

NORTHWEST LAKEWOOD SANITATION DISTRICT

141 Union Boulevard, Suite 150
Lakewood, Colorado 80228-1898
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<https://nwlsd.us/>

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: April 26, 2023
TIME: 4:00 P.M.
PLACE: VIA Zoom

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

<https://us02web.zoom.us/j/81324290119?pwd=bUkzeTg3dlRSTWJFVUpLbTR5R0xWdz09>

Meeting ID: 813 2429 0119
Passcode: 700784
Dial In: 1-719-359-4580

I. ADMINISTRATIVE MATTERS

A. Review and approve Minutes of the March 22, 2023 regular meeting (enclosure).

B. Discuss and approve Re-Appointment of Clark Davenport as Representative for a two-year term from Northwest Lakewood Sanitation District to the Metro Water Recovery Board of Directors (enclosure).

II. PUBLIC COMMENT

A. _____

III. FINANCIAL MATTERS

A. Review and ratify approval of the payment of claims through the period ending April 30, 2023 as follows (enclosure):

General Fund	\$	29,818.18
Enterprise Fund	\$	19,138.73
Total:	\$	<u>48,956.91</u>

and accept the schedule of cash position as of March 31, 2023 (to be distributed); and the unaudited preliminary final financial statements for the period ending March 31, 2023; 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 (to be distributed).

IV. LEGAL MATTERS

- A. Update on 11324 West 38th Avenue

- B. Update on 2100 Youngfield Street, Lakewood, Colorado.

- C. Approve Amendment to Service Agreement with Westridge (enclosure).

V. OPERATIONS MATTERS

- A. Operations Monthly Report (enclosures).
 - 1. Discuss replacement software for locate ticket system.

- B. Engineer's Report (enclosure).
 - 1. Status of 2023 Capital Improvements.

 - 2. Discuss Flow Study.

VI. OTHER BUSINESS

- A. Metro Water Recovery Update (enclosures).

- B. Website update.

VII. ADJOURNMENT **THE NEXT REGULAR MEETING IS SCHEDULED FOR MAY 24, 2023.**

**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
MARCH 22, 2023**

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, March 22, 2023, 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:

Gregory A. “Greg” Fabisiak
Catherine “CiCi” Kesler
James D. “Jim” Zimmerman
Anthony M. Dursey
George C. 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

Brian Techau; Martin/Martin Consulting Engineers

**ADMINISTRATIVE
MATTERS**

Minutes: The Board reviewed the minutes of the February 22, 2023 Regular Meeting.

Following discussion, upon motion duly made by Director Kesler, seconded by Director Davenport, and upon vote, unanimously carried, the minutes of the February 22, 2023 Regular Meeting were approved.

**PUBLIC
COMMENTS**

None.

RECORD OF PROCEEDINGS

FINANCIAL MATTERS

Claims: Mr. Beck reviewed the claims through the period ending March 31, 2023 as follows:

General Fund	\$ 13,111.05
Enterprise Fund	<u>\$ 72,795.87</u>
Total	<u>\$ 85,906.92</u>

Following discussion, upon motion duly made by Director Zimmerman, seconded by Director Kesler and, upon vote, unanimously carried, the Board ratified the approval of the payment of claims for the period ending March 31, 2023.

Unaudited Financial Statement: Mr. Beck discussed the status of the 2022-year end financials and noted that he will send out the finalized version of the Financial Statements for review prior to the next meeting.

Following discussion, upon motion duly made by Director Davenport, seconded by Director Kesler and, upon vote, unanimously carried, the Board deferred the discussion of the financial statements to the April 2023 meeting.

LEGAL MATTERS

11324 West 38th Avenue: Attorney Flynn updated the Board that he is waiting on the final paperwork from Osbourne's to finish the Agreement.

May 2, 2023 Election: Attorney Flynn updated the Board that the Election has been cancelled. Directors Kessler and Fabisiak were re-elected. Oaths will be administered at or before the May 2023 meeting and will be filed with the County.

2100 Youngfield Street, Lakewood, Colorado: Attorney Flynn and Mr. Beck updated the Board on the status of property and liens.

Amendment to Service Agreement with Westridge: Attorney Flynn discussed with the Board the Amendment to the Service Agreement with Westridge has been approved and signed by Westridge. The Change is for the District to service ten (10) residences instead of nine (9).

Resolution to Change Tap Fees for 2023: Attorney Flynn and Mr. Beck discussed with the Board the Resolution to change the Tap Fees for 2023 and approve the revised fee schedule. It was noted that the change shall be effective April 1, 2023. It was noted that the only change is to make the District and Metro Water tap fees the same in the amount of \$5,120.00 each.

Following discussion, upon motion duly made by Director Kesler, seconded by Director Davenport and, upon vote, unanimously carried, the Board adopted the Resolution to Change the Tap Fees for 2023 and approved the revised fee schedule.

RECORD OF PROCEEDINGS

OPERATIONS MATTERS

Operations Monthly Report: Mr. Ramey discussed the monthly report with the Board. A copy of the report is attached hereto and incorporated herein by this reference.

Replacement of Software: Mr. Ramey reported to the Board that the vendors have not fully responded and the matter will be discussed at the April 2023 meeting.

Engineer's Report: Mr. Willis reviewed with the Board the engineering report dated March 22, 2023, discussed the Flow Study, the Flows and Loadings Report from Metro Water Recovery and the status of the 2023 CIP.

OTHER BUSINESS

Metro Water Recovery Update: Director Fabisiak discussed with the Board the Metro Water Recovery Update. Mr. Beck reported that Metro Water needs to reappoint Director Davenport before July 2023.

Director Davenport reported to the Board that there was an overflow due to the old engineering design. It was noted that there have been penalties due to the spreading of sludge and contaminants. The new EPA regulations are being passed down and will be very difficult to comply with and test for.

Attorney Flynn discussed changes in the standards for the regulations 31 and 38.

Website Update: Mr. Beck discussed with the Board the status and analytics report.

Flow & Loading Report: Mr. Beck discussed with the Board the Flow & Loading Report for 2022.

ADJOURNMENT

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

Respectfully submitted,

By _____
Secretary for the Meeting

March 20, 2023

Anthony Dursey, President
Northwest Lakewood Sanitation District
141 Union Boulevard, Suite 150
Lakewood, CO 80228

Dear Mr. Dursey:

On June 30, 2023, the term of office for Director Clark Davenport will expire.


Attached please find blank appointment form for either reappointing the Director listed above or appointing a new representative for the period July 1, 2023 to June 30, 2025.

It is a requirement of the Metropolitan Sewage Disposal Act (Section 32-4-509{3}) that "Board members shall be qualified electors who are qualified to vote at general elections in this state and who reside within the district and within the municipality from which they are appointed." The Act also requires all Directors be appointed for two-year terms.

Please return the completed appointment form to this office before June 1, 2023. This will allow the Oath of Office to be executed and added to the July Board of Directors meeting agenda. If you are appointing a new representative, please include their home address for the Oath of Office form and a phone number so we may contact them.

If you have any questions, please contact Yvonne Kohlmeier at 303.286.3358 or ykohlmeier@metrowaterrecovery.com.

Yours truly,



William J. "Mickey" Conway
Chief Executive Officer

Attachment

c. Clark Davenport

MC:yjk

APPOINTMENT

I, _____, Chair of the Board of Directors of the _____, by virtue of the authority vested in me by law, do hereby appoint _____ as this District's representative on the Board of Directors of Metro Water Recovery, to serve a term of two years, beginning July 1, 2023 and ending June 30, 2025 in accordance with the laws of the State of Colorado and the Bylaws of Metro Water Recovery.

Dated this _____ day of _____, 2023.

Chair

BOARD APPROVAL OF APPOINTMENT

It was moved by _____, seconded by _____, that the Chair's appointment of _____ to serve a term of two years as this District's representative on the Board of Directors of Metro Water Recovery be and the same hereby is approved.

The motion carried unanimously.

STATE OF COLORADO }
COUNTY OF _____ } §

CERTIFICATE

I, Secretary of _____, do hereby certify that the Chair of the Board of Directors of said District appointed _____ as said District's representative on the Board of Directors of Metro Water Recovery and that the foregoing "Appointment" is an excerpt from the minutes of the regular meeting of the Board of Directors held on the _____ day of _____, 2023, and I further certify that the foregoing motion approving said appointment was passed by the Board of Directors at the same meeting; that said motion of approval is part of the official minutes of said meeting; and that a quorum was present at all times during the meeting.

Dated this _____ day of _____, 2023.

(SEAL)

Secretary

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total
2699						
04/12/2023	Collins Cole Flynn Winn & Ulmer,	3444	Accounting	1-612	3,165.00	3,165.00
Total 2699:						3,165.00
2700						
04/12/2023	Colorado Community Media	81399	Election and Publication	1-635	19.52	19.52
Total 2700:						19.52
2701						
04/12/2023	Consolidated Mutual Water Co	7508	Repairs & Maintenance-L	4-740	200.00	200.00
Total 2701:						200.00
2702						
04/12/2023	Consolidated Mutual Water Co	2434 04/2023	Utilities	4-765	23.40	23.40
Total 2702:						23.40
2703						
04/12/2023	Freedom Mailing Services, Inc.	45037	Billing	1-616	2,200.47	2,200.47
Total 2703:						2,200.47
2704						
04/12/2023	Martin/Martin	17.0638-00242	Sewer Lines/Eng./Observ.	4-810	522.50	522.50
04/12/2023	Martin/Martin	17.0638-00245	Sewer Lines/Eng./Observ.	4-810	14,935.00	14,935.00
Total 2704:						15,457.50
2705						
04/12/2023	Pat Lombardi	F-5073	Website	1-677	200.00	200.00
Total 2705:						200.00
2706						
04/12/2023	Ramey Enviromental Compliance	25492	COS-Collection System	4-746	9,506.48	9,506.48
04/12/2023	Ramey Enviromental Compliance	25492	COS-Locates	4-742	4,345.65	4,345.65
04/12/2023	Ramey Enviromental Compliance	25492	COS-Emergency Service	4-748	383.55	383.55
04/12/2023	Ramey Enviromental Compliance	25492	COS-Maintenance	4-749	125.00	125.00
Total 2706:						14,360.68
2707						
04/12/2023	Special Dist Management Serv	03/2023	Office Supplies	1-690	105.87	105.87
04/12/2023	Special Dist Management Serv	03/2023	Election and Publication	1-635	224.00	224.00
04/12/2023	Special Dist Management Serv	03/2023	Accounting	1-612	4,736.00	4,736.00
04/12/2023	Special Dist Management Serv	03/2023	Billing	1-616	2,454.80	2,454.80
04/12/2023	Special Dist Management Serv	03/2023	Administration	1-614	5,573.60	5,573.60
Total 2707:						13,094.27
2708						
04/12/2023	UNCC	223030978	Repairs & Maintenance-L	4-740	236.07	236.07
Total 2708:						236.07

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total
Grand Totals:						<u>48,956.91</u>

Northwest Lakewood Sanitation District
April-23

	General	Enterprise	Totals
Disbursements	\$ 18,679.26	\$ 30,277.65	\$ 48,956.91
Payroll			\$ -
			\$ -
Payroll Taxes (Quarterly)	\$ -		\$ -
Direct Pay -- Consolidated Mutual Water	\$ -		\$ -
Total Disbursements from Checking Account	\$ 18,679.26	\$ 30,277.65	\$ 48,956.91

FIRST AMENDMENT
TO
SEWER SERVICE AGREEMENT

THIS FIRST AMENDMENT TO SEWER SERVICE AGREEMENT (“First Amendment”) is made and entered into this 21st day of March 2023, by and between the **NORTHWEST LAKEWOOD SANITATION DISTRICT** (“Northwest”), and the **WESTRIDGE SANITATION DISTRICT** (“Westridge”), each being a quasi-municipal corporation and political Subdivision of the State of Colorado located in the County of Jefferson (hereinafter sometimes singularly referred to as “District” or a “Party”, and collectively referred to as “Districts” or the “Parties”).

RECITALS

WHEREAS, unless otherwise stated herein, capitalized terms used in this First Amendment shall have the same meaning as in the Agreement; and

WHEREAS, on November 15, 2022, the Districts entered into a Sewer Service Agreement (“Agreement”) that continued a prior arrangement whereby, to avoid duplication of sanitary sewer mains, each District made its Out-of-District Facilities available to property where the other District had no existing sanitary sewer mains that could serve the property at a reasonable cost; and

WHEREAS, at the present time, there are nine (9) properties in Westridge that receive sewer service by connection to Northwest Out-of-District Facilities; and

WHEREAS, at the present time, there are no properties in Northwest that receive sewer service by connection to Westridge Out-of-District Facilities; and

WHEREAS, Paragraph 7 of the Agreement allows for new connections to each District’s Out-of-District Facilities, if the connection is approved in advance by the District whose Out-of-District Facilities will be connected to; and

WHEREAS, recently a property within Westridge commonly known and numbered as 11324 West 38th Avenue (“Requesting Property”), located within a portion of the East ½ of Tract 11, Brookside Subdivision, County of Jefferson, State of Colorado (“Tract 11”), requested permission to connect to a Northwest Out-of-District Facility; and

WHEREAS, Westridge has no wastewater facilities within or near the Requesting Property capable of providing wastewater service to the Requesting Property at a reasonable cost; and

WHEREAS, pursuant to the Agreement, Northwest currently serves another property (“Existing Property”) located within said Tract 11; and

WHEREAS, Westridge has requested that Northwest amend the Agreement to add the Requesting Property to the list of properties within Westridge that may connect to Northwest Out-of-District facilities;

WHEREAS, Northwest is willing to allow the Requesting Property to connect to Northwest Out-of-District Facilities upon satisfaction of the following two conditions: i) the sewer service line for the Requesting Property must connect directly to a manhole designated by Northwest; and ii) the owners of the Requesting Property and the owners of the Existing Property agree in a recorded written Agreement that Northwest is under no obligation to allow any further connections to its Out-of-District Facilities for the purpose of serving either the Existing Property or the Requesting Property, should either property be subdivided in the future; and

WHEREAS, Northwest's conditions are acceptable to Westridge and to the owners of the Requesting Property and the owners of the Existing Property; and

WHEREAS, the Parties desire to amend the Agreement to allow the Requesting Property, which is legally described on **Exhibit 1** to connect to Northwest Out-of-District Facilities.

NOW THEREFORE, in consideration of the mutual covenants and the terms and conditions set forth herein, the Districts agree as follows:

1. **New Exhibit A to the Agreement.** The Parties hereby agree that **Exhibit A** currently attached to the Agreement shall be deleted in its entirety and a new **Exhibit A** shall be substituted in its place, which new **Exhibit A** shows the Requesting Property is entitled to receive wastewater service from Northwest, pursuant to the Agreement by connection to Northwest Out-of-District Facilities. The Parties further agree that by allowing wastewater service to be provided to the Requesting Property, the total number of Westridge properties that are served by Northwest Out-of-District Facilities is increased from nine (9) to ten (10).

2. **Reaffirmance of Agreement.** The Parties agree that the Agreement shall remain in full force and effect, as amended by this First Amendment. In the event of any conflict between the terms and provisions of the Agreement and this First Amendment, this First Amendment shall control.

3. **Governing Law.** This First Amendment shall be governed by and in accordance with the laws of the State of Colorado.

IN WITNESS WHEREOF, Northwest and Westridge have caused this First Amendment to be executed effective as of the date written above.

**NORTHWEST LAKEWOOD
SANITATION DISTRICT**, a quasi-
municipal corporation and political Subdivision
of the State of Colorado


By: _____
Greg Fabisiak, President

Attest:

James D. Zimmerman, Secretary

WESTRIDGE SANITATION DISTRICT, a
quasi-municipal corporation and political
Subdivision of the State of Colorado

By: _____
Mark Bergman, President

Attest:


Ronald Galak, Secretary

EXHIBIT 1

Legal Description for Requesting Property

PARCEL D

THE EAST ONE-HALF OF TRACT 11, BROOKRIDGE EXCEPT THAT PORTION THEREOF DESCRIBED BY DEED RECORDED IN BOOK 1674 AT PAGE 115, COUNTY OF JEFFERSON, STATE OF COLORADO.

Also known and numbered as 11324 West 38th Avenue, Wheat Ridge
Colorado, 80033.

EXHIBIT A

Updated March 2023

Properties in Westridge Sanitation District served by Northwest Lakewood Sanitation District:

1. 3872 Nelson
2. 3885 Nelson
3. 3892 Nelson
4. 3905 Nelson
5. 4090 Nelson
6. 3205 Parfet Street
7. 11025 West 32nd Avenue
8. 11256 West 38th Avenue
9. 10551 West 41st Avenue
10. 11324 West 38th Avenue

Properties in Northwest Lakewood Sanitation District served by Westridge Sanitation District:

None, at the present time.



Northwest Lakewood Sanitation District

Monthly Report

March 1-31, 2023

Wed	3/1	Responded on site to a customer concern regarding a flipped manhole lid at Orchard Dr. & W. 15 th Ave. Responded onsite, outside of normal business hours, to 1 emergency locate for a gas main repair at 2105 Routt St. Responded on site, outside of normal business hours, to 1 emergency locate for a gas service replacement at 2110 Routt St. Performed 2 locates. Performed 1 bore meet locate.
Thurs	3/2	Performed 1 passing grease trap reinspection. Responded on site, during normal business hours, to 1 emergency locate for an electric service repair at 12022 W. 32 nd Ave. Responded on site, during normal business hours, to 1 emergency locate for an electric service repair at 12063 W. 31 st Pl. Responded on site, during normal business hours, to 1 emergency locate for an electric service repair at 3131 Union St. Performed 1 locate. Performed 1 bore meet locate.
Fri	3/3	Performed 5 locates.
Mon	3/6	Performed 2 passing and 1 failing grease trap re inspections. Responded onsite to give access to RG & Associates to the old WWTP at W. 41 st Ave. & Miller St. Performed 1 tap inspection at 2452 Braun Ct.
Tues	3/7	Performed 2 tap replacement inspections at 3099 Robb Cir. and 10851 W. 29 th Ave.
Thurs	3/9	Responded onsite to request for assistance from Martin & Martin in locating a manhole A-23A-1 at 3495 Quail St. Performed 1 bore meet locate.
Fri	3/10	Performed 1 locate. Performed 2 bore meet locates.
Mon	3/13	Responded on site in continuing to attempt to locate manhole at 3495 Quail St. A-23A-1 for Martin & Martin.
Tues	3/14	Performed 5 locates.

Wed 3/15 Responded on site to locate and unbury 2 manholes at 2140-2150 Willow Ln. at request of Martin & Martin.
Performed 1 locate.

Thurs 3/16 Performed 1 locate.
Performed 1 bore meet locate.

Fri 3/17 Responded on site to perform a dye test in continued effort to locate manhole A-23A-1 at 3495 Quail St.
Responded on site to complete the request of Martin & Martin to locate and unbury 2 manholes at 2140-2150 Willow Ln.
Performed 2 locates.

Thurs 3/23 Performed 1 work order.
Performed 1 locate.

Fri 3/24 Performed 2 locates.

Task #3 - Maintenance Services				
	Projected 2023 Footage	YTD Actual 2023 Footage	Current Monthly 2023 Footage	YTD Percentage 2023
	Zone B			
Jetting				
14" or Less				
15 or More"				
Easement				
Total Jetting	98,602.0	0.0	0.0	0%
Televising				
14" or Less				
15 or More"				
Total Televising	98,602.0	0.0	0.0	0%
Accelerated Maintenance				
Non-Routine Jetting				
Non-Routine Televising		130.0	130.0	
Hot Spot Jetting		758.0	758.0	0%
Hot Spot Televising				0%
Accelerated Jetting				0%
Annual Root Televising				0%
Annual Root Cut				0%
Annual Mineral Cleaning				0%
Annual Mineral Televising				0%
Total Accelerated Maintenance	0.0	888.0	888.0	0%
Total Length of Cleaning	98,602.0	758.0	0.0	1%
Total Length of Televising	98,602.0	130.0	130.0	0%
Total Task #3	197,204.0	1,776.0	1,018.0	1%

Northwest Lakewood Sanitation District
Summary for March 1-31, 2023

March 1, 2023

Orchard Dr. & W. 15th Ave.

Flipped Manhole Lid

On Wednesday, March 1, 2023, at 2:15pm, Ismael Gomez of REC. Inc. was contacted by Steve Beck of Northwest Lakewood Sanitation District regarding a flipped manhole lid at Orchard Dr. & W. 15th Ave. Ismael arrived on site and found the manhole lid flipped next to manhole P-11. Ismael observed the riser ring was broken and some of the pieces had fallen inside the manhole. Ismael proceeded to remove the broken ring, retrieved the broken pieces from inside the manhole and put the manhole lid back in place. Ismael took pictures of the manhole lid due to it setting a little offset in the asphalt. On one end it is below grade and the opposite end it sets flush with grade. Ismael departed the site, gave his findings to Mr. Beck, and Martin & Martin will have the manhole repaired. No further action is needed at this time.

Total time on this issue: Ismael Gomez – 1.25hrs.

March 1, 2023

2105 Routt St.

Emergency Locate

On Wednesday, March 1, 2023, at 7:00pm, Andrew George of REC. Inc. was contacted by Colo811 regarding an emergency locate for a gas main repair at 2105 Routt St. Andrew noted the locate ticket stated the gas was leaking and decided to make a site visit. Andrew arrived on site, met with Paulette Larsen (303-883-8784) of Xcel Energy, and determined there was not a District main located in front of this address. No further action is needed at this time.

Total time on this issue: Andrew George – .50hrs.

March 1, 2023
2110 Routt St.
Emergency Locate

On Wednesday, March 1, 2023, at 8:00pm, Andrew George of REC. Inc. was contacted by Colo811 regarding an emergency locate for a gas service replacement at 2110 Routt St. Andrew was already on site for another emergency locate for 2105 Routt St, so he met with Vern Scott (303-819-5693) of Superior Underground and informed him there was not a District main in front of this address. Andrew cleared Northwest Lakewood Sanitation District and departed the site. No further action is needed at this time.

Total time on this issue: Andrew George – 1.00hrs.

March 6, 2023
W. 41st Ave. & Miller St.
Give Access To Old WWTP

On Monday, March 6, 2023, at 10:15am, Ismael Gomez of REC. Inc. was contacted by Gamie Esparza of RG & Associates requesting access to the old wastewater treatment plant at W. 41st Ave. & Miller St. Mr. Esparza needed to locate some manholes that were going through the property. Ismael arrived on site, opened the gate, and assisted Mr. Esparza in locating the needed manholes. While onsite Ismael observed the fact that someone had tampered with the semi-covered open channels by piling giant boulders around it as well as removing part of the aluminum grates. These open channels pose a threat to the outfall line and need to be addressed. With the manhole location complete, Mr. Esparza and Ismael departed the site. No further action is needed at this time.

Total time on this issue: Ismael Gomez – 1.50hrs.

March 9 – 13 - 17, 2023
3495 Quail St.
Locate Connection to MH A-23A-1

On Thursday, March 9, 2023, at 8:30am, Ismael Gomez of REC. Inc. met on site with Sean Pearson of Martin & Martin at 3495 Quail St. to discuss where they thought MH A-23A-1 was tied into the District main, but could not confirm it at that time so Mr. Pearson requested Ismael video inspect the District main from MH A-24-1 to MH A-23-1B to see where MH A-23A-1 was connected.

On Monday, March 13, 2023, Ismael Gomez, and Andrew George of REC. Inc. arrived on site at 3495 Quail St. with the video van to perform the requested video inspection of the District main

at this location. They performed the inspection of the main from MH A-24-1 to MH A-23-1B for a total of 87ft. but could not confirm where MH A-23A-1 was tied into the main. They packed up the equipment and departed the site.

On Friday, March 17, 2023, Ismael Gomez, Andrew George, and Michael Carbajal all of REC. Inc. arrived on site at 3495 Quail St. to perform a dye test on MH A-23A-1 to determine where the dye would be seen and video that line. Andrew and Michael dumped the dye in the manhole and then saw the dye come through a Westridge manhole. They proceeded to place the video camera in MH A-23-1B-X and went upstream to MH A-24-1-X, for a total of 43ft., and at that time were able to confirm the connection with MH A-23A-1. There was not a line coming from the west as indicated on the map, there was only a line from the east. Ismael proceeded to locate the manhole and mark it. This manhole, A-24-1-X is buried approximately 24in. to 30in. deep. With the connection located, they proceeded to pack up the equipment and departed the site. Ismael turned his findings over to Martin & Martin. No further action is needed at this time.

Total time on this issue: Ismael Gomez – 6.00hrs.

Andrew George – 4.00hrs.

Michael Carbajal – 4.00hrs.

March 15 - 17, 2023

2140-2150 Willow Ln.

Locate and Unbury Manholes

On Wednesday, March 15, 2023, at 2:15pm, Ismael Gomez of REC. Inc. received an email from Kameron Kennedy of Martin & Martin requesting assistance in locating and exposing 2 manholes that are currently buried at 2140-2150 Willow Ln. Ismael arrived on site and proceeded to measure and poke around and found manhole B-36 but was unable to locate the second manhole B-37. Ismael departed the site and would return with assistance.

On Friday, March 17, 2023, at 11:00am, Ismael Gomez, Andrew George, and Michael Carbajal all of REC. Inc. arrived on site to locate the remaining buried manhole. They began measuring from the upstream and downstream manholes and were able to find and uncover the remaining manhole B-37. With both manholes now located, Ismael took pictures of them to show their locations, and everyone departed the site. Ismael turned his findings and the pictures over to Mr. Kennedy. No further action is needed at this time.

Total time on this issue: Ismael Gomez – 2.75hrs.

Andrew George – 1.50hrs.

Michael Carbajal – 1.50hrs.

UNCC Locates

Month: March 2023

District: Northwest Lakewood

Address	Locate Type	Date	Notes: What was located	Ticket Number
1164 Zang St.	2	2/27/2023	Gas Service Replace	A305801537-00A
1210 Youngfield St.	2	2/27/2023	Gas Service Replace	A305802338-00A
Wide Acres Rd. & Zang St.	3	2/27/2023	Gas Service Replace	A305801556-00A
W. 29th Ave. & Oak St.	1	2/28/2023	Sewer Service Repair	A305903115-00A
11922 W. 27th Dr.	1	2/28/2023	Anchors Install	A305900244-00A
3865 Parfet St.	1	2/28/2023	Comcast Drop Bury 12	A305900690-00A
12601 W. 32nd Ave.	2	2/28/2023	Gas Service New	A305900087-00A
12143 W. 31st Pl.	3	2/28/2023	Gas Service Replace	A305901749-00A
1737 Denver West Marriott Blvd.	1	3/1/2023	Gas Service New	A306002434-00A
11848 W. 36th Ave.	1	3/1/2023	Ground Rod Install	A306003528-00A
Colorado Mills Pkwy. & W. Colfax Dr.	1	3/1/2023	Fiber Main New	A306003048-00A
13320 W. 10th Ave.	1	3/1/2023	Retaining Wall New	A306003232-00A
3710 Parfet St.	1	3/1/2023	Window Well New	A306003377-00A
12103 W. 31st Pl.	1	3/1/2023	Sprinkler Repair/Foundation Repair/Sewer	A306002379-00A
2920 Ward Ct.	1	3/1/2023	Landscaping	A306000030-00A
3542 Wright St.	1	3/1/2023	Sewer Service Repair	A306000716-00A
3101 Union St.	2	3/1/2023	Electric Service Replace	A306002271-00A
3131 Union St.	2	3/1/2023	Electric Service Replace	A306002265-00A
12063 W. 31st Pl.	2	3/1/2023	Electric Service Replace	A306002257-00A
W. 26th Ave. & Taft St.	2	3/1/2023	Caissons Install	A306000477-00A
W. 32nd Ave. & Xenon St.	2	3/1/2023	Fiber Conduit New	A306001245-00A
2110 Rouff St.	2	3/1/2023	Gas Service Replace	A306003522-00A
2105 Rouff St.	2	3/1/2023	Gas Main Repair	A306003507-00A
1921 Youngfield St.	1	3/2/2023	Caissons Install	A306103357-00A
10925 W. 39th Ave.	1	3/2/2023	Sewer Service Repair	A306101781-00A
14200 W. Colfax Ave.	1	3/2/2023	Telco Conduit Repair	A306103012-00A
2452 Braun Ct.	1	3/2/2023	Sewer Service Repair	A306100249-00A
3085 Alkire St.	1	3/2/2023	Signs Install	A306102886-00A
3050 Quail St.	1	3/2/2023	Egress Window New	A306102955-00A
12022 W. 32nd Ave.	2	3/2/2023	Electric Service Repair	A306101231-00A
12063 W. 31st Pl.	2	3/2/2023	Electric Service Repair	A306100491-00A
3131 Union St.	2	3/2/2023	Electric Service Repair	A306100500-00A
2001 Kline St.	1	3/3/2023	H2O Main Repair	A306201614-00A
12143 W. 31st Pl.	1	3/3/2023	Landscaping	A306201544-00A
2202 Yellowstone St.	1	3/3/2023	Egress Window New	A306201762-00A
4041 Miller Way	1	3/3/2023	Fence Replace	A306202550-00A
4061 Miller Way	1	3/3/2023	Fence Replace	A306202549-00A
4071 Miller Way	1	3/3/2023	Fence Replace	A306202548-00A
4081 Miller Way	1	3/3/2023	Fence Replace	A306202539-00A
4031 Miller Way	1	3/3/2023	Fence Replace	A306202560-00A
4021 Miller Way	1	3/3/2023	Fence Replace	A306202561-00A
4011 Miller Way	1	3/3/2023	Fence Replace	A306202565-00A
3915 Miller St.	1	3/3/2023	Fence Replace	A306202582-00A
3921 Miller St.	1	3/3/2023	Fence Replace	A306202578-00A
3955 Miller St.	1	3/3/2023	Fence Replace	A306202575-00A
3965 Miller St.	1	3/3/2023	Fence Replace	A306202570-00A
4010 Miller St.	1	3/3/2023	Fence Replace	A306202568-00A
11082 W. 15th Pl.	1	3/3/2023	Caissons Install	A306200871-00A

0.50

0.25

2452 Braun Ct.	1	3/6/2023	Sewer Service Repair	A306500150-00A	
10120 W. 20th Ave.	1	3/6/2023	H2O Service Repair	A306500925-00A	
2740 Quail St.	1	3/6/2023	Comcast Drop Bury 12	A306500574-00A	
1435 Kingsbury Ct.	1	3/6/2023	Stump Grinding	A306500262-00A	
2834 Pierson Way	1	3/6/2023	H2O/Sewer Service New	A306503274-00A	
9999 W. 38th Ave.	1	3/6/2023	Soil Samples	A306502634-00A	
3250 Nelson St.	1	3/7/2023	Sewer Service Repair	A306601239-00A	
3099 Robb Cir.	1	3/7/2023	Sewer Service Repair	A306600108-00A	
2992 Oak St.	1	3/7/2023	Foundation/H2O/Sewer/Gas/Electric Service New	A306600365-00A	
3700 Parfet St.	1	3/7/2023	Egress Window New	A306600624-00A	
13992 W. 20th Pl.	3	3/7/2023	Gas Service Replace	A306600677-00A	0.5
2290 Hoyt St.	1	3/8/2023	Sewer Service Repair	A306700257-00A	
1255 Meadow Sweet Rd.	1	3/8/2023	Comcast Drop Bury 12	A306700697-00A	
3415 Quail St.	1	3/8/2023	Landscaping	A306701683-00A	
991 Wright Ct.	1	3/8/2023	Sump Pump New	A306701385-00A	
1710 Arbutus St.	1	3/8/2023	Ground Rod Install	A306702061-00A	
13250 Wide Acres Rd.	1	3/8/2023	Ground Rod Install	A306701674-00A	
905 Zinnia St.	3	3/8/2023	Fiber Main New	A306703928-00A	0.25
13181 W. 9th Ave.	3	3/8/2023	Fiber Main New	A306703955-00A	0.25
12103 W. 31st Pl.	1	3/9/2023	Sprinkler Repair/Foundation Repair/Sewer	A306800510-00A	
3530 Lee St.	1	3/9/2023	Sewer Service Repair	A306801191-00A	
W. Colfax Ave. & Urban St.	1	3/9/2023	Fiber Conduit New	A306802187-00A	
2140 Routt St.	1	3/9/2023	Retaining Wall New	A306800144-00A	
W. colfax Ave. & Urban St.	1	3/9/2023	Fiber Conduit New	A306802190-00A	
12143 W. 31st Pl.	2	3/9/2023	Gas Service Replace	A305901749-01A	
2136 Routt St.	1	3/10/2023	Geotechnical Drill	A306902499-00A	
13403 W. 21st Ave.	1	3/10/2023	Anchors Install	A306900471-00A	
2584 Devinney Ct.	1	3/10/2023	Fence Replace	A306900123-00A	
1255 Meadow Sweet Rd.	1	3/10/2023	Stump Grinding	A306900249-00A	
1300 Overhill Rd.	2	3/10/2023	Gas Main Replace	A306900778-00A	
1450 Overhill Rd.	2	3/10/2023	Gas Main Replace	A306900784-00A	
Union St. & W. 35th Ave.	2	3/10/2023	H2O Main Replace	A306900571-00A	
Urban St. & W. 35th Ave.	2	3/10/2023	H2O Main Replace	A306900458-00A	
Wide Acres Rd. & Hawthorne Rd.	2	3/10/2023	Fiber Conduit New	A306900201-00A	
2110 Routt St.	1	3/13/2023	Shoulder Restoration Work	A307201141-00A	
10840 W. 41st Pl.	1	3/13/2023	Fence New	A307203011-00A	
3163 O'Hayre Ct.	1	3/13/2023	Irrigation/Sprinklers New	A307201809-00A	
3400 Pierson St.	1	3/13/2023	Irrigation New	A307201652-00A	
W. 26th Ave. & Kipling St.	2	3/13/2023	H2O Main Replace	A307201959-00A	
3501 Clear Creek Dr.	1	3/14/2023	Foundations New	A307302536-00A	
2300 Urban St.	1	3/14/2023	Fence New	A307301884-00A	
Lee St. & W. 38th Ave.	1	3/14/2023	Engineering	A307301659-00A	
13844 W. 21st Ave.	1	3/14/2023	Sewer Service Repair	A307300296-00A	
12103 W. 31st Pl.	1	3/14/2023	Comcast Drop Bury 12	A307300579-00A	
11195 W. 26th Pl.	1	3/14/2023	Fence Replace	A307300580-00A	
10892 W. 28th Pl.	1	3/14/2023	Stump Grinding	A307300320-00A	
2125 Tabor Dr.	1	3/14/2023	Ground Rod Install	A307304029-00A	
12601 W. 32nd Ave.	2	3/14/2023	Gas Service New	A307301793-00A	
2419 Ward Dr.	2	3/14/2023	Engineering	A307301724-00A	
W. 32nd Ave. & Quail St.	3	3/14/2023	New Fiber Conduit Installation	A307302956-00A	0.75
2030 Willow Ln.	1	3/15/2023	Stump Removal	A307404091-00A	
13250 Wide Acres Rd.	1	3/15/2023	Ground Rod Install	A307401493-00A	
11670 Carmel Dr.	1	3/15/2023	Landscapint/Retaining Wall New	A307400865-00A	
2419 Ward Dr.	2	3/15/2023	Retaining Wall New	A307402530-00A	
W. Colfax Ave. & Simms St.	1	3/16/2023	Fiber Conduit New	A307500649-00A	
W. Colfax Ave. & Simms St.	1	3/16/2023	Fiber Conduit New	A307500637-00A	

3631 Miller Ct.	1	3/16/2023	Piers Install	A307503225-00A
2625 Kipling St.	1	3/16/2023	Caissons Install	A307502263-00A
2465 Iris St.	1	3/16/2023	Storm Drain Replace/Landscaping	A307503245-00A
I-70 & W. 32nd Ave.	1	3/16/2023	Bridge Replace	A307501748-00A
1768 Robb St.	1	3/16/2023	Electric Main Replace	A307502674-00A
W. 35th Ave. & Kline St.	1	3/16/2023	H2O Main Repair	A307503196-00A
1810 Willow Way	1	3/17/2023	Tree Planting	A307600247-00A
11195 W. 26th Pl.	1	3/17/2023	Fence New	A307600015-00A
2140 Rouff St.	1	3/17/2023	Retaining Wall New/Landscaping	A307601449-00A
1850 Alkire Ct.	1	3/17/2023	Sewer Service Repair	A307602512-00A
3695 Kipling St.	1	3/17/2023	H2O Valve Repair	A307600164-00A
1238 Orchard Rd.	1	3/18/2023	Backfill/Grading	A307700073-00A
3580 Nelson St.	1	3/20/2023	Sewer Service Repair	A307900254-00A
3570 Nelson St.	1	3/20/2023	Sewer Service Repair	A307900259-00A
1390 Hawthorne Rd.	1	3/20/2023	Stump Removal	A307900827-00A
2834 Pierson Way	1	3/20/2023	Comcast Drop Bury 12	A307900774-00A
12063 W. 31st Pl.	1	3/20/2023	Concrete Work	A307900503-00A
2166 Youngfield St.	1	3/21/2023	Electric Service Repair	A308003233-00A
3400 Pierson St.	2	3/21/2023	Grading Overlot/New H2O/Sanitary/Storm Pipe	A308004178-00A
17 Hillside Dr.	1	3/22/2023	Sewer Service Repair	A308101210-00A
12320 W. 38th Ave.	1	3/22/2023	Sewer Service Repair	A308100241-00A
3239 Robb St.	1	3/22/2023	Tree Planting	A308101690-00A
13489 W. 23rd Pl.	1	3/22/2023	Sprinklers New	A308103395-00A
1020 Zang St.	1	3/22/2023	Stump Removal	A308102751-00A
11702 W. 25th Ave.	1	3/22/2023	Post Holes New	A308104171-00A
W. 32nd Ave. & Alkire Ct.	1	3/22/2023	Install Pole	A308101467-00A
11205 Linda Vista Dr.	1	3/22/2023	Electric Conduit New	A308103630-00A
2131 Youngfield St.	1	3/22/2023	Stump Grinding	A308101604-00A
W. 20th Ave. & Youngfield St.	2	3/22/2023	Install Pole	A308100702-00A
13181 W. 9th Ave.	2	3/22/2023	Installing 2 Pole Down-Guys	A308101195-00A
13000 Willow Ln.	1	3/23/2023	Helical Piers Install	A308203747-00A
3400 Pierson St.	1	3/23/2023	Demolition	A308202521-00A
3265 Alkire Way	1	3/23/2023	Stump Grinding	A308203320-00A
W. 40th Ave. & Clear Creek Dr.	1	3/23/2023	Grading Overlot 10+ft. Deep	A308200564-00A
11020 W. 41st Pl.	1	3/23/2023	Sewer Service Repair	A308201363-00A
1043 Xenon St.	1	3/23/2023	Soil Samples	A308200739-00A
W. 40th Ave. & Clear Creek Dr.	1	3/23/2023	Grading Overlot 10+ft. Deep	A308200566-00A
W. 40th Ave. & Clear Creek Dr.	1	3/23/2023	Caissons Install	A308202046-00A
W. 40th Ave. & Clear Creek Dr.	1	3/23/2023	Caissons Install	A308202039-00A
1710 Zinnia Ct.	1	3/24/2023	Sewer Service Repair	A308300418-00A
W. 32nd Ave. & Alkire Ct.	1	3/24/2023	Install Pole	A308301829-00A
11743 W. 28th Ave.	1	3/24/2023	French Drain New	A308302664-00A
35 Hillside Dr.	1	3/24/2023	Tree Planting	A308302453-00A
10425 W. 38th Pl.	1	3/24/2023	Fence Replace	A308301696-00A
3860 Moore St.	1	3/24/2023	Fence Replace	A308301695-00A
3875 Miller Ct.	1	3/24/2023	Fence Replace	A308301681-00A
3865 Miller Ct.	1	3/24/2023	Fence Replace	A308301676-00A
3253 Pierson St.	1	3/24/2023	Helical Piers Install	A308301652-00A
11801 W. 32nd Pl.	1	3/25/2023	Telco Service Bury	A308400062-00A
3331 Oak St.	1	3/27/2023	Caissons Install	A308601667-00A
3087 Owens Ct.	1	3/27/2023	Sewer Service Repair	A308602260-00A
2300 Urban St.	1	3/27/2023	Demolition/Earth Works	A308600537-00A
13403 W. 21st Ave.	1	3/27/2023	Anchors Install	A308603806-00A
11965 Applewood Knolls Dr.	1	3/27/2023	Stump Grinding	A308601548-00A
11100 Linda Vista Dr.	1	3/27/2023	Foundation Addition	A308601401-00A
3061 Oak St.	1	3/27/2023	Concrete Work	A308602251-00A

2140 Rouff St.	1	3/28/2023	Invisible Fence New	A308700085-00A
W. 20th Ave. & I-70	1	3/28/2023	Electric Service New	A308701257-00A
3400 Pierson St.	1	3/28/2023	Fence Replace	A308700680-00A
10607 W. 31st Pl.	1	3/28/2023	Fence New	A308704088-00A
3131 Union St.	1	3/28/2023	Fence New	A308704064-00A
3620 Lee St.	1	3/29/2023	Sewer Service Repair	A308800224-00A
2533 Moore St.	1	3/29/2023	Gas Service New	A308801395-00A
7655 W. 29th Ave.	1	3/29/2023	Electric Trans New	A308800728-00A
11624 Applewood Knolls Dr.	1	3/29/2023	Fence New	A308802719-00A
1810 Zinnia St.	1	3/29/2023	Asphalt Patching	A308802951-00A
12650 W. 31st Ave.	1	3/29/2023	Fence Replace	A308803489-00A
W. 38th Ave. & Nelson St.	1	3/30/2023	H2O Main New	A308903292-00A
910 Alkire St.	1	3/30/2023	Installing 2 Down-Guys	A308903297-00A
2285 Iris St.	1	3/30/2023	Stump Grinding	A308903212-00A
3265 Alkire Way	1	3/30/2023	Stump Grinding	A308901066-00A
1255 Meadow Sweet Rd.	1	3/30/2023	Fence New/Removal/Replace/Repair	A308901614-00A
11773 W. 27th Dr.	1	3/30/2023	Landscaping	A308901088-00A

**Northwest Lakewood Sanitation District
Engineering Report
April 26, 2023**

2022 - Approximate Linear Footage

- 112,097 LF Total in Zone A Jetting Only
 - 37,265 LF Hot Spots which include Accelerated Maintenance, Mineral Cleaning, and Root Cut in all zones.
- M/M sent the requested photos, map, graph and Long-Range Plan to Roger Sherman along with a list of 2022 projects. 10/24/2022 – M/M requested CCTV files from REC in the PACP compatible format.

UPDATE: 04/26/2023 – None.

NWLSD Survey Project for Flow Study

Update: 04/26/2023 Field survey is complete and a few confirmations are being made with pipe slopes and MH alignments. Most flow information and existing data has been input into the model and calibration will now be started.

2023 Capital Improvements Design

Survey of system manholes along major trunklines for the Flow Study is underway. 11/23/2022 – MH survey is anticipated to be completed in late November. Input of data into the sanitary program will take place in December / Early January with anticipated report writing in February/March. 12/28/2022 – Flatirons completed initial review of the first round of field work, and sent a draft to M/M. 01/25/2023 – M/M was notified that the final file from Survey regarding the search for manholes will be complete in Early January. M/M received an updated proposal from SAM and Lamb-Star to include pipes QL-B and QL-A (10 test holes) with two separate areas of investigation within this scope/fee. Design continues. 02/22/2023 - M/M sent pdfs from our topo survey of the two areas to SAM for getting SUE locates. 03/22/2023 – Work progresses on the design with integration of the SUE locates and survey. Issues discovered with the MH cover at Orchard St. and W 15th Drive will be incorporated into the improvements package. REC has been assisting in uncovering MH's B-36 to B-37 as well as discovering the sanitary alignment around BF-17 and BF-16A. It was found that B-17 is buried along the eastside on the brick wall with 3 -4 ft of dirt, west of Clear Creek Drive. MM is coordinating to get this MH raised. Survey will take place to get coordinates and inverts of the MH's.

UPDATE: 04/26/2023 – M/M sent a list of pothole locations to SAM for required QL A locates. SAM sent back records of the pothole locations. Design is progressing for completion with each jurisdiction.

Southeast corner of Clear Creek Drive and Youngfield Service Road - Take 5 Carwash(4/12/2023)

Update:4/26/2023 – M/M received a referral from WR and has responded. A full design of the sand/oil separator(s) is required with a resubmittal.

12601 W 32nd – Valvoline 3-Bay Oil Change Facility – Hayley Bancroft (4/4/2023)

UPDATE: 04/26/2023 – Hayley sent the site plan and utility to M/M regarding developing a proposed 3-bay oil change facility at the NEC of Youngfield St and W 32nd St. M/M sent comments and additional information needed. M/M sent an availability letter and proof of submission, noting that resubmittal to address comments is required prior to connecting to the District Main. Cynthia Callaghan sent revised drawings showing the oil/water separator per M/M comments. M/M sent approved plans from NW Lakewood along with the Plan Acceptance Letter. Steve Beck emailed M/M related to existing credits for the overall shopping center development. Steve noted that the existing sanitary service was left in place to connect the new structure and that a 1" water tap credit exists. M/M responded that if the previous service is not used, they would need to abandon the tap at the mainline.



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. 06/22/2022 – Waiting on documentation, and information from the original surveyor in 2018. Additionally, the design for connection is still needed. 03/22/2023 -Tim Flynn sent proposed form of First Amendment to the existing Sewer Service Agreement between the Northwest Lakewood Sanitation District and the Westridge Sanitation District. Plans were sent for review of the MH connection. Review is on-going.

UPDATE: 04/26/2023 – M/M received the corrected version of the agreement that has been signed by Westridge. Tim Flynn is drafting an agreement between Northwest, Westridge, and the Osbornes that Northwest will not be issuing any additional taps for connection to the Interceptor in the future. Tyler sent the architectural, plumbing, isometric, and a plan for the main line from the house. Steve Beck sent Tyler a note regarding next steps saying that after he gets the engineering approvals and permits from the City and County, and the District approval on Design Documents he is good to begin construction, noting that once the tap has been made then M/M will schedule the inspection so that the excavations can be filled in ASAP. M/M added that the Developer is responsible for all construction costs as well as finding a Contractor to perform the work. M/M sent a referral letter regarding allowing the service to go straight into the manhole from a 6” service line and transition to a 4” service line 5’ away from the manhole extending to the residence.

2100 Youngfield – Land Use

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. 12/27/2022 – Tap fees are increasing, Steve notified Guy that if he waits to pay until 2023the price increases by about \$10,000. Guy made payment for Buildings 1 and 2, Steve will authorize time to have liens released on these two buildings. They are being marketed so the payment and release will allow them to be sold. Guy noted that they will complete the other three buildings in the July/August timeframe, and will pay for taps at that time. 01/25/2023 – Initial two building connection fees were paid and lien released for just the buildings paid for. 02/22/2023 – M/M sent sanitary drawings to Tim Flynn. A partial release of lien for lots 1-5 Block 1, and Lots 1-7 Block 2, was sent by Tim. Randal Craven sent the requested as-builts to M/M. The as-builts are acceptable with exception that one MH needs to be lined with epoxy due to less drop through the MH. 03/22/2023 – Completion of MH corrections, as-builts and plugging of the old line at Myrtlewood St. has been completed and conditional acceptance can take place when a warranty Bond is submitted. As the Warranty Bond is needed, a temporary certificate of occupancy was suggested until requirements were met.

UPDATE: 04/26/2023 – M/M reached out to Guy regarding getting a warranty bond in place for the sanitary work so M/M can issue conditional acceptance and commence the 1 year warranty period. Tim Flynn has noted a couple of additional requirements that needs to be added to the letter of credit and we await the revision to issue conditional approval. Steve B. is in process of explaining the billing process needed for the complex.

3123 and 3143 O’Hayre Court, Lakewood CO – Combined Lot Project Garage/Barn/Loft ADU - 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. 10/24/2022 – M/M received a response to submitted comments from RevolveDesign-Build. M/M requested plans submitted directly to us when available to expedite the process and proof letter. 01/25/2023 – Gary updated M/M of the progress of their construction documents being submitted, and noted that they are working with Consolidated mutual to get the water and sewer availability form. Plans still need to be submitted. 02/22/2023 – M/M received the sewer service availability form, the schematic design for the home/site, service availability, as well as a copy of the replat. M/M sent the completed sewer service availability form.



UPDATE: 04/26/2023 – Gary Wegher reached out to M/M about the existing main sewer line depth, M/M sent NWLW’s utilities exhibit. Gary sent an email to M/M regarding proposing a sink and toilet in the garage/barn and asked if there would be a tap fee. M/M responded requesting plans for the garage/barn, noting that a separate building should have its own service connecting to the District main and that yes a separate building requires a connection fee.

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. We are verifying if other tenants will have need for grease interceptor but this appears to be a simple project with no effect on sanitary. 01/25/2023 – We have now been informed that the renovation of the building will be a restaurant. Concept plans are needed for review and an estimate of fee deposit was noted for Grease Interceptor review. 03/22/2023 -M/M sent a referral letter for this Project. M/M was informed of a request for approval of a Specific Development Plan (SDP) amendment and Special Use Permit for a drive-thru restaurant (Wendy’s).

UPDATE: 04/26/2023 – M/M sent GIS-PDF of the mainlines in the vicinity of the property, two tap cards, and a copy of the referral from the City to Andrew Pires with Galloway. Tye Cooley with Schier Products informed M/M of an inquiry of a grease interceptor for this Project and wanted M/M to review and approve. M/M responded that an additional fee is required for review of the grease interceptor and requested additional information on the kitchen equipment.

3234 Taft Court – Ann Berlin -ADU Living Area in Basement (03/07/2023)

03/22/2023 – M/M was informed that Ann Berlin is updating her basement to an ADU, there is already a bathroom, but she is adding a laundry, kitchen and a new exterior entrance. A connection fee is needed, as well as the double FRSF. Tim Flynn is going to work on a common sewer service agreement. M/M requested Site plan, Architectural drawings, and Plumbing drawings for review.

UPDATE: 04/26/2023 – The developer asked again about what is needed for submission to get approvals for the basement ADU. We again requested more detailed plans and informed that they would need to request a variance for common service line.

10925 W 32nd Avenue – Dan Kraus -Sanitary Sewer Survey (03/02/2023)

03/22/2023 – Dan Kraus reached out to M/M regarding the Survey done at his property, he attached the Survey with the Parcel highlighted. A Project kickoff meeting was held to discuss the two existing residences and improvements that would add an ADU to each, A third lot is also planned for another residence with an ADU. Connection Fees were discussed.

UPDATE: 04/26/2023 – None.

CMWC Fence Relocation and Ditch Stabilization – Consolidated Mutual Water Company Office Parcel (12/22/2022)

1/25/2023 – M/M received prelim plans from Andy Rogers, noting that COL has provided some prelim comments, but COL doesn’t intend to send the plans for referral. M/M responded with initial comments on the layout plan for the fencing and wall. M/M noted that our main goal is to maintain quick access to MH’s along the Ditch.

UPDATE: 04/26/2023 – None.

2300 Urban St – Stober Elementary – Joseph C. Prinster - Topographic (9/8/2022)

02/22/2023 - M/M received plans for the new addition at Stober Elementary from Joseph Prinster. They are not increasing water meter size, adding a meter, modifying the sanitary sewer service, or changing the Kitchen to an extent the grease interceptor needs to be evaluated, so no inspection is required unless any work will be within 10’ of the mainline.



UPDATE: 04/26/2023 – 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. 11/23/2022 – M/M sent out a referral letter.

UPDATE: 04/26/2023 – 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: 04/26/2023 – 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: 04/26/2023 – 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: 04/26/2023 – None.

Miscellaneous

- John Sponseller reached out regarding a fire that damaged the stand-alone bathroom outside of the Good Time at 32nd and Youngfield. Wheatridge building is requiring a proof that John reached out to M/M and M/M determined that the Project did not need to be reviewed by sanitation and a letter was sent that no further review is necessary.
- M/M is working on updating mapping northwest of the Quail St cul-de-sac Site visits by MM and REC and CCTV of the line was not feasible to identify sanitary alignments in the area. We are now suggesting REC perform a dye test to verify certain sanitary connections and flow alignment.
- **04/26/2023 – M/M sent flow projections for NWLSD, to the District to forward to Metro. M/M suggested the District go a bit higher than last year as not even 3 years ago the measurements were much greater.**

METRO WATER RECOVERY

Board of Directors Meeting

Tuesday, March 21, 2023

The regular monthly meeting of the Board of Directors of Metro Water Recovery will be held Tuesday, March 21, 2023 at 5:30 p.m. in the Administration Building Boardroom.

The **Agenda** will be as follows:

1. ROLL CALL

2. PUBLIC COMMENT

3. APPROVAL OF MINUTES

Minutes of the Board of Directors Meeting on February 21, 2023 (*Tab No. 1*)

4. PROGRESS AND PROJECTION REPORTS

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

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

5. REPORTS OF OFFICERS AND COMMITTEES

6. NEW BUSINESS

Consent Agenda

6.a **Consideration of Electrical Transmission-Level Service Substation Project (PAR 1265) Adams County 1041 Permit/Intergovernmental Agreement** [Recommended O/F/E] (*Tab No. 4*)

6.b **Consideration of 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) Professional Study Services Agreement and Appropriation** [Recommended O/F/E] (*Tab No. 5*)

6.c **Consideration of Adoption of the Second Amended 2022 Annual Budget** [Recommended O/F/E] (*Tab No. 6*)

Roll Call Agenda

6.d **Consideration of Appropriation of Funds in Accordance with the Second Amended 2022 Annual Budget** [Recommended O/F/E] (*Tab No. 7*)

7. INDIVIDUAL DIRECTOR COMMENTS

8. OTHER INFORMATION

9. ADJOURNMENT

Andrew Johnston
Chair

Committee Meeting Minutes in Chronological Order (*Tab No. 8*).

MC:rak/lmn

METRO WATER RECOVERY

Board of Directors Meeting

March 21, 2023

Action Items—Committee Recommendations

1. Consideration of Electrical Transmission-Level Service Substation Project (PAR 1265) Adams County 1041 Permit/Intergovernmental Agreement

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

2. Consideration of 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) Professional Study Services Agreement and Appropriation

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

3. Consideration of Adoption of the Second Amended 2022 Annual Budget

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

4. Consideration of Appropriation of Funds in Accordance with the Second Amended 2022 Annual Budget

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

February 21, 2023

The Board of Directors of 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, February 21, 2023 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
Greg Baker, Aurora
Nadine Caldwell, Aurora
John Chavez, Berkeley
David Councilman, Pleasant View
Deborah Crisp, East Lakewood*
Clark Davenport, Northwest Lakewood*
James DeHerrera, Aurora
Robert Duncanson, Denver
Mary Gearhart, Denver
Joan Iler, Westridge*
Janet Kieler, Denver
Craig Kocian, Arvada
Laura Kroeger, Lakewood
Doug Lazure, Denver*
Bob LeGare, Aurora

Charles Long, Thornton
Martin Majors, Fruitdale*
Charlie Miller, Fort Lupton*
Jamie Miller, North Table Mountain*
Steve Pott, Applewood
Bill Ray, Arvada
Bob Roth, Aurora*
Kim Schoen, Brighton
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:

Peter Baertlein, Denver
Phil Burgi, Wheat Ridge

*Attended virtually

Others Present:

Mickey Conway
Emily Jackson
Liam Cavanaugh
Dawn Ambrosio
Ruth Kedzior
Muzit Kiflai
Yvonne Kohlmeier
Lydia Nkem

Chief Executive Officer (CEO)
General Counsel
Deputy CEO/Chief Operating Officer (COO)
Director of Strategy and Communications
Assistant to the CEO
Senior Continuous Improvement Manager
Senior Administrative Assistant
Executive Assistant

2. PUBLIC COMMENT

There was no comment.

3. APPROVAL OF MINUTES

3.a Minutes of the Board of Directors Meeting on January 17, 2023

Chair Johnston asked if there were any corrections, deletions, or additions to the minutes of the Regular Meeting of the Board of Directors held January 17, 2023.

Director Younger moved and Director Kieler seconded the motion to approve the minutes of the Regular Meeting of the Board of Directors held January 17, 2023.

The motion carried unanimously.

4. PROGRESS AND PROJECTION REPORTS

4.a Report by CEO

CEO Conway reviewed his written report, highlighting the 2022 CEO Listening Tours employee feedback; the February 22, 2023 Metro Talks CEO Edition session with Board Chair Johnston and employees for a discussion on *Metro: Who We Are And How We Got Here*; upcoming Gold Awards recognizing Industrial Users who have met all pretreatment requirements, which will be in person for the first time since the COVID-19 pandemic; Metro Water Recovery being featured in news stories by FOX31, Channel 9, and newspapers for receiving a National Environmental Achievement Award from the National Association of Clean Water Agencies (NACWA) for the South Platte River Aquatic Life/Habitat Improvements Project; and the second Annual Charge Presentation to be held on March 8, noting anyone interested in attending should contact Ms. Ambrosio.

Mr. Conway answered questions on staffing numbers, remote work policy changes, employee drug testing, and the certification program.

4.b Report by General Counsel

General Counsel Jackson provided an update on the progress of Metro Water Recovery's trademark process and stated the South Headworks and Grease Processing Improvements Project (PAR 1225) is now closed and settled.

5. REPORTS OF OFFICERS AND COMMITTEES

5.a Report by Strategic Planning Committee

Strategic Planning Committee Chair Kroeger gave an update on the draft strategic framework, stating there were three goals of the Committee: to honor work done in the past, make sure the updated Strategic Plan stays connected with staff, to and focus areas for moving forward. She also gave an overview of the Vision, Mission, and Values.

Directors Giddings, LeGare, and Williams explained the strategic pillars – our people, our work, and our communities.

CEO Conway stated the focus areas and strategic pillars will form the basis of this plan.

Ms. Kiflai explained the Committee is working towards having a complete draft document ready for the April workshop and will be approved during the May Committee cycle.

Mr. Conway and Ms. Kiflai answered questions on references in the plan to communities versus Connectors, leadership under this framework, and financial stewardship.

Directors LeGare and Williams explained the amount of time spent looking for the right words for the financial stewardship.

Director Kocian questioned the meaning the document conveys to a third party without the words “rate payer” and / or “Connector”.

Director Roth stated this was an important conversation as a Connector.

Director Johnston thanked staff and Committee members for their commitment and time spent.

Director Kroeger appreciated the Board’s comments, saying they will be taken into consideration, and appreciated the fresh perspective.

5.b Meeting Minutes

There were no additions to the following meeting minutes:

Operations Committee	February 7, 2023
Finance Committee	February 9, 2023
Executive Committee	February 14, 2023

6. NEW BUSINESS

6.a Hearing for the Metro Water Recovery’s Second Amended 2022 Annual Budget

Chair Johnston opened the Hearing of the Second Amended 2022 Annual Budget at 6:14 p.m. to allow for questions and comments from holders of any security issues by Metro Water Recovery. There were no questions or comments. Chair Johnston closed the Hearing at 6:15 p.m. and reconvened the Regular Meeting of the Board of Directors at 6:15 p.m.

Consent Agenda

6.b Consideration of Replacement of Metro Water Recovery’s Industrial Pretreatment Program Database, Pretreatment Information Management System with the iPACS System

Director Sekera moved and Director Twombly 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 enter into an Agreement to replace Metro's Industrial Pretreatment Program (IPP)'s pretreatment information management system database; and

WHEREAS, the IPP's Industrial Pretreatment Information Management System (PIMS) database is now obsolete software and does not meet Metro's current and future requirements; and

WHEREAS, pursuant to Metro's *Purchasing and Contracting Policies*, a Request for Information was issued to identify consulting firms/project managers to assist with software acquisition in early 2022; and

WHEREAS, Link Technologies was selected to kick off the project by aggregating knowledge of the current system to identify key requirements for a replacement system and identified two qualifying vendors; and

WHEREAS, Metro issued a Request for Proposal to these two leading vendors and an evaluation team reviewed each proposal based on their ability to meet Metro's technical and IPP functional requirements; and

WHEREAS, EnfoTech & Consulting, Inc. (EnfoTech) was determined to provide the best value and would meet Metro's current and future Information Technology and IPP implementation needs; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer to enter into an Agreement with EnfoTech for licensing of the iPACS system at Metro for a five-year term not to exceed \$610,000; 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 an agreement with EnfoTech & Consulting, Inc. for licensing of the iPACS system at Metro Water Recovery for a five-year term not to exceed \$610,000.

The motion carried unanimously.

6.c Consideration of Property Acquisition

Director Sekera moved and Director Twombly seconded the motion to adopt the following resolution:

WHEREAS, Metro Water Recovery, hereinafter referred to as "Metro," is a metropolitan sewage district organized, existing, and possessing the statutory powers and authorities set forth in C.R.S. § 32-4-501, *et seq.*, possessing the power of eminent domain pursuant to C.R.S. §§ 32-4-502(2) and 32-4-510(1)(j); and

WHEREAS, Metro seeks to acquire a fee interest in the 6610 and 6620 York Street, Denver, Colorado properties (the "Subject Properties") for the purpose of constructing new facilities at the Robert W. Hite Treatment Facility to effectuate its statutory purpose of owning, holding, and operating a sewage disposal system to

intercept, receive, transport, treat, and dispose of the outfalls of sewer systems of municipalities; and

WHEREAS, the Board of Directors has determined the acquisition of the Subject Properties is necessary for the public uses and/or purposes stated herein and hereby declares Metro's intention to acquire the Subject Properties for those uses and/or purposes;

NOW, THEREFORE, BE IT RESOLVED the Board of Directors (the "Board") finds the acquisition of the 6610 and 6620 York Street, Denver, Colorado properties (the "Subject Properties") will serve a proper public purpose and use, and such use is necessary and essential to this public purpose and use. The Board hereby declares its intent to acquire fee interest in the Subject Properties for the purposes stated herein and, if necessary, to do so through the exercise of the power of eminent domain; and

BE IT FURTHER RESOLVED by the Board the Chief Executive Officer be and is hereby authorized to negotiate for the voluntary acquisition of the Subject Properties and is further authorized to make amendments to or otherwise revise the nature and/or description of the property rights to be acquired in furtherance of the public uses and/or purposes; and

BE IT FURTHER RESOLVED if, after engaging in good-faith negotiations, Metro is unable to acquire the necessary property rights, the Chief Executive Officer or designee, on its own or by special counsel, is authorized to institute and prosecute eminent domain proceedings in the name of Metro so as to acquire the Subject Properties by condemnation. In the prosecution of any eminent domain actions to acquire the Subject Properties, Metro shall have and retain all rights and powers lawfully delegated to it by C.R.S. §§ 32-4-502(2) and 32-4-510(1)(j); and

BE IT FURTHER RESOLVED if eminent domain proceedings are instituted, the Chief Executive Officer or designee and Metro's special counsel, are authorized to retain such expert witnesses, including appraisers, as deemed necessary for the eminent domain proceedings; and

BE IT FURTHER RESOLVED the Chief Executive Officer or designee, in consultation with Metro's special counsel, are hereby specifically authorized to make such reasonable or necessary amendments and corrections to the terms and legal descriptions of the property interests to be acquired, with authorization to include such additional or other property rights necessary or desirable by Metro; and

BE IT FURTHER RESOLVED the Chief Executive Officer will keep the Board informed of transactions and the status of any purchase of properties and/or acquisitions of land rights concerning the Subject Properties.

The motion carried unanimously.

Roll Call Agenda

6.d Consideration of Revisions to Metro Water Recovery's *Purchasing and Contracts Policy*

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

WHEREAS, Metro Water Recovery, hereinafter referred to as “Metro,” currently is operating under *Purchasing and Contracting Policies (Policies)* adopted by the Board of Directors on August 18, 2015; and

WHEREAS, the *Policies* have not been updated since August 18, 2015, and several areas require clarification or amendment; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend the *Policies* of Metro be amended in the form attached hereto; and

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

NOW, THEREFORE, BE IT RESOLVED the *Purchasing and Contracting Policies*, as amended in the form attached hereto, be and hereby are adopted as the *Purchasing and Contracts Policy* of Metro Water Recovery; and

BE IT FURTHER RESOLVED all previous policies corresponding to those covered by the *Purchasing and Contracts Policy* adopted by this Resolution be and hereby are rescinded.

Chair Johnston called for a roll call vote which carried with 36 Directors voting Yes:

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

7. INDIVIDUAL DIRECTOR COMMENTS

Director Kocian asked Directors as an organization focused on sustainability to pay closer attention to recycling.

8. OTHER INFORMATION

CEO Conway reminded Directors, as Board members, they must live within the boundaries of their district.

9. ADJOURNMENT

Chair Johnston adjourned the meeting at 6:21 p.m.

METRO WATER RECOVERY

MEMORANDUM

TO: Board of Directors

DATE: March 15, 2023

FROM: Mickey Conway, Chief Executive Officer

RE: Chief Executive Officer's Report

1. Meeting with Denver's Department of Transportation and Infrastructure

Key staff and I joined a meeting with leadership from Denver's Department of Transportation and Infrastructure (DOTI) on January 30, 2023 to discuss communication and collaboration. We shared information about mission and structure and discussed ways to improve outcomes for both entities, including information sharing relating to Metro Water Recovery's Pretreatment Program obligations.

2. Connector Presentations

Thank you to Director Joan Iler and District Manager Michael Bakarich from Westridge Sanitation District for inviting me to present at their February Board meeting and to Board Director and Chairman Dennis Towndrow from North Pecos Water and Sanitation District for inviting me to present at their March Board meeting. Both meetings elicited excellent conversation.

The information exchange is helpful for all of us and presenting at Connector Board meetings is truly one of my favorite parts of the job. Please reach out to Ruth Kedzior at rkedzior@metrowaterrecovery.com if you are interested in scheduling a presentation in the coming year.

3. National Wastewater Participation

Last month, I attended the National Association of Clean Water Agencies (NACWA) Board meetings and Winter Conference which were held earlier in the month in Sonoma, California. As NACWA Board Secretary, I attended the Executive Committee and NACWA Board member meetings and participated in several Board Committee and association-level discussions relating to emerging contaminants, construction issues, and federal and state water sector funding. I also sat on a panel discussing water reuse which was presented to the entire conference.

4. Overflow and Spill Notification

On February 28, 2023, at approximately 8:30 p.m., Metro Water Recovery experienced an overflow and spill of untreated wastewater from its Clear Creek/Thornton North Washington (TNW) outlet structure located in the northwest corner of the Robert W. Hite Treatment Facility

(RWHTF). During this event, approximately 8,700 total gallons of wastewater were released onto the ground affecting an area of approximately 46,000 square feet. An estimated 2,600 of those total gallons flowed north off Metro property and we believe it is possible a small portion of that flow reached the South Platte River. By sunrise, Metro staff was immediately dispatched to assess the situation and initiate clean up procedures. Shortly after, Metro's Water Quality staff began monitoring the river downstream of the release point. No adverse water quality issues were detected, as downstream [BOD](#), E.coli, and [ammonia](#) levels remained normal throughout the day, with no impact to aquatic life.

Within 24-hours of the incident, verbal notification was provided to the Colorado Department of Health and Environment (CDPHE), followed by a five-day written report identifying the details of the incident, potential causes, and clean up measures taken. In addition, Adams County was also notified of the incident as they are the owner of the bank property adjacent to the river where the spill occurred. The areas of the plant site affected by the spill have been cleaned by Metro Water Recovery maintenance staff. Due to the challenges associated with cleaning along the steep bank of the river, Metro has engaged Jacobs Engineering to provide an environmental survey/assessment and to assist with permitting efforts required for clean-up. In addition, two environmental clean-up companies have assessed the situation and will provide estimates for cleaning/restoring the riverbank based on Jacobs' recommendations.

The cause of the overflow and spill event is still being investigated. The focus of the investigation is around the operation of the TNW Lift Station as well as the original force main coming out of that lift station. Metro Water Recovery was experiencing pump failures that same evening at the lift station. When pumping was restored, multiple pumps came on and operated at full speed causing a surge of flows in the force main. In addition, it is suspected an accumulation of air at the high point of the original force main (due to a faulty air relief valve) facilitated a build-up of pressure, which coupled with the surge in flows, caused the overflow event at the outlet structure. Since this event occurred, the original force main has been isolated and taken out of service, with the new parallel force main being used to handle the lift station flows. The original force main is due for rehabilitation and will be included as part of the TNW Lift Station Project (PAR 1312) currently under construction. The original force main will remain out of service until the rehabilitation work is complete. Metro has encountered no issues since isolating the force main.

5. Biosolids Exceedance Notification

As required by regulation, on an annual basis, Metro Water Recovery reports on its biosolids program to the Environmental Protection Agency (EPA). This year's report included all pertinent information, including notification of 13 instances where Metro's land application of biosolids exceeded the agronomic rate for nitrogen required under state and federal regulations. These exceedances related to biosolids produced at the RWHTF and occurred on several customer farms as well as the METROGRO Farm. The exceedances were caused by a combination of unusual variability of biosolids properties as a result of changing physical treatment processes, the difficulty of timing issues related to availability of analytical results versus limitations on retention time at the plant, and technical and operational issues relating to Metro's current system.

There are no adverse impacts to the environment or to the fields where the overapplications occurred. In fact, farmers prefer higher nitrogen rates as it is beneficial to their crop production.

Despite the fact our biosolids customers would prefer higher nitrogen rates, Metro Water Recovery must comply with these regulations. Metro is taking a number of actions to address

these issues, which includes: updating the biosolids management software program; reviewing and more conservatively adjusting calculations; implementing new dashboards to provide more timely information to Metro's land application team; modifying operational strategies to be more conservative, completing the centralization of all biosolids compliance work into Metro's Regulatory Affairs (RA) Division within the Environmental Services Department and finalizing the RA Division's review of the biosolids regulatory program, which will include the implementation of any necessary changes. Further information on the biosolids program will be provided in a presentation at the workshop.

6. Wipes Bill Moves Through Senate

Senate Bill 23-150, sponsored by Sens. Perry Will (R) and Dylan Roberts (D), requires specific entities to label packages of premoistened, nonwoven disposable wipes with the phrase "Do Not Flush," including baby wipes, surface cleaning wipes, and makeup removal wipes. The requirements are similar to requirements in three other states: California, Oregon, and Illinois. Northern Treatment Plant (NTP) Director of Operations and Maintenance Kim Cowan testified in support of the bill on Tuesday, March 7, 2023 before the Senate Business Labor and Technology Committee. The bill passed unanimously out of committee and through the Senate and has moved to the House.



Kim Cowan testifying before the Senate Business, Labor and Technology Committee

7. Metro Water Recovery Project Follow-Up

A capital project update is attached regarding the NTP Effluent Temperature Project (PAR 1416) Job Order Contracting Services Agreement and Appropriation.

8. Gold Awards

Since 1992, Metro Water Recovery has formally recognized Industrial Users who have met all their pretreatment requirements and demonstrated a commitment to environmental excellence. Gold and Platinum Awards are the means by which Metro acknowledges the performance of Industrial Users and their contributions to the success of the Pretreatment Program. Gold Award certificates are given to Industrial Users who were in compliance with 100 percent of pretreatment program requirements during a calendar year. Platinum Award engraved plaques are given to Industrial Users with five years of continuous, perfect compliance.

The Metro Water Recovery Industrial Pretreatment Program will recognize Industrial Users for exemplary compliance efforts during an in-person Gold and Platinum Awards recognition breakfast event on May 10, 2023 in the Boardroom.

9. Retirement Board Meetings Summary

The Defined Benefit Plan Retirement Board and the Defined Contribution Plan Retirement Board met separately on February 23, 2023. As of December 31, 2022, the Defined Benefit Plan was valued at \$118,213,612 and had 172 active members and the Defined Contribution Plan held \$13,878,777 in assets and had 258 active participants. On January 1, 2023, Metro Water Recovery contributed \$10,053,490 to the Defined Benefit Plan Retirement Fund.

10. Annual Charges Information on BoardEffect

The Annual Charges information presented at the February Connector Annual Charges Webinar is available on BoardEffect. We have also included resource pages for Connectors and stakeholders. Here are links to the [Annual Charges Presentation](#), [Process Information](#), and [Planning Resource](#).

11. Let's Get Social

Metro Water Recovery's [Facebook](#) and [LinkedIn](#) social media accounts are informative (and fun) communication channels for our community, employees, partners, and YOU. With 812 people following our Facebook account and 1,556 tuning into our LinkedIn page, it's no wonder we average thousands of views to these platforms each month.

Engage with us: Strategy and Communication has been working hard to expand our followership audience on these platforms and one way you can support this effort is by liking, commenting, tagging us, or sharing our posts. This helps expand our reach, share our mission, and make meaningful connections with current and future stakeholders.

Questions or suggestions? Email Senior Communications Manager [Rienna Nuber](#).

12. Upcoming Events

Directors are asked to add applicable meeting dates to their calendars.

<u>Date</u>	<u>Event/Location</u>
Thursday, April 6, 2023 9 a.m. or directly following Finance	Audit Committee Boardroom
Thursday, April 13, 2023 8 a.m. (breakfast served at 7 a.m.)	Spring Board Workshop Northern Treatment Plant Visitor Center Presentation Room
Wednesday, May 10, 2023 8:30 a.m.	Gold and Platinum Awards Recognition Event Boardroom
Thursday, May 18, 2023 7:30 a.m. (breakfast served at 7 a.m.)	Defined Benefit Plan Retirement Board Boardroom




<u>Date</u>	<u>Event/Location</u>
Thursday, May 18, 2023 12:30 p.m. (lunch served at noon)	Defined Contribution Plan Retirement Board Boardroom
Friday, May 19, 2023 TBD	Bike to Work Day TBD
Wednesday, June 14, 2023 TBD	Spring Metro 6.0 Town Hall/Field Day TBD
Thursday, July 20, 2023 7 a.m. depart from Administration Building	METROGRO Farm Tour 1 p.m. depart Farm
Thursday, July 6, 2023 7:30 a.m. (breakfast served at 7 a.m.)	Joint Operations / Finance Committee Boardroom
Monday, August 21, 2023 TBD	New Director Orientation Boardroom
Thursday, August 24, 2023 7:30 a.m. (breakfast served at 7 a.m.)	Defined Benefit Plan Retirement Board Boardroom
Thursday, August 24, 2023 12:30 p.m. (lunch served at noon)	Defined Contribution Plan Retirement Board Boardroom
Thursday, October 26, 2023 8 a.m. (breakfast served at 7 a.m.)	Fall Board Workshop TBD
Thursday, November 9, 2023 9 a.m. or directly following Finance	Audit Committee Boardroom
Wednesday, November 15, 2023 TBD	Fall Metro 6.0 Town Hall TBD
Thursday, November 30, 2023 7:30 a.m. (breakfast served at 7 a.m.)	Defined Benefit Plan Retirement Board Boardroom
Thursday, November 30, 2023 12:30 p.m. (lunch served at noon)	Defined Contribution Plan Retirement Board Boardroom
Tuesday, December 19, 2023 4:45 p.m.	Annual Employee Recognition Reception Prior to Board of Directors Meeting

Wipes Are Not Flushable

PLEASE SUPPORT SB23-150

Metro Water Recovery supports SB23-150, which would require "Do Not Flush" labeling on select wipe packaging in Colorado.

Non-flushable wipes -- including wipes used for changing diapers, personal hygiene, and housecleaning -- do not break down as they travel through the sewer system. This causes clogs and blockages that have adverse impacts on:

-  Operations
-  Worker safety
-  Environment

OPERATIONAL IMPACTS

Metro's facilities are designed to treat domestic wastewater, and disposable wipes cause undue stress on our collection and treatment systems. Disposable wipes often snag in sewer pipes, catch passing debris and grease, and clog pipes, requiring costly and dangerous sewer bypasses while the blockage is removed.

Wipe fragments also tend to stick together and build up in certain parts of the treatment plants like pipes, pumps, and digesters. By requiring more frequent teardowns of pumps, unclogging of pipes, cleanouts of tanks, and related activities, this excess work:

- Causes undue downtime
- Incurs costs in labor and repairs
- Requires more redundancy of equipment



Wipes clog pipes (left) and equipment such as pumps (right), requiring regular, manual removal of wipes mixed with rags at Metro's Northern Treatment Plant (photo top of page).

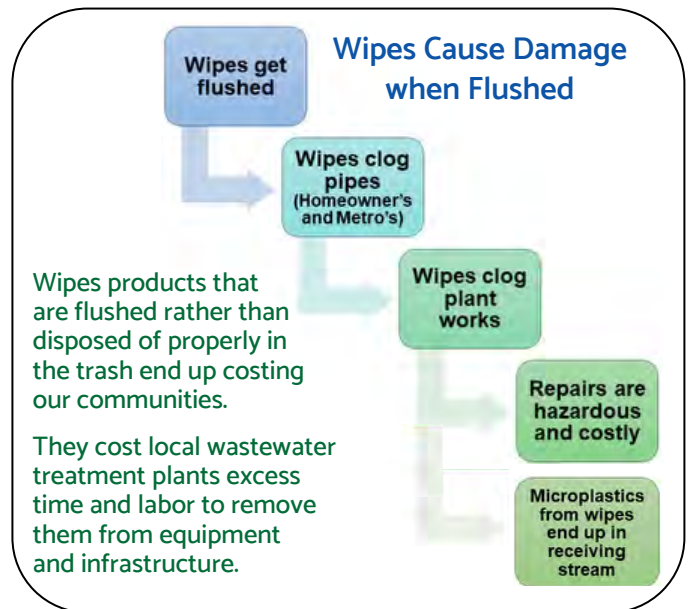


WORKER SAFETY

Unclogging and repairing equipment damaged by wipes may require multiple employees and can be dangerous. This work exposes Metro's workers to biological hazards and the dangers of confined space entry to remove these non-flushable wipes from critical equipment and tanks in our processes.

ENVIRONMENTAL HAZARDS

Non-flushable wipes have been found to release microplastic fibers into an aquatic environment. Wastewater treatment facilities are not equipped to handle these microfibers. Research suggests that the addition of extra plastic fibers introduced into the sewer system may contribute to microplastics in our environment.



CONTACT

Erin Bertoli

Metro Water Recovery Governmental Affairs Liaison
EBertoli@Metrowaterrecovery.com

Northern Treatment Plant Effluent Temperature Project (PAR 1416)

Prepared by Link Mueller, Senior Engineer

Background

In 2007, the Water Quality Control Division (WQCD) adopted temperature standards for both cold and warm water systems. The Northern Treatment Plant (NTP) was a new facility when first permitted in 2016 and while the permit included a compliance schedule for temperature, it was unknown at the time if the facility could meet the new temperature limitations. The NTP has now been online for over six years, allowing for a baseline understanding of effluent temperatures. Metro Water Recovery applied for permit renewal for NTP in 2020, as the current permit expired April 30, 2021, and it is currently administratively extended. The administratively extended permit requires compliance with temperature effluent limits by March 31, 2026. The Northern Treatment Plant Effluent Temperature Compliance Study (Study) was conducted by CDM Smith, Inc. and was completed in February 2022. Based upon evaluation factors, including the ability to reliably reduce effluent temperature to necessary levels, potential associated environmental impacts (of the technology) to water and air quality, physical location and other space considerations, and potential operational limitations, single-pass cooling towers were selected as the technology which would undergo further evaluation via an onsite full-scale demonstration project.

Given there are currently no state design criteria for wastewater effluent cooling towers and few real-world examples of using cooling towers in this application, staff proposed proceeding with a multi-phased demonstration project to prove the technical, environmental, and economic feasibility of this technology in the region, and if deemed feasible, support the development of design and operations criteria.

Metro Water Recovery staff negotiated a standard Professional Services Agreement with Stantec Consulting Services Inc. (Stantec) for study and design phases during the first season, which includes the following scope of work: project management, site investigations, workshops, meetings, cost estimating, assistance with selecting a [Construction Manager-At-Risk](#) contractor, a Preliminary Design Report, and preparation of contract documents with reviews at 30, 60, 90, and 100 percent design deliverable intervals. Metro staff negotiated a [Job Order Contacts](#) (JOC) Services Agreement with Hensel Phelps (HP) for the Post-Secondary Demonstration (Work Package 1 or WP1) scope. A future amendment to Stantec's Professional Services Agreement and HP's JOC Services Agreement and appropriation will be required for additional work based on the findings from this year's testing.

Contract Status and Scope of Work

Stantec worked with Metro Water Recovery staff to create an experimental plan for the demonstration of the cooling tower at the NTP. The plan is intended to capture data on the design, operations, maintenance, environmental impacts of treatment, and worker health. The design for the initial demonstration phase was completed in the fourth quarter of 2022 and HP procured and installed the NTP Post-Secondary Demonstration system. The cooling tower was rented from the manufacturer and was set onsite on December 20, 2022. The system started operating on January 17, 2023 and is expected to continue operating through April 21. Data collection has been ongoing.

While results and observations are pending the final month of operation, one challenge which has been identified is freezing of the media and louvers during cold weather. The team has been investigating solutions such as operating the unit in a defrost mode which involves reverse operation of the fan on a timed cycle. This operational strategy has been preliminarily successful but could impact the number of units required and system power use. The team will compile the three months of data and summarize insights and implications in the second quarter of this year.



Delivery and Installation of Cooling Tower



Cooling Tower in Operation



Cooling Tower Icing and Growth



METRO WATER RECOVERY

MEMORANDUM

TO: Board of Directors

DATE: March 13, 2023

FROM: Emily Jackson, General Counsel

RE: General Counsel Report

ONGOING BUSINESS

LEGISLATIVE SESSION

The First Regular Session of the Seventy-fourth General Assembly convened on January 9, 2023. Metro Water Recovery has been focusing topically on legislation concerning Wastewater Thermal Energy Use (WTEU) and Non-Flushable Products.

OGC Monthly Numbers

- ✓ 5 Resolutions Drafted
- ✓ 4 Contracts Reviewed
- ✓ 10 Total Requests Completed

On Tuesday, March 7, 2023, Director of Northern Treatment Plant Operations and Maintenance Kim Cowan, testified in support of the Non-Flushable Products, [SB23-150](#). The testimony was well-received, and many others also testified in support. The bill passed through the Senate and is now in the House.

Sen. Hansen and Reps. McCormick and Sirota are sponsoring [SB23-016](#) Greenhouse Gas Emission Reduction Measures, which includes WTEU as “pollution control equipment,” which is equipment that may be certified by the Division of Administration in the Colorado Department of Public Health and Environment (CDPHE), and also includes WTEU as a “clean heat resource,” which means it can be included as a resource for a gas distribution utility. Metro Water Recovery has been working with the sponsors in support of the bill.

DENVER WATER LEAD REDUCTION PROGRAM UPDATE

Pursuant to the Intergovernmental Agreement between Metro Water Recovery and Denver Water for funding the lead reduction program, Denver Water provided Metro its annual report for its program. Denver Water remains in [full compliance](#) with the metrics established by the U.S. Environmental Protection Agency’s (EPA) variance. The program shows lead levels continue to decline and by the end of 2022, a total of 5,119 lead service lines replacements were completed. **As such, Metro will provide annual financial contribution to the program.** This continues to be a great regional success story.

ROBERT W. HITE TREATMENT FACILITY PERMIT MODIFICATION PUBLIC NOTICE

Following permitting discussions with the Water Quality Control Division (Division) last fall, Metro Water Recovery submitted a request on December 30, 2022 to the Division to modify the water quality discharge permit for the Robert W. Hite Treatment Facility. Metro requested the compliance schedule associated with the temperature effluent limits be extended from December 31, 2030 to December 31, 2040. The basis for Metro’s request was to allow Metro time to

construct additional electrical facilities and tertiary treatment, which are necessary prerequisites to installation of cooling towers. In the public notice the Division proposed to extend Metro's compliance schedule to December 31, 2033. The Division did not provide a factual basis for its extension. Metro will provide comments and will report back on the outcome.

NATIONAL ENVIRONMENTAL JUSTICE CONFERENCE AND TRAINING PROGRAM

On March 7-8, 2023, I attended the National Environmental Justice Conference and Training Program in Washington, D.C. The program highlighted community members, academia, and the private sector, as well as federal, state, and local government representatives to examine the state of environmental justice and shared best practices. **It was my first time attending and I enjoyed the array of panels and topics.**

STAFFING UPDATE

Given the increased workload of the Office of the General Counsel, at the end of 2022 an additional position for another staff attorney was approved. The Human Resources Department (HR) posted the position in late 2022 and it remained open until mid-March. Unfortunately, despite diligent efforts to advertise, the position has proven difficult to recruit. HR and I have agreed to pull the current posting then re-post next month. I want to assure the Board we are working hard to bring in additional legal resources for the organization.

LITIGATION

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

MWH CONSTRUCTORS LITIGATION

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. Metro filed its Answer on November 17, 2022. Metro disputes the allegations in the Complaint and the relief sought.

On December 22, 2022, Metro Water Recovery filed a Motion for Judgment on the Pleadings, which is a form of a dispositive motion under Rule 12(b)(5) of the Rules of Civil Procedure, similar to a motion to dismiss. In the motion, Metro contends Counts I-IV in MWHC's complaint should be dismissed for a variety of reasons including a Supreme Court doctrine called the *Sperian* doctrine which does not apply to MWHC's implied warrant claim, the express warranties render *Sperian* inapplicable, and *Sperian* is inapposite to the KWS Relationship; the superior knowledge doctrine fails because the contract placed a duty of inquiry on MWHC; the allegation of mutual mistake fails because the mistake alleged was a future expectation not a present condition existing at the time the contract was executed; and the economic loss doctrine precludes MWHC from alleging a tort claim of negligence.

On January 5, 2023, the parties exchanged initial disclosures.

In early February MWHC filed a Motion for Summary Judgment, alleging there are no issues of material fact and requested the court take action on the claims in their complaint. **In late February, MWHC filed a Motion to Stay Ruling on Defendant’s Motion for Judgment on the Pleadings. MWHC argued Metro Water Recovery’s Motion for Judgment on the Pleadings and MWHC’s Summary Judgment Motion should be resolved together, and if discovery is necessary on its Motion for Summary Judgment, both motions should be stayed. On February 22, 2023, the judge issued an order setting the matter for an in-person hearing. The hearing has not yet been scheduled.**

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 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 Inc. (PCL) 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 were 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. On September 30, 2022, the Court issued an order to set a hearing on Metro's Motion to Dismiss to resolve remaining factual disputes.

The hearing on the Motion to Dismiss occurred on Tuesday, November 22, 2022. Three Metro Water Recovery staff and Donald Temples were called as witnesses. The judge did not issue an order from the bench. She directed both parties to draft Findings of Fact and Conclusions of Law for her consideration, which the parties filed on December 20, 2022. On December 27, 2022, the judge issued an order denying Metro's motion to dismiss.

On January 13, 2023, Metro Water Recovery filed a Notice of Appeal with the Colorado Court of Appeals and Denver District Court seeking an interlocutory appeal. Metro cited several issues to be raised on appeal including issues such as the District Court erred by imposing strict liability, ignored a Colorado Governmental Immunity act waiver must related to a vested function of Metro, ignored holdings of a recent Colorado Supreme Court Case, several deficiencies in Plaintiffs' pleadings, and relied on alleged facts that lacked evidence. **On March 8, 2023, the District Court submitted the compiled record to the Court of Appeals. Metro's opening brief is due in mid-April.**

Over the last year, as Metro Water Recovery has been defending itself, Metro sent several tender letters to PCL pursuant to its construction agreement demanding PCL defend, indemnify, and hold Metro harmless. As of February 2023, PCL had not responded, at which point the statute of limitations for Metro's contract claims would expire. Out of an abundance of caution, to preserve its claims, Metro filed a complaint against PCL alleging breach of contract but did not serve the complaint. Metro sent PCL a letter acting as a follow up on the prior notices, explaining PCL had failed to respond to all other communications, informing PCL of the lawsuit, and providing PCL one final opportunity to agree to defend, indemnify, and hold Metro harmless before serving it with the complaint. After receiving the letter, pursuant to its contract with Blue Ribbon, PCL took action to have Blue Ribbon's insurance company, Liberty Mutual, undertake these obligations. On February 24, 2023, Liberty Mutual sent Metro a letter communicating it will provide Metro defense of the lawsuit subject to a reservation of rights. Metro has communicated to PCL it will agree to dismiss the lawsuit without prejudice if PCL agrees to a tolling agreement.

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
March 21, 2023**

WHEREAS, it is in the best interest of Metro Water Recovery, hereinafter referred to as "Metro," to enter into an Intergovernmental Agreement (IGA) with Adams County associated with Electrical Transmission-Level Service Substation Project (PAR 1265) (Project); and

WHEREAS, Adams County has been delegated the power to supervise matters of state interest by the Colorado General Assembly through the Areas and Activities of State Interest (AASI or 1041) Act (HB 74-1041) as set forth in C.R.S. § 24-65.1-101, which include site selection and construction of major facilities of a public utility and major extensions of existing domestic water and wastewater treatment systems; and

WHEREAS, the Project is subject to the AASI Act; and

WHEREAS, Adams County has adopted regulations governing the AASI, specifically Chapter 6 of the Adams County Development Standards and Regulations; and

WHEREAS, pursuant to Section 6-16 of the Adams County's Regulations, Metro and Adams County prefer and elect to enter into an IGA in lieu of a permit application to construct the Project; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer to enter into an IGA with Adams County, substantially similar to the terms outlined in the IGA as currently written, in conjunction with Adams County issuing an Areas and Activities of State Interest (AASI or 1041) permit for the construction of the Project in Adams County; 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 an Intergovernmental Agreement (IGA) with Adams County, substantially similar to the terms outlined in the IGA as currently written, in conjunction with Adams County issuing an Areas and Activities of State Interest (AASI or 1041) permit for the construction of the Electrical Transmission-Level Service Substation (PAR 1265) Project in Adams County; and

BE IT FURTHER RESOLVED the Chief Executive Officer be and hereby is authorized to enter into additional amendments to the IGA which do not involve the transfer of land, require additional appropriations, or exceed the Chief Executive Officer's spending authority.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
March 21, 2023**

WHEREAS, it is in the best interest of Metro Water Recovery, hereinafter referred to as "Metro," to enter into an Agreement for Study and Report Professional Services to provide study services for the 2023 Northern Treatment Plant (NTP) Wastewater Utility Plan (WUP) (PAR 1431) (Project); and

WHEREAS, a WUP for the NTP was previously prepared in 2010 prior to the final design and construction; and

WHEREAS, the purpose of the 2010 NTP WUP was to document NTP's potential impacts on the water quality of the receiving waters and outline Metro's plans for meeting environmental standards to support the local and state approval processes; and

WHEREAS, staff anticipates needing an updated NTP WUP in the future, which is required by both the Colorado Department of Public Health and Environment (CDPHE) and the North Front Range Water Quality Planning Association (NFRWQPA) as part of the site application process for new construction projects; and

WHEREAS, the Operations and Finance committees, after having reviewed the matter, recommend authorizing the Chief Executive Officer to enter into an Agreement for Study and Report Professional Services with HDR, Inc. in the amount of \$682,000 to provide study services for the Project and appropriate funds for this purpose; 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 an Agreement for Study and Report Professional Services with HDR, Inc. in the amount of \$682,000 to provide study services for the 2023 Northern Treatment Plant Wastewater Utility Plan; and

BE IT FURTHER RESOLVED \$750,000 be appropriated for this purpose.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
March 21, 2023**

WHEREAS, the 2022 Budget of Metro Water Recovery, hereinafter referred to as “Metro,” was originally adopted by Metro’s Board of Directors in June 2021 Resolution 0621-B8.c and the First Amended 2022 Budget was adopted by the Board in June 2022 in Resolution 0622-B7.f; and

WHEREAS, in a situation where unanticipated expenditures required for the operation of Metro are encountered, the annual budget may be changed and a supplemental appropriation authorized under C.R.S. § 29-1-109; and

WHEREAS, inflationary economic conditions, supply chain issues, and operational conditions in December 2022 caused operational expenses to exceed the First Amended 2022 Operating Budget and associated appropriation; and

WHEREAS, the Second Amended 2022 Budget of Metro has been prepared by the Chief Executive Officer with the advice and counsel of the Finance Committee of Metro’s Board of Directors; and

WHEREAS, the Board duly published a notice concerning the Second Amended 2022 Budget as required under C.R.S. § 29-1-106, and held a public hearing pursuant to C.R.S. § 29-1-108 on February 21, 2023 on said Budget, as provided for in Section 901B of the 2009, 2012, 2019, and 2020 Bond Resolutions; and

WHEREAS, the Operations and Finance committees of Metro, after having reviewed the matter, recommend adopting a Second Amended Budget for the fiscal year 2022, all funds totaling \$153,600,503; and

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

NOW, THEREFORE, BE IT RESOLVED the Second Amended Budget for fiscal year 2022 for all funds totaling \$153,600,503, as prepared by the Chief Executive Officer with the advice and counsel of the Finance Committee, be and hereby is adopted.

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
March 21, 2023**

WHEREAS, the 2022 Budget of Metro Water Recovery, hereinafter referred to as “Metro,” was originally adopted by Metro’s Board of Directors in June 2021 in Resolution 0621-B8.c, the First Amended 2022 Budget was adopted by the Board in June 2022 in Resolution 0622-B7.f, and the appropriations associated with the 2022 Budget and First Amended 2022 Budget were adopted in Resolution 0622-B7.g; and

WHEREAS, in a situation where unanticipated expenditures are required for the operation of Metro, the annual budget may be changed, and a supplemental appropriation authorized under C.R.S. § 29-1-109; and

WHEREAS, inflationary economic conditions, supply chain issues, and operational conditions in December 2022 caused operational expenses to exceed the First Amended 2022 Operating Budget and associated appropriation; and

WHEREAS, the Second Amended 2022 Operating Budget of Metro has been prepared by the Chief Executive Officer with the advice and counsel of the Finance Committee of Metro’s Board; and

WHEREAS, the Operations, Finance, and Executive committees recommend adoption of the Second Amended 2022 Annual Budget in Resolution 0323-B6.c; and

WHEREAS, it is incumbent upon the Board to appropriate the necessary amounts for the purposes set forth in the adopted Second Amended 2022 Annual Budget;

NOW, THEREFORE, BE IT RESOLVED \$1,400,000 be and hereby is appropriated as set forth in the Second Amended 2022 Annual Budget Appropriation Summary attached hereto and made a part hereof.

Second Amended 2022 Budget Supplemental Appropriation Summary

This budget sets forth the revised 2022 operations and maintenance expenses; the revised 2022 capital equipment and vehicle expenses greater than \$10,000 and less than or equal to \$250,000; the 2022 small project expenditures; and the 2022 debt service requirements on the 2009B Sewer Improvement Bonds, 2019A&B Sewer Refunding and 2020A Sewer Improvement Bonds.

Adoption of the Second Amended 2022 Budget will require an appropriation resolution to be approved by the Board of Directors as follows:

	Adopted 2022 Budget	2022 Supplemental Appropriation 1	2022 Supplemental Appropriation 2	Amended 2022 Budget
<u>OPERATIONS AND MAINTENANCE REVENUE FUND</u>				
Operations and Maintenance (O&M) Expenses	\$ 98,726,223	\$ 3,351,780	\$ 1,400,000	\$ 103,478,003
O&M Capital Outlay	418,000	104,000	-	522,000
Less: Operating Reserve	-	1,500,000	-	1,500,000
Total O&M Expense Requirements	99,144,223	1,955,780	1,400,000	102,500,003
<u>FIXED ASSET REPLACEMENT FUND</u>				
Fixed Asset Replacement Fund (FARF) Capital Outlay	952,500	298,000	-	1,250,500
Total O&M and FARF Expense Requirements	100,096,723	2,253,780	1,400,000	103,750,503
<u>DEBT SERVICE FUND</u>				
2009A&B Sewer Improvement Bonds – Interest	4,000,000	-	-	4,000,000
2012A Sewer Improvement Bonds – Principal	11,000,000	-	-	11,000,000
2012A Sewer Improvement Bonds – Interest	300,000	-	-	300,000
2019A&B Sewer Refunding Bonds – Principal	17,000,000	-	-	17,000,000
2019A&B Sewer Refunding Bonds – Interest	11,500,000	-	-	11,500,000
2020A Sewer Improvement Bonds – Interest	5,300,000	-	-	5,300,000
Total Debt Service Expenditure Requirements	49,100,000	-	-	49,100,000
<u>SMALL PROJECT EXPENDITURES</u>				
General Fund	750,000	-	-	750,000
Fixed Asset Replacement Fund	-	-	-	-
Total Small Project Expenditures	750,000	-	-	750,000
Total Appropriation	\$ 149,946,723	\$ 2,253,780	\$ 1,400,000	\$ 153,600,503

METRO WATER RECOVERY

Defined Benefit Plan Retirement Board Meeting Minutes

Thursday, November 10, 2022

A meeting of the Defined Benefit Plan Retirement Board (DB Retirement Board) of Metro Water Recovery was held Thursday, November 10, 2022 at 2 p.m., in the Metro Boardroom.

1. Roll Call of Members

Secretary West called the roll.

Members Present

Sherman Papke, Chair
Orren West, Secretary
Robert Duncanson
Craig Kocian
Charles Long
Del Smith*
Scott Twombly

Others Present

Liam Cavanagh
Emily Jackson
Colleen Dempsey
Molly Kostelecky
Ruth Kedzior
Brian Haggerty*
Lydia Nkem
Brittany Peshek*
Dale Connors, CapFinancial
Partners, LLC "CAPTRUST"
Andy Fiegel, CAPTRUST
Joel Stewart, Milliman

Employee Liaisons

Ted Graber
Josh Malloreay
Theresa Stone*
Drew Tillman

*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 expressed his opinions regarding how Metro Water Recovery contributes to the Defined Benefit Retirement Plan (DB Plan) and how other local defined benefit plans are structured.

3. Approval of Minutes from the August 25, 2022 Meeting

Chair Papke asked if there were any corrections, deletions, or additions to the minutes of the DB Retirement Board meeting held August 25, 2022.

Director Kocian moved and Director Twombly seconded the motion to approve the minutes of the August 25, 2022 meeting of the DB Retirement Board.

The motion carried unanimously.

4. Reports to the DB Retirement Board

a. DB Plan Financial Reports — Quarter-Ending September 30, 2022

Ms. Kostelecky reviewed her written report.

b. DB Plan Fund Investment Performance Report — Quarter-Ending September 30, 2022

Mr. Fiegel and Mr. Connors reviewed the written report, highlighting a current downturn in the market due to economic circumstances and other issues.

Mr. Connors answered a question concerning how supply and demand is expected to affect inflation and the economy in the future.

c. DB Plan Fund Investment Performance Monthly Flash Report, October 31, 2022

Mr. Connors reviewed the report, highlighting some improvement in the market compared to the previous three months.

5. Action Item

a. **Consideration of Investment Commitment of \$4.0 Million to the Principal Real Estate Open-End Debt Fund**

Director Duncanson moved and Director Long seconded the motion to recommend committing \$4 million to private credit placement of Principal Real Estate Open-End Debt Fund.

Mr. Connors gave an overview of the item.

Mr. Connors answered questions regarding if any of the funds Metro Water Recovery employs, including the proposed fund, have invested in derivatives, the philosophy behind the investments, and the liquidity of the funds.

The motion carried unanimously.

6. Information Items

a. Vanguard ESG Fund Review

Mr. Fiegel reviewed the written report.

Mr. Fiegel and Mr. Connors answered questions concerning how environmental, social, and governance (ESG) funds are ranked and reported, the current philosophy used in making investments for the DB Plan, and if there are any current obligations regarding ESG investing.

The DB Retirement Board discussed the pros and cons of ESG investing, if any current philosophy or guiding principles apply to ESG investing, and the authority required to make an ESG policy for the DB Retirement Board.

Ms. Dempsey noted employees have the opportunity to invest in ESG funds through the brokerage window in the 457(b) Deferred Compensation Plan.

The DB Retirement Board decided no action is needed at this time.

7. Other Information

There was none.

8. Upcoming 2023 Quarterly Meetings

- Thursday, February 23, 2023 at 7:30 a.m.
- Thursday, May 18, 2023 at 7:30 a.m.
- Thursday, August 24, 2023 at 7:30 a.m.
- Thursday, November 30, 2023 at 7:30 a.m.

9. Adjournment

Chair Papke adjourned the meeting at 3:45 p.m.

MC:rak/lmn

METRO WATER RECOVERY

Defined Contribution Plan Retirement Board Meeting Minutes

Thursday, November 10, 2022

The meeting of the Defined Contribution Plan Retirement Board (DC Retirement Board) of Metro Water Recovery was held Thursday, November 10, 2022 at 7:30 a.m., in the Metro Boardroom.

1. Roll Call of Members

Secretary Slaughter called the roll.

Members Present

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

Members Absent

Others Present

Liam Cavanaugh
Emily Jackson
Molly Kostelecky
Ruth Kedzior
Nicholas Ciotoli
Brian Haggerty*
Lydia Nkem
Brittany Peshek*
Rick Rodgers, Innovest Portfolio
Solutions "Innovest"*
Kyli Soto, Innovest
Tjarda Dijkstra, MissionSquare
Retirement "MissionSquare"

Employee Liaisons

Jonathan Downey
Patrick Gehlhoff*
Corey Kreifels
Colleen Miller

*Attended virtually

2. Public Comment

There was none.

3. Approval of Minutes from August 25, 2022 Meeting

Chair Dempsey asked if there were any corrections, deletions, or additions to the minutes of the DC Retirement Board meeting held August 25, 2022.

Director Kieler moved and Director Sekera seconded the motion to approve the minutes of the August 25, 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 September 30, 2022

- b. Third Quarter 2022 – Investment and Market Update, including Annual Fiduciary Education

Ms. Soto and Mr. Martin reviewed the written report.

Ms. Kostelecky noted fiduciary liability insurance has been added for both the DC Plan and the Defined Benefit Retirement Plan.

Chair Dempsey noted Metro Water Recovery’s new legal name needs to be updated in the Investment and Market Update, and Ms. Soto stated they would be updated.

Mr. Rodgers answered questions about whether the record keeper is considered a fiduciary and how supply and demand is expected to effect inflation and the economy in the future.

Ms. Kostelecky answered a question concerning other perspectives on how supply and demand are expected to impact inflation and the economy in the future.

- c. Participant Trends/Education Strategy

Ms. Dijkstra reviewed the written report.

Chair Dempsey noted all participants need to create a new login for the MissionSquare website and expressed appreciation for the certified financial planner consultations available through MissionSquare.

5. Action Items

- a. **Consideration of Selecting Record Keeper**

Director Kieler moved and Director Slaughter seconded the motion to recommend authorizing the Chief Executive Officer to enter into a one-year agreement, with a one-year annual extension option to a maximum of five years, with MissionSquare Retirement to provide record keeping services and employee investment education to Metro Water Recovery’s DC Plans and the 457(b) Deferred Compensation Plan.

Mr. Haggerty and Chair Dempsey gave an overview of the item.

The motion passed unanimously.

6. Information Items

- a. Vesting Schedule – Prevailing Practice Research

Ms. Soto and Mr. Rodgers reviewed the written report.

Mr. Rodgers answered questions regarding the legal requirements for a vesting schedule, best practices, and how often to revisit the vesting schedule.

Ms. Soto answered questions concerning the philosophy behind how vesting schedules are set up, how changes might impact current employees, and the definition of a five-year cliff.

Ms. Soto and Chair Dempsey answered questions about whether any data exists from exit surveys indicating the vesting schedule impacted employee retention.

Ms. Soto, Ms. Dempsey, Ms. Kostecky, and Ms. Dijkstra answered questions regarding whether there would be any downsides or benefits to changing the current vesting schedule.

Ms. Dempsey answered a question concerning whether following the philosophy held by private corporations would impact recruitment.

The DC Retirement Board requested Metro Water Recovery staff works with Innovest and MissionSquare to see if a recommendation for changing the vesting schedule should be made at the February 2023 meeting and to provide a schedule for reviewing the vesting schedule in the future.

Ms. Dempsey, Ms. Soto, Mr. Rodgers, and Ms. Dijkstra answered questions about how changing the record keeper fee structure could impact participants.

Ms. Dijkstra and Ms. Dempsey answered a question regarding when changes to the fee structure could be implemented.

The DC Retirement Board requested a future action item to decide the record keeper fee structure.

7. Other Information

There was none.

8. Upcoming 2023 Quarterly Meetings

- Thursday, February 23, 2023 at **12:30 p.m.**
- Thursday, May 18, 2023 at **12:30 p.m.**
- Thursday, August 24, 2023 at **12:30 p.m.**
- Thursday, November 30, 2023 at **12:30 p.m.**

10. Adjournment

Chair Dempsey adjourned the meeting at 8:57 a.m.

MC:rak/lmn

METRO WATER RECOVERY

Operations Committee Meeting Minutes

Tuesday, March 7, 2023

The meeting of the Operations Committee of Metro Water Recovery was held Tuesday, March 7, 2023 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
David Councilman
Clark Davenport
James DeHerrera
Robert Duncanson
Mary Gearhart*
Joan Iler*
Martin Majors*
Steve Pott*
Kim Schoen
Greg Sekera
Mary Beth Susman
Dennis Towndrow
Scott Twombly

Members Absent

John Chavez
Bob LeGare
Jamie Miller
Amerigo Svaldi

Others Present

Mickey Conway
Emily Jackson*
Liam Cavanaugh
Martin Alvis
Dawn Ambrosio
Kim Cowan
Colleen Dempsey
Shawn Fredrickson
Perry Holland
Ruth Kedzior
Molly Kostelecky
Andy Nelson
Sherman Papke
Jennifer Robinett*
Orren West
Blair Wisdom
Reed Koenig
Yvonne Kohlmeier
Lydia Nkem
Brittany Peshek
Dan Wcislo

*Attended virtually

Public Comment

There was none.

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 Electrical Transmission-Level Service Substation Project (PAR 1265) Adams County 1041 Permit/Intergovernmental Agreement**

Director Caldwell moved and Director Davenport seconded the motion to recommend authorizing the CEO to enter into an Intergovernmental Agreement (IGA) with Adams County,

substantially similar to the terms outlined in the IGA as currently written, in conjunction with Adams County issuing an Areas and Activities of State Interest (AASI or 1041) permit for the construction of the Electrical Transmission-Level Service Substation Project (PAR 1265) in Adams County.

Mr. Nelson answered questions regarding the background of the IGA and if any concerns have been raised by Adams County.

The motion carried unanimously.

2. Consideration of 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) Professional Study Services Agreement and Appropriation

Director Ray moved and Director DeHerrera seconded the motion to recommend authorizing the CEO to enter into an Agreement for Study and Report Professional Services with HDR, Inc. up to the amount of \$682,000 to provide study services for the 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) and appropriate \$750,000 for this purpose.

Mr. Wcislo explained the acronym NFRWQPA stands for North Front Range Water Quality Planning Association and answered questions on the project schedule, regulatory requirements, update of planning documents, and if necessary, Connector input.

The motion carried unanimously.

3. Consideration of Adoption of the Second Amended 2022 Annual Budget

Director Twombly moved and Director Duncanson seconded the motion to recommend adopting the Second Amended 2022 Budget Proposals as recommended by the CEO.

The motion carried unanimously.

4. Consideration of Appropriation of Funds in Accordance with the Second Amended 2022 Annual Budget

Director Schoen moved and Director Davenport seconded the motion to recommend appropriating \$1,400,000 from the General Fund for the purpose of funding a Second Annual Operating Budget for fiscal year 2022.

The motion carried unanimously.

Information Items

The Operations Committee reviewed the following Information Items.

1. Small Projects Accounts Semi-Annual Report

CEO Conway gave an overview of the item.

Ms. Wisdom answered questions concerning the status of the cooling tower demonstration and the length of the test run.

CEO Conway stated there would be a tour of the cooling tower demonstration following the upcoming April Spring Board Workshop.

2. Status of Capital Improvement Projects Report
3. Current Activities/Operational Performance Report
4. Upcoming Events

Other Information

Ms. Ambrosio gave an update on Senate Bill 23-150 which will require package labeling for wipes and noted Ms. Cowan will testify today on behalf of Metro Water Recovery and address the challenges of wipes in the wastewater business.

Ms. Ambrosio answered a question about any opposition to the bill and encouraged Board members to share the social media post about the legislation to raise awareness. Director Caldwell noted she would call her legislators in support of the bill.

CEO Conway stated this is important work and staff will continue to update the Board. He also reminded Committee members to RSVP for the April 13 Spring Board Workshop.

Chair Williams adjourned the meeting at 11:51 a.m.

MC:raklyjk

METRO WATER RECOVERY

Finance Committee Meeting Minutes

Thursday, March 9, 2023

The meeting of the Finance Committee of Metro Water Recovery was held Tuesday, March 7, 2023 at 7:30 a.m., in the Boardroom.

Board Chair Johnston chaired the meeting on behalf of Chair Roth.

Roll Call

Board Chair Johnston called the roll.

Members Present

Janet Kieler, Vice Chair*
Curt Aldstadt
Greg Baker
Peter Baertlein
Phil Burgi
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

Bob Roth, Chair

Other Directors Present

Bob LeGare

Others Present

Mickey Conway
Emily Jackson
Liam Cavanaugh
Martin Alvis
Dawn Ambrosio
Kim Cowan
Colleen Dempsey
Shawn Fredrickson
Perry Holland
Ruth Kedzior
Molly Kostelecky
Andy Nelson
Sherman Papke
Jennifer Robinett*
Orren West
Blair Wisdom
Laura Cook
Jeff Hayden
Reed Koenig
Yvonne Kohlmeier
Jessica Maloney
Lydia Nkem
Brittany Peshek
Dan Wcislo

*Attended virtually

Public Comment

There was none.

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 Electrical Transmission-Level Service Substation Project (PAR 1265) Adams County 1041 Permit/Intergovernmental Agreement**

Director Baker moved and Director Giddings seconded the motion to recommend authorizing the CEO to enter into an Intergovernmental Agreement (IGA) with Adams County, substantially similar to the terms outlined in the IGA as currently written, in conjunction with Adams County issuing an Areas and Activities of State Interest (AASI or 1041) permit for the construction of the Electrical Transmission-Level Service Substation Project (PAR 1265) in Adams County.

The motion carried unanimously.

2. Consideration of 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) Professional Study Services Agreement and Appropriation

Director LeGare moved and Director Aldstadt seconded the motion to recommend authorizing the CEO to enter into an Agreement for Study and Report Professional Services with HDR, Inc. up to the amount of \$682,000 to provide study services for the 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) and appropriate \$750,000 for this purpose.

The motion carried unanimously.

3. Consideration of Adoption of the Second Amended 2022 Annual Budget

Director Younger moved and Director Niyork seconded the motion to recommend adopting the Second Amended 2022 Budget Proposals as recommended by the CEO.

The motion carried unanimously.

4. Consideration of Appropriation of Funds in Accordance with the Second Amended 2022 Annual Budget

Director Baker moved and Director Giddings seconded the motion to recommend appropriating \$1,400,000 from the General Fund for the purpose of funding a Second Annual Operating Budget for fiscal year 2022.

The motion carried unanimously.

Information Items

The Finance Committee reviewed the following Information Items.

1. Small Projects Accounts Semi-Annual Report

CEO Conway gave an overview of the item.

Mr. Nelson answered questions on the underground conduits in the Robert W. Hite Treatment Facility (RWHTF) Conduit Study (PAR 1413) and incorporating heat recovery at the RWHTF in the Effluent Temperature Compliance Study (PAR 1398).

Mr. Conway responded to a question on training fatigue in the Continuous Improvement Framework Project (PAR 1403).

Ms. Kostelecky answered questions on whether rescinding funds helps cover overages in the operating budget versus the small projects fund and how projects are appropriated from

different funds but reported together. Mr. Conway noted unspent monies on projects go back into the funds.

Mr. Cavanaugh responded to a question regarding the scope of the Enterprise Asset Management Business Process Study (PAR 1415), stating Metro Water Recovery is currently seeking a solution to consolidate many systems into one.

2. Status of Capital Improvement Projects Report
3. Current Activities/Operational Performance Report

CEO Conway stated there would be a tour of the cooling tower demonstration following the upcoming April Spring Board Workshop.

Ms. Wisdom answered questions concerning the design work, strategy, and driver for implementation of the cooling tower technology and understanding technical challenges of freezing temperatures on the cooling tower. She also stated there will be temperature limits in both permits for RWHTF and the Northern Treatment Plant (NTP), with the NTP permit beginning in April 2026.

4. Upcoming Events

CEO Conway reminded Committee members to RSVP for the April 13 Spring Board Workshop.

Other Information

Ms. Ambrosio gave an update on Senate Bill 23-150, a bi-partisan bill, which will require package labeling directing consumers to not flush wipes and expressed appreciation to Ms. Cowan for testifying on March 7, 2023 on behalf of Metro Water Recovery in support of the bill. While testifying, Ms. Cowan addressed the safety of Metro staff working in confined spaces to clear clogging caused from the accumulation of wipes in the system and the overall challenges created by wipes. Ms. Ambrosio stated the bill has passed the Senate and status updates of the bill will be shared with the Board as it moves through the House.

Chair Johnston reminded Committee members the upcoming Spring Board Workshop will be held at the NTP on April 13, 2023 and on July 20, 2023 there will be a tour of the METROGRO Farm.

Chair Johnston adjourned the meeting at 8 a.m.

MC:raklyjk

METRO WATER RECOVERY

Executive Committee Meeting Minutes

Tuesday, March 14, 2023

The meeting of the Executive Committee of Metro Water Recovery was held Tuesday, March 14, 2023 at 11:30 a.m., in the Boardroom.

Chair Pro Tem Niyork chaired the meeting on behalf of Chair Johnston.

Roll Call

Chair Pro Tem Niyork called the roll.

Members Present

Sarah Niyork, Chair Pro Tem
Del Smith, Treasurer
Bob LeGare
Charles Long
Bob Roth*
Scott Twombly
Jennifer Williams

Members Absent

Jo Ann Giddings, Secretary
Andrew Johnston, Chair

Other Directors Present

Peter Baertlein, Advisory

Others Present

Mickey Conway
Emily Jackson
Liam Cavanagh*
Molly Kostelecky
Ruth Kedzior
Andy Nelson
Jennifer Robinett*
Sherman Papke
Jeff Hayden
Yvonne Kohlmeier
Katie Koplitz
Lydia Nkem
Brittany Peshek

*Attended virtually

Public Comment

There was none.

Action Items

1. Consideration of Electrical Transmission-Level Service Substation Project (PAR 1265) Adams County 1041 Permit/Intergovernmental Agreement

Director Williams moved and Director LeGare seconded the motion to recommend authorizing the CEO to enter into an Intergovernmental Agreement (IGA) with Adams County, substantially similar to the terms outlined in the IGA as currently written, in conjunction with Adams County issuing an Areas and Activities of State Interest (AASI or 1041) permit for the construction of the Electrical Transmission-Level Service Substation Project (PAR 1265) in Adams County.

The motion carried unanimously.

2. Consideration of 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) Professional Study Services Agreement and Appropriation

Director Williams moved and Director LeGare seconded the motion to recommend authorizing the CEO to enter into an Agreement for Study and Report Professional Services with HDR, Inc. up to the amount of \$682,000 to provide study services for the 2023 Northern Treatment Plant Wastewater Utility Plan (PAR 1431) and appropriate \$750,000 for this purpose.

The motion carried unanimously.

3. Consideration of Adoption of the Second Amended 2022 Annual Budget

Director Williams moved and Director LeGare seconded the motion to recommend adopting the Second Amended 2022 Budget Proposals as recommended by the CEO.

The motion carried unanimously.

4. Consideration of Appropriation of Funds in Accordance with the Second Amended 2022 Annual Budget

Director Williams moved and Director LeGare seconded the motion to recommend appropriating \$1,400,000 from the General Fund for the purpose of funding a Second Annual Operating Budget for fiscal year 2022.

The motion carried unanimously.

Information Items Discussed/Presented at Standing Committees

The Executive Committee reviewed the following Information Items.

1. Small Projects Accounts Semi-Annual Report
2. Status of Capital Improvement Projects Report
3. Current Activities/Operational Performance Report
4. Upcoming Events

Information Items

1. Connector Service Agreement Update

CEO Conway gave an update relating to a potential amendment to the Connector Service Agreement for the City of Brighton, noting an information item would be presented to the Standing Committees in April followed by an action item in a later month.

Ms. Kostelecky and Mr. Conway answered questions about whether the updated service agreement would impact the 2024 budget and how the connection fees are calculated.

Mr. Conway answered a question concerning how the item was brought about.

2. Sludge Processing Building Improvements Project (PAR 1244) Update

Mr. Nelson gave an update on the Sludge Processing Building Improvements Project (PAR 1244), noting the building is nearing the end of the testing phase.

Mr. Nelson answered a question regarding the contracted backup dewatering.

3. Regulatory Update on Biosolids

CEO Conway introduced the item and Ms. Koplitz presented the regulatory update on biosolids, highlighting instances in 2022 where biosolids application rates on several fields exceeded requirements. She also discussed steps Metro Water Recovery is taking to mitigate the issues moving forward, including continued discussion with the Environmental Protection Agency (EPA), updating the biosolids database, moving the needed calculations to the Alteryx platform and conservatively adjusting the assumptions used, creating a real-time biosolids application dashboard, and making operational changes.

Mr. Conway noted issues in the biosolids application program are rare and expressed appreciation to staff for their work on updating the program. He also noted a more in-depth presentation would be given at the Spring Board Workshop.

Ms. Koplitz and Mr. Hayden answered questions regarding the steps to improve the program, how nitrogen application is regulated, and how staff will limit the application of nitrogen.

Mr. Hayden, General Counsel Jackson, and Mr. Conway answered a question about whether farmers must follow regulations when using other commercial fertilizers.

Mr. Conway answered questions regarding how many other utilities land apply biosolids and if any lobbying work is being done to overcome fears related to the application of biosolids.

Mr. Hayden and Mr. Conway answered questions concerning the demand for biosolids and the need to balance farmers' needs for additional nitrogen with the nitrogen limits set in regulatory requirements.

4. Thornton/North Washington Force Main Outlet Structure Overflow

CEO Conway introduced the item and Mr. Papke gave an overview of an incident resulting in an overflow from the Thornton/North Washington Force Main Outlet Structure, highlighting remediation measures being taken, minimal impact detected to the South Platte River, and future work planned to prevent another overflow.

Mr. Papke answered questions about future landscaping preventative measures to be taken, how the line would be rehabilitated, and where the overflow was directed.

Ms. Koplitz and Ms. Jackson answered a question regarding the associated regulatory requirements.

Ms. Koplitz answered a question concerning cleanup measures.

Mr. Conway noted staff had a quick response to the issue, appreciated the Board for supporting the larger interceptor rehabilitation efforts, and stated the CEO report would include information relating to this incident as well as the biosolids discussion.

Mr. Nelson answered a question about how staff could monitor for an overflow risk in the future.

Other Information

Chair Pro Tem Niyork reminded Directors to RSVP for the Spring Board Workshop and Cooling Tower Demonstration Tour following the workshop.

Chair Pro Tem Niyork adjourned the meeting at 12:26 p.m.

MC:raklmm



Spring Board Workshop

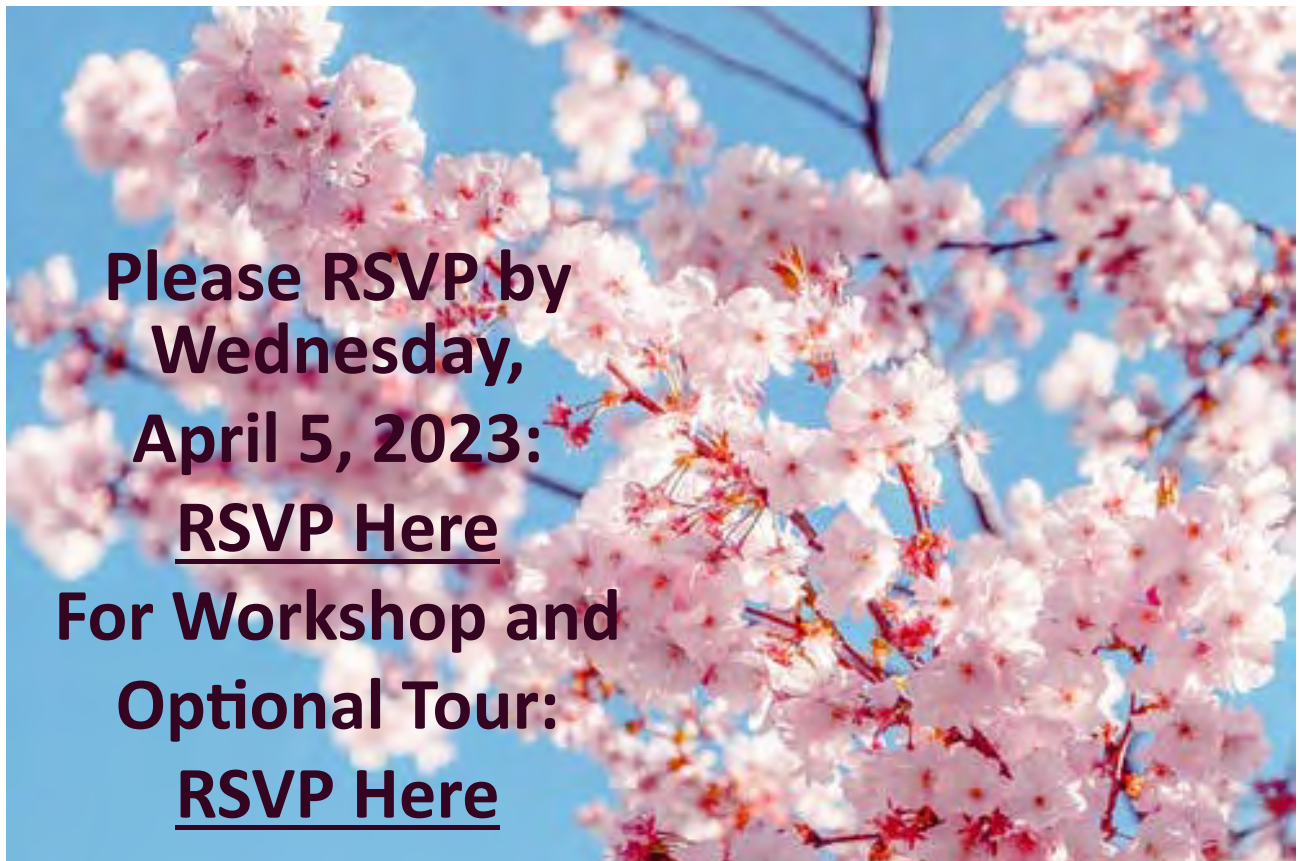
Thursday, April 13, 2023, 8 a.m.

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

Northern Treatment Plant

51 Baseline Road, Brighton, CO 80603

Optional Cooling Tower Demonstration to follow



**Please RSVP by
Wednesday,
April 5, 2023:**

[RSVP Here](#)

**For Workshop and
Optional Tour:**

[RSVP Here](#)



METRO WATER RECOVERY

METROGRO Farm Tour Thursday, July 20, 2023

7 a.m. Leave from Metro
2:30 p.m. Return to Metro
Long pants and close-toed shoes required

This a great opportunity to observe summer farm activities
and learn about the biosolids program.
Please RSVP in the BoardEffect event by early July.



[RSVP on BoardEffect here](#)

METRO WATER RECOVERY

Operations Committee Meeting

Agenda

Tuesday, April 4, 2023

11:30 a.m.

Boardroom

Administration Building

Roll Call

Public Comment

Action Items

Tab No.

1. **Consideration of a Resolution Memorializing Employee Appreciation** 1
(O/F/E/Bd)

Chief Executive Officer's Proposal:

Adopt the resolution memorializing employee appreciation.

Information Items

2. Suncor Energy USA Inc., Refinery Groundwater Contamination on Robert W. Hite Treatment Facility Site (O/F/E)
3. City of Brighton Service Contract Amendment (O/F/E)
4. Northern Treatment Plant Post Aerobic Digestion Improvements Project (PAR 1434) – Selection Committee for Consultant Engineer (O/F/E) 2
5. Industrial Pretreatment Program Annual Reports (O/F/E) 3
6. Metro Water Recovery Meet the Team – Environmental Services Regulatory Affairs (O/F/E) 4
7. Status of Capital Improvement Projects Report (O/F/E) 5
8. Current Activities/Operational Performance Report (O/F/E) 6
9. Financial Reports (O/F/E) 7
10. Upcoming Events (O/F/E) (*Separate Attachment*)

**RESOLUTION
BOARD OF DIRECTORS
METRO WATER RECOVERY
April 18, 2023**

WHEREAS, the staff of Metro Water Recovery, hereinafter referred to as “Metro,” are essential workers critical to the societal fabric of the 2.2 million people Metro serves, and their criticality was at no time more evident than through the COVID-19 pandemic; and

WHEREAS, Metro’s staff provide a diverse range of services from operation and maintenance of Metro’s two treatment facilities, to supporting businesses in the community through the industrial pretreatment program, to administrative and support services which all contribute to Metro achieving its mission to protect the region’s health and environment by cleaning water and recovering resources; and

WHEREAS, in a Proclamation Governor Jared Polis has designated April 16-22, 2023 as Wastewater Worker Recognition Week; and

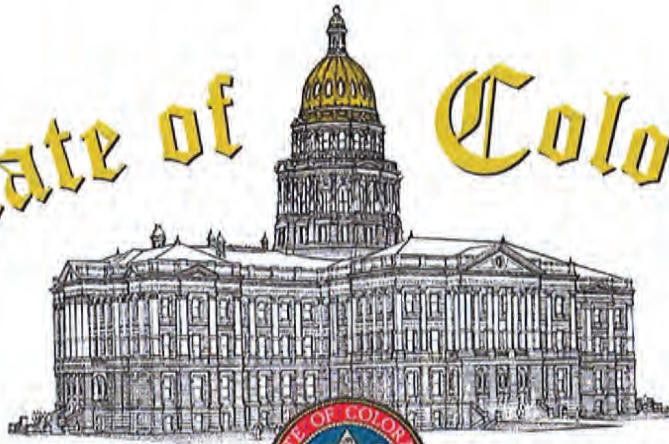
WHEREAS, in addition to the recognition by the Governor, the Board of Directors desire to recognize Metro staff for their continuous, uninterrupted operation of essential services which protect the public health and environment of the region; and

WHEREAS, the Board would like to honor such dedication and integrity in resolution; and

WHEREAS, the Operations, Finance, and Executive committees, after having reviewed the matter, officially honor Metro’s wastewater treatment workers’ show of integrity and responsibility during emergency situations and daily operations;

NOW, THEREFORE, BE IT RESOLVED the Board of Directors honor Metro’s wastewater treatment workers for their consistent show of integrity and responsibility during emergency situations and daily operations.

State of Colorado



Proclamation

WHEREAS, Colorado's water is a valuable economic, environmental, and recreational resource that should be protected; and

WHEREAS, Colorado's wastewater treatment workers consistently work to improve the cleanliness of Colorado's streams, rivers, and lakes; and

WHEREAS, Colorado's wastewater treatment workers include operators, maintenance personnel, laboratory workers, sewer maintenance workers, biosolids workers, industrial waste pretreatment workers, administrative workers, engineers, and suppliers; and

WHEREAS, Colorado's wastewater treatment workers have served as essential workers through the COVID-19 pandemic; and

WHEREAS, it is fitting to honor Colorado's wastewater workers for protecting water and the environment and recovering valuable resources;

THEREFORE, I, Jared Polis, Governor of the State of Colorado, do hereby proclaim the period of time between April 16 and April 22, 2023, as

WASTEWATER WORKER RECOGNITION WEEK

in the State of Colorado.

GIVEN under my hand and the Executive Seal of the State of Colorado, this sixteenth day of April, 2023



A handwritten signature in blue ink that reads 'Jared Polis'.

Jared Polis
Governor

METRO WATER RECOVERY

MEMORANDUM

TO: Mickey Conway, Chief Executive Officer **DATE:** March 24, 2023

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

RE: Northern Treatment Plant Post Aerobic Digestion Improvements Project (PAR 1434)
Designation of Selection Committee Members for Consultant Engineer

RECOMMENDATION

We recommend the Executive Committee designate two Directors to serve on a Selection Committee to select a consulting engineering firm (Consultant) to perform engineering services for the Northern Treatment Plant (NTP) Post Aerobic Digestion (PAD) Improvements Project (PAR 1434) (Project). Interviews will be held and a Consultant selected on May 18, 2023. Directors interested in serving on the Selection Committee are asked to notify their Standing Committee Chair prior to the April 11, 2023 Executive Committee meeting.

SUMMARY

Metro Water Recovery's NTP was commissioned in 2016 as part of Metro's continued effort to meet economic development and growth needs. As part of the solids process stream at NTP, [PAD](#) was implemented following [anaerobic](#) digestion to remove [total nitrogen](#) prior to [dewatering](#), reducing the burden of sidestream nutrients to the plant. This process was designed as a full-scale pilot to evaluate this technology for Metro, and while operation of this system has proven it is viable for treatment of both [nitrogen](#) and [phosphorus](#) in digested sludge, multiple limitations have been identified with the original approach which will limit NTP's ability to meet future tighter discharge permit limits anticipated under [Regulation 31](#). Various studies and demonstrations have determined modifications are needed to improve the chemical feed, [aeration](#), and temperature control capabilities of the PAD process to better mitigate sidestream nutrient loading. Each of these modifications have been included within the scope of the project to provide effective PAD treatment capacity through early 2030.

Metro Water Recovery requires the experience of a qualified consultant to evaluate and design the modifications necessary for the PAD's chemical storage and feed, aeration, and temperature control systems to mitigate sidestream nitrogen and phosphorus loading. The selected consultant will assist in contractor selection for a [Construction Manager-At-Risk](#) (CMAR) agreement, and perform conceptual, preliminary, and final design services for this Project. Metro's [Purchasing and Contracts Policy](#) require the Consultant selection be made by a committee of Metro staff and Directors as the estimated costs for Consultant services are greater than \$1.5 million. Two members from the Board of Directors are needed to serve on the Consultant Selection Committee.

BACKGROUND

PAD is a solids treatment process following anaerobic digestion designed to remove total nitrogen prior to dewatering, reducing the burden of sidestream nutrients to the plant. The PAD process at the NTP was designed as a full-scale pilot to evaluate this technology for Metro Water Recovery, and Metro's installation was the second full-scale PAD process in the United States at the time. While the technology has proven to be viable and beneficial to the treatment system since commissioning in October 2016, multiple limitations have been identified with the original approach which will limit NTP's ability to meet future tighter discharge permit limits anticipated under Regulation 31. This problem is further compounded by issues with the configuration of the BioReactors which limit [biological nutrient removal](#) performance. In addition to sidestream nitrogen, the necessity of mitigating the return of sidestream phosphorus when [enhanced biological phosphorus removal](#) is paired with anaerobic digestion has become apparent at the organization and across the industry since the design of NTP. While PAD was originally intended to treat nitrogen, demonstrations have proven phosphorus can also be sequestered in the process, representing a unique opportunity to concurrently mitigate sidestream nitrogen and phosphorus loads in a single tank configuration.

Sidestream loads can comprise between 20 percent to 30 percent of the influent nutrient load to a facility. High nutrient loads from the sidestream are especially problematic for NTP. In fact, the influent [ammonia](#) and phosphorus loads are 50 percent and 15 percent higher than the original design loads to the plant, respectively, while the influent carbon load is similar to the original design values. This higher loading, as well as limitations in the chemical, aeration, and temperature control systems, limit the current effectiveness and capacity of the PAD process. Flow and loadings are anticipated to continue to increase with the addition of new Connectors and the completion of the Second Creek Interceptor.

JUSTIFICATION FOR BOARD ACTION

Metro Water Recovery requires the assistance of a Consultant to design the necessary modifications of several components of the PAD process for mitigation of sidestream nutrient loading to the head of the plant, generally including:

1. PAD Chemical Storage and Feed System Improvements
2. PAD Aeration Improvements
3. PAD Temperature Control Improvements
4. Engineering Services During Construction (Based upon successful completion of design and negotiation of amendment to agreement)
5. Permitting
6. CMAR Contractor Pre-Construction Services Support

The selected Consultant will assist Metro Water Recovery with the procurement of a CMAR Contractor; perform conceptual, preliminary, and final design services; and assist with the Colorado Department of Public Health and Environment (CDPHE) and Commerce City permitting. Based on successful performance during these phases, the Consultant will also be responsible for engineering services during construction.

On March 23, 2023, Metro Water Recovery issued a Request for Proposals (RFP) for consulting services for the Project, proposals will be received from Consultants on April 27, 2023, and Metro staff will shortlist no more than three firms by May 5, 2023. The selected firms will be invited for presentations and interviews on May 18, 2023.

Metro Water Recovery's *Purchasing and Contracting Policies* require the Consultant selection be made by a committee of Metro staff and Directors as the estimated costs for consultant services are greater than \$1.5 million. Two members from the Board are needed to serve on the Consultant Selection Committee.

Interview Schedule

Three presentation/interviews are anticipated and will be conducted on May 18, 2023 in the Visitor's Center Presentation Room at NTP with the following tentative schedule:

10:00 – 10:30 a.m.	Review Project Scope with Selection Committee
10:30 – 11:30 p.m.	Consultant 1 Interview and Discussion
11:30 – 12:00p.m.	Lunch
12:00 – 1:00 p.m.	Consultant 2 Interview and Discussion
1:00 – 2:00 p.m.	Consultant 3 Interview and Discussion (if needed)
2:00 – 2:30 p.m.	Consultant Ranking and Discussion

Following the last presentation/interview, each Selection Committee member will rank the three Consultants in order of preference. The Selection Committee will then come to a consensus on the ranking, and Directors on the Selection Committee will instruct Metro Water Recovery staff to negotiate an agreement with the highest-ranked Consultant.

CONTRACT INFORMATION

After negotiating an agreement (scope of work and fees) with the highest-ranked Consultant, Metro Water Recovery staff will request the Board authorize the Chief Executive Officer to enter into a standard Professional Services Agreement with that Consultant.

FINANCIAL IMPACTS

The [Ten-Year Capital Expenditure Schedule](#) used to prepare the cash flow schedule for the 2024 Proposed Budget includes \$10.9 million for this Project. Pursuant to Metro Water Recovery's capital financing policy, this Project will be 100 percent funded from the Fixed Asset Replacement Fund.

METRO WATER RECOVERY

MEMORANDUM

TO: Mickey Conway, Chief Executive Officer

DATE: March 17, 2023

FROM: Jennifer Robinett, Director of Environmental Services
Pragati Sharma, Senior Industrial Pretreatment Program Manager
Jack Mirabile, Industrial Pretreatment Manager,
Ted Graber Industrial Pretreatment Manager

RE: Industrial Pretreatment Program
(1) Gold and Platinum Award Recognition for Calendar Year 2022
(2) Significant Industrial Users in Significant Noncompliance for Calendar Year 2022

Calendar Year 2022 Gold and Platinum Award Recognition

In 1992, Metro Water Recovery's Board of Directors began the Industrial Pretreatment Program's (IPP) Gold and Platinum Awards Program (Program) to encourage and reward outstanding compliance by permitted discharging Significant Industrial Users (SIUs) (those with Wastewater Discharge Permits), non-discharging SIUs (those with Zero Discharge Permits), and industrial users regulated under Best Management Practices (BMPs) or special discharge authorizations not currently included in the Program. Specifically, the Program recognizes discharging SIUs which demonstrate a commitment to environmental excellence by achieving full compliance with all pretreatment program standards and requirements, including permit requirements. Additionally, the SIUs which meet the criteria for receiving a Gold or Platinum Award require less IPP resources than other SIUs. Platinum Awards are issued to SIUs which demonstrate a minimum of five consecutive years of full compliance; Gold Awards are issued to SIUs which demonstrate at least one year of full compliance, but do not meet the criteria for receiving a Platinum Award.

Formal recognition of the Gold and Platinum Award recipients is typically accomplished through the presentation of Gold and Platinum Awards at a ceremony and breakfast held at one of Metro Water Recovery's facilities. During the awards ceremony and breakfast, Platinum Award recipients receive an engraved plaque and Gold Award recipients receive a framed certificate. The *2022 Awards Ceremony and Breakfast* will take place on May 10, 2023 in the Boardroom of the Administration Building at the Robert W. Hite Treatment Facility.

When the Program began in 1992, only six percent of eligible SIUs met the criteria for receiving an award. For calendar year (CY) 2022, 29 percent of SIUs met the criteria for receiving an award. Of the fourteen award recipients for 2022, eleven will be presented with Gold Awards and three will be presented with Platinum Awards. The CY 2022 award recipients are listed in Tables I and II, respectively.

Industrial Pretreatment Program

(1) Gold and Platinum Award Recognition for CY 2022

(2) SIUs in Significant Noncompliance for CY 2022

March 17, 2023

Table I
Calendar Year 2022 Gold Award
Recipients

No.	Connector	Discharger Name
1	City of Arvada	Advanced Surface Technologies, Inc.
2	City of Arvada	Industrialex Manufacturing Corp.
3	City of Aurora	Lowry Landfill Superfund Site
4	City and County of Denver	Denver Metal Finishing
5	City and County of Denver	KBP Coil Coaters, Inc.
6	City and County of Denver	Safeway, Inc., Denver Milk
7	City and County of Denver	Swire Coca-Cola, USA
8	City and County of Denver	Ziegenfelder Company, Inc., The
9	City and County of Denver	Upsher-Smith Laboratories, LLC
10	North Table Mountain Water and Sanitation District	Water Remediation Technology, LLC
11	North Table Mountain Water and Sanitation District	CoorsTek, Inc.

Table II
Calendar Year 2022 Platinum Award
Recipients

No.	Connector	Discharger Name
1	City of Aurora	Advanced Circuits, Inc.
2	City and County of Denver	United States Mint
3	North Washington Street Water & Sanitation District	Fathom Manufacturing (formerly Majestic Metals, LLC)

Industrial Pretreatment Program

(1) Gold and Platinum Award Recognition for CY 2022

(2) SIUs in Significant Noncompliance for CY 2022

March 17, 2023

CY 2022 Significant Noncompliance Evaluation and Determination

The federal Pretreatment Regulations and Metro Water Recovery's Colorado Discharge Permit System (CDPS) permits require Metro annually, for the preceding twelve-month period:

1. Evaluate the compliance of permitted SIUs and applicable industrial users.
2. Identify those with violations which meet the Significant Noncompliance (SNC) criteria included in the federal regulation at 40 CFR § 403.8(f)(2)(viii)(A-H). The SNC criteria encompasses the following:
 - Recurrence of effluent violations;
 - Magnitude of effluent violations;
 - Other violations which cause treatment bypass/pass-through or which endanger Metro's staff or the general public;
 - Any discharge of a pollutant which has caused imminent endangerment to human health, welfare, or to the environment or has resulted in Metro exercising its authority to halt or prevent such a discharge;
 - Failure to meet a permit or enforcement order compliance schedule milestone related to starting construction, completing construction, or attaining final compliance within 90 days after the specified deadline;
 - Failure to submit a required report within 45 days after the specified deadline;
 - Failure to accurately report non-compliance;
 - Any other violation or group of violations, including violations of BMPs, which Metro determines will adversely affect the operation or implementation of its IPP;
3. Publish the list of SIUs and applicable industrial users found to be in SNC in the newspaper of general circulation in Metro's service area.
4. Address the SNC through appropriate enforcement.

The CY 2022 SNC evaluation and determination covers the period from January 1, 2022 through December 31, 2022. For CY 2022, seven SIUs (or 14 percent of SIUs) were found to be in SNC (Table III). Metro Water Recovery published the CY 2022 SNC list (Attachment A) in the *Denver Post*. Each of the listed SIUs has already received or will be receiving a formal enforcement order from Metro to address the SNC findings.

TABLE III

No.	Connector	Discharger Name	Quarter(s)
1	City of Arvada	Wanco, Inc.	2, 3, 4
2	City and County of Denver	Accu-Tube, LLC	2
3	City and County of Denver	Dawn Food Products, Inc.	4
4	City and County of Denver	Finishing Professionals, LLC (Aegis Capital, LLC)	1 & 2
5	City and County of Denver	Specialty Plating, Inc.	2 & 3
6	Crestview Water & Sanitation District	Valicor Environmental Services, LLC	1
7	North Pecos Water & Sanitation District	Airvac Services Inc.	4

Attachment A

NOTICE: SIGNIFICANT NONCOMPLIANCE (SNC) WITH INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

Publicly Owned Treatment Works (POTWs) like Metro Water Recovery (Metro) are designed to treat residential sewage (domestic waste, which come from household toilets, showers, dishwashers, and sinks) and not the types of contaminants that are present in wastewater from commercial and industrial businesses. Discharges from businesses can harm the equipment and operations of a POTW and the downstream water bodies. The Federal Clean Water Act established the National Pretreatment Program to protect POTWs through the control of sanitary sewer discharges from commercial and industrial businesses. The Environmental Protection Agency (EPA) approved Metro's Industrial Pretreatment Program in 1986. Under this authorization from EPA, Metro Water Recovery (Metro) is responsible for applying and enforcing pretreatment standards and requirements for industrial users (IUs) throughout its service area.

This notice has been issued in accordance with the public participation requirements under 40 CFR part 25 in the enforcement of National Pretreatment Standards and pursuant to EPA's approval of Metro's IPP and Metro's Colorado Discharge Permit System (CDPS) permits. Under these public participation requirements, Metro must annually publish a list of IUs within its service area that, over the previous 12 months, were in SNC with applicable Pretreatment requirements. Violations which meet one or more of the criteria listed 40 CFR Part 403.8(f)(2)(viii)(A-H) are considered to be SNC.

Specific questions regarding the contents of this notice may be directed to the contact listed at the bottom.

PERIOD COVERED BY THIS NOTICE:

January 1, 2022 – December 31, 2022

COMPANY NAME	SPECIFIC PERIOD(S) OF SNC
Accu-Tube, LLC	Quarter 2
Airvac Services Inc	Quarter 4
Dawn Food Products, Inc.	Quarter 4
Finishing Professionals, LLC (Aegis Capital, LLC)	Quarters 1 & 2
Specialty Plating, Inc.	Quarters 2 & 3
Valicor Environmental Services, LLC	Quarter 1
Wanco, Inc.	Quarters 2, 3, 4

For further information, contact:

Pragati Sharma
Senior Industrial Pretreatment Program Manager
Metro Water Recovery
6450 York Street
Denver, Colorado 80229-7499
303-286-3000



The Regulatory Affairs – Compliance Team members are Rebecca Sturgeon, Katie Koplitz, Jennifer Schwarz, Joshua Oliver, Eleonora Borisova, and Carissa Cumine (back row, left to right) Amanda Clements, Jori Nelson, Peter Munson (front row, left to right).

During Metro Water Recovery's rebranding process, employees self-identified as guardians of the environment. As those responsible for implementing environmental compliance programs at all Metro facilities, the Regulatory Affairs – Compliance Team may be considered the guardian of the guardians.

Metro Water Recovery's environmental obligations extend beyond the effluent discharge permits to air quality, biosolids application, waste management, and industrial and construction stormwater. This team provides regulatory support to all departments at Metro and also supports all capital projects and activities with potential environmental impacts or requirements.

The Regulatory Affairs – Compliance Team facilitates compliance by conducting inspections; collecting and managing permit-required data, information, and documentation; and preparing reports required under Metro Water Recovery's permits.

2023 Projects

- Asbestos Containing Material Surveys (PAR 1433)
- Automation of Compliance Calculations via Alteryx
- Regulatory Management Plan Updates
- Geographic Information System (GIS) Development
- Procurement of Stormwater Management Software



The Regulatory Affairs – Compliance Team is located on the second floor of the Technical Services Building at the Robert W. Hite Treatment Facility.

Katie Koplitz

Senior Regulatory Affairs Manager

Katie joined Metro Water Recovery and this team seven years ago, after providing similar expertise for consulting firms. In addition to leading the division, she describes her role as “outward-facing, acting as a liaison with other organizations and groups regarding regulations and rulemaking.”

Katie also provides expertise, testimony, and other support for rulemaking hearings and other forums to the Office of the General Counsel.

Katie best enjoys moving Metro Water Recovery’s regulatory programs forward and automating data-driven decisions. Her team has partnered with Metro’s Information Technology team to develop tools to help other departments operate in compliance.



Katie with her husband, Marcus

For fun, Katie enjoys cooking and keeps a garden. Her team made sure she mentioned her sourdough bread and garden giveaways – regularly shared with them – in this publication. She and her husband foster dogs, and she likes to get outside and walk and hike.

Masters in Environmental Engineering, Bachelors in Environmental Science, Certified Hazardous Materials Manager (CHMM), CWP



Eleonora Borisova

Senior Regulatory Compliance Specialist

Eleonora has been with Metro Water Recovery and the team for three and a half years. Before Metro, she was at CDM Smith as an environmental engineering project manager.

Eleonora is Metro Water Recovery's "go-to" for waste disposal needs, from capital project-generated waste to office cleanups. She is responsible for spill prevention, response, and related documentation. She also is the Metro Project Manager for the Asbestos Containing Material Surveys project.

Eleonora appreciates that at Metro “every day is different, with new challenges and diversified work.” She also enjoys working with people in different departments and at different levels.



Eleonora and her grandchildren

Outside of work, Eleonora likes reading, walking, traveling – and her team wanted to make sure she mentioned her knitting in this publication.

Masters in Civil Engineering (Water/Wastewater), Bachelors in Civil Engineering/Environmental Emphasis; Asbestos Building Inspector, Asbestos Management Planner, Asbestos Project Design, and CHMM certifications



Amanda Clements

Engineer Associate

Amanda has been a member of this team and Metro Water Recovery for two years. In her previous job, she oversaw environmental compliance for oil and gas facilities.

Amanda’s focus on this team is performing analysis and calculations on compliance data for various regulatory projects and reports, primarily to meet the requirements of discharge permits. Amanda also works on the creation of regulatory tools using programs like Alteryx and PowerBI.

Amanda readily admitted her favorite part of the job is she gets “to work with people with vast knowledge, which is everyone here.”



Amanda and her dog, Scout, at White Ranch Park in Golden

When not at work, Amanda likes to spend time outside and with friends. Her teammates made sure she remembered to include in this publication that she also likes to cross-country ski.

Bachelors in Environmental Engineering, NCEES Engineer In Training, Alteryx Core Designer certification



Carissa Cumine

Sampling and Data Quality Coordinator

Carissa joined Metro Water Recovery and the team one year ago, having worked as a project manager at SGS Laboratories providing similar expertise.

“I am my job title,” Carissa explained when asked about her work on the team. She coordinates sampling and manages and quality checks data before sharing it with plant operators via the Labworks database.

Carissa’s days include a lot of legwork, as she orders sampling kits, prepares chains of custody, and interfaces with outside laboratories. She enjoys problem solving, spreadsheets, and becoming more knowledgeable about analytical methods.



Carissa with her daughter, Megan

Carissa’s time outside of work is happily consumed by raising her two-and-a-half-year-old daughter, Megan, and playing with their dogs. Her teammates wanted her to include in this publication that Megan keeps trying to ride their Great Danes like horses, but Carissa is teaching her how to walk the dogs instead.

Bachelors in Marine Biology



Jori Nelson

Regulatory Compliance Associate

Jori joined Metro Water Recovery and the Regulatory Affairs team in May 2021. Previously, she worked at a municipal reverse osmosis facility in Florida where saline groundwater was treated to potable water standards. There, she helped manage the public water system’s compliance with federal and state regulations.

At Metro Water Recovery, Jori is excited to be getting exposure to a variety of different programs, including biosolids, stormwater, waste, air, water, and more. She supports several team initiatives and currently is working on a project to make more data available spatially within Metro’s GIS database.

Jori’s favorite part of this job is getting to network and learn from her peers. As a young professional, Jori finds such learning experience to be invaluable and appreciates all the time her coworkers spend mentoring her.



Jori and her three rescue dogs: Peanut, Oliver, and Teddy (left to right)

Outside of work, Jori and her team said she “tries not to adopt any more dogs.” She spends her free time with the three dogs she already has. Her team also wanted her to share she has a knack of finding strays, including the one that got away across York Street one recent day.

Bachelors in Environmental Science, Professional Science Masters in Environmental Science, Colorado Certified Water Professional, Class D Wastewater Treatment Operator



Joshua Oliver

Regulatory Compliance Manager

Josh has been on the team and at Metro Water Recovery for four months. Before joining, he was an environmental manager for concrete, asphalt, sand, and gravel facilities in the private sector.

Josh is in a new, internally facing position. “I’m involved in everyone’s project,” he explained. He provides pertinent input during project meetings and acts as a liaison between project teams and this team.

Josh best enjoys working with the different departments to get work done, solve problems, and see progress. He finds it rewarding that Metro Water Recovery cares about and acts to protect the environment.



Josh and his wife, Sharon, and Gabby and Logan

Josh stays busy outside of work playing crazy games and going to the park with his two young children – two-and-a-half years old and nine months old. His team members thought it fitting for him to share his older child is “into poop right now” since the rest of us at Metro Water Recovery are as well.

Bachelors in Environmental Science, Hazardous Waste Operations and Emergency Response (HAZWOPER) Certification

Jennifer Schwarz

Senior Regulatory Compliance Specialist

Jennifer has been on the team and with Metro Water Recovery for 20 years. Before that, she provided similar expertise for private consulting firms.

On this team, Jennifer leads air permitting compliance for all Metro Water Recovery’s facilities. She also leads compliance for aboveground and underground storage tanks.

Jennifer explained one new role is partnering with the Resource Recovery and Reuse Department to “transition biosolids regulatory compliance and reporting into this team’s responsibilities.” This includes a complete regulatory review of the program and developing recommendations for efficiencies and updates as necessary.



Jennifer in the Grand Canyon National Park with son, Wesley, and husband, Eric

Jennifer likes the variety of work and working on all the different Metro Water Recovery capital projects.

For fun, Jennifer spends time with family and friends. She enjoys being outside, walking, and hiking and would like to get back to skiing and biking when time allows.

Masters in Environmental Science and Engineering, Bachelors in Geology; A/B UST Operator; EPA Method 9 Visible Emissions Certification; CDPHE Odor Monitoring



Rebecca Sturgeon

Regulatory Compliance Specialist

Becky is one of the growing number of employees who have returned to Metro Water Recovery after leaving for other opportunities. She started her career here for three years in the 1990s and returned two years ago after providing stormwater and pretreatment compliance expertise for other agencies.

Becky oversees and supports construction and industrial stormwater permits for Metro Water Recovery’s facilities. “My passion is water quality,” she readily admitted. Working with Metro’s different divisions and contractors is her favorite part of the job. She finds it rewarding that “we’re all on the same team.”



Zander, Becky, and Ed on a Park County trail (left to right)

Becky spends her free time with her husband and son. They enjoy camping, hiking, fishing, and exploring jeep trails in the summer on undeveloped mountain land they own. In the winter, she and her husband volunteer at their son’s private school, serving hot lunch on Fridays.

Bachelors in Biology, Certified Professional in Erosion and Sediment Control, Certified Transportation Erosion Control Supervisor, 40-Hour HAZWOPER Certification, Early Childhood Education Teacher Certification



Peter Munson

Regulatory Compliance Technician

Peter had joined the team just over a week before being interviewed for this publication. Before Metro Water Recovery, he briefly provided environmental remediation expertise for oil and gas companies and before that enjoyed traveling western U.S. states and providing compliance support for aboveground and underground storage tanks.

Peter explained his focus on this team is “data entry and taking work off other people’s plates” to free them up for less “tedious” tasks. He also is bringing GIS skills for building that part of the team’s program.

Peter’s favorite part of what he does is being a part of Metro Water Recovery’s impact on the environment. He is a big fisherman and likes seeing more native species downstream.



Peter and his fiancée, Jess, in Yellowstone

Peter is an avid fly-fisherman and enjoys outdoor activities of all types. These include camping, hiking, and summiting Colorado’s fourteeners. To date, he has most of these 54 high-endurance climbs under his belt – and boots.

Bachelors in Geology, Associate’s in General Science, A/B UST Operator certification



Peter was kind enough to share these photos of himself at the Crystal Mill and the summit of Humboldt Peak, and they were too spectacular not to include in this space.

METRO WATER RECOVERY

MEMORANDUM

TO: Mickey Conway, Chief Executive Officer **DATE:** March 15, 2023
FROM: Andy Nelson, Director of Engineering
RE: Status of Capital Improvement Projects Report Through February 2023

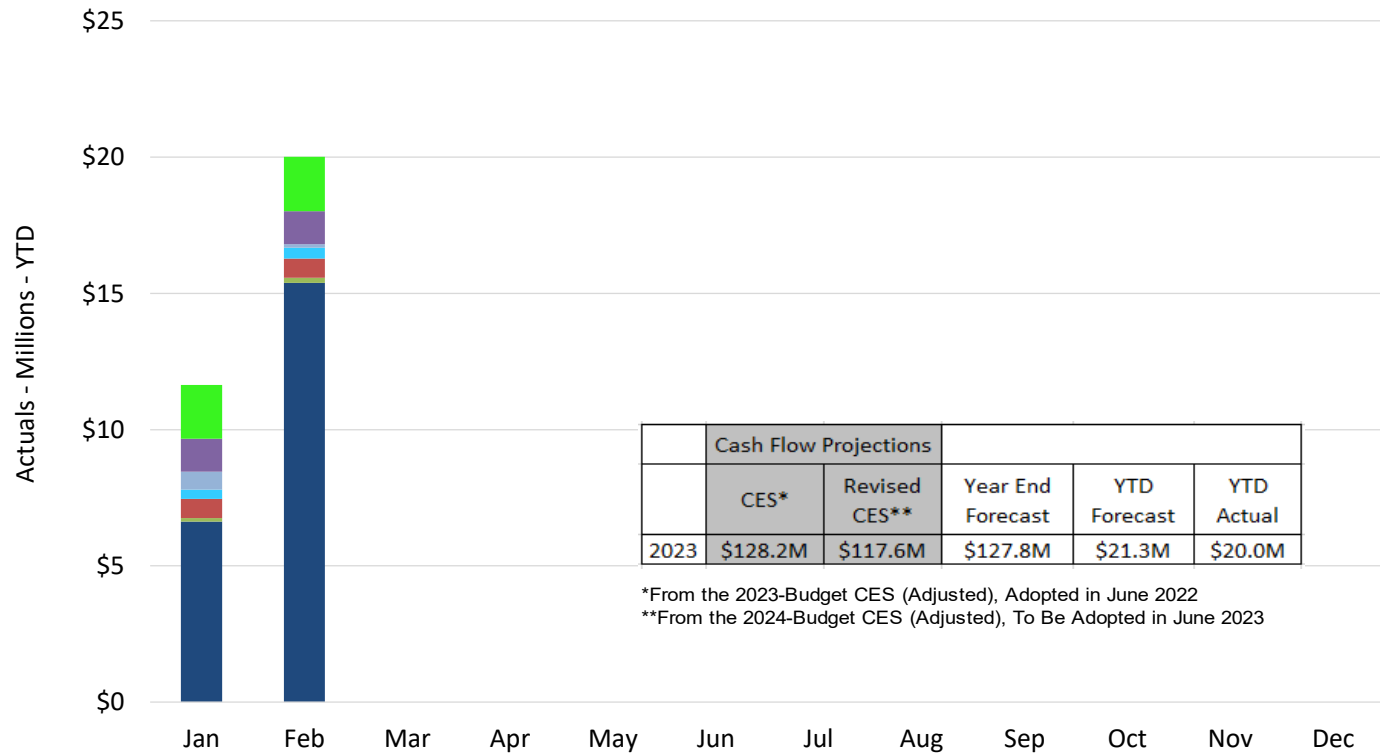
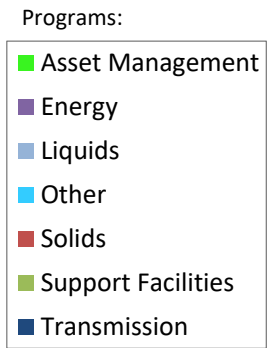
The monthly Status of Capital Improvement Projects Report provides information on capital improvement projects. The Report includes:

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 2023 *Ten-Year Capital Expenditure Schedule* (CES) amount, the Revised 2023 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

Attachement 1

CAPITAL IMPROVEMENT PROJECTS 2023 Cash Flow Projections versus Actuals through February 2023



	Cash Flow Projections		Year End Forecast	YTD Forecast	YTD Actual
	CES*	Revised CES**			
2023	\$128.2M	\$117.6M	\$127.8M	\$21.3M	\$20.0M

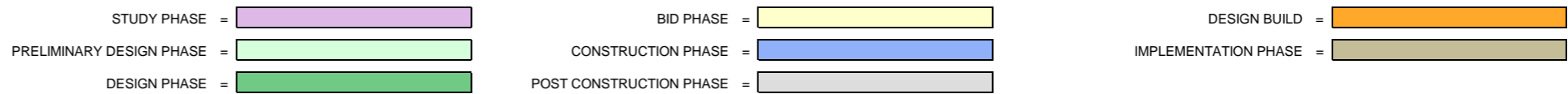
*From the 2023-Budget CES (Adjusted), Adopted in June 2022

**From the 2024-Budget CES (Adjusted), To Be Adopted in June 2023

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>																																																												
1369	TSB FARs and Improvements	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Mar]																																																											
	<i>ASSET MANAGEMENT</i>																																																												
1379	2020 Annual Fixed Asset Replacement Priorities	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Feb]																																																											
1382	North Complex Natural Gas System Replacement	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Mar]																																																											
1408	Potable Waterline Replacement	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Jun]																																																											
	<i>LIQUIDS</i>																																																												
1396	NTP Primary Clarifier Cover Damage Repair	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Apr]																																																											
1400	PAA Disinfection System Improvements	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Sep]																																																											
1411	North Secondary Upgrades and Intensification Project	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Dec, 2025 Jan-Dec, 2026 Jan-Dec]																																																											
1416	NTP Effluent Temperature	[Gantt bar: 2022 Apr-Dec, 2023 Jan-Dec, 2024 Jan-Dec, 2025 Jan-Dec, 2026 Jan-Dec]																																																											
	<i>SOLIDS</i>																																																												
1244	Solids Processing Building Improvements	[Gantt bar: 2022 Jan-Dec, 2023 Jan-May]																																																											
	<i>ENERGY</i>																																																												
1265	Electrical Transmission Service Substation	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Dec, 2025 Jan-Sep]																																																											
1395	Cogeneration Equipment Replacement	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Sep]																																																											
	<i>TRANSMISSION</i>																																																												
1232	Second Creek Interceptor Sand Creek Interceptor System Improvements	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Dec, 2025 Jan-Dec]																																																											
1312	Lift Station (TNW & DM)	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Dec, 2024 Jan-Dec, 2025 Jan-Dec]																																																											
1325	Transmission System Rehabilitation 2020	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Mar]																																																											
1340	Force Main and Siphon Condition Assessment and Cleaning	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Mar]																																																											
1363	Interceptor Rehabilitation 2020-2022	[Gantt bar: 2022 Jan-Dec, 2023 Jan-Jun]																																																											

DATELINE





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																			
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%	\$111,244	\$144,498	\$990,074	\$1,350,000	\$1,350,000	\$994,020	\$355,980
Sub Total for Support Facilities :						\$1,350,000	\$17,500	\$0		\$1,076,758	\$687,876		\$111,244	\$144,498	\$990,074	\$1,350,000	\$1,350,000	\$994,020	\$355,980
Asset Management																			
1379	Annual Fixed Asset Replacement Priorities	Construction	N/A	NEI	Moltz and Sturgeon	\$7,375,000	\$140,000	\$0	0.0%	\$6,525,000	(\$200,000)	-3.0%	\$210,000	\$500,000	\$2,941,343	\$11,728,000	\$12,928,000	\$6,284,949	\$6,643,051
1382	North Complex Natural Gas System Replacement	Construction	DBB	Metro Water Recovery	Blackeagle Energy Services	\$1,143,000	\$0	\$0	0.0%	\$876,797	\$0	0.0%	\$43,308	\$222,895	\$5,056	\$1,142,895	\$1,143,000	\$5,056	\$1,137,944
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	\$65,104	\$1,825,000	\$1,825,000	\$65,104	\$1,759,897
Sub Total for Asset Management :						\$10,343,000	\$140,000	\$0		\$9,053,797	\$802,000		\$268,308	\$880,895	\$3,011,502	\$14,695,895	\$15,896,000	\$6,355,109	\$9,540,891
Liquids																			
1396	NTP Primary Clarifier Cover Damage Repair	Construction	DBB	Stantec Consulting Services, Inc	Hensel Phelps Construction	\$5,919,278	\$129,500	\$0	0.0%	\$4,988,000	\$0	0.0%	\$50,000	\$751,778	\$351,845	\$6,000,000	\$6,000,000	\$422,066	\$5,577,934
1400	PAA Disinfection System Improvements	Design	CMAR	CDM Smith, Inc.	Garney Construction	\$1,654,280	\$1,582,955	\$415,190	35.6%	\$0	\$0	0.0%	\$71,325	\$0	\$1,410,389	\$13,000,000	\$4,080,000	\$2,268,445	\$1,811,555
1411	North Secondary Upgrades and Intensification	Pre-Design	CMAR	Stantec Consulting Services, Inc	PCL Construction, Inc	\$7,524,908	\$7,524,908	\$0	0.0%	\$0	\$0	0.0%	\$0	\$0	\$18,066	\$231,000,000	\$22,400,000	\$229,570	\$22,170,430
1416	NTP Effluent Temperature	Study Phase	N/A	Stantec Consulting Services, Inc	Hensel Phelps Construction Co	\$691,000	\$345,000	\$95,000	38.0%	\$0	\$0	0.0%	\$266,000	\$80,000	\$232,454	\$21,970,000	\$2,036,000	\$368,146	\$1,667,854
Sub Total for Liquids :						\$15,789,466	\$9,582,363	\$510,190		\$4,988,000	\$0		\$387,325	\$831,778	\$2,012,754	\$271,970,000	\$34,516,000	\$3,288,227	\$31,227,773
Solids																			
1244	Solids Processing Building Improvements	Construction	DBB	Brown And Caldwell	MWH Constructors, Inc	\$89,637,329	\$8,704,942	\$463,688	5.6%	\$76,551,836	\$2,356,071	3.2%	\$950,000	\$3,430,551	\$78,431,664	\$96,757,000	\$96,757,000	\$85,438,206	\$11,318,794
Sub Total for Solids :						\$89,637,329	\$8,704,942	\$463,688		\$76,551,836	\$2,356,071		\$950,000	\$3,430,551	\$78,431,664	\$96,757,000	\$96,757,000	\$85,438,206	\$11,318,794
Energy																			
1265	Electrical Transmission Service Substation	Design	CMAR	NEI	PCL Construction, Inc	\$2,076,422	\$1,780,500	\$0	0.0%	\$0	\$0	0.0%	\$50,000	\$245,922	\$1,457,300	\$39,700,000	\$33,026,500	\$3,473,077	\$29,553,423
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	\$681,770	\$44,100,000	\$3,570,976	\$1,375,136	\$2,195,840
Sub Total for Energy :						\$2,783,422	\$2,487,500	\$0		\$0	\$0		\$50,000	\$245,922	\$2,139,069	\$83,800,000	\$36,597,476	\$4,848,213	\$31,749,263



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	\$162,367,399	\$13,830,000	\$0	0.0%	\$136,216,409	\$3,553,879	2.7%	\$5,000,000	\$7,320,990	\$114,422,436	\$194,309,000	\$192,901,417	\$135,520,671	\$57,380,746
1312	Lift Station (TNW & DM)	Construction	CMAR	Stantec Consulting Services, Inc	PCL Construction, Inc	\$38,450,000	\$2,833,000	\$0	0.0%	\$31,960,000	\$0	0.0%	\$1,325,000	\$2,332,000	\$6,944,199	\$41,726,000	\$41,726,000	\$10,160,274	\$31,565,726
1325	Transmission System Structure Rehabilitation 2020	Construction	DBB	Mott MacDonald	Iron Woman Construction	\$3,568,816	\$91,996	\$1,780	2.0%	\$2,852,077	(\$306,523)	-9.7%	\$7,000	\$617,743	\$1,677,087	\$4,008,316	\$4,008,316	\$2,041,451	\$1,966,865
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	\$3,261,503	\$6,859,000	\$6,859,000	\$3,908,793	\$2,950,207
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	\$762,625	\$35,812,000	\$35,812,000	\$27,249,431	\$8,562,569
Sub Total for Transmission :						\$211,435,925	\$17,981,996	\$287,780		\$176,214,071	\$3,247,356		\$6,357,000	\$10,882,858	\$127,067,849	\$282,714,316	\$281,306,733	\$178,880,620	\$102,426,113
Report Total:						\$331,339,142	\$38,914,301	\$1,261,658		\$267,884,462	\$7,093,303		\$8,123,877	\$16,416,502	\$213,652,913	\$751,287,211	\$466,423,209	\$279,804,395	\$186,618,815

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

February 2023 – March 2023

Robert W. Hite Treatment Facility (RWHTF) Operations Department Current Activities



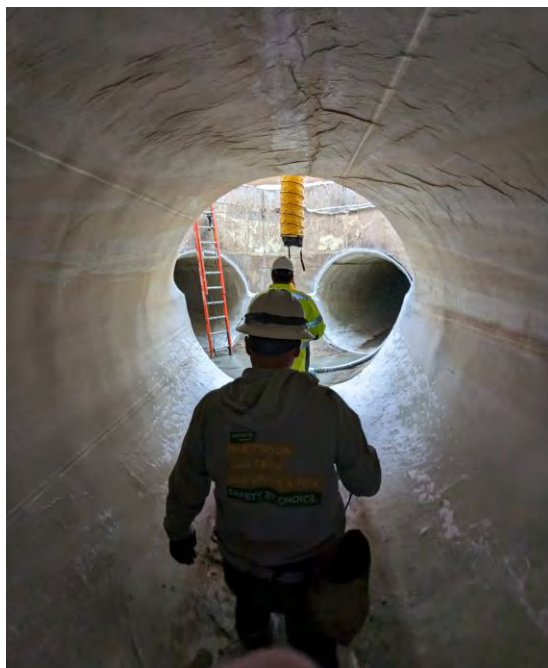
Cured in-place piping “sock”

Bypass pumping has been in place to allow continued use of North Primary Clarifiers 5 and 6, while Clarifiers 1-4 have been completely down.

Since early October 2022, the 114” and 84” Primary Influent lines as well as the 6’ by 6’ Primary Effluent conduit have been out of service for rehabilitation under the Interceptor Rehabilitation 2020 – 2022 Project (PAR 1363).

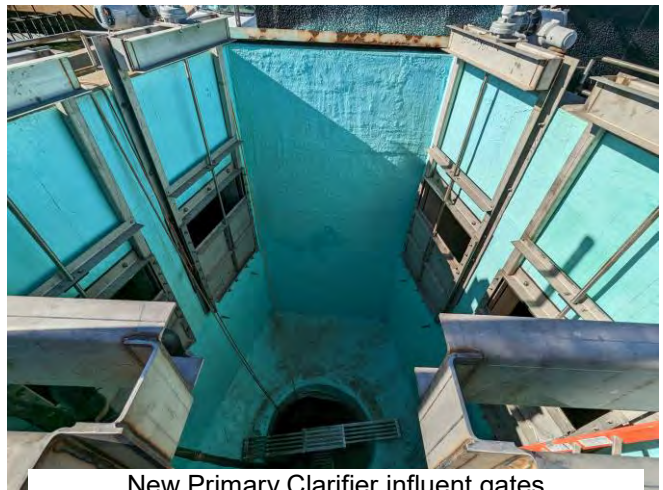


6’x6’ Sliplining



Inspecting the 114” after cured in-place piping

This project used a cured in-place piping (CIPP) method through the Primary Influent pipeline while sliplining was used for the Primary Effluent conduit. Additionally, 12 new influent gates were installed at the splitter structures for Primary Clarifiers 1-6.



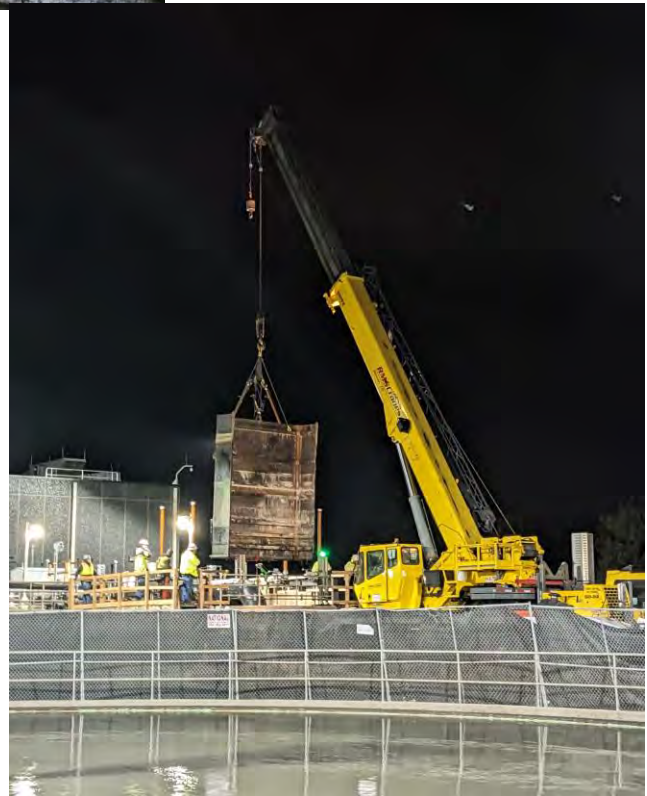
New Primary Clarifier influent gates



Primary Effluent bulkhead removal on February 23, 2023

With the limited capacity of the North Plant during bypass pumping, half of the North Secondary A-Basins were also taken out of service for influent gate replacement under the 2020 Annual Fixed Asset Replacement Priorities Project (PAR 1379). On February 23, 2023 in sub-zero temperatures, an overnight shutdown of the North Secondary Complex was required to remove the bulkhead that isolated the newly sliplined effluent conduit. Soon after, on February 28, an overnight flow diversion was required to remove the influent bulkhead as well as the four pumps used for bypass pumping.

This winter has been new territory for the operation of RWHTF and has taken cooperation and coordination between all of Operations and Maintenance (O&M) and the PAR 1363 project team to get through the completion of this work. The skills and planning abilities of those who have been on the project have been tested for the past six months but have successfully driven this portion of the project to be completed on time prior to the start of the "wet season."



Primary Influent Bulkhead removal on February 28, 2023

**Robert W. Hite Treatment Facility (RWHTF)
Permit Compliance Performance—January 2023**

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	5.70
Nitrate plus Nitrite, mg/L, Daily	9.80
E. coli per 100 mL, 30-day	126.00

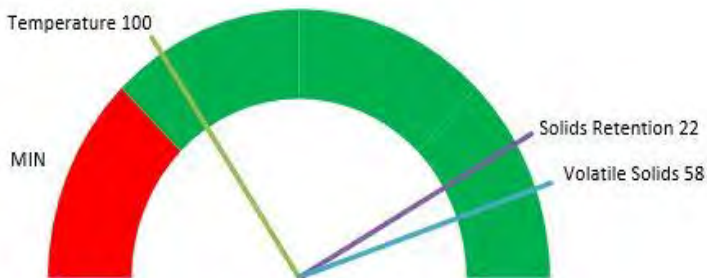
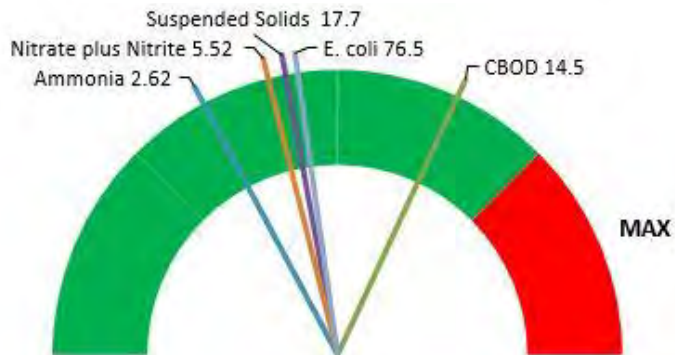
- (a) 7-day average is higher than average due to an outlying data point. Data is being reviewed.
- (b) 7-day average is higher than average due to outlying data points. Data is being reviewed.

503 Regulations/Anaerobic Digester Limit

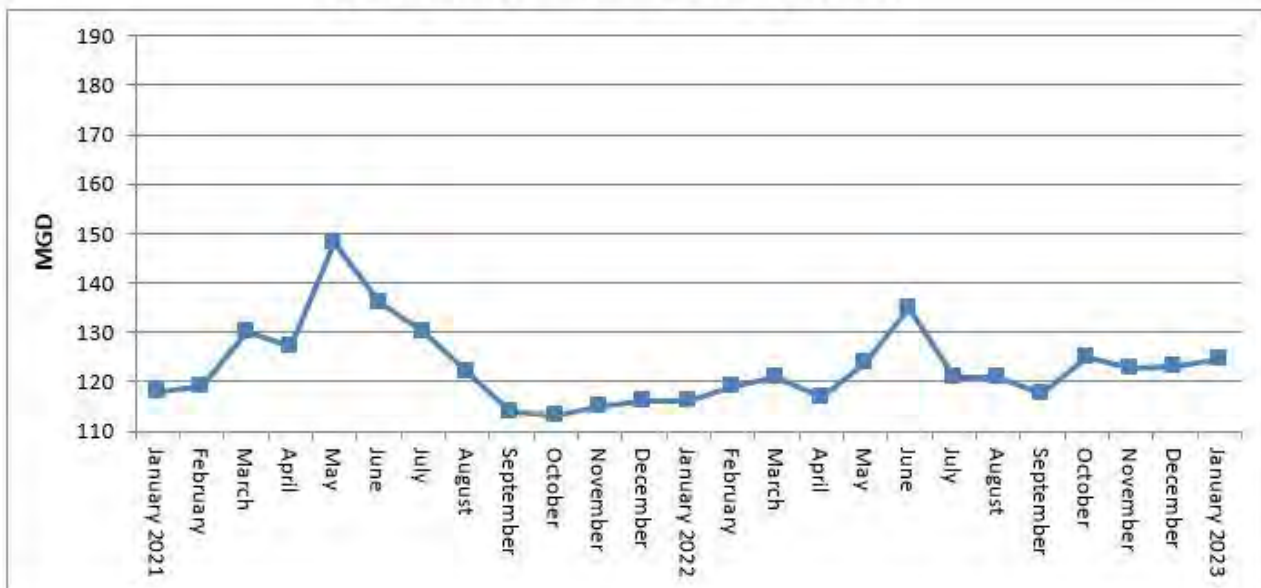
<u>Parameter</u>	<u>Min. Limit</u>
Temperature—Monthly Average °F	95 ¹
Solids Retention – Days	15
Volatile Solids Percent Reduction – Monthly Average	38

¹ A maximum limit also applies; the maximum allowable regulatory monthly average temperature is 131°F.

Performance



RWHTF Total Plant Effluent Flow 2021-2023

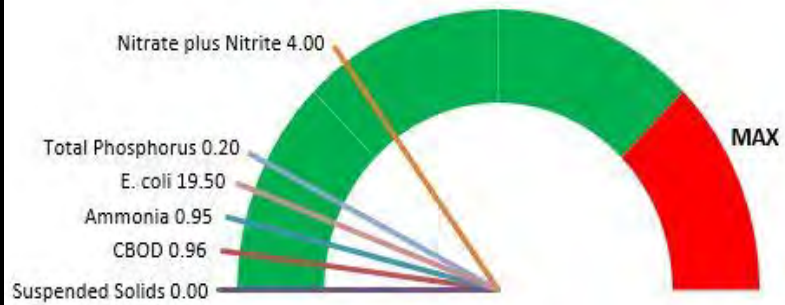


**Northern Treatment Plant (NTP)
Permit Compliance Performance—January 2023**

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	11.45
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*

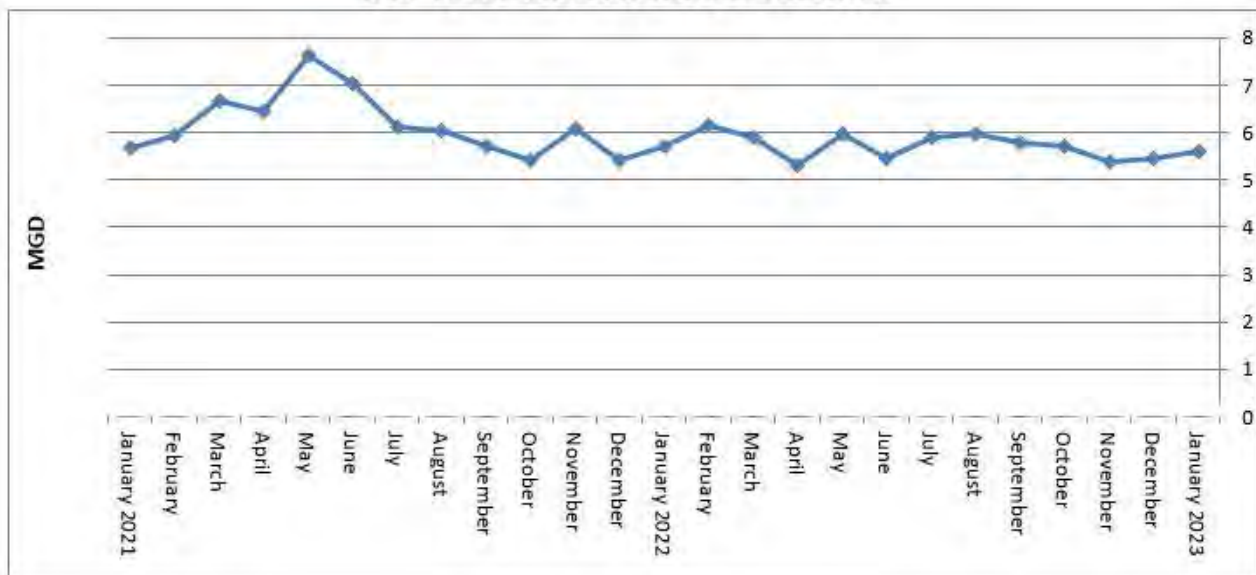
<u>Parameter</u>	<u>Min. Limit</u>
Temperature—Monthly Average °F	95 ¹
Solids Retention – Days	15
Volatile Solids Percent Reduction – Monthly Average	38

¹ A maximum limit also applies; the maximum allowable regulatory monthly average temperature is 131°F.



NTP is currently sending all biosolids to composting facility due to maintenance work; 503 Regulations not applicable at this time.

NTP Total Plant Effluent Flow 2021-2023



MAINTENANCE DEPARTMENT
Current Activities – February 2023

New Electrical Clearance Signage

The National Electrical Code provides guidance on minimum work clearances for electrical equipment and states, “access and working space shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment.” Aligning with Metro Water Recovery’s electrical safety program, Electrical Instrumentation Technicians (EIT) have taken charge in maintaining electrical work clearances in their electrical rooms.



New “No Storage” signage



New signage provides clearance around electrical equipment

EIT Journeyman Trainee Leroy Canterbury has taken lead in creating “No Storage” templates for painting warning signs on electrical room floors to maintain appropriate clearances around electrical switchgear. These signs have also been placed around electrical equipment (pumps, motors, etc.) in order to maintain clearances for scheduled preventive maintenance. While installing the new signage, Mr. Canterbury also inspects the rooms for cleanliness and schedules additional services as needed.

Metro Water Recovery has over 30 electrical rooms located throughout the Robert W. Hite Treatment Facility (RWHTF) varying in size, conditions, and age. The Electrical Division has taken on the initiative of electrical safety in the workplace by controlling this small measure of electrical safety.

Current Maintenance Summary—February 2023

February 2023	Jobs Completed	Overtime ^a	Priority 0 ^{a,b}
Mechanical Maintenance	421	14.7%	6.1%
Electrical Maintenance	221	0.1%	3.2%
Facilities Maintenance	558	0.4%	1.3%

^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 first quarter of 2023 has been an extremely busy one for the RR&R Operations Division. Through the last quarter of 2022, approximately 300 truckloads of biosolids had accumulated in the cake storage facility at the Robert W. Hite Treatment Facility (RWHTF) due to many factors including staff shortages, the holiday season, dedicating staff for startup of the new Biosolids Dewatering and Storage Facility building, and weather events.

With several more weather events occurring in the early weeks of 2023, the RWHTF was fast running out of storage room for biosolids. RR&R management made the decision to implement mandatory overtime for staff in order to get biosolids inventory to a manageable level and continue to keep up with daily plant production.

Beginning January 16, 2023, all RR&R Operations staff were required to work one extra day per week. Thanks to the hard work of the whole division, biosolids inventory is back to a low and manageable level and staff returned to a more normal schedule the week of March 13, 2023.

There were a few notable stats from this period:

- 30.6 average loads per day (normal average is 23).
- Ran two different application sites for a ten-day period (first time in the program's history).
- Most loads hauled in one day on January 31: 45 loads hauled and applied.
- Most loads hauled in one week February 6 – February 11: 201 loads hauled and applied.



Nearly empty cake storage bay

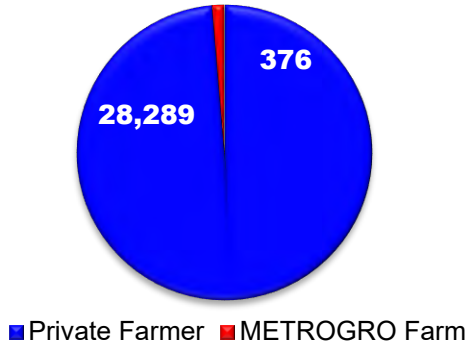


Approximately 20 loads in storage bay

This could not have been possible without the tremendous support provided by the Fleet Maintenance Division to ensure there was enough equipment up and running every day to guarantee mission success as well as several of the fleet technicians volunteering to come in on their day off to haul biosolids.

**RR&R DEPARTMENT
Biosolids Management—February 2023**

RWHTF Total Wet Tons Applied 2023 YTD

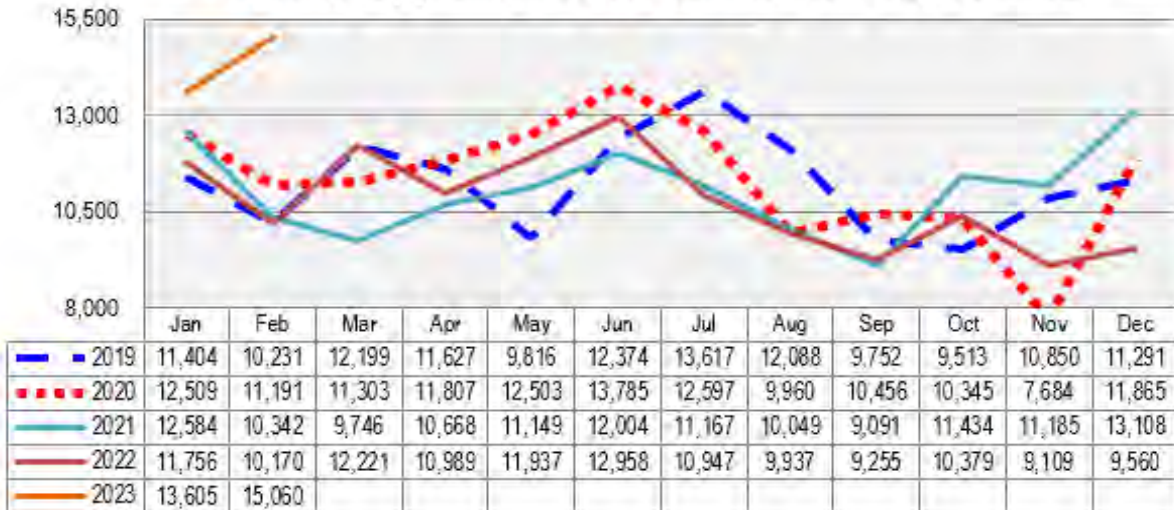


Dry Tons	February 2023	YTD 2023
RWHTF Biosolids		
METROGRO Farm	0	81
Private Farms	2,951	5,609
NTP Biosolids		
Private Composter	96	196
METROGRO Farm	0	0
METROGRO Cake (Total Solids)		
<i>(Percentage)</i>	RWHTF	NTP
Average	19.64	18.63
High	20.20	19.10
Low	17.60	18.15

METROGRO Farm Schedule 2023



RWHTF Applied Wet Ton Totals from 2019 - 2023



METRO WATER RECOVERY

Month End Financial Report February 28, 2023

Economic Update

Metro Water Recovery continues to experience impacts from the current economic cycle. The Denver metro area continues to experience inflation, though prices have been more stable with inflation around 6.4 percent in January. Food, utilities, fuel, and rent prices continue to drive much of the inflation. The Federal Reserve adopted an additional interest rate hike in mid-March to try to combat inflation. Some economists predicted a pullback sooner than expected on interest rate hikes. Economists are also expressing continued uncertainty about this economic environment and potential recession. In March, two regional banks failed, which leads to continued uncertainty of the economy in the near term. Conversely, local and national unemployment rates remain low, which has led to labor shortages accompanied by higher-than-average turnover rates.

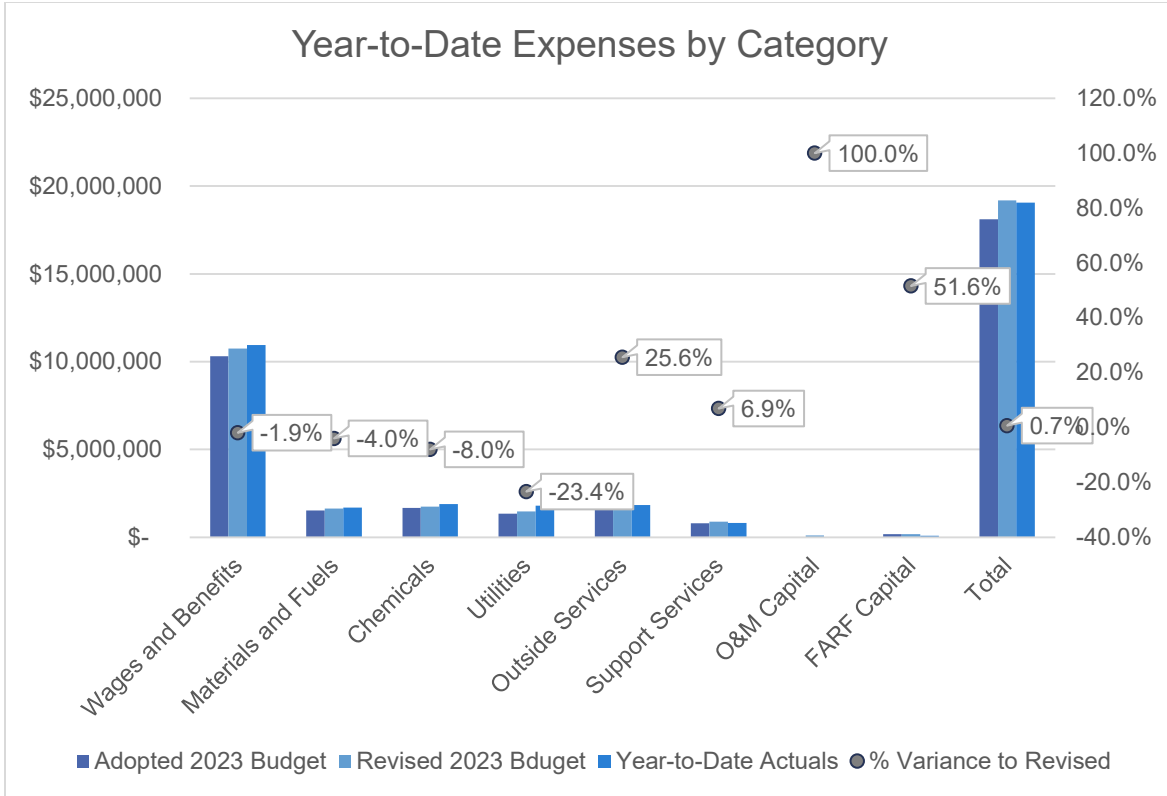
Metro Water Recovery continues to experience higher prices for materials and fuels, chemicals, utilities, and significant escalation of capital project costs. This report captures two months of activities for Metro and shows expenses are tracking right along the revised budget for 2023. Metro staff will continue to monitor operating and capital expenditures to ensure prudent management of resources while continuing to meet the organization's mission. Staff is working to close out 2022 and the final report will be presented in April with the financial audit.

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's operating expenses.

The adopted 2023 Budget, as approved by the Board in June 2022, totals \$109,437,851 for both O&M operating expenses and capital. The revised 2023 Budget totals \$116,009,099. Actual year-to-date expenses are compared to both the 2023 Budget and the revised 2023 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 \$1,060,050 for Fixed Asset Replacement Fund (FARF) capital equipment and vehicles for 2023. This was revised to \$1,089,272 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 February 2023, Metro Water Recovery is reporting an unfavorable actual-to-adopted budget variance for O&M expenses and capital of \$1,036,690 (5.8 percent). The total Metro actual-to-adopted budget variance for all O&M and F&R expenses is unfavorable by \$947,899 (5.8 percent).

Through February 2023, Metro Water Recovery is reporting a favorable actual-to-revised budget variance for O&M expenses and capital of \$38,154 (0.2 percent) and the total Metro actual-to-revised budget variance for all O&M and F&R expenses is favorable by \$131,815 (0.7 percent).

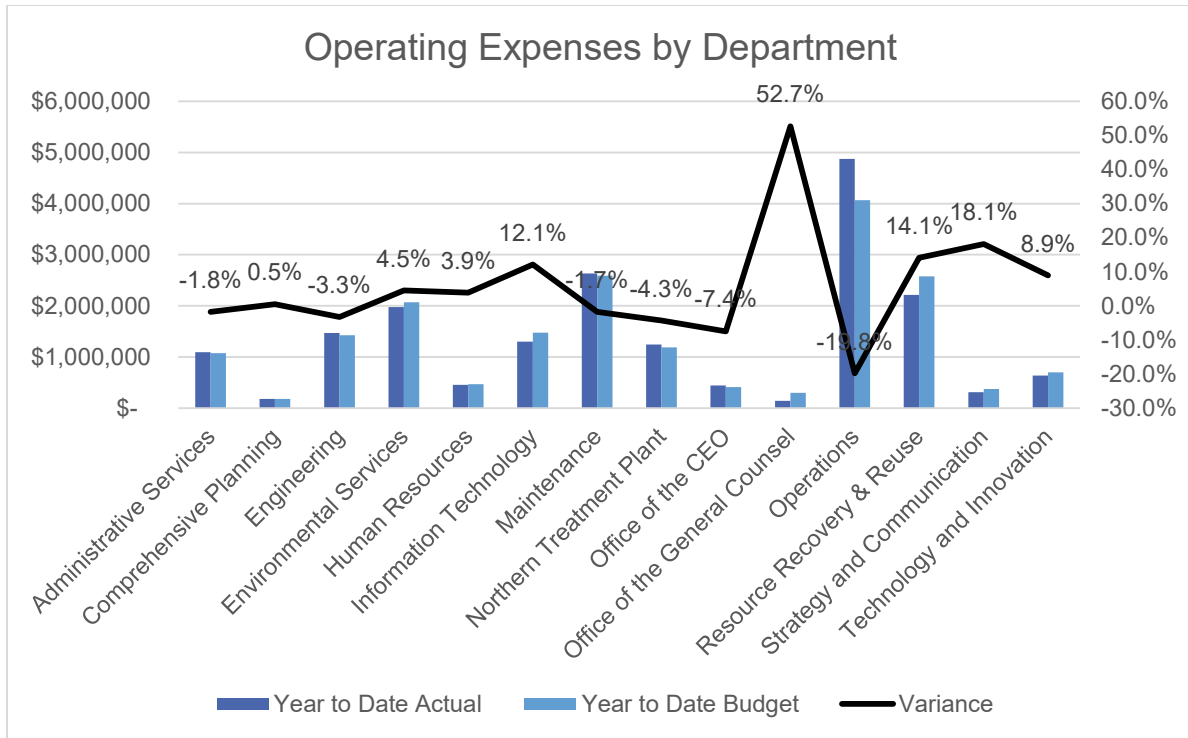
Utilities are unfavorable to the revised budget by approximately \$341,000 (23.4 percent) primarily due to seasonal usage and rate increases.

Outside Services actuals are favorable to the revised budget by approximately \$630,000 (25.6 percent) primarily due to timing of the need for those services.

O&M Fund Summary

For the period ending February 28, 2023

	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	\$ 12,088,094	\$ 12,088,094	\$ -	\$ 24,176,187	\$ 24,176,187	\$ -
Other Income	180,790	233,083	(52,293)	433,111	466,167	(33,056)
Total Operating Revenues	12,268,884	12,321,177	(52,293)	24,609,298	24,642,354	(33,056)
Operating Expenses						
Administrative Services	\$ 560,390	\$ 524,939	\$ (35,451)	\$ 1,095,260	\$ 1,075,876	\$ (19,384)
Comprehensive Planning	81,903	87,208	5,305	181,355	182,316	961
Engineering	686,468	680,238	(6,230)	1,471,079	1,424,676	(46,403)
Environmental Services	881,572	997,621	116,049	1,976,249	2,070,247	93,998
Human Resources	198,386	227,994	29,608	453,017	471,189	18,172
Information Technology	587,903	719,081	131,178	1,298,633	1,477,062	178,429
Maintenance	1,268,975	1,255,984	(12,991)	2,631,118	2,586,369	(44,749)
Northern Treatment Plant	739,315	582,550	(156,765)	1,241,596	1,190,000	(51,596)
Office of the CEO	229,695	200,105	(29,590)	443,862	413,110	(30,752)
Office of the General Counsel	68,676	145,200	76,524	140,378	296,800	156,422
Operations	2,274,697	2,013,392	(261,305)	4,874,773	4,068,084	(806,689)
Resource Recovery & Reuse	1,096,412	1,255,763	159,351	2,213,988	2,575,926	361,938
Strategy and Communication	143,548	180,868	37,320	308,995	377,335	68,340
Technology and Innovation	294,948	335,656	40,708	635,547	698,013	62,466
Total Operating Expenses	9,112,888	9,206,599	93,711	18,965,849	18,907,003	(58,846)
Net Operating Income/(Loss)	3,155,996	3,114,578	41,418	5,643,449	5,735,351	(91,902)
Non-Operating Revenues						
Interest	534,285	212,364	321,921	1,094,282	424,728	669,554
Other	2,643	-	2,643	7,718	-	7,718
Total Non-Operating Revenues	536,928	212,364	324,564	1,102,000	424,728	677,272
Non-Operating Expenses						
Capital O&M	-	48,500	48,500	-	97,000	97,000
Net Revenues Over Expenses	3,692,924	3,278,442	414,482	6,745,449	6,063,079	682,370



Total Operating Revenues

Total operating revenues were unfavorable to the year-to-date *revised* budget for the 2 months ending February 28, 2023 by approximately \$33,000 (0.1 percent). This is primarily due to the timing of miscellaneous revenue.

Total Operating Expenses

Operations Department costs are unfavorable to the year-to-date *revised* budget by approximately \$807,000 (19.8 percent). Chemicals is unfavorable due primarily to rising costs. Utilities is unfavorable due to rising unit cost and seasonal usage.

Resource Recovery and Reuse Department costs are favorable to the year-to-date *revised* budget by approximately \$362,000 (14.1 percent). Chemicals is favorable primarily due to the timing of weed spray services. 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 \$682,000 (11.3 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.

	2023 Adopted Budget	2023 Revised Budget	2023 February Actual	Revised Budget Variances
Administrative Services	31.00	31.00	27.00	4.00
Comprehensive Planning	5.00	5.00	5.00	0.00
Engineering	48.75	49.00	48.00	1.00
Environmental Services	78.00	76.00	65.00	11.00
Human Resources	13.00	13.00	13.00	0.00
Information Technology	32.00	32.00	25.00	7.00
Maintenance	82.00	81.00	72.00	9.00
Northern Treatment Plant	28.00	28.00	24.00	4.00
Office of the CEO	7.00	7.00	7.00	0.00
Office of the General Counsel	3.00	4.00	3.00	1.00
Operations	42.00	42.00	36.00	6.00
Resource Recovery and Reuse	69.00	69.00	64.00	5.00
Strategy and Communications	11.00	13.00	9.00	4.00
Technology and Innovation	22.00	22.00	19.00	3.00
Totals*	471.75	472.00	417.00	55.00

*Of the 55 open positions, 50 positions are currently in the process of being filled and the other five positions are in various stages of review prior to initiating work on filling the position.

Balance Sheet Summary

For the period ending February 28, 2023 (in thousands)

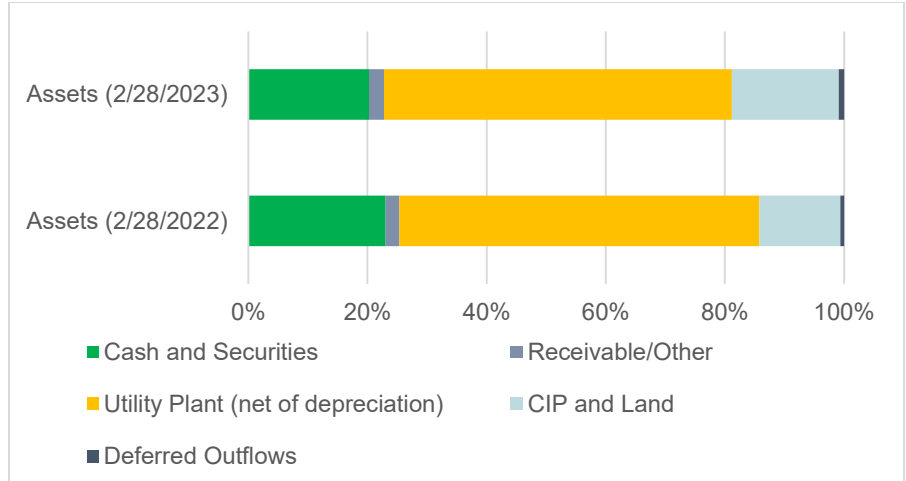
	February 2023	February 2022
Assets		
Cash and Securities	\$ 354,761	\$ 400,746
Receivables/Other	43,795	39,738
Utility Plant (net of depreciation)	1,025,207	1,048,561
CIP and Land	314,536	236,277
Deferred Outflows	15,953	10,855
Total Assets	1,754,252	1,736,177
Liabilities		
Payables	50,260	43,473
Long-term liabilities	662,028	668,898
Deferred Inflows	5,556	19,402
Total Liabilities	717,844	731,773
Equity		
Contributions in aid of construction (net)	124	138
Retained earnings, reserved	232,141	264,434
Retained earnings, unreserved	804,143	739,832
Total Equity	1,036,408	1,004,404
Total Liabilities and Equity	\$ 1,754,252	\$ 1,736,177

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.

Construction in Progress - Records the cost of not-yet-completed construction work.

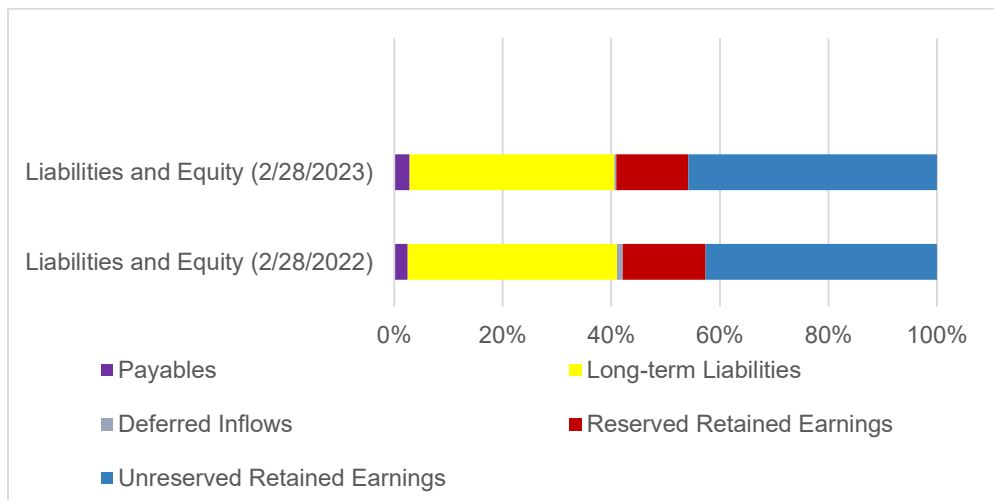


Liabilities and Equity

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 February 28, 2023, 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 \$232 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 \$32,005,238 from the December 2022 balance. This is mainly due to the net change in reserved and unreserved retained earnings.



Cash Flow – Trust Funds

For the 2 months ended February 28, 2023

	Operation & Maintenance Revenue	Bond	General	Sewer Connection Charges	Acquisition & Construction	Total
Sources of Funds						
Investment Income	\$ 600,446	\$ 199,800	\$ -	\$ -	\$ 367,521	\$ 1,167,767
Other, Net	-	-	-	-	-	-
	<u>600,446</u>	<u>199,800</u>	<u>-</u>	<u>-</u>	<u>367,521</u>	<u>1,167,767</u>
Uses of Funds						
Operating Expenses	35,835,931	-	-	-	-	35,835,931
Capital Expenditures	-	-	-	-	(2,216,595)	(2,216,595)
Bond Interest & Principal Payments	-	-	-	-	-	-
	<u>35,835,931</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(2,216,595)</u>	<u>33,619,336</u>
Interfund Transfers						
Required Transfers	35,235,485	-	(21,226,682)	-	(9,062,293)	4,946,510
	<u>35,235,485</u>	<u>-</u>	<u>(21,226,682)</u>	<u>-</u>	<u>(9,062,293)</u>	<u>4,946,510</u>
Net Change in Cash & Securities	-	199,800	(21,226,682)	-	(6,478,177)	(27,505,059)
Beginning Cash & Securities, 1/1/2023	<u>28,374,463</u>	<u>39,001,954</u>	<u>237,015,332</u>	<u>25,000,000</u>	<u>52,874,542</u>	<u>382,266,291</u>
Ending Cash & Securities, 2/28/2023	<u>\$ 28,374,463</u>	<u>\$ 39,201,754</u>	<u>\$ 215,788,650</u>	<u>\$ 25,000,000</u>	<u>\$ 46,396,365</u>	<u>\$ 354,761,232</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 January 2023 for the fourth quarter of 2022 were approximately \$44.5 million (as compared to \$17.9 million for the same period in 2021). This is approximately \$7 million favorable to the adopted budget and \$6.3 million unfavorable to the revised budget. Sewer Connection Charges for 2022 include the South Adams County Water and Sanitation District’s \$1.6 million payment, 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 and Fort Lupton’s \$25 million initial buy-in of existing connections. Sewer Connection Charges are due quarterly, with the first quarter of 2023 due April 15, 2023.

Capital Project Expenditures

As of February 28, 2023

	Appropriations			Expenditures			Appropriation Remaining	Transferred to Expense/ Fixed Assets
	2023	Prior Years	Total	2023	Prior Years	Total		
Acquisition and Construction Fund								
Treatment Facilities	\$ -	\$ 411,038,573	\$ 411,038,573	\$ -	\$ 410,283,012	\$ 410,283,012	\$ 755,561	\$ 410,283,012
Transmission Facilities	-	167,203,417	167,203,417	4,906,881	114,336,473	119,243,354	47,960,063	1,370,836
	-	578,241,990	578,241,990	4,906,881	524,619,485	529,526,366	48,715,624	411,653,848
Fixed Asset Replacement Fund								
Treatment Facilities	1,453,500	164,744,993	166,198,493	37,843	134,188,703	134,226,546	31,971,947	83,902,219
Transmission Facilities	-	121,561,892	121,561,892	3,866,519	51,766,391	55,632,910	65,928,982	22,311,455
Other	-	42,424,962	42,424,962	68,803	27,183,580	27,252,383	15,172,579	22,971,984
Equipment	1,060,050	-	1,060,050	-	-	-	1,060,050	-
Small Projects	1,000,000	14,966,361	15,966,361	100,613	10,751,997	10,852,610	5,113,751	9,114,993
	3,513,550	343,698,208	347,211,758	4,073,778	223,890,671	227,964,449	119,247,309	138,300,651
General Fund								
Treatment Facilities	161,500	97,165,376	97,326,876	212,867	85,458,798	85,671,665	11,655,211	48,708,976
Transmission Facilities	-	37,257,375	37,257,375	-	17,488,082	17,488,082	19,769,293	1,926,768
Other	-	72,464,089	72,464,089	102,169	45,189,767	45,291,936	27,172,153	44,481,074
Small Projects	1,500,000	21,212,852	22,712,852	130,130	17,001,134	17,131,264	5,581,588	14,229,812
Reserve	-	-	-	-	-	-	-	-
	1,661,500	228,099,692	229,761,192	445,166	165,137,781	165,582,947	64,178,245	109,346,630
Total All Funds	\$ 5,175,050	\$ 1,150,039,890	\$ 1,155,214,940	\$ 9,425,825	\$ 913,647,937	\$ 923,073,762	\$ 232,141,178	\$ 659,301,129

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 in 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 in 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 TWO MONTHS ENDED FEBRUARY 28, 2023**

	FEBRUARY ACTUAL	FEBRUARY BUDGET	FEBRUARY BUDGET VARIANCE FAVORABLE / (UNFAVORABLE)	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE BUDGET	YEAR-TO-DATE BUDGET VARIANCE FAVORABLE / (UNFAVORABLE)	REVISED 2023 BUDGET*
OPERATING REVENUES							
Annual Charges for Service	\$ 12,088,094	\$ 12,088,094	\$ 0	\$ 24,176,187	\$ 24,176,187	\$ 0	\$ 145,057,122
Land Application Income	0	19,333	(19,333)	0	38,667	(38,667)	232,000
Farming Income	0	176,250	(176,250)	0	352,500	(352,500)	2,115,000
Other Income	180,790	37,500	143,290	433,111	75,000	358,111	450,000
TOTAL OPERATING REVENUES	12,268,884	12,321,177	(52,293)	24,609,298	24,642,354	(33,056)	147,854,122
OPERATING EXPENSES							
Administrative Services	560,390	524,939	(35,451)	1,095,260	1,075,876	(19,384)	6,558,975
Comprehensive Planning	81,903	87,208	5,305	181,355	182,316	961	1,125,200
Engineering	686,468	680,238	(6,230)	1,471,079	1,424,676	(46,403)	8,804,850
Environmental Services	881,572	997,621	116,049	1,976,249	2,070,247	93,998	12,723,339
Human Resources	198,386	227,994	29,608	453,017	471,189	18,172	2,888,800
Information Technology	587,903	719,081	131,178	1,298,633	1,477,062	178,429	9,018,880
Maintenance	1,268,975	1,255,984	(12,991)	2,631,118	2,586,369	(44,749)	15,820,300
Northern Treatment Plant	739,315	582,550	(156,765)	1,241,596	1,190,000	(51,596)	7,234,800
Office of the CEO	229,695	200,105	(29,590)	443,862	413,110	(30,752)	2,530,275
Office of the General Counsel	68,676	145,200	76,524	140,378	296,800	156,422	1,806,400
Operations	2,274,697	2,013,392	(261,305)	4,874,773	4,068,084	(806,689)	24,573,100
Resource Recovery & Reuse	1,096,412	1,255,763	159,351	2,213,988	2,575,926	361,938	15,718,200
Strategy and Communication	143,548	180,868	37,320	308,995	377,335	68,340	2,327,900
Technology and Innovation	294,948	335,656	40,708	635,547	698,013	62,466	4,296,080
TOTAL OPERATING EXPENSES	9,112,888	9,206,599	93,711	18,965,849	18,907,003	(58,846)	115,427,099
NET OPERATING INCOME	3,155,996	3,114,578	41,418	5,643,448	5,735,351	(91,903)	32,427,023
NON-OPERATING REVENUES							
Interest	534,285	212,364	321,921	1,094,282	424,728	669,554	2,548,369
Other	2,643	0	2,643	7,718	0	7,718	0
TOTAL NON-OPERATING REVENUES	536,928	212,364	324,564	1,102,000	424,728	677,272	2,548,369
NON-OPERATING EXPENSES							
Capital O&M	0	48,500	48,500	0	97,000	97,000	582,000
NET REVENUES OVER EXPENSES	\$ 3,692,924	\$ 3,278,442	\$ 414,482	\$ 6,745,449	\$ 6,063,079	\$ 682,370	\$ 34,393,392

*Metro approved and implemented organizational structure changes, effective January 1, 2023. Based on this change, use of the 2023 Revised Budget allows for comparable analysis of operational results.

**METRO WATER RECOVERY
BALANCE SHEET
(UNAUDITED)
PRELIMINARY
AS OF FEBRUARY 28, 2023**

	February 2023	February 2022
ASSETS		
CURRENT ASSETS		
Revenue Fund Operating Accounts		
Cash and securities	\$ 28,374,463	\$ 25,786,055
Accounts Receivable	24,564,778	22,584,382
Accrued interest receivable	602,266	523,639
Materials and supplies inventories	8,226,255	6,992,379
Prepaid expenses	10,132,661	9,520,222
	71,900,423	65,406,677
Other Funds		
Cash and securities		
Sewer Connection Fees Account	25,000,000	25,000,000
Debt Service Fund	39,201,754	38,602,762
General Fund	215,788,650	207,696,684
	351,890,827	336,706,123
TOTAL CURRENT ASSETS	351,890,827	336,706,123
ACQUISITION AND CONSTRUCTION FUND		
Cash and securities	46,396,365	103,660,240
Accrued interest receivable	269,392	117,531
	46,665,757	103,777,772
TOTAL ACQUISITION AND CONSTRUCTION FUND	46,665,757	103,777,772
UTILITY PLANT		
Plant in service	999,943,507	974,310,149
Equipment	708,969,555	702,279,015
Right-to-use leased equipment	342,173	0
	1,709,255,235	1,676,589,164
Less accumulated depreciation	684,048,695	628,028,020
	1,025,206,540	1,048,561,145
Construction in progress	267,657,334	189,433,536
Land	46,878,469	46,843,769
	1,339,742,343	1,284,838,449
TOTAL UTILITY PLANT	1,339,742,343	1,284,838,449
DEFERRED OUTFLOWS	15,953,224	10,854,526
TOTAL ASSETS	\$ 1,754,252,151	\$ 1,736,176,870

**BALANCE SHEET
(UNAUDITED)
PRELIMINARY
AS OF FEBRUARY 28, 2023**

	February 2023	February 2022
LIABILITIES		
CURRENT LIABILITIES		
Accounts Payable	\$ 3,557,195	2,150,579
Short term escrows - septic haulers	4,000	2,000
Accrued payroll & related benefits	4,970,638	4,155,806
Other accrued liabilities	481,118	369,141
	9,012,951	6,677,526
Restricted Special Funds		
Unearned revenue	4,083,358	-
Accrued interest payable	8,578,541	9,120,771
Current portion of long-term debt	28,585,000	27,675,000
	50,259,849	43,473,297
ACQUISITION & CONSTRUCTION, FIXED ASSET REPLACEMENT AND GENERAL FUND	(28,585,000)	(27,675,000)
Amount retained on contractor's estimates	11,013,337	10,696,749
NET OPEB LIABILITY	12,766,507	12,273,631
NET PENSION LIABILITY	56,656,364	33,793,004
LEAST LIABILITY	208,580	0
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	14,648,373	16,814,717
	609,968,373	639,809,717
Less current portion	28,585,000	27,675,000
	581,383,373	612,134,717
TOTAL LIABILITIES	712,288,010	712,371,398
DEFERRED INFLOWS	5,555,619	19,402,188
EQUITY		
Contributions in aid of construction	230,165,639	230,165,639
Less depreciation	230,041,888	230,028,138
	123,751	137,501
Retained earnings		
Reserved	232,141,178	264,434,256
Unreserved	804,143,593	739,831,527
	1,036,284,771	1,004,265,783
TOTAL EQUITY	1,036,408,522	1,004,403,284
TOTAL LIABILITIES AND EQUITY	\$ 1,754,252,151	\$ 1,736,176,870

**METRO WATER RECOVERY
CASH FLOW - TRUST FUNDS
PRELIMINARY
FOR THE TWO MONTHS ENDED FEBRUARY 28, 2023**

	OPERATION & MAINTENANCE REVENUE	RESTRICTED SPECIAL FUNDS		FIXED ASSET REPLACEMENT	SEWER CONNECTION CHARGES	ACQUISITION & CONSTRUCTION	COMBINED 2/28/2023
		BOND	GENERAL*				
SOURCES OF FUNDS							
Investment Income **	600,446	199,800	0	0	0	367,521	1,167,767
Other, Net †	0	0	0	0	0	0	0
	<u>600,446</u>	<u>199,800</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>367,521</u>	<u>1,167,767</u>
APPLICATION OF FUNDS							
Operating Expenses	35,835,932	0	0	0	0	0	35,835,932
Capital Expenditures	0	0	0	0	0	(2,216,595)	(2,216,595)
Bond Interest & Principal Payments	0	0	0	0	0	0	0
	<u>35,835,932</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(2,216,595)</u>	<u>33,619,337</u>
INTERFUND TRANSFERS							
Required Transfers	35,235,485	0	(21,226,682)	0	0	(9,062,293)	4,946,510
	<u>35,235,485</u>	<u>0</u>	<u>(21,226,682)</u>	<u>0</u>	<u>0</u>	<u>(9,062,293)</u>	<u>4,946,510</u>
NET CHANGE IN CASH & SECURITIES	(0)	199,800	(21,226,682)	0	0	(6,478,177)	(27,505,059)
BEGINNING CASH & SECURITIES, 1/1/23	<u>28,374,463</u>	<u>39,001,954</u>	<u>237,015,332</u>	<u>0</u>	<u>25,000,000</u>	<u>52,874,542</u>	<u>382,266,292</u>
ENDING CASH & SECURITIES, 2/28/23	<u>\$ 28,374,463</u>	<u>\$ 39,201,754</u>	<u>\$ 215,788,650</u>	<u>\$ -</u>	<u>\$ 25,000,000</u>	<u>\$ 46,396,365</u>	<u>\$ 354,761,232</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
February 28, 2023
ACQUISITION & CONSTRUCTION FUND**

PAR NUMBER	DESCRIPTION	APPROPRIATIONS			EXPENDITURES			2/28/23 UNEXPENDED APPROPRIATION	TRANSFERRED TO EXPENSE & FIXED ASSETS
		2023	PRIOR YEARS	TOTAL	2023	PRIOR YEARS	TOTAL		
	<u>ACQUISITION & CONSTRUCTION FUND</u>								
	OTHER								
1088	Northern Treatment Plant	\$0	\$411,038,573	\$411,038,573	\$0	\$410,283,012	\$410,283,012	\$755,561	\$410,283,012
	WASTEWATER TREATMENT								
1232	Sand Creek & Second Creek Basins Regional Plan		167,203,417	167,203,417	4,906,881	114,336,473	119,243,354	47,960,063	1,370,836
	A&C Fund Total	\$0	\$578,241,990	\$578,241,990	\$4,906,881	\$524,619,485	\$529,526,366	\$48,715,624	\$411,653,848

FIXED ASSET REPLACEMENT FUND

PAR NUMBER	DESCRIPTION	APPROPRIATIONS			EXPENDITURES			2/28/23 UNEXPENDED APPROPRIATION	TRANSFERRED TO EXPENSE & FIXED ASSETS
		2023	PRIOR YEARS	TOTAL	2023	PRIOR YEARS	TOTAL		
	<u>FIXED ASSET REPLACEMENT FUND</u>								
	OTHER								
1202	HID Lighting Improvements	\$0	\$3,249,562	\$3,249,562	\$0	\$3,224,477	\$3,224,477	\$25,085	\$3,224,477
1235	RWHTF Support Facilities Upgrade-2014		16,445,400	16,445,400	6,315	16,070,197	16,076,512	368,888	16,070,197
1362	Security Gates Replacement at Hite		410,000	410,000	0	397,445	397,445	12,555	183,704
1379	Annual Fixed Asset Replacement Priorities		12,928,000	12,928,000	35,472	6,013,769	6,049,241	6,878,759	2,742,593
1406	IT Infrastructure 2021		725,000	725,000	0	707,944	707,944	17,056	707,943
1409	IT Customer Experience Grouped Project 2021		500,000	500,000	0	139,874	139,874	360,126	43,070
1364	District Wireless Infrastructure		1,062,000	1,062,000	0	220,697	220,697	841,303	0
1396	NTP Primary Clarifier Cover Damage Repair		6,000,000	6,000,000	12,889	409,177	422,066	5,577,934	0
1419	IT Infrastructure 2022		605,000	605,000	0	0	0	605,000	0
1424	IT Customer Experience Grouped Project 2022		500,000	500,000	14,127	0	14,127	485,873	0
	WASTEWATER TREATMENT								
1225	South Headworks & Grease Processing Improvements		50,048,600	50,048,600	7,629	48,972,760	48,980,389	1,068,211	48,972,761
1244	Solids Processing Improvements		58,052,000	58,052,000	13,954	51,301,527	51,315,481	6,736,519	1,270,499
1259	Digester Complex Rehabilitation Project		33,859,393	33,859,393	0	33,103,621	33,103,621	755,772	33,103,621
1368	Cogeneration Building and System Rehabilitation		800,000	800,000	0	555,338	555,338	244,662	555,338
1408	Potable Waterline Replacement		1,825,000	1,825,000	0	65,104	65,104	1,759,896	0
1411	North Secondary Upgrades and Intensification	1,453,500	20,160,000	21,613,500	16,260	190,353	206,613	21,406,887	0
	Subtotal - ROBERT W. HITE Treatment Facility	\$1,453,500	\$207,169,955	\$208,623,455	\$106,646	\$161,372,283	\$161,478,929	\$47,144,526	\$106,874,203
	TRANSMISSION FACILITIES								
1340	Force Main and Siphon Condition Assesment & Cleaning		6,859,000	6,859,000	12,402	3,896,391	3,908,793	2,950,207	0
1312	Lift Station (TNW and DM) Fixed Asset Rehabilitation		41,726,000	41,726,000	93,446	10,066,920	10,160,366	31,565,634	128,047
1343	National Western Center Delgany Interceptor Relocation		9,196,451	9,196,451	0	9,053,746	9,053,746	142,705	9,053,746
1325	Transmission System Structure Rehabilitation 2020		4,008,316	4,008,316	0	2,041,451	2,041,451	1,966,865	0
1363	Interceptor Rehabilitation 2020-2022		35,812,000	35,812,000	3,752,997	23,471,864	27,224,861	8,587,139	12,142,311
1369	TSB FARs and Improvements		1,350,000	1,350,000	2,723	987,351	990,074	359,926	987,351
1265	Electrical Transmission Service Substation		21,467,125	21,467,125	0	2,248,563	2,248,563	19,218,562	0
1382	North Complex Natural Gas System Replacement		1,143,000	1,143,000	4,951	105	5,056	1,137,944	0
	EQUIPMENT								
	FARF Equipment ≥ \$10,000 & ≤ \$250,000 *	1,060,050	0	1,060,050	0	0	0	1,060,050	0
	FARF Equipment ≥ \$250,000 *	0	0	0	0	0	0	0	0
	SMALL PROJECTS								
	Small FARF Projects/Studies (see Attachment for detail)	1,000,000	14,966,361	15,966,361	100,613	10,751,997	10,852,610	5,113,751	9,114,993
	Fixed Asset Replacement Fund Total	\$3,513,550	\$343,698,208	\$347,211,758	\$4,073,778	\$223,890,671	\$227,964,449	\$119,247,309	\$138,300,651

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 February 28, 2023**

<i>DESCRIPTION</i>	<i>DATE APPROVED</i>	<i>APPROPRIATION</i>
BOARD RESOLUTIONS - APPROPRIATIONS	VARIOUS	\$15,966,361
LESS: EXPENDITURES TO DATE	See Below	(10,852,610)
UNEXPENDED APPROPRIATIONS		<u>5,113,751</u>
LESS: COMMITTED EXPENDITURES ON ONGOING PROJECTS		(1,953,383)
UNCOMMITTED APPROPRIATIONS*		<u><u>\$3,160,368</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			\$13,127,904	\$9,114,993	\$0
Less: Unexpended Appropriations on Completed Small Projects *			(\$4,012,911)		
Open Small Projects					
RWHTF Electric Gate Actuator Project	1271	09/08/15	250,000	0	250,000
RWHTF Hazmat Shelter-In-Place Rehabilitation	1347	8/13/18	250,000	246,280	3,720
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	88,682	11,318
Pretreatment Database (PIMs) Replacement & CROMERR Portal	1372	11/20/19	250,000	171,942	78,058
Facilities Maintenance Satellite Facility Improvements	1374	02/27/20	150,000	85,826	64,174
Transformer and ARMS Standardization	1375	02/27/20	125,000	125,000	0
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	75,000	3,450	71,550
Boardroom Refresh	1391	11/12/20	250,000	135,598	114,402
Asset Management Program Implementation	1405	06/14/21	250,000	65,518	184,482
HVAC High Priority Improvements	1392	07/13/21	250,000	184,250	65,750
Admin Office Remodel 2021-2022	1412	12/7/2021	250,000	68,908	181,092
RWHTF Conduit Study	1413	02/15/22	250,000	128,010	121,990
EAM Business Process Study and Mobile	1415	03/01/22	250,000	71,189	178,811
Maintenance Equipment Optimization	1423	08/02/22	250,000	50,887	199,113
Labworks Upgrade	1429	12/13/22	250,000	0	250,000
Aurora Westside Interceptor Rehabilitation	1425	2/7/23	16,000	0	16,000
PROJECT SUBTOTALS			<u>\$12,805,993</u>	<u>\$10,852,610</u>	<u>\$1,953,383</u>
Plus: Uncommitted Appropriations*			<u>\$3,160,368</u>		
TOTAL APPROPRIATED			<u><u>\$15,966,361</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			2/28/23 UNEXPENDED APPROPRIATION	TRANSFERRED TO EXPENSE & FIXED ASSETS
		2023	PRIOR YEARS	TOTAL	2023	PRIOR YEARS	TOTAL		
	GENERAL FUND								
	WASTEWATER TREATMENT								
1225	South Headworks & Grease Processing Improvements	\$0	21,449,400	21,449,400	3,508	20,977,733	20,981,241	468,159	20,977,733
1244	Solids Processing Improvements		38,705,000	38,705,000	9,303	34,128,846	34,138,149	4,566,851	846,999
1280	Nuisance Struvite & Dewaterability Improvements		23,250,000	23,250,000	0	23,249,087	23,249,087	913	23,249,087
1314	RWHTF Peracetic Acid Full Scale Pilot		1,950,000	1,950,000	0	1,853,725	1,853,725	96,275	1,852,725
1357	Blower No. 8 Replacement		1,920,000	1,920,000	0	1,782,432	1,782,432	137,568	1,782,432
1400	Peracetic Acid Disinfection System Improvements		4,080,000	4,080,000	198,249	2,070,196	2,268,445	1,811,555	0
1395	Cogeneration Equipment Replacement		3,570,976	3,570,976	0	1,375,629	1,375,629	2,195,347	0
1411	North Secondary Upgrades and Intensification	161,500	2,240,000	2,401,500	1,807	21,150	22,957	2,378,543	0
	Subtotal - ROBERT W. HITE Treatment Facility	\$161,500	\$97,165,376	\$97,326,876	\$212,867	\$85,458,798	\$85,671,665	\$11,655,211	\$48,708,976
	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		11,559,375	11,559,375	0	1,210,765	1,210,765	10,348,610	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	0	2,245,638	2,245,638	184,362	2,245,638
1235	RWHTF Support Facilities Upgrade-2014		38,054,600	38,054,600	14,736	37,219,149	37,233,885	820,715	37,219,149
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		1,783,963	1,783,963	0	1,777,027	1,777,027	6,936	1,777,027
1356	General Property Acquisition 2019-2026		3,800,000	3,800,000	11,437	807,417	818,854	2,981,146	764,790
1394	Partnership with Denver Water Concerning the Lead & Copper Rule Variance		22,500,000	22,500,000	0	1,500,000	1,500,000	21,000,000	1,500,000
1359	Evaluate and Enhance Metro District's Brand Identity		617,490	617,490	487	554,888	555,375	62,115	237,928
1402	Ditch Companies Litigation		750,000	750,000	57,309	249,793	307,102	442,898	249,793
1416	NTP Effluent Temperature		2,036,000	2,036,000	18,200	349,106	367,306	1,668,694	0
	SMALL PROJECTS								
	Small Projects, Studies, and Expend. (see Attachments for detail)	1,500,000	21,212,852	22,712,852	130,130	17,001,134	17,131,264	5,581,588	14,229,812
	RESERVE								
	Operating Reserve		0	0	0	0	0	0	0
	General Fund Total	\$1,661,500	\$228,099,692	\$229,761,192	\$445,166	\$165,137,781	\$165,582,947	\$64,178,245	\$109,346,630
	TOTAL ALL FUNDS*	\$5,175,050	\$1,150,039,890	\$1,155,214,940	\$9,425,825	\$913,647,937	\$923,073,762	\$232,141,178	\$659,301,129

NOTES:

* Of the \$659,301,129 transferred to expense or capitalized as fixed assets, only \$2,245,638 for the Suncor-Management of Air Quality/Soil Contamination, \$249,793 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, \$10,470,406 Small Construction Projects and Studies and \$2,300,391 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 February 28, 2023**

<i>DESCRIPTION</i>		<i>DATE APPROVED</i>	<i>APPROPRIATION</i>
BOARD RESOLUTIONS - APPROPRIATIONS		VARIOUS	\$22,712,852
LESS: EXPENDITURES TO DATE		See Below	(17,131,264)
UNEXPENDED APPROPRIATIONS			<u>5,581,588</u>
LESS: COMMITTED EXPENDITURES ON ONGOING PROJECTS			(3,533,548)
UNCOMMITTED APPROPRIATIONS*			<u><u>\$2,048,040</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	197,645	52,355
Dynamic Safety System	1355	01/31/19	200,000	185,530	14,470
Intellectual Property Program	1360	03/25/19	100,000	35,055	64,945
Fall Protection Infrastructure Improvements	1365	09/04/19	210,000	203,233	6,767
Innovation and Research Initiatives	1373	03/02/20	250,000	118,721	131,279
Facilities Maintenance Satellite Facility Improvements	1374	02/27/20	100,000	57,218	42,782
Transformer and ARMS Standardization	1375	02/27/20	125,000	125,000	0
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	100,350	149,650
Legal Assistance Fund 1	1386	08/13/20	250,000	165,097	84,903
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	42,219	57,781
Aeration Control Strategy Review and Implementation	1390	12/22/20	250,000	161,533	88,467
Electric Fleet Vehicle Charging Infrastructure	1397	04/05/21	250,000	153,777	96,223
Effluent Temperature Compliance Study	1398	04/21/21	250,000	239,021	10,979
Support Facilities Master Plan	1399	04/05/21	250,000	199,574	50,426
Alternative Energy Evaluation	1401	05/05/21	75,000	200	74,800
Continuous Improvement Framework	1403	05/12/21	250,000	93,592	156,408
Solids Evaluation	1404	06/14/21	250,000	153,935	96,065
2021 Process Optimization	1410	10/07/21	250,000	126,558	123,442
Digital Screens	1414	02/15/22	50,000	0	50,000
Strategic Plan Update 2022	1417	03/15/22	250,000	127,909	122,091
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	10,857	239,143
Phosphorous Recovery Facility Reliability Improvements	1426	09/15/22	250,000	26,768	223,232
Payment Optimization	1427	10/04/22	150,000	0	150,000
Community Relations Program	1428	12/07/22	250,000	0	250,000
2022 Process Optimization	1430	12/19/22	250,000	0	250,000
NTP Loading Evaluation	1432	02/21/23	250,000	0	250,000
Asbestos Containing Material Surveys	1433	02/21/23	250,000	0	250,000
PROJECT SUBTOTALS			<u>\$20,664,812</u>	<u>\$17,131,264</u>	<u>\$3,533,548</u>
Plus: Uncommitted Appropriations*			<u>\$2,048,040</u>		
TOTAL APPROPRIATED			<u><u>\$22,712,852</u></u>		

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Spring Board Workshop

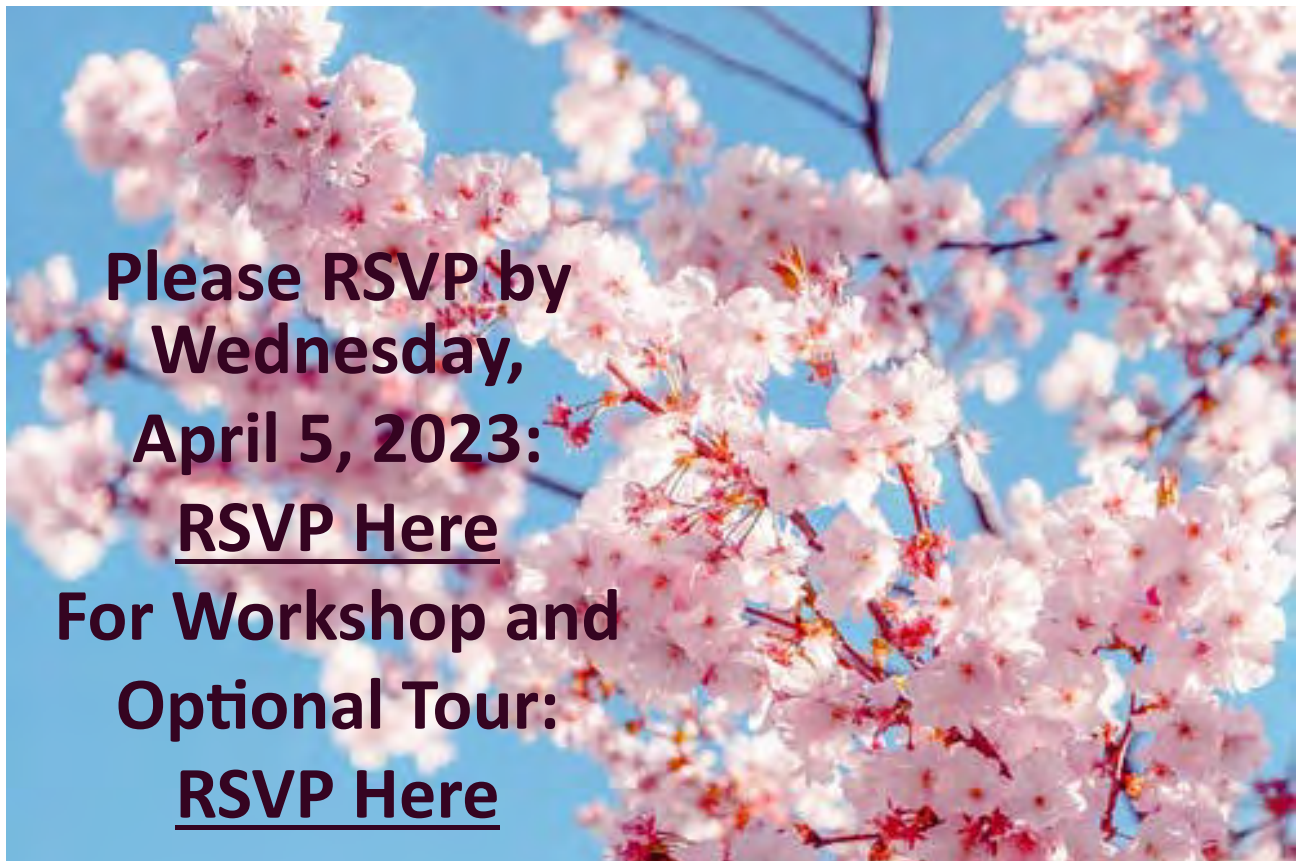
Thursday, April 13, 2023, 8 a.m.

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

Northern Treatment Plant

51 Baseline Road, Brighton, CO 80603

Optional Cooling Tower Demonstration to follow



**Please RSVP by
Wednesday,
April 5, 2023:**

[RSVP Here](#)

**For Workshop and
Optional Tour:**

[RSVP Here](#)



METRO WATER RECOVERY

METROGRO Farm Tour Thursday, July 20, 2023

7 a.m. Leave from Metro
2:30 p.m. Return to Metro
Long pants and close-toed shoes required

This a great opportunity to observe summer farm activities
and learn about the biosolids program.
Please RSVP in the BoardEffect event by early July.



[RSVP on BoardEffect here](#)