u>
<i>Wednesday, September 21, 2022 TBD</i>	<i>METROGRO Farm Tour Specific details to follow</i>
Thursday, October 27, 2022 8 a.m. (breakfast served at 7 a.m.)	Fall Board Workshop <i>Northern Treatment Plant</i>
Thursday, November 3, 2022 9 a.m. or directly following Finance	Audit Committee Boardroom
Wednesday, November 9, 2022 TBD	Fall Metro 6.0 Town Hall TBD
Thursday, November 10, 2022 7:30 a.m. (breakfast served at 7 a.m.)	Defined Contribution Plan Retirement Board Boardroom
Thursday, November 10, 2022 2 p.m.	Defined Benefit Plan Retirement Board Boardroom
Tuesday, December 20, 2022 5 p.m.	Annual Employee Recognition Reception Prior to Board of Directors Meeting



METRO WATER RECOVERY

Fall Workshop

Thursday, October 27, 2022 8 a.m.

Northern Treatment Plant

Breakfast available at 7 a.m., Presentations
until approximately 2:30 p.m.

Thank you for your RSVP!

Please RSVP by Wednesday,
October 19, 2022 on
BoardEffect:
[RSVP Here](#)

**WASTEWATER TREATMENT ACRONYMS
METRO WATER RECOVERY**

ACRONYM	MEANING
40 CFR Part 503	FEDERAL REGULATIONS PERTAINING TO BIOSOLIDS
ADMMF	AVERAGE DAILY MAXIMUM MONTH FLOW
ATS	AUTOMATIC TRANSFER SWITCH
BDSF	BIOSOLIDS DEWATERING AND STORAGE FACILITY
BNR	BIOLOGICAL NUTRIENT REMOVAL
BOD	BIOCHEMICAL OXYGEN DEMAND
BTU	BRITISH THERMAL UNIT
CaRRB	Centrate and Return activated sludge Reaeration Basin
CBOD	CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND
CDPHE	COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVOIRONMENT
CDPS	Colorado Discharge Permit System
CECE	CUSTOMER EQUIVALENT CONNECTION UNIT
CG	gas chromatograph
CH4	methane
CIPP	cured-in-place pipe
CMAR	CONTRACT MANAGER AT RISK
CNG	COMPRESSED NATURAL GAS
CO	CARBON MONOXIDE
CO2	CARBON DIOXIDE
CO2e	CARBON DIOXIDE EQUIVALENT
COD	CHEMICAL OXYGEN DEMAND
CWQCC	Colorado Water Quality Control Commission
DAF	DISSOLVED AIR FLOTATION
D-B	design-build
D-B-B	DESIGN-BID-BUILD
DO	DISSOLVED OXYGEN
E.Coli	Escherichia coli
EMS	Environmental Management System
EPA	US ENVIRONMENTAL PROTECTION AGENCY
EPC	enhanced primary clarification
FOG	FATS, OILS, GREASE
GHG	GREENHOUSE GAS
GIS	geographical information system
GOX	Gaseous oxygen.
GPD	GALLON PER DAY
GPM	GALLONS PER MONTH
GPS	GLOBAL POSITIONING SYSTEM
H2	HYDROGEN
H2O	WATER
H2O2	hydrogen peroxide
HEX	HEAT EXCHANGER
HVAC	HEATING VENTILATION AIR CONDITIONING

JOC	JOB ORDER CONTRACT
LOX	Liquid oxygen
METROGROW	METRO WATER RECOVERY'S FARM IN BRIGHTON
MLSS	mixed liquor suspended solids
MLVSS	mixed liquor volatile suspended solids
N2O	NITROUS OXIDE
NAAQS	NATIONAL AMBIENT AIR QUALITY STANDARDS
NACWA	NATIONAL ASSOCIATION CLEAN WATER AGENCIES
NH3-N	AMMONIA
NOX	NITROGEN OXIDES
NPDES	National Pollutant Discharge Elimination System
NTP	NORTH TREATMENT PLANT IN BRIGHTON
PAA	PERACIDIC ACID
PAR	PROJECT ACTION REQUEST
PCS	process control system
pH	A term used to describe the acidity or alkalinity of a system
PWC	plant water chlorinated
RAS	RETURN ACTIVATED SLUDGE
RCRA	Resource Conservation and Recovery Act
RFP	REQUEST FOR PROPOSALS
RNG	RENEWABLE NATURAL GAS
RR&R	RESOURCE RECOVERY AND RESOURCE
RVO	RENEWABLE VOLUME OBLIGATIONS
RWHTF	ROBERT W HITE TREATMENT FACILITY
SBS	sodium bisulfite
SCC	Sewer Connection Charge
SFRE	SINGLE FAMILY RESIDENTIAL EQUIVALENT
SHC	sodium hypochlorite
SIU	significant industrial user
SO2	SULFUR DIOXIDE
SO3	SULFITE
SO4	SULFATE
SRT	solids retention time
SS	suspended solids
TKN	TOTAL KJELDAHL NITROGEN
TMDL	Total Maximum Daily Load
TS	TOTAL SOLIDS
TS	total solids
UV	ultraviolet disinfection
VE	value engineering study
VFA	volatile fatty acids
VFD	variable frequency drive
VOC	VOLATILE ORGANIC COMPOUND
WAS	waste activated sludge
WRRF	WATER RESOURCE RECOVERY FACILITY
XCEL	XCEL ENERGY