# CENTRAL WELD COUNTY WATER DISTRICT BOARD MEETING AGENDA

2235 2<sup>nd</sup> Avenue – Greeley, CO JULY 18, 2024

970) 352-1284 1:30 P.M.

Katie Strohauer, President Albert Lind, Vice President T. Scott Meining, Treasurer James Park, Director Peter Ulrich, Director Stan Linker, District Manager

#### **AGENDA ITEMS:**

ITEM 1:

**ROLL CALL** 

ITEM 2:

**Public Comment on Non-Agenda Items** 

ITEM 3:

**MINUTES** 

A.Approval of Minutes dated MAY 16, 2024

ITEM 4:

**FINANCIAL REPORTS** 

A.Approval of Current Bills B.Fund Investments C.Budget Reports

ITEM 5:

STAFF REPORTS

A. Incoming CorrespondenceB. Outgoing Correspondence

C. Field Report

D. Consumption & Comparison Report

E. Revenue & Usage Report

F. NISP Report

G. Windy Gap Report

H. Manager's Report

ITEM 6:

**CARTER LAKE FILTER PLANT REPORTS** 

A. CLFP Minutes

B. CLFP Agenda

C. CLFP Project Updates

D. CLFP Pre-Treatment Updates

**ITEM 7:** 

**NEW BUSINESS** 

A. Tap Fee Agreements

B. Ally Utility Consulting Update

C. Rate Presentation

D. Public Hearing – Rate Increase for the Surcharges, Monthly Detailed Rate Schedule, and Tap Fees subject to the District Rules and Regulations

E. CCR Report

F. Chimney Hollow Overlook Tour

G.

ITEM 8:

**ADJOURNMENT** 

# PUBLIC COMMENT ITEM NO. 2

**JULY 18, 2024** 

Public comment will be limited to 30 minutes on the agenda, with a three minute limit per comment.

Comments will be read into the public record based on the order in which they are received.

All submitted comments will be shared with all board members.

Public comments are accepted on various agenda items. Comments may be delivered in person during or before the public meeting or submitted electronically through the website at <a href="https://www.cwcwd.com/contact">www.cwcwd.com/contact</a>.

A valid email address is required.

Written comments are accepted up to 1 hour before the start of the public meeting.

Individuals should sign up in person to speak in the Board room. Should the Board receive a significant number of public comment requests related to one or more agenda items it may, at its own discretion, further limit the total time allotted for public comment.

Printed copies of public comments received on a particular matter may be provided upon request.

NO RESPONSES OR QUESTIONS CAN BE GIVEN NOR ASKED, THIS IS A LISTEN ONLY SESSION FOR THE BOARD

# MINUTES FOR CWCWD REGULAR BOARD MEETING ITEM NO. 3A (1-6) JULY 18, 2024

#### MINUTES FOR CENTRAL WELD COUNTY WATER DISTRICT REGULAR BOARD MEETING MAY 16, 2024

The Regular meeting of the Board of Directors of Central Weld County Water District was held on Thursday, May 16, 2024, at approximately 1:30 P.M. The meeting was called to order by Katie Strohauer.

Present: Katie Strohauer, Albert L. Lind, James Park, T. Scott Meining and Peter Ulrich; Board Members; Stan Linker, District Manager and Roxanne Garcia. Absent: none Guests Present: Chris Matkins, Ally Utility

#### **PUBLIC COMMENTS: None**

#### **MINUTES:**

The Minutes of the March 21, 2024 meeting were reviewed by the Board. Albert L. Lind moved and Peter Ulrich seconded to approve the Minutes as written. Motion Passed.

#### **FINANCIAL REPORTS**:

The financial reports were reviewed for the months of April and May. The Real Estate Support invoice was for the eminent domain easement for Bujalski. The GIS/GPS account was for the ESRI renewal that was paid in advance for three years. T. Scott Meining moved and Peter Ulrick seconded to approve the financial reports and current bills for payment. Motion Passed.

#### **INCOMING CORRESPONDENCE:**

The Board reviewed the Incoming Correspondence.

#### **OUTGOING CORRESPONDENCE:**

The Board reviewed the Outgoing Correspondence.

#### FIELD REPORT:

The Board reviewed and noted the Field Report.

#### **CONSUMPTION REPORT:**

The Board reviewed and noted the Consumption Report.

#### **USAGE & REVENUE REPORT:**

The Board reviewed and noted the Usage and Revenue Report.

#### NISP:

To date the District has paid \$13,439,562.00 for it's portion of engineering and fees. The 2025 Budget amount is projected at \$3,500,000 for the District.

#### WINDY GAP REPORT:

Chimney Hollow construction continues at the site and can be monitored via the live stream provided by NCWCD. The construction is past it's halfway point.

#### **MANAGER's REPORT:**

1) sent letter to NCWCD advocating for 70% quota 2) field tech, Zach Brown, has been out with back issues 3) telemetry and solar panels for PRV 606 installed 4) Penny Mount started in front office April 1st 5) tanks inspections were completed last month, waiting on reports 6) lead service line survey underway

#### **CARTER LAKE FILTER PLANT:**

The average flows for March was 9.2 MGD and 11.3 MGD for April. The arrival of the 18" valves are delayed until 5/21/2024 for the North Plant. New adapters have been installed on all primary cell's main influent and effluent valves and the new check valves on the blower system all at the North Plant. For Dry Creek, all of the piping is installed. Mock startup to go thru the controls and communication items prior to the pump being installed. Pump scheduled to be delivered in late May. The 12" filter to waste line is complete for the pretreatment plant.

#### **TAP FEE AGREEMENTS**:

The Tap Fee Agreements were reviewed:

	OWNER	TAP SIZE	LOCATION
1	Jacob & Mackenzie Bernhard	Budget 5/8"	CR 21 & 20

Peter Ulrich moved and Albert L. Lind seconded to approve the Tap Fee Agreement. Motion passed.

#### **PETITION FOR INCLUSION:**

The Board reviewed the list of property owners who have completed the Petition for Inclusion to receive water service from the District.

# NOTICE OF MEETING AND FILING PETITIONS FOR INCLUSION

TO THE BOARD OF DIRECTORS OF THE CENTRAL WELD COUNTY WATER DISTRICT, AND TO ALL OTHER PERSONS TO WHOM IT MAY BE OF CONCERN:

NOTICE IS HEREBY GIVEN that a regular meeting of the Board of Directors of the Central Weld County Water District will be held at 2235 2nd Avenue in Greeley, Colorado, on Thursday the 16th day of May, 2024, at 1:30 P.M. at which meeting the Board will consider Petitions for Inclusion by the following individuals:

## LEGAL DESCRIPTION IN THE CENTRAL WELD COUNTY WATER DISTRICT

Legal Description	Parcel No.	Name	Address
PT SE4 16-2-67 COMM N4 SEC COR TH S11D21E 3178.9 S89D48E 95.29 TO POB TH S00D43W 1930.69 N89D16W 223.06 S00D43W 200 S89D16E 445.08 N00D43E 26.34 TH 111.25 ALG CRV TO R	131116400027	Jason Thomas	TBD County Road 20 Fort Lupton, CO 80621
(R=375 CH=N09D13E) TH N17D43E 23.82 TH 145.92 ALG CRV TO R (R=178 CH=N41D12E) TH N64D41E 130.18 N47D47E 251.71 N45D33E 128.78 TH			
144.96 ALG CRV TO L (R=245 CH=N28D36E) TH N11D39E 101.26 TH 83.51 ALG CRV TO R (R=140 CH=N28D45E) TH N45D50E 58.6 TH 70.33 ALG CRV TO L (R=350			
CH=N40D04E) TH 45.72 ALG CRV TO L (R=60 CH=N12D29E) TH N09D19W 26.47 N00D05E 228.9 N00D22W 809.74 TH 51.54 ALG CRV TO L (R=150 CH=N10D13W) N89D48W 917.13 TO POB			

Also excepting from all above listed properties included in the District, all railroad and public road right of way and property owned by ditch, canal and reservoir companies.

The individuals have prayed in their petition that their land be included in the District. The Board will also take up any other business to come before it.

Given under my hand and the seal of said District the 16th day of May. 2024.

(SEAL)

Stan Linker, District Manager

CENTRAL WELD COUNTY WATER DISTRICT LIST OF PETITIONERS FOR INCLUSION

			- PRE LOICIL - PRE
	Tap#	NAME	MAILING ADDRESS
1	3488	Jason Thomas	3206 Cottonwood Ct; Mead, CO 80542

"RESOLVED that CENTRAL WELD COUNTY WATER DISTRICT grant the Petitions for Inclusion of the persons named in the attached sheet of the property described therein for the inclusion of their property in said District. It is resolved that the President and Secretary of the District do any and all things necessary to include such property in the District."

"I hereby certify that the above Resolution was duly and regularly adopted by the Central Weld County Water District at a meeting of the Board of Directors held on May 16. 2024."

Katie Strohauer, President

(SEAL)

T. Scott Meining moved and Albert L. Lind seconded to Approve the Petition for Inclusion. Motion passed. Peter Ulrich moved and Albert L. Lind seconded to Approve the Resolution granting Petitions for Inclusion. Motion passed.

#### PETITION FOR EXCLUSION:

The Board reviewed the list of property owners who have completed the Petition for Exclusion to receive water service from the Town of Frederick.

# NOTICE OF MEETING AND FILING PETITIONS FOR EXCLUSION

TO THE BOARD OF DIRECTORS OF THE CENTRAL WELD COUNTY WATER DISTRICT. AND TO ALL OTHER PERSONS TO WHOM IT MAY BE OF CONCERN: NOTICE IS HEREBY GIVEN that a regular meeting of the Board of Directors of the Central Weld County Water District will be held at 2235 2nd Avenue in Greeley, Colorado, on Thursday the 16th day of May. 2024, at 1:30 P.M. at which meeting the Board will consider Petitions for Exclusion by the following individuals:

# LEGAL DESCRIPTION IN THE CENTRAL WELD COUNTY WATER DISTRICT

Legal Description	Parcel No.	Name	Address
Lot 1 EAGLE BUSINESS PARK FILING #4C AM	131326405001	Town of Frederick	PO Box 435 Frederick, CO 80530
6-2-67, DENMORE FILING NO.1 Includes 277 parcels by TPH Firestone Trail LLC		Town of Frederick	PO Box 435 Frederick, CO 80530

Also excepting from all above listed properties included in the District, all railroad and public road right of way and property owned by ditch, canal and reservoir companies. The individuals have prayed in their petition that their land be excluded from the District. The Board will also take up any other business to come before it.

Given under my hand and the seal of said District the 16th day of May, 2024.

(SEAL) Stan Linker. District Manager

#### CENTRAL WELD COUNTY WATER DISTRICT LIST OF PETITIONERS FOR EXCLUSION

	Tap#	NAME	MAILING ADDRESS
1		Town of Frederick	PO Box 435
			Frederick, CO 80530

"RESOLVED that CENTRAL WELD COUNTY WATER DISTRICT grant the Petitions for Exclusion of the persons named in the attached sheet of the property described therein for the exclusion of their property from said District. It is resolved that the President and Secretary of the District do any and all things necessary to exclude such property in the District."

"I hereby certify that the above Resolution was duly and regularly adopted by the Central Weld County Water District at a meeting of the Board of Directors held on May 16, 2024."

Katie Strohauer, President

(SEAL)

MINUTES Item No. 3A (1-6) July 18, 2024

Regular Board Meeting May 16, 2024

Albert L. Lind moved and T. Scott Meining seconded to Approve the Petitions for Exclusion. Motion passed. T. Scott Meining moved and Peter Ulrich seconded to Approve the Resolution granting Petitions for Exclusion. Motion passed.

#### **DACONO LINE RELOCATION EASEMENT:**

The Board reviewed the Partial Assignment of Easement for a line relocation in Dacono on County Road 11 and 12. Peter Ulrich moved and Albert L. Lind seconded to approve the Partial Assignment of Easement. Motion passed.

#### **ALLY UTILITY CONSULTING:**

The Board reviewed the East Transmission Line and New Treatment Plant proposal from Ally Utility Consulting presented by Chris Matkins. Ally Utility Consulting provides support and Engineering services on an hourly basis, billed in fifteen-minute increments. Rates are subject to change annually. This group will act as the facilitator for support and scheduling for the East Transmission Line and the New Treatment Plant. T. Scott Meining moved and Albert L. Lind seconded to approve the proposal for services. Motion passed.

There	being	no	further	business	to	be	brought	before	the	Board,	the	meeting	was	adjourned	at
approx	imately	3:0	5 P.M.												
(SEA	L)														
										T. Scott!	Meini	ng, Secretar	y/Trea	surer	

# **CURRENT BILLS**

ITEM NO. 4A (1-6)

**JULY 18, 2024** 

# **Background Summary:**

Attached for your review are the bills paid for current bills received and paid in May and June.

MEGORINING DILEG.	JOL 1 2024	
Aflac	Insurance	1161.75
Always An Answer	Answering Service	156.50
Atmos Energy	Office/Field Utilities (est.)	700.00
Carter Lake Filter Plant	Dry Creek-10,665.95; Operations-238,903.01; NC-30,385.37	279,954.33
CEBT	Health Insurance (est.)	23,169.55
City of Greeley	Office Utility (est)	200.00
Colorado Dept. of Revenue	Taxes	3,720.00
Colorado Network Management	Office Exp	1,977.71
Colorado State Treasurer	Unemployment Insurance (Quarterly)	569.40
Comcast	Office Utilities	1,372.24
CorKat	Office Exp	4,749.31
CWCWD Employees	Salaries (est.)	56,000.00
Data Print	UB Bills Postage	1,808.15
First Class Security	Alarm Monitoring (Quarterly)	72.00
First National Bank	Fed/Wholding;Medicare; SS	22,000.00
Greeley Gopher	Office Expense	291.20
Lincoln National	Retirement: Dist-4,364.22; Emp-6,003.47	10,367.69
NCR Payment Solutions	Office Exp	933.57
Poudre Valley REA	Field Utilities (est.)	250.00
RAM Waste	Office/Warehouse maint	88.00
United Power	Field Utilities (est.)	1,100.00
UNCC	M&R	1,102.95
Verizon Wireless	M&R	1,457.33
Xcel Energy	Office/Field Utilities (est.)	1,000.00
Xerox Corporation	Office Exp	496.25
SUB TOTAL		414,697.93
Ace Hardware	M&R	56.47
Badger Meter	M&R	1,167.49
Buckeye Welding	M&R	30.60
Cintas	Office Exp	145.00
Clear Water Solutions	Prof Fees	2,131,36
Data West	Office Exp	1,530.00
First National Bank	M&R-151.83 Office Exp-3,854.47; Auto Exp-29.99	4,036.29
Greeley Loveland Irrigation	Water Assessment	74.25
Hamre, Rodriguez, Ostrander & Prescott	Prof Fees	1,692.50
Home Depot	M&R	142.85
Kepner	NC	169,523.33
LaSalle Oil	Auto Exp	1,379.93
Lohr Inc	M&R	260.00
Lube On the Move	Auto Exp	220.04
Northern Colo Constructors	NC - 104,026.88; M&R - 135,967.67; GIS - 8,000; Office Exp - 2,500	250,494.55
NOCO Engineering	Professional Fees	14,184.00
North Weld Herald	Office Exp	75.00
Office Depot	Office Exp	1,225.52
OJ Watson	Auto Exp	1,800.00
Ottem Electronics	Chlorine Exp	50.00
Prairie Mnt Media	Office Exp	51.04
Quantum Markers	M&R	5,989.98
Starr & Westbrook	Prof Fees	4,140.00
01 4 1 11		
Stevens Automotive	Auto Exp	189.99

**JULY 2024** 

**RECURRING BILLS:** 

CURRENT BILLS ITEM NO. 4A (1-6) JULY 18, 2024

Treatment Technology	M&R	978.00
Vermeer	Auto Exp	794.69
Warehouse Supply	M&R	144.74
WEL Consulting	Professional Fees	6,000.00
Weld County Public Works	NC	309.00
WEX Bank - Fleet	Auto Exp	3,206.03
Whiteside's	Office Exp	569.95

**SUB TOTAL** 

472,536.13

TOTAL 887,234.06

I have compared the Current Bills with the Checks and recommend payment be made to vendors. Any Bills that are questioned will be called out in the Minutes.

**Board Member** 

#### **PAID BILLS JUNE 2024**

	PAID BILLS JUNE 2024	
BEG. BALANCE JUNE 1, 2024	\$	824,589.67
FUNDS TRANSFER	\$	(500,000.00)
DEPOSITS	\$	1,582,362.41
SUB TO		1,906,952.08
00210	Recurring Utilities	1,000,002.00
Aflac	Insurance	
Always an Answer	Office Exp	157.00
Atmos Energy	Office/Field Utilities	87.60
Carter Lake Filter Plant	Dry Creek-16,249; Operations-183,881.56; NC-620,348.60; M&R-5,218.60	825,697.76
CEBT	Health Insurance	023,091.70
City of Greeley	Office Utility	267.62
Colorado Dept. of Revenue	Taxes	4,010.00
Comcast	Office Utilities	1,428.25
CorKat Data	Office Exp	4,900.84
CWCWD Employees	Salaries	74,008.61
DataPrint	Office Exp	1,801.89
First Class Security	Alarm Monitoring (Quarterly)	172.50
First National Bank	Fed/Wholding;Medicare; SS	28,605.74
Greeley Gopher		291.20
Lincoln National	Office Expense Retirement	
NCR Payment Solutions	1	10,367.69
•	Office Exp	758.41
Poudre Valley REA United Power	Field Utilities	234.85
	Field Utilities	1,293.12
UNCC	M&R	1,008.78
Verizon Wireless	M&R	1,090.41
Xcel Energy	Office/Field Utilities	1,329.87
Xerox	Office Exp	524.45
	SUB TOTAL	958,036.59
la		
Ace Hardware	M&R	154.82
	M&R Professional Fees	
Ally Consulting		9,881.50
Ally Consulting Anadarko	Professional Fees	9,881.50 500.00
Ally Consulting Anadarko APEX Collision	Professional Fees Easement	9,881.50 500.00 3,938.65
Ally Consulting Anadarko APEX Collision Asphalt Specialties	Professional Fees Easement Auto Exp	9,881.50 500.00 3,938.65 1,200.00
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive	Professional Fees Easement Auto Exp Bulk Hyd Refund	9,881.50 500.00 3,938.65 1,200.00 505.61
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp Office Exp	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions Colo Analytical	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp Office Exp Prof Fees	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions Colo Analytical Colo Special District	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp Office Exp Prof Fees Water Samples Insurance	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00 1,000.00
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions Colo Analytical Colo Special District Data West	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R Office Exp Office Exp Prof Fees Water Samples	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00 1,000.00
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions Colo Analytical Colo Special District Data West First National Bank	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R M&R M&R Voffice Exp Office Exp Prof Fees Water Samples Insurance Office Exp	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00 1,000.00 4,202.24
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions Colo Analytical Colo Special District Data West First National Bank Hach Co	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp Office Exp Prof Fees Water Samples Insurance Office Exp M&R-331.67 Office Exp-3,764.09; Auto Exp-106.48 M&R	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00 1,000.00 1,080.00 4,202.24 731.85
Ally Consulting Anadarko APEX Collision Asphalt Specialties B&M Automotive Badger Meter Buckeye Welding Bucklen Equip Cintas Clear Water Products Clear Water Solutions Colo Analytical Colo Special District Data West First National Bank Hach Co Hamre Rodriguez Ostrander	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp Office Exp Prof Fees Water Samples Insurance Office Exp M&R-331.67 Office Exp-3,764.09; Auto Exp-106.48	9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00 1,000.00 1,080.00 4,202.24 731.85
Badger Meter Buckeye Welding	Professional Fees Easement Auto Exp Bulk Hyd Refund Auto Exp M&R M&R M&R Office Exp Office Exp Prof Fees Water Samples Insurance Office Exp M&R-331.67 Office Exp-3,764.09; Auto Exp-106.48 M&R Professional Fees	154.82 9,881.50 500.00 3,938.65 1,200.00 505.61 1,177.94 30.60 154.07 257.88 2,347.38 2,175.00 455.00 1,000.00 1,080.00 4,202.24 731.85 30.00 454.32 352.39

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John Deere Financial	Office Exp	319.85
LaSalle Oil	Auto Exp	1,320.76
Little Thompson Water District	Dry Creek Exp	1,022.50
Lohr Inc	M&R	260.00
M&O Tires	Auto Exp	45.00
McForms	Office Exp	216.62
Mountain West Tank Resc	M&R	15,000.00
NCC	Office Exp - 2,500.00; Auto Exp - 90.00; M&R - 164,296.00	166,886.00
NOCO Engineering	Professional Fees	13,441.98
Office Depot	Office Exp	914.78
Ottem Electronics	Chlorine Exp	50.00
PV\$ DX	Chlorine Exp	712.29
Scorr Solutions	M&R	410.63
Starr & Westbrook	Professional Fees	3,300.00
Terminix	Off/Whse Exp	178.00
TimberLine Electric	Field & Auto Equipment	30,637.50
Troudt Plumbing	Office Exp	110.00
Vermeer	Auto Exp	267.41
Warehouse Supply	M&R	49.23
WEL Consulting	Professional Fees	6,000.00
Weld County Clerk & Recorder	Office Exp	182.00
Weld County Health	Water Samples	1,083.60
weld County Public Works	M&R	939.90
WEX Bank - Fleet	Auto Exp	2,836.82
Whiteside's	Office Exp	379.98

*Denotes	Rille	naid	after	Roard	meeting*
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Subtotal	280 119 10

**BANK BALANCE JUNE 30, 2024** 

668,796.39

#### PAID BILLS MAY 2024

BEG. BALANCE MAY 1, 2024	\$	438,413.48
FUNDS TRANSFER	\$	(1,300,000.00)
DEPOSITS	\$	2,542,689.68
SUB TOTAL		1,681,103.16
	Recurring Utilities	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Aflac	Insurance	2,323.50
Always an Answer	Office Exp	155.25
Atmos Energy	Office/Field Utilities	147.49
Carter Lake Filter Plant	Dry Creek-8,109.87; Operations-160,523.74; NC-218,916.79	387,550.40
CEBT	Health Insurance	44,380.93
City of Greeley	Office Utility	125.52
Colorado Dept. of Revenue	Taxes	4,135.00
Comcast	Office Utilities	2,203.85
CorKat Data	Office Exp	4,884.31
CWCWD Employees	Salaries	76,219.69
DataPrint	Office Exp	5,154.75
First Class Security	Atarm Monitoring (Quarterly)	-
First National Bank	Fed/Wholding;Medicare; SS	29,320.06
Greeley Gopher	Office Expense	291.20
Lincoln National	Retirement	10,367.69
NCR Payment Solutions	Office Exp	669.99
Poudre Valley REA	Field Utilities	226.79
United Power	Field Utilities	1,323.67
UNCC	M&R	459.24
Verizon Wireless	M&R	1,089.85
Xcel Energy	Office/Field Utilities	928.85
	Office Form	222.00
Xerox	Office Exp	239.99
ACIOX	SUB TOTAL	572,198.02
Aerox		
Ace Hardware		
Ace Hardware	SUB TOTAL M&R	572,198.02
	SUB TOTAL	<b>572,198.02</b> 88.39
Ace Hardware Adams Group	M&R Audit Exp	88.39 2,000.00 7,740.00
Ace Hardware Adams Group Ally Consulting	M&R Audit Exp Professional Fees	88.39 2,000.00 7,740.00 2,886.80
Ace Hardware Adams Group Ally Consulting Badger Meter	M&R Audit Exp Professional Fees M&R	88.39 2,000.00 7,740.00 2,886.80 149.57
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto	M&R Audit Exp Professional Fees M&R Auto Exp	88.39 2,000.00 7,740.00 2,886.80 149.57
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding	M&R Audit Exp Professional Fees M&R Auto Exp M&R	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp Office Exp	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp Office Exp M&R Office Exp M&R-1,053.96; Office Exp-371.85; Auto Exp-84.98 Bulk Hyd Refund	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00 1,510.79
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge First National Bank	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp Office Exp M&R Office Exp	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00 1,510.79 970.98
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge First National Bank Goodell Machinery	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp M&R Office Exp M&R Office Exp Balk M&R Office Exp M&R-1,053.96; Office Exp-371.85; Auto Exp-84.98 Bulk Hyd Refund Water Assessment	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00 1,510.79 970.98 74.25
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge First National Bank Goodell Machinery Greeley & Loveland Irrigation Hamre Rodriguez Ostrander & Prescott Home Depot	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp M&R Office Exp M&R Office Exp Balk M&R Office Exp M&R-1,053.96; Office Exp-371.85; Auto Exp-84.98 Bulk Hyd Refund Water Assessment	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00 1,510.79 970.98 74.25 3,737.33
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge First National Bank Goodell Machinery Greeley & Loveland Irrigation Hamre Rodriguez Ostrander & Prescot	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp Prof Fees Office Exp M&R Office Exp M&R-1,053.96; Office Exp-371.85; Auto Exp-84.98 Bulk Hyd Refund Water Assessment t Prof Fees	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00 1,510.79 970.98 74.25 3,737.33 325.52
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge First National Bank Goodell Machinery Greeley & Loveland Irrigation Hamre Rodriguez Ostrander & Prescott Home Depot	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp M&R Office Exp M&R-1,053.96; Office Exp-371.85; Auto Exp-84.98 Bulk Hyd Refund Water Assessment t Prof Fees M&R	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00 1,510.79 970.98 74.25 3,737.33 325.52 1,925.00
Ace Hardware Adams Group Ally Consulting Badger Meter B&M Auto Buckeye Welding Cintas Clear Water Solutions Colorado Rockies Core & Main Data West Everbridge First National Bank Goodell Machinery Greeley & Loveland Irrigation Hamre Rodriguez Ostrander & Prescott Home Depot InVision GIS	M&R Audit Exp Professional Fees M&R Auto Exp M&R Office Exp Prof Fees Office Exp M&R Office Exp M&R-1,053.96; Office Exp-371.85; Auto Exp-84.98 Bulk Hyd Refund Water Assessment t Prof Fees M&R GIS	88.39 2,000.00 7,740.00 2,886.80 149.57 30.60 323.53 2,727.50 690.00 2,954.00 171.70 3,000.00

Little Thompson	Dry Creek	323.26
Lohr Inc	M&R	260.00
M&O Tires	Auto Exp	25.00
NCC	M&R - 153,726.87; GIS - 8,000; Office - 2,500; Fld/Whrs - 3,651.63	167,878.50
NOCO Engineering	Professional Fees	22,636.06
North Colo Water Conservancy Dist	Water Assessment	22,939.24
Ottem Electronics	Chlorine Exp	50.00
Pomp's Tire Service	Auto Exp	500.38
Prairie Mountain Media	Office Exp	237.60
PVD Dx, Inc	Chlorine Exp	40.00
Roto Rooter Service	M&R	175.50
Starr & Westbrook	Prof Fees	7,080.00
TimberLine Elec	M&R	2,230.20
WEL Consulting	Professional Fees	6,000.00
Weld County Clerk and Recorder	Office Exp	77.00
Weld County Garage	Auto Exp	218.90
Weld County Health	Water Samples	563.30
Weld County Public Works	M&R	685.00
WEX Bank - Fleet	Auto Exp	3,155.23
Whiteside's	Office Exp	229.96

#### \*Denotes Bills paid after Board meeting\*

Subtotal 284,389.72

BANK BALANCE MAY 31, 2024 \$ 824,515.42

# FUND INVESTMENTS ITEM NO. 4B (1-2)

**JULY 18, 2024** 

# **Background Summary:**

Attached for your review is the Funds summary for the District.

#### FUNDS INVESTMENT FOR FINANCIAL REPORTS

FUNDS	
FNBO - Checking Balance	\$ 668,796.39
FNBO - Savings Balance	\$ 1,812,327.54
CD Balance	\$ 195,000.00
Colotrust Balance	\$ 31,024,887.19
CSAFE Balance	\$ 4,940,290.78
TOTAL REVENUE	\$ 38,641,301.90
	 <del></del>
Less Remaining Expense Balance	\$ (25,296,839.50)
Less Bond Payment	\$ (3,510,350.00)
PROJECTED EXPENSES	\$ (28,807,189.50)

Projected Expenses	SPENT	PROJECTED	BALANCE
7 MG Tank	2,136,349.54	2,136,350.00	
NISP Design	7,351,400.00	4,577,650.00	
NISP Construction	0.00	0.00	0.00
Windy Gap Construction	2,279,753.00	2,300,000.00	20,247.00
Water Purchases	60,263,010.00	51,997,680.00	
Frederick Waterline Design	296,461.50	300,000.00	3,538.50
Frederick Waterline Construction	0.00	2,700,000.00	2,700,000.00
CLFP PreTreatment Design	1,626,946.00	1,200,000.00	-426 946 00
CLFP PreTreatment Construction	0.00	23,000,000.00	23,000,000.00
Eastern Regional Treatment Plant Design	226,262.00	200,000.00	
Eastern Regional Treatment Plant Land Purchase_	1,000,000.00	1,000,000,00	
	75,180,182.04	89,411,680.00	25,296,839.50

#### FUNDS INVESTMENT FOR FINANCIAL REPORTS

#### FUNDS INVESTMENT SUMMARY:

Name	Beg Balance	Fund Transfers	Interest	Rate	Current Balance
First Nat'l Checking	\$ 835,224.66				\$ 692,653.33
First Nat'l Savings	\$ 1,308,895.01	\$ 500,000.00	\$ 3,432.53	2.57%	\$ 1,812,327.54
CSAFE Bond Series	\$ 4,918,301.30		\$ 21,989.48	5.43%	\$ 4,940,290.78
Colotrust Prime	\$ 93,268.51		\$ 402.04	5.2486%	\$ 93,670.55
Colotrust Plus	\$21,088,870.78		\$ 93,657.33	5.4069%	\$ 21,182,528.11
Colotrust Assessments	\$ 320,602.83		\$ 1,382.04	5.2486%	\$ 321,984.87
Colotrust NISP	\$ 6,198,906.03		\$ 27,529.82	5.4069%	\$ 6,226,435.85
Colotust Retirement Fund	\$ 544,748.52		\$ 2,419.27	5.4069%	\$ 547,167.79
Colotrust Water Rights	\$ 3,014.57		\$ 13.44	5.4069%	\$ 3,028.01
Colotrust Bond Series	\$ 77,360.31		\$ 343.57	5.4069%	\$ 77,703.88
Colotrust Flood	\$ 2,560,994.54		\$ 11,373.59	5.4069%	\$ 2,572,368.13
2013 Paid Flood Expenses	\$ (3,335,011,24)		•		
Accumulated Flood Interest Rec'd	\$ 344,605.56				
Flood Exp vs. Reimbursed	\$ (762,643.11)	•			

Date	Amount	Term
/2025	\$ 95,000.00	12-month term 5.00% previous 1.0%
/2024 *	\$ 100,000.00	12-month term 0.10% previous 0.05%
at CD		(\$300,000)
TOTAL	\$ 195,000.00	•
	/2025 /2024 * ut CD	/2025 \$ 95,000.00 /2024 * \$100,000.00 ut CD

	JUNE	2024		JUNE	2023
Monthly Revenue Comparison	2024	YTD		2023	 YTD
CBT Water Service Billed	\$ 2,266,196	\$ 7,303,086	\$	982,846	\$ 4,305,065
Raw Water Transfers	\$ -	\$ -	\$	-	\$ 4,190,000
CBT Tap Fees Received	\$ 168,000	\$ 266,000	\$	31,500	\$ 423,500
Bulk Water Sales	\$ 34,260	\$ 138,290	\$	42,700	\$ 151,170
MiscWaterSrvc - (LHWD, Verizon, Studies,	\$ 3,525	\$ 1,620,699	\$	4,812	\$ 1,837,926
Non-district Tap Fees Received	\$ 108,000	\$ 596,065	\$	69,000	\$ 94,500
Line Extension_	\$ •	\$ 52,658	\$	50,000	\$ 316,960
TOTALS	\$ 2,579,981	\$ 9,976,798	 \$	1,180,858	\$ 11,319,121

# BUDGET REPORT ITEM NO. 4C (1-4)

**JULY 18, 2024** 

# **Background Summary:**

Attached for your review is the Budget Report for the District.

#### CENTRAL WELD COUNTY WATER DISTRICT 2023 YTD vs. 2024 YTD BUDGET REPORTS JANUARY 1 - DECEMBER 31, 2024

BUDGET REPORTS Item No. 4C (1-4) July 18, 2024

ITEMS BEGINNING BALANCE	ACTUAL TO 6/30/2023	BUDGET 2024	ACTUAL TO 6/30/2024	2024 in Comparison to Prior Year 2023
Reserves	24,050,025	32,075,000	32,876,211	8,826,186
Restricted	825,000	825,000	825,000	0
TOTAL	24,875,025	32,900,000	33,701,211	8,826,186
REVENUES:				
Operating Revenues:				
Water Service	4,357,717	11,000,000	6,281,275	1,923,558
Surcharge Rates Billed	736,476	3,200,000	1,021,431	284,955
Bulk Water Sales	151,170	250,000	138,290	-12,880
Miscellaneous (30120;30150;30160)	787,927	175,000	500,900	-287,027
TOTAL	6,033,290	14,625,000	7,941,896	1,908,606
Non-Operating Revenues:	44 777 000		4.040.000	0.044.700
Revenue from Bond	11,755,088	7,115,000	4,940,290	-6,814,798
Water Storage Revenue	1,050,000	1,150,000	1,125,000	75,000
Interest	842,555	1,050,000	993,945	151,390
TOTAL Contributions:	13,647,643	9,315,000	7,059,235	-6,588,408
Tap Fees incl. Towns	E49.000	750 000	000.005	244.005
Raw Water Transfers/Capital	518,000 4,190,000	750,000 2,000,000	862,065 0	344,065 -4,190,000
Advance for Construction	4, 190,000	2,000,000	U	-4,190,000
(MM; fire hyd.;etc. pd.for by others)	316,960	275,000	52,658	-264,302
TOTAL	5,024,960	3,025,000	914,723	-4.110.237
101712	0,024,000	0,020,000	V14,123	4,110,207
TOTAL REVENUES OPERATING EXPENSES:	24,705,893	26,965,000	15,915,854	-8,790,039
Salaries	565,727	1,175,000	614,885	49,158
Overtime/Sick/Bonus Pay	000,727	100,000	014,000	49,136
Office/Warehouse Expense	151,551	270,000	137,732	-13.819
Office/Field Utilities	29,631	55,000	29,461	-170
Professional Fees	180,730	250,000	226,664	45,934
Insurance	236,836	398,000	114,524	-122,312
Director Fees/Board Expense	2,265	7,000	2,581	316
Payroll Taxes	45,128	87,250	48,344	3,216
Water Assessments	408,186	435,000	439,756	31,570
Operations and Maintenance	1,187,786	1,925,000	1,073,562	-114,224
Carter Lake Filter Plant	1,078,303	2,300,000	903,015	-175,288
Water Rental	39,200	100,000	0	-39,200
Automotive	37,913	80,000	37,193	-720
Dry Creek Reservoir	22,471	55,000	64,065	41,594
Depreciation	1,100,000	2,532,000	1,290,500	190,500
TOTAL	5,085,727	9,769,250	4,982,282	-103,445
DEBT RETIREMENT:				
Bond Loan Repayment	928,925	3,510,350	887,675	-41,250
TOTAL	928,925	3,510,350	887,675	-41,250
CAPITAL IMPROVEMENTS:	000.007	400.000	227.272	
Distribution System (new const.)	236,887	430,000	687,872	450,985
Frederick 30" Waterline design	35,832	2,000,000	32,639	-3,193
Rate Study/Master Plan NISP	0 000 050	15,000	18,608	18,608
	2,022,650	3,300,000	2,388,750	366,100
Filter Plant GIS/GPS Map Updates	369,317	5,000,000	1,485,032	1,115,715
Windy Gap Firming	59,062	10,000	34,800	-24 262
Chlorine Booster Stations	0 3,062	75,000 500,000	0	-3,062
SCADA/Telemetry	3,062	5,000	0	-3,002
Easements/Land/Building	84,389	100,000	500	-83,889
Water Rights	13,524,330	1,500,000	42,000	
Office/Field/Tank Equipment	196,571	100,000	43,586	-152,985
		13,035,000	4,733,787	
TOTAL	16,532,100	13,033,000	4,733,707	-11,/30,313
TOTAL TOTAL EXPENSES	22,546,752	26,314,600	10,603,744	-11,943,008

#### CENTRAL WELD COUNTY WATER DISTRICT 2024 BUDGET vs. 2024 ACTUAL **BUDGET REPORTS** JANUARY 1 - DECEMBER 31, 2024

**BUDGET REPORTS** Item No. 4C (1-4) July 18, 2024

OVER OR (UNDER) % OF **ITEMS ACTUAL** BUDGET ACTUAL TO BUDGET BUDGET **BEGINNING BALANCE** 2023 2024 6/30/2024 2024 2024 Reserves 18,964,174 32,075,000 32,876,211 801,211 Restricted 825,000 825,000 825,000 TOTAL 19,789,174 32,900,000 33.701.211 801.211 **REVENUES** Operating Revenues: Water Service 11,000,000 6,281,275 57% 10,412,425 -4,718,725 Surcharge Rates Billed 2,609,596 32% 3,200,000 1,021,431 -2,178,569 **Bulk Water Sales** 253,071 250,000 138,290 -111,710 55% Miscellaneous 110,154 175,000 500,900 325,900 286% TOTAL 13,385,246 14,625,000 7,941,896 -6,683,104 54% Non-Operating Revenues: Revenue from Bond 27,028,428 7,115,000 4,940,290 -2,174,710 69% Water Storage Revenue 675.000 1,150,000 1.125,000 -25,000 0% <u>-56,0</u>55 Interest 993,945 95% 942,273 1,050,000 TOTAL 28,645,701 7,059,235 76% 9,315,000 -2,255,765 Contributions Tap Fees 3,496,950 862,065 115% 750,000 112,065 Raw Water/Capital 2,646,979 2,000,000 0 -2,000,000 0% Advance for Construction 222.017 275,000 52.658 -222,342 19% TOTAL 6,365,946 3,025,000 914,723 -2,110,277 30% **TOTAL REVENUES** 48,396,893 26,965,000 15,915,854 -11,049,146 59% **OPERATING EXPENSES:** Salaries 1,008,038 1,175,000 614,885 -560,115 52% Overtime/Sick/Bonus Pay 75,526 -100,000 100,000 0% Office/Warehouse Expense 51% 263,044 270,000 137,732 -132,268 Office/Field Utilities 53,003 55,000 29,461 -25,539 54% Professional Fees 349,659 250,000 226,664 -23,336 91% Insurance 395,341 398,000 114,524 -283,476 29% Director Fees/Board Expense 12,111 7,000 2,581 -4,419 37% **Payroll Taxes** -38.906 55% 89.161 87,250 48,344 Water Assessments 390,428 435,000 439,756 4,756 101% Operations and Maintenance 1,180,956 1,925,000 1,073,562 -851,438 56% Carter Lake Filter Plant 1,684,418 2,300,000 903,015 -1,396,985 39% 0% Water Rental -100,000 236 100,000 0 Automotive 97,998 -42,807 46% 80,000 37,193 Dry Creek Reservoir 36,126 116% 55,000 64,065 9.065 Depreciation 2,200,000 2,532,000 1,290,500 -1,241,500 51% TOTAL 7,836,045 9,769,250 4,982,282 -4,786,968 51% **DEBT RETIREMENT:** Bond Loan Repayment 3.511.600 -2.622.675 0% 3,510,350 887.675 TOTAL 3,511,600 3,510,350 887,675 -2,622,675 0% CAPITAL IMPROVEMENTS: Distribution System (new const.) 484,025 687,872 160% 430,000 257,872 Frederick 30" Waterline design 104,924 2,000,000 32,639 -1,967,361 0% Rate Study/Master Plan 18,608 0 15,000 3,608 124% NISP 1.662.500 3.300.000 2.388.750 -911.250 0% Filter Plant 517,991 5,000,000 1,485,032 -3,514,968 30% GIS/GPS Map Updates 117,420 10,000 34,800 24,800 348% Windy Gap Firming 0 75,000 0 -75,000 0% **Chlorine Booster Stations** 500,000 0% 0 0 -500,000 SCADA/Telemetry -5,000 0% 0 5,000 0 Easements/Land/Building 1,005,010 100,000 500 -99,500 1% Water Rights 19,178,085 1,500,000 42,000 -1,458,0003% Office/Field/Tank Equipment 159,737 100,000 43,586 -56,414 44% TOTAL 23,229,692 13,035,000 4,733,787 -8,301,213 36% **TOTAL EXPENSES** 34,577,337 26,314,600 40%

10,603,744

-15.710.856

#### CENTRAL WELD COUNTY WATER DISTRICT 2023 YTD vs. 2024 YTD BUDGET REPORTS JANUARY 1 - DECEMBER 31, 2024

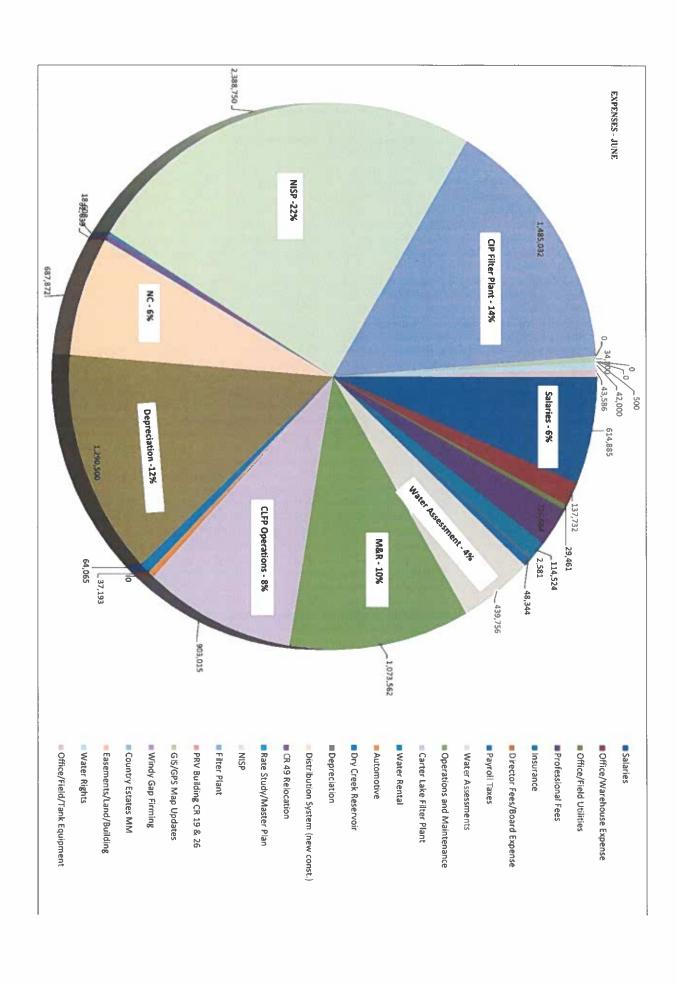
BUDGET REPORTS Item No. 4C (1-4) July 18, 2024

				2024 in Comparison
ITEMS	ACTUAL TO	BUDGET	ACTUAL TO	to Prior Year
BEGINNING BALANCE	5/31/2023	2024	5/31/2024	2023
Reserves Restricted	22,764,916	32,075,000	32,691,377	9,926,461
TOTAL	825,000 23,589,916	825,000 32,900,000	825,000 33,516,377	9,926,461
REVENUES:	23,309,910	32,300,000	33,310,377	9,920,401
Operating Revenues:				
Water Service	3,321,999	11,000,000	4,367,947	1,045,948
Surcharge Rates Billed	512,974	3,200,000	668,725	155,751
Bulk Water Sales	108,470	250,000	104,030	-4,440
Miscellaneous (30120;30150;30160)	743,915	175,000	496,991	-246,924
TOTAL	4,687,358	14,625,000	5,637,693	950,335
Non-Operating Revenues:				
Revenue from Bond	11,704,961	7,115,000	4,918,301	-6,786,660
Water Storage Revenue	1,050,000	1,150,000	1,125,000	75,000
Interest	703,451	1,050,000	831,327	127,876
TOTAL	13,458,412	9,315,000	6,874,628	-6,583,784
Contributions:				
Tap Fees incl. Towns	417,500	750,000	586,065	168,565
Raw Water Transfers/Capital	4,190,000	2,000,000	0	-4,190,000
Advance for Construction	000 000	075 000	F0.050	011 000
(MM; fire hyd.;etc. pd.for by others) TOTAL	266,960	275,000	52,658	-214,302
TOTAL	4,874,460	3,025,000	638,723	-4,235,737
TOTAL REVENUES	23,020,230	26,965,000	13,151,044	-9,869,186
OPERATING EXPENSES:				
Salaries	475,406	1,175,000	507,305	31,899
Overtime/Sick/Bonus Pay	0	100,000	0	0
Office/Warehouse Expense	137,882	270,000	114,598	-23,284
Office/Field Utilities	25,666	55,000	24,726	-940
Professional Fees	156,506	250,000	195,853	39,347
Insurance	218,932	398,000	113,524	-105,408
Director Fees/Board Expense	2,211	7,000	2,581	370
Payroll Taxes	37,920	87,250	39,867	1,947
Water Assessments	408,186	435,000	439,756	31,570
Operations and Maintenance	970,012	1,925,000	879,596	-90,416
Carter Lake Filter Plant	914,721	2,300,000	808,333	-106,388
Water Rental	39,200	100,000	0	-39,200
Automotive	30,081	80,000	27,618	-2,463
Dry Creek Reservoir	21,345	55,000	61,085	39,740
Depreciation	1,100,000	2,532,000	1,290,500	190,500
TOTAL	4,538,068	9,769,250	4,505,342	-32,726
DEBT RETIREMENT:				
Bond Loan Repayment	928,925	3,510,350	887,675	-41,250
TOTAL	928,925	3,510,350	887,675	-41,250
CAPITAL IMPROVEMENTS:				
Distribution System (new const.)	239,949	430,000	547,091	307,142
Frederick 30" Waterline design	18,501	2,000,000	32,639	14,138
Rate Study/Master Plan	0	15,000	18,608	18,608
NISP	2,022,650	3,300,000	2,388,750	366,100
Filter Plant	314,813	5,000,000	1,123,064	808,251
GIS/GPS Map Updates	50,000	10,000	34,800	-15,200
Windy Gap Firming	0	75,000	0	0
Chlorine Booster Stations	0	500,000	0	0
SCADA/Telemetry	0	5,000	0	0
Easements/Land/Building	84,389	100,000	0	-84,389
Water Rights	13,524,330	1,500,000	42,000	-13,482,330
Office/Field/Tank Equipment	196,571	100,000	43,586	-152,985
TOTAL	16,451,203	13,035,000	4,230,538	-12,220,665
TOTAL EXPENSES	21,918,196	26,314,600	9,623,555	-12,294,641
				4C (3)

# CENTRAL WELD COUNTY WATER DISTRICT 2024 BUDGET vs. 2024 ACTUAL BUDGET REPORTS JANUARY 1 - DECEMBER 31, 2024 OVER OR

BUDGET REPORTS Item No. 4C (1-4) July 18, 2024

			,	OVER OR	
				(UNDER)	% OF
ITEMS	ACTUAL	BUDGET	ACTUAL TO	BUDGET	BUDGET
BEGINNING BALANCE	2023	2024	5/31/2024	2024	2024
Reserves	18,964,174	32,075,000	32,691,377	616,377	
Restricted	825,000	825,000	825,000	0	
TOTAL	19,789,174	32,900,000	33,516,377	616,377	
REVENUES					
Operating Revenues: Water Service	10,412,425	11,000,000	4,367,947	-6,632,053	40%
Surcharge Rates Billed	2,609,596	3,200,000	668,725	-2,531,275	21%
Bulk Water Sales	253,071	250,000	104,030	-145,970	42%
Miscellaneous	110,154	175,000	496,991	321,991	284%
TOTAL	13,385,246	14,625,000	5,637,693	-8,987,307	39%
Non-Operating Revenues:	,,		.,,	-,,	
Revenue from Bond	27,028,428	7,115,000	4,918,301	-2,196,699	69%
Water Storage Revenue	675,000	1,150,000	1,125,000	-25,000	0%
Interest	942,273	1,050,000	831,327	-218,673	79%
TOTAL	28,645,701	9,315,000	6,874,628	-2,440,372	74%
Contributions					
Tap Fees	3,496,950	750,000	586,065	-163,935	78%
Raw Water/Capital	2,646,979	2,000,000		-2,000,000	0%
Advance for Construction	222,017	275,000		-222,342	19%
TOTAL	6,365,946	3,025,000	638,723	-2,386,277	21%
TOTAL DEVENIUES	40.000.000	00 005 000	40.454.044	40.040.050	100/
TOTAL REVENUES	48,396,893	26,965,000	13,151,044	-13,813,956	49%
OPERATING EXPENSES:					
Salaries	1,008,038	1,175,000	507,305	-667,695	43%
Overtime/Sick/Bonus Pay	75,526	100,000		-100,000	0%
Office/Warehouse Expense	263,044	270,000		-155,402	42%
Office/Field Utilities	53,003	55,000	,	-30,274	45%
Professional Fees	349,659	250,000	195,853	-54,147	78%
Insurance	395,341	398,000	,	-284,476	29%
Director Fees/Board Expense	12,111	7,000		-4,419	37%
Payroll Taxes	89,161	87,250	39,867	-47,383	46%
Water Assessments	390,428	435,000	439,756	4,756	101%
Operations and Maintenance	1,180,956	1,925,000	879,596	-1,045,404	46%
Carter Lake Filter Plant	1,684,418	2,300,000	808,333	-1,491,667	35%
Water Rental	236	100,000		-100,000	0%
Automotive	97,998	80,000		-52,382	35%
Dry Creek Reservoir	36,126	55,000		6,085	111%
Depreciation TOTAL	2,200,000	2,532,000		-1,241,500	51%
TOTAL	7,836,045	9,769,250	4,505,342	-5,263,908	46%
DEBT RETIREMENT:					
Bond Loan Repayment	3,511,600	3,510,350	887.675	-2,622,675	0%
TOTAL	3,511,600	3,510,350		-2,622,675	0%
101712	0,011,000	0,010,000	001,010	-2,022,010	070
CAPITAL IMPROVEMENTS:					
Distribution System (new const.)	484,025	430,000	547,091	117,091	127%
Frederick 30" Waterline design	104,924	2,000,000	32,639	-1,967,361	0%
Rate Study/Master Plan	0	15,000	18,608	3,608	124%
NISP	1,662,500	3,300,000	2,388,750	-911,250	0%
Filter Plant	517,991	5,000,000	1,123,064	-3,876,936	22%
GIS/GPS Map Updates	117,420	10,000	34,800	24,800	348%
Windy Gap Firming	0	75,000		-75,000	0%
Chlorine Booster Stations	0	500,000		-500,000	0%
SCADA/Telemetry	0	5,000		-5,000	0%
Easements/Land/Building	1,005,010	100,000		-100,000	0%
Water Rights	19,178,085	1,500,000		-1,458,000	3%
Office/Field/Tank Equipment TOTAL	159,737	100,000		-56,414	44%
TOTAL	23,229,692	13,035,000	4,230,538	-8,804,462	32%
TOTAL EXPENSES	34,577,337	26,314,600	9,623,555	-16,691,045	37%
TOTAL EXI LINGES	J-1,J11,J31	20,314,000	3,023,000	-10,081,040	31%



# **INCOMING CORRESPONDENCE**

# ITEM NO. 5A

# **JULY 18, 2024**

	NAME	LOCATION	DATE	DESCRIPTION
1	Town of Platteville	450 Front Street (CR 34 & Hwy 85)	6/7/2024	TFP Nutrition dog food production facility anticipating 19 MG +/- annually with blending from water well
2	Town of Platteville	CR 36/27-29	6/7/2024	Bella Estates installation fee for Lot 4
3	Customer Request	Beebe Draw	6/20/2024	Wanting to upsize from a Budget tap to a 5/8" tap although the Authority allows for a Budget unless there are 5 or more bathrooms
4				
5				
6				
7				
8				

## **OUTGOING CORRESPONDENCE**

## ITEM NO. 5B

# **JULY 18, 2024**

#### Water Service:

Responded that water service can be made available provided all requirements of NCWCD and the Bureau are satisfied to the following:

i to the following.				
NAME	LOCATION	DATE	PRICE	DESCRIPTION
Town of LaSalle	CR 394 & 1 <sup>st</sup> Ave	5/2/24	\$18,000	<sup>3</sup> / <sub>4</sub> " master meter
R. Johnson	CR 19 & 20	5/7/24	N/A	Can Serve
Shahzad & Shaguftaa	CR 20/21-23	5/8/24	\$293,800	Home with Line
Sarwar		ļ		Extension
Harris Constructors	CR 38/23-25	5/9/24	\$460,746	Fire Hydrant with
				Line Extension
Javier Vargas	CR 22/17-19	5/13/24	\$84,000	House
Mario Castaneda	CR 13/24-26	5/22/24	N/A	Can Serve
American Building Sys	CR 21/8-10	5/23/24	\$84,000	House
Town of Kersey	Hwy 34 – Lot 4	5/29/24	\$15,050	³/₄" meter
Derek Barnes	CR 24.5/21.5-23	6/5/24	\$84,000	House
Kathy & Jason Markiewicz	CR 21/10-12	6/7/24	\$84,000	House
Town of Platteville	Bella Estates Lot 4	6/12/24	\$7,050	House
Sam Villani& Sharon Dixon	CR 21/8-10	6/12/24	\$394,000	House with Line Ext
Town of Platteville	CR 19/32-34	6/14/24	\$1,016,330	MM, line ext, hyd
Manuel Maldonado	CR 48/47-49	6/25/24	\$84,000	House
Michelle Oliveira	Beebe Draw	6/26/24	\$7,265.10	5/8" to 2 Budget taps
	Town of LaSalle R. Johnson Shahzad & Shaguftaa Sarwar Harris Constructors  Javier Vargas Mario Castaneda American Building Sys Town of Kersey Derek Barnes Kathy & Jason Markiewicz Town of Platteville Sam Villani& Sharon Dixon Town of Platteville Manuel Maldonado	NAMELOCATIONTown of LaSalleCR 394 & 1st AveR. JohnsonCR 19 & 20Shahzad & ShaguftaaCR 20/21-23SarwarCR 38/23-25Harris ConstructorsCR 38/23-25Javier VargasCR 22/17-19Mario CastanedaCR 13/24-26American Building SysCR 21/8-10Town of KerseyHwy 34 - Lot 4Derek BarnesCR 24.5/21.5-23Kathy & Jason MarkiewiczCR 21/10-12Town of PlattevilleBella Estates Lot 4Sam Villani& Sharon DixonCR 21/8-10Town of PlattevilleCR 19/32-34Manuel MaldonadoCR 48/47-49	NAME         LOCATION         DATE           Town of LaSalle         CR 394 & 1st Ave         5/2/24           R. Johnson         CR 19 & 20         5/7/24           Shahzad & Shaguftaa         CR 20/21-23         5/8/24           Sarwar         CR 38/23-25         5/9/24           Harris Constructors         CR 38/23-25         5/9/24           Javier Vargas         CR 22/17-19         5/13/24           Mario Castaneda         CR 13/24-26         5/22/24           American Building Sys         CR 21/8-10         5/23/24           Town of Kersey         Hwy 34 - Lot 4         5/29/24           Derek Barnes         CR 24.5/21.5-23         6/5/24           Kathy & Jason Markiewicz         CR 21/10-12         6/7/24           Town of Platteville         Bella Estates Lot 4         6/12/24           Sam Villani& Sharon Dixon         CR 21/8-10         6/12/24           Town of Platteville         CR 19/32-34         6/14/24           Manuel Maldonado         CR 48/47-49         6/25/24	NAME         LOCATION         DATE         PRICE           Town of LaSalle         CR 394 & 1st Ave         5/2/24         \$18,000           R. Johnson         CR 19 & 20         5/7/24         N/A           Shahzad & Shaguftaa         CR 20/21-23         5/8/24         \$293,800           Sarwar         Sarwar         5/9/24         \$460,746           Harris Constructors         CR 38/23-25         5/9/24         \$460,746           Javier Vargas         CR 22/17-19         5/13/24         \$84,000           Mario Castaneda         CR 13/24-26         5/22/24         N/A           American Building Sys         CR 21/8-10         5/23/24         \$84,000           Town of Kersey         Hwy 34 - Lot 4         5/29/24         \$15,050           Derek Barnes         CR 24.5/21.5-23         6/5/24         \$84,000           Kathy & Jason Markiewicz         CR 21/10-12         6/7/24         \$84,000           Town of Platteville         Bella Estates Lot 4         6/12/24         \$7,050           Sam Villani& Sharon Dixon         CR 21/8-10         6/12/24         \$394,000           Town of Platteville         CR 19/32-34         6/14/24         \$1,016,330           Manuel Maldonado         CR 48/47-49

#### **Additional Water Service:**

Responded that water service is currently available and additional service can be provided to property, provided all requirements of NCWCD and the Bureau are satisfied.

- 7		THE CLASS OF WHE WE DUTCH	aa are battbiieat			
		NAME	LOCATION	DATE	PURPOSE	DESCRIPTION
	1	Glenn Cook	CR 16-15-17	6/12/24	N/A	Rec Exempt
	2	Olson's Greenhouse	CR 14.5/23-25	6/24/24	N/A	4 Dwellings
	3	1				

#### Non-Opp Letters:

Responded that the District will not approve or disapprove the installation of any water well to serve land within the service area of the District unless there is a direct impact from the drilling of the well.

	NAME	LOCATION	DATE	PRICE	DESCRIPTION
1	Rod & Elsie Ulrich	CR 39 & 44	5/20/24	N/A	Well
2	Greg Johnson	CR 46 & 49	6/12/24	N/A	Well
3	Trevor & Kelsey Schuetz	CR 24/19-21	6/24/24	N/A	Well
4	David Jaquez	CR 24/19-21	6/25/24	N/A	Well
5	Chase Johnson CR10 LLC	CR 10/15-17	6/26/24	N/A	Well

#### **Additional Notifications:**

	Name and Company	Date	Transmittal	
1				

STAFF REPORTS	5B
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# **FIELD REPORT**

## **ITEM NO. 5C**

**JULY 18, 2024** 

#### **Background Summary:**

The following is a summary of the field activities:

LOCATES:	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Received	849	739	768	812	788	784						
Cleared	403	400	420	498	457	485						
Standby	186	166	150	132	115	142						
Completed	106	91	133	181	165	124						
WORKORDERS:	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Past Due Accts	94	66	75	93	92	64						
Terminations	3	3	5	0	0	0						
Restorations	3	2	5	0	0	0						
Service Calls	96	43	33	59	101	62						

Tap#	NEW METER SET LOCATIONS	Name
3495	TBD CR 21/18-20	Clayton Homes/Bernhard
3496	8632 CR 22	Javier Nunez Vargas
3497	TBD CR 21/8-10	Flying E Ranch
3498	1151 Thunder Valley Circle	Jason & Kathy Markiewicz
9100	Frederick – 7950 Miller Dr	7950 Miller Dr LLC
9101	LaSalle – CR 394 & 1st Ave	Calvin Goza
Tap#	LEAK REPAIR LOCATIONS	Repair Summary
697	44th Ave & 49th St	Replaced service line
361	CR 35.75/52-54	Repaired service line
168	2675 49th St	Replaced service line
169	CR 19/22-24	Abandoned the 1" meter and capped service line
746	Casagrande	Replaced curb stop lid
	CR 44 & 51	Repaired MAR
	2235 2 <sup>nd</sup> Ave	Office waterline leak and electric for landscaping
	CR 53/50-52	Repaired service line
991	CR 394/33-35	Replaced service line
125	CR 47/44-46	Repaired service line
	Hwy 52/CR 11-13	Leak at bell of mainline
MONTHI	LY MAINTENANCE	MONTHLY MAINTENANCE
Completed	l 11 final reads	Checked chlorine & pH levels throughout the District.
Maintenan	ce and daily checks @ vaults, pump stations and tanks.	Chlorine Station maintenance
Fire hydra	nt maintenance & repair throughout the District.	Continuing to work on Backflow Program.
PRV Surve	eys throughout the District and Tank surveys.	Beacon transmitter changes
Verifying (	GIS/GPS Mapping to actual infrastructure.	DBP sampling, CL2 and PH sampling
Meter, reg	ulator, and check valve replacement	Installed new sump pump PRV 402
Calibrated	gas monitors	Niobrara raised valve box
Replaced of	cup seals and cleaned screens PRV 303, Dacono tank	Kersey Tank Yard – replaced pressure transducer
Pressure te	ested line @ CR 9.75/24-26 water bubbling up	Sanitary Survey completed
Lead Servi	ice Line Inventory data and potholing has begun	Turned on Johnstown MM vault
Hwy 60 &	CR 44 – 6" casing in across the road	PRV 305 power supply replaced
DOADD	ACTION SUCCESTED, Information Only	

**BOARD ACTION SUGGESTED:** Information Only

STAFF REPORTS 5C

# **CONSUMPTION REPORT**

# ITEM NO. 5D (1-2)

**JULY 18, 2024** 

## **Background Summary:**

Attached is a copy of the Consumption Report and Consumption Comparison Report for the month of May and June.

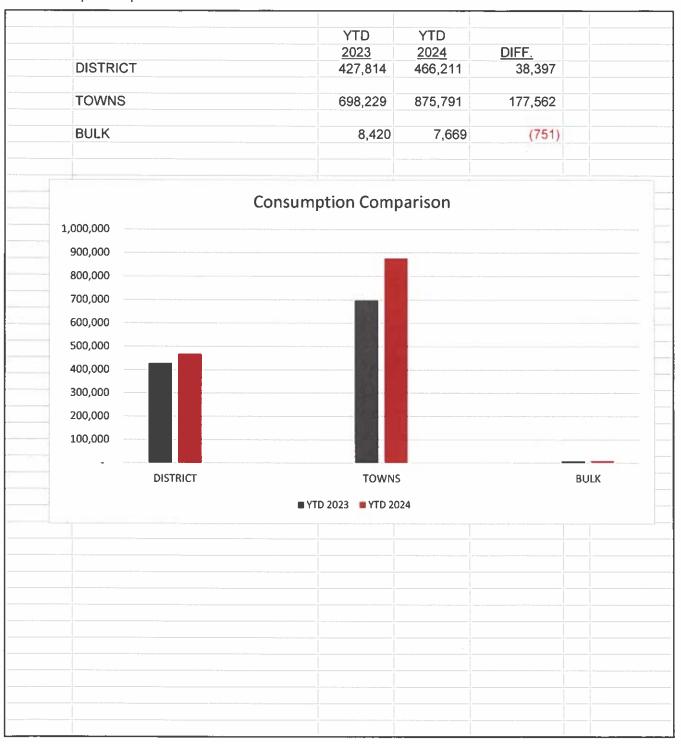
**BOARD ACTION SUGGESTED:** Information Only

**STAFF REPORTS** 

#### Consumption Report

	5/	8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	BULK	TOWNS	TOTAL
	200,000										runariaha	
	400,000										5	
	600,000											
	800,000											
1,	.000,000											
1,	200,000											
1,	400,000										wal-	
1,	,600,000											
					COIIS	sampti	OH IN	ροιτ				
					Cons	sumpti	on Ra	enort				
	TOTAL					1,134		1,349,671		215,2		
	TOWNS						,229	875,791		177,5		25%
	BULK						,420	7,669		-7:		-9%
	6"						,027	39,043		15,0		62%
	4"						,926	37,062		12,1		49%
	3"						,395	36,062		-12,3		-259
	2"						,762 ,147	43,755 101,247		1,1		-22°
	1 1/2"						,632	31,056		-1,5°		-5% -22°
	3/4" 1"						,029	34,997			32	0% -5%
	5/8"						,896	142,989		36,0		349
	E (0)					202		2024	D	IFF.	20	0.40
						YT		YTD	_			
	TOTAL					090	,229	010,191		177,0	02	
70UU	JOHNSTOW TOTAL	VIN					151   ,229	2,228 875,791		2,0°		0%
	ARISTOCRA					14	,881	17,229	-	2,3		16%
	PLATTEVILI						,617	52,986	-	10,30		24%
	MILLIKEN	_					,558	99,416		24,8		33%
	LASALLE						,890	39,304		8,4		27%
	KERSEY						,039	21,056		2,0		119
	GILCREST						,212	15,418		3,2		26%
	FREDERICK	(					,834	248,670		49,8		25%
	FIRESTONE						,311	275,273		54,90		25%
	DACONO						,736	104,211		19,4		23%
						202	23	<u>2024</u>	D	IEE.		<u>%</u>
						YT	D	YTD				

#### Consumption Report



240	TAP NO		3269	1619	700	3	TAP NO.		1689	967	742	284	TAP NO.		3392	3346	3284	3143	3114	3091	3063	3037	2010	1848	1831	1780	1592	1539	1238	935	619	391	274	TAP NO		3283	3071	3033	2037	1783	1767	1717	1412	1410	1391	399	TAP NO					
PUBLIC SERVICE	Sept. 9	TOTAL	De JAGER	MORNING ERESH	S DIVERS REEDING (CN s.)	S BIVE BS EEEDING ICB 311	4"TAPS	TOTAL	MORWAI DAIRY	AURORA DAIRY	AURORA DAIRY	COUNTRY ESTATES	3 TAPS	TOTAL	MOON ANCHOR	DCP MIOSTREAM	DCP MIDSTREAM	SHELTON DAIRY	CDOT	PLATTE RIVER BIOGAS	DCP MIOSTREAM	DCP MIDSTREAM	OLSON'S GREENHOUSE	DEHAAN	TEVELDE DAIRY	UOM PROPERTIES	UNITED POWER	SHELTON DAIRY	WELD COUNTY SCHOOL DIST. RE-1	HALL FAMILY	PRINCEL SOUTH TOWN	M&J DAIRY	HELENA CHEMICAL	2 TAPS	TOTAL	DCP MIDSTREAM	BNK PROPERTIES	CRESTONE PEAK RESC	WILHELMINA DAIRY - BELLA FARMS	WELD COUNTY	ST VRAIN SANITATION	HIGH SIERRA	CW KELLER & ASSOC (High Country)	AIM PROCESSING	MOON ANGHOR	PETROCCO FAMILY	1.5° TAPS	BULK WATER	TOWNS	1-TAPS	3/4 TAPS	S.B. TAPS
4,675	Jan-23	4,115	2.465	263	# OC#	808	Jan-23	8.614	4,347	1 112	1,360	1,795	Jan-23	1/964				261	13	27	86	256	401	1,304	2 755	42	12	3.546	72	. 100	8 160	2 173	15	Jan-23	12,026		24	. ;	791	0 0	48	13	2	m 8	4,000		Jan-23	1,260	107,567	4 155	5 798	16 522
6.074	Jan-24	6,738	2.329	3 198	470	727	Jan-24	9,284	4,545	1 386	1 002	2 351	Jan-24	15,176				756	8	1,454	65	348	317	1,085	1,774	35	11	3,566	67	4,040	3 840	2,058	27	Jan-24	8,612	ė.	24		516	7 000	73	68	= .	4	4 9/5		Jan-24	1,387	107,872	4,946	5.438	15 146
1,399	OIFF.	2 623	-136	2935	27.0	1	DISE	670	198	274	-358	556	DIFF.	2,788	0	0	0	495	'n	1,427		92	2	219	-981	-7		20	ėn i	0	3 68	115	12	0.00	3414	0	0	0	275		25	55	.23		282		DIFF	127	305	791	380	1 376
3,748	Feb-23	3,313	1.902	242	404	749	Feb-23	7.001	3,446	900	1 025	1 630	Feb-Z3	14,244				585	12	-	2	210	984	1,402	1 868	44	10	2,979	107		3 154	1,964	24	Feb-23	6,983	- 22	17		528	3 20 00	137	43	19	on é	3/82		Feb-23	1 448	83,137	4 937	4.799	11 894
5,600	Feb-24	5,489	1,941	2 545	250	250	Feb-24	5,580	1,929	1,121	816	1,714	Feb-24	13,120		r		709	60	716	55	313	545	958	1,443	44	12	3,249	125	1,491	3 3 5 6 4 4 3	2,213	33	Feb-24	6.212		10		521	7 000	46	70	10 .	_ ;	3,084	0	Feb-24	1,122	86,071	4.403	4,310	12 489
1,852	DISF	2,176	39	2304	A 12	100	9380	-1,421	-1.517	221	-209	84	DEF	1124	0	0	0	124	4	715	9	103	.439	-444	.425	0	2	270	18	0	282	249	9	Diff	.771	0	-7	0	-7	tu tu	.91	27	9	in :	102	0	DIFF	-326	2 934	-534	-489	795
3,919	Mar-23	3,882	2.158	474	101	797	Mar-23	7,645	4,060	1,014	1,122	1,449	Mar-23	16,690				327	12		70	244	1,692	1.290	2,900	72	16	3,463	98		3 494	2,548	54	Mar-23	8.755		21	_ ;	550	2 632	75	88	20	7	4,209		Mar-23	1,842	96,764	5,885	5,772	14 905
5,655	Mar-24	6.087	2.074	2000	910	200	Mar-24	4,601	1,616	828	598	1,559	Mar-24	16,706			,	756	13	1,325	57	365	1,414	1,248	1,730	57	70	3,703	67		3 40/	2,903	œ	Mar-24	6,850		14		438	1 5 10	46	8	<u>.</u>	- i	4,000		Mar 24	1.041	90,117	4 527	5.075	14 172
1,736	DIFF.	2,205	-84	2 495	-17	1	100	3.044	2 444	.186	524	110	DIFF	١.		0	0	429	-	1,325	ü	121	2.8	-42	1.170	-15	à	240	Ç.	0	000	350	-46	OFF	1 905	0	-7		112	ا ا ا	-29	-22	က်၊	ტ.	3/4	0	III DANIII II	-801	6.647	1 358	-697	733
2,431	Apr-23	4,109	2 057	924	430	200	Apr-23	7,346	3,990	1,143	1,038	1,175	Apr-23	15,763		24	,	54	16	9	59	228	2,380	1,102	2,453	69	1	2,993	98	0	2070	2,688	80	Apr-23	10,297		23		471	h An Oc	64	69	24	0	4,017		Apr-23	1,426	92,939	5 182	5,619	15.057
5,790	Apr-24	6,070	2.014	2 989	024	ESA.	Apr-24	4,633	1,899	607	533	1,594	Apr 24	18,688		32		106	10	2.433	61	171	2,108	1,236	2.387	22	10	3,566	394	0	SPE C	3,433	12	Apr-24	7,492	45	16		396	3	38	76	23	2	200.0	3	Apr-24		-4	91	5,614	
3,359	DIFF.	1,961	100	2000	a d	n n	250	-2.713	2 091	536	-505	419	Date	2,925	0	Ó	0	52	ò	2,424	2	-57	-272	134	-86	-47	_	573	296	0 0	677	/45	-68	OFF	2.805	45	-15	0	.75	0	26	7	۵.	4	000	2	OHESTER	-420	21,874	199	on i	3.442
3,056	May-23	4,619	2.263	1 193	402	671	May-23	8,822	4,544	1,603	1,177	1,498	May-23	17,108		42	o.	116	11	16	63	237	2,037	1,256	2 395	94	76	3,336	609	0	3 113	3,054	25	May-23	9,853	52	61	24	407	444	98	66	98	0	190	20	May-23	1,184	146,273	6 176	6,254	22.845
	,	5,771	Ŧ	Т	020	828	Z		2	749			M	-	ľ	30	19	80	Ç	766	54	89	Z		ľ	Ī		LJ	9	1		2 /21		Maj	1-	~		1	504		29	52	2		3,910	'n	May-				6,414	
2,673	DIFF.	1,152	431	1 550	76	2	3110	3,903	-2 510	-854	.774	235		-/05	0	-12	13	85	ò	750	6	-148	349	10	241	106	(J)	215	310	0	000	333	81	DIFF.	-2.950	57	45	24	97	3 4 10	-69	-14	0	Ún i	771	77	DIFF	228	21	1	1	3 955
6,198	Jun-23	4,888	2.293	1541	307	597	Jun-23	8,967	4,651	1,697	1,104	1,515	Jun-23	18,378		51	89	609	U	24	59	222	1,/51	1,358	2 945	307	13	3,326	914	0	2 729	3,425	15	Jun-23	7,848	101	400	90	667	3000	145	65	115	10	189	49	Jun-23	1,260	171,549	6,297	6,787	25.873
10,195	Jun-24	6,907	2 127	3 467	510	704	Jun-24	7,045	3,036	767	567	2,675	Jun-24	21.54		128	95	63	co	1,010	168	183	2,591	1,611	2,604	525	343	3.092	2,220	0	2809	3,1/1	O	Jun-24	7,686	119	20	20	521	3 2 2 0	41	71	154	5	416	200	Jun-24	1,701	309,381	7 088	8 146	55.883
3,997	OIFF.	2,019	166	1 926	207	207	DIFF.	1.922	-1 615	-930	-537	1,160	- Dille	2,776	0	77	6	-546	ω	976	109	39	840	253	341	218	330	.234	1,306	0	8 -	254	8	DIFF.	-162	18	28	-70	146	3 2	104	O.	39	0	247	13	DIFF.	441	137,832	791	1,359	30.010

# REVENUE & USAGE REPORT ITEM NO. 5E (1-2)

**JULY 18, 2024** 

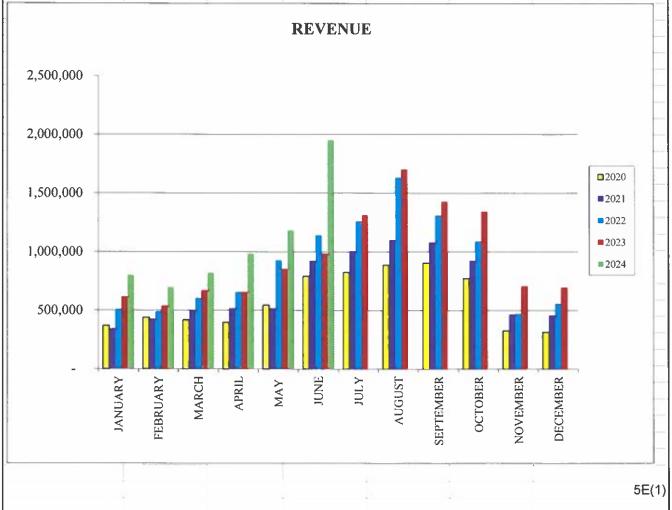
# **Background Summary:**

Attached is a copy of the Monthly Revenue Report and Usage Report for the month of May and June.

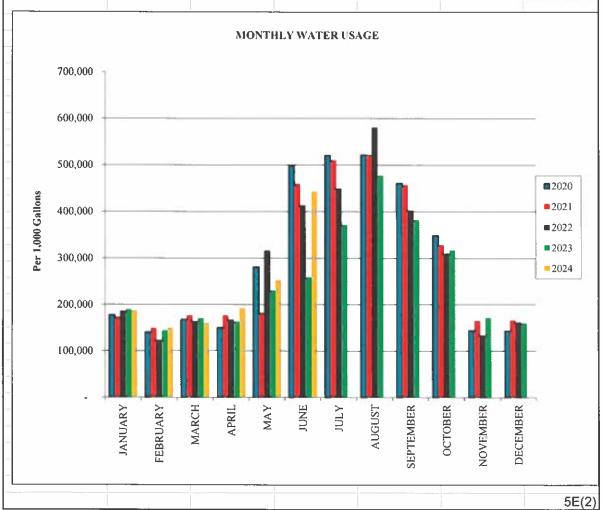
**BOARD ACTION SUGGESTED:** Information Only

**STAFF REPORTS** 

MONTHLY WATER	REVENUE					Current YR
	2020	2021	2022	2023	2024	Surcharge Revenue
JANUARY	369,893	338,025	508,649	612,547	797,736	64,335
FEBRUARY	440,763	421,523	488,766	533,881	694,011	65,325
MARCH	417,841	492,163	601,294	668,646	817,726	143,555
APRIL	397,674	514,711	651,456	655,026	980,877	206,505
MAY	544,741	513,378	925,395	851,898	1,181,626	215,195
JUNE	792,738	920,110	1,140,257	982,749	1,947,587	352,706
JULY	824,558	1,002,430	1,256,895	1,309,850		
AUGUST	888,285	1,095,425	1,626,914	1,699,019		
SEPTEMBER	904,971	1,078,731	1,307,153	1,424,855		
OCTOBER	775,240	920,732	1,087,515	1,340,385		
NOVEMBER	326,092	462,638	468,179	705,692		
DECEMBER	313,952	451,937	554,623	693,492		
YTD TOTAL	6,996,748	8,211,803	10,617,096	11,478,040	6,419,563	1,047,621
YTD AVERAGE	583,062	684,317	884,758	956,503	1,069,927	



MONTHLY WATE	R USAGE			j		5 YEAR
	2020	2021	2022	2023	2024	<b>AVERAGE</b>
JANUARY	177,413	171,669	185,259	188,143	185,672	181,631
FEBRUARY	140,273	147,275	123,109	143,473	148,235	140,473
MARCH	167,439	174,891	164,097	169,170	158,676	166,855
APRIL	149,984	175,079	167,080	162,122	191,461	169,145
MAY	281,045	181,329	316,182	229,160	251,438	251,831
JUNE	498,727	458,385	413,419	258,045	442,128	414,141
JULY	520,402	509,655	449,321	370,389		462,442
AUGUST	522,034	520,590	580,577	476,270		524,868
SEPTEMBER	460,979	455,713	402,717	381,001		425,103
OCTOBER	349,211	327,275	310,226	316,114		325,707
NOVEMBER	144,354	164,473	133,955	170,130		153,228
DECEMBER	143,306	165,297	161,581	158,988		157,293
YTD TOTAL	3,555,167	3,451,631	3,407,523	3,023,005	1,377,610	281,060
YTD AVERAGE	296,264	287,636	283,960	251,917	229,602	



### **NISP REPORT**

### ITEM NO. 5F

**JULY 18, 2024** 

### **Background Summary:**

The cost estimate for the NISP project had been updated to a total amount of nearly \$2.5 billion. To date, the District has spent \$13,439,562.00. Working on 90% design of Glade Reservoir and HWY 287 are complete. The project has received the 404 permit from the Army Corps of Engineers.

#### **BOARD ACTION SUGGESTED:**

Information Only.



### PROJECT UPDATE REPORT

**DATE:** June 2024

PROJECT: Northern Integrated Supply Project

CONTACT: Carl Brouwer

### **PROJECT STATUS SUMMARY:**

• Litigation filed by Save the Poudre against U.S. Army Corps of Engineers

• Federal, State, and Larimer County Permitting for NISP are complete.

### **BUDGET ACTIVITY**

Category	ı	W Labor	 TR	 Mitigation	WQ	 B&V	HW 287	Dewberry	Pinyon	ROW	Q	ther/Cont.	Total
Budget	\$	2,100,000	\$ 800,000	\$ 4,300,000	\$ 400,000	\$ 8,000,000	\$ 2,700,000	\$ 3,000,000	\$ 600,000	\$ 4,000,000	\$	4,035,000	\$ 29,935,000
January	\$	212,915	\$ 94,025	\$ -	\$ 6,715	\$ 1,095,296	\$ 109,006	\$ 115,495	\$ 104,650	\$ 5,212	\$	165,594	\$ 1,908,909
February	\$	149,782	\$ 44, 195	\$	\$ 2,817	\$ 1,085,027	\$ 166,429	\$ 117,980	\$ 46,967	\$ 7,363	\$	85,302	\$ 1,705,861
March	\$	109,103	\$ 72,904	\$ 27,014	\$ 13,814	\$ 827,539	\$ 549,314	\$ 118,610	\$ 26,409	\$ 557,680	\$	89,468	\$ 2,391,855
April	\$	126,024	\$ 45,148	\$ -	\$ 4,794	\$ 813,563	\$ 614,851	\$ •	\$ •	\$ 1,788	\$	96,560	\$ 1,702,729
May	\$	-	\$ -	\$ 2,338,619	\$ -	\$ •	\$	\$ -	\$ -	\$ 6,000	\$	70,968	\$ 2,415,587
June	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ •	\$ -	\$ •	\$	-	\$ 2.0
July	\$		\$ •	\$ •	\$ •	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	\$ +3
August	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ •	\$ •	\$ •	\$	-	\$ 7.5
September	\$	•	\$ -	\$ •	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	\$ 2.5
October	\$	-	\$	\$ -	\$ -	\$	\$ -	\$ -	\$ -	\$ -	\$	-	\$ 40
November	\$	-	\$ -	\$ -	\$ -	\$ -	\$	\$	\$ -	\$ -	\$	-	\$ -
December	\$	-	\$	\$ -	\$ -	\$	\$ -	\$ -	\$ -	\$ -	\$	-	\$ -
Expenditure													
to Date	\$	597,825	\$ 256,273	\$ 2,365,633	\$ 28,140	\$ 3,821,426	\$ 1,439,600	\$ 352,085	\$ 178,025	\$ 578,042	\$	507,892	\$ 10,124,940
Budget													
Remaining	\$	1,502,175	\$ 543,727	\$ 1,934,367	\$ 371,860	\$ 4,178,574	\$ 1,260,400	\$ 2,647,915	\$ 421,975	\$ 3,421,958	\$	3,527,108	\$ 19,810,060
% Spent		28%	32%	55%	7%	48%	53%	12%	30%	14%		13%	34%

Budget Note: Includes \$27,300,000 Participant Contribution plus \$2,635,000 in carry over from 2023.

#### **PREVIOUS MONTH ACTIVITY:**

### **PROJECT MANAGEMENT**

- Developing work plan for 2025-2027.
- Working with design groups on implementation timing.

### **PERMITTING:**

- Working through Federal, State, and Larimer County permitting commitments in coordination with project implementation.
- Continue to work with CPW and other stakeholders on NISP Adaptive Management plan.

### **DESIGN**

### Glade Area

 Overall: Ongoing work with the B&V/AECOM design team to schedule and budget through issue for construction documents for all packages. Meeting on 5/17 to clarify expectations.

- Embankment Package: Phase VII Geotech is wrapping up and informing the Initial Grouting Program that has been approved by the Participants. The team is working to review and solidify the scope of the Project for the Contractor, AECOM, and BV. Presentation to Participants expected in July or August. Karst Characterization Memo work ongoing with planned on-site meeting in June with SEO and TAP.
- Pump Plant: Value Engineering Evaluations between 60% and 90% design ongoing to decrease cost and footprint of pump plant and surge building.
- PVC: Design is ongoing with particular focus on the diversion point design and adjusting the alignment to the north to reduce impacts on adjacent landowners. Finalizing temporary and permanent easement needs.
- Munroe Canal Bypass: Phase VII Geotech work included some additional borings to determine depth to rock for MCB. This will help value engineer 100% documents. Sediment transport modeling memo submitted in May 2024.

#### HW 287

- Ninety percent plans and specifications being reviewed by CDOT.
- · Working on construction water plan.
- Continue coordination with CDOT and SEMA Construction.

### Conveyance

Pipeline Segment	Design Status	Total Easements	Easements Ready for Acquisition	Easements Acquired
Early Construction	90% Complete & Reviewed	27	26	1 (S&S)
County Line North	30% Complete & Reviewed	15	6	l (Hill)
County Line Middle	30% in Q4 2024	51	1	13
County Line South	30% in 2025	46	0	0
Poudre Intake East	30% Complete & Reviewed	8	0	0
Northern Tier East	30% in Q3 2024	18 Colocation 36 Total	l (Tips)	0
Northern Tier West	30% in 2025	36	2 (Blackdog & Holcim)	0

- Environmental survey work (biological resources, wetlands, etc.) completed for Early Construction (where there
  was access).
- Progressing on updated Poudre Pump Station approach
- Coordinating City of Thornton recent 1041 approval commitments related to NISP pipeline co-location.
- Decision was made for Reclamation Approach for Early Construction
  - Reclamation Consultant Part of Design, under Dewberry
  - Reclamation Contractor Under General Contractor

#### MITIGATION AND ENVIRONMENTAL PLANNING

- Ongoing construction of the Eastman Park 9-acre Wetland Mitigation Site
  - Site erosion protection is being placed.
  - Construction of the temporary irrigation system is underway.
- Design of 2 River Restoration Reaches (as required in FWMEP) has started.
  - Current focus on baseline, alternatives assessment, and adaptive management assessment framework
- Negotiations on additional Endangered Species Act Mitigation Credit Reservation Agreements are underway.
- Refined PMJM restoration guidance for temporary impacts to meet success criteria efficiently.

### FINANCE/ALLOTMENT CONTRACTS

- The CWCB \$100M loan has been signed by the Governor. Evaluating additional CWCB loan opportunities.
- Received letter from EPA inviting NISP to apply for WIFIA funding of up to \$1,014,000,000.
- Working with Participants on charting path forward.

### **GALETON UNIT**

- Working on charting path forward on ditch exchanges.
- Finalizing layout of South Platte Diversion, Forebay, and pump station in order to purchase required property.

### LAND AND ROW

- ROW purchase offers going out along County Line Road.
- Appraisals being prepared for easement acquisition along the County Line Road.
- Finalizing legal descriptions and appraisals for remaining Glade and HW 287 properties.
- Determining interaction between NISP pipeline ROW and recent Thornton 1041 submission.

### **LEGAL**

- Assisting in federal 404 challenge. Court schedule has been set.
- Assisting in Larimer County 1041 appeal.
- Assisting in project implementation advancement.

### **OTHER**

• Meetings with various interest groups, newspapers, and other media.

### **NEAR TERM FUTURE ACTION:**

Continue final design of Glade and HW 287.



	Aş	oril 30, 2024	Change	March 31, 2024
Operating Cash (Unrestricted)	\$	26,302,118	\$ (1,703,383)	\$ 28,005,501
Reserves (Restricted)				
NISP Phase 1 balances		5,700,797	25,095	5,675,702
Total Reserves (Restricted)		5,700,797	25,095	5,675,702
Total Cash and Investment Balances	\$	32,002,915	\$ (1,678,288)	\$ 33,681,203



## NORTHERN INTEGRATED SUPPLY PROJECT STATEMENT OF REVENUES AND EXPENSES



			Muchaem Colorado W	/ater Conservancy District
	7	oril 30, 2024 ear to Date)	Change	March 31, 2024 (Year to Date)
Revenues				
Contributions	\$	27,300,000 \$		27,300,000
Interest earnings		606,749	116,709	490,040
Rental income and other		40,745	8,658	32,087
Revenues		27,947,494	125,366	27,822,127
Capital Expenses				
Labor by Division				
Engineering		(795,286)	(88,894)	(706,392
Environmental		(154,815)	(23,706)	(131,109
Finance and Administration		(107,959)	(11,918)	(96,041
Operations		(5,700)	(1,550)	(4,150
Total Labor by Division		(1,063,760)	(126,068)	(937,692
Indirect Cost		(475,592)	(67,942)	(407,650
Materials and Services		(15,339,483)	(37,055)	(15,302,428
Total capital project expenses		(16,878,835)	(231,065)	(16,647,770
Capitalized to the capital project		16,878,835	231,065	16,647,770
Subtotal Revenues over (under) expenses		27,947,494	125,366	27,822,127
Nonoperating expenses		-		
Total Revenues over (under) expenses	-	27,947,494	125,366	27,822,127
Net position, beginning of period	-	130,524,084		130,524,084
Net positon, end of period	\$	158,471,578 \$	125,366	\$ 158,346,211

NORTHERN INTEGRATED SUPPLY PROJECT EXPENSE DETAIL REPORT April, 2024



Project	Facility	Gepartment	Account	Description		Impunt	Period Posts Date
							-
ISP PAIN General	H-LP tippschu8 (104) Property	Distributions	Capital Projects	UHAB-03/2024-West Fort Collins Wirdest	S	1,206 82	
SP PilM General SP PilM General	NIEP Eppschuß (KDA) Property	Real Estate	Capital Projects	Xcel Energy		124.07	
SP PRIM General SP PRIM General	N:IP topps:hu8 (KOA) Property	Real Estate	Capital Projects	acel Energy		147 13	
SP PRM General SP PRM General	N 5P Uppschull (CIA) Property	Real Estate Real Estate	Capital Projects Capital Projects Matts Other	Xcel Energy		301 35	
	N SP Oppschull (KDA) Property			UNB 03/2024-Schrader Propane Co Fix		545 92	
SP PRM General	N/A	Project Wanagement	Capital Projects Matis Other	UNB 03/2024-4-mprint, Inc		180.66	
SP PRM General SP PRM General	H/A N/A	Project Management	Capital Projects Mads Other	UN8 03/2024-4(mprint, Inc		1,230 18	
		Project Management	Capital Projects Svcs Other	UNAS-01/2024-Peach Fest		1,000.00	
SP PRM General	N/A	Water Resources	Capital Projects Svcs Other	US Geological Survey		1,819 49	
SP PRM General	N/A	Environmental Planning	Capital Projects Svcs Permits	UM3-03/2024-Opc*weld Blding Dept Util		150 00	
SP PRVI General SP PRVI Glada Unio	N/A	Financial Service	Opf up Induser L Corts	DIST FY24 Monthly Indirect Allocation April 2024		67,941 67	
	N/A	Project Management	Capital Projects Svcs Other	Tri-State Generation and		17,919 76	
SP PRM Glade Unit	N/A	Real Estate	Capital Projects	The New Cache La Possdre		500 00	
SP RES Land Purchases	N/A	Real Estate	Capital Projects	Consolidated Home Supply Origin		384.00	
SP RES Land Purchases	N/A	Real Estate	Capital Projects	Bonnie Roeng & Associates, LLC		1,787 50	
SP WQT Environmental Monitoring	N/A	Water Quality	Capital Projects Svcs Other	Hazen Research, Inc.		4,797.00	
SP WQT Environmental Monitoring	N/A.	Fueld Services	Capital Projects	UNB-03/2024-Towneplace Suries		302 a1	
SP WIGIT Environmental Monitoring	N/A	Field Services	Capital Projects	SPAR-03/2024-Towneplace Surtes		302 81	
SP WQT Environmental Monitoring	N/A	Field Services	CapProj Travel Extended Travel Meal	Andrew Woodstrum		145 00	
SP WQT Environmental Manitoring	MA	Field Services	CapProj Travel Local Meal	Bergquist, Bennett		238.00	
				Expenses > \$190		101,044.37	
				Mdeage		3,001.41	
				Capitalized Labor		126,067.91	
				tiems < \$100		951.13	
				TOTAL	-	231,064,82	
				Turne		25,000,000	
e following invoices partaining to prior month's activi	ty were paid during April. The related posting date ap	ppears in the last column.					
SP PRINT Glade Unit	9/A	Project Management	Capital Projects	Raftelis		1,306.76	02/29/2
SP PRING General	N/A			ERO Resources		1,862 50	02/29/2
		Project Management	Capital Projects				
SP PRIM Glade Unit	N/A	Project Management	Capital Projects	Pinyon Environmental III		19,912 12	03/31/2
SP PRM General	N/A	Project Management	Capital Projects	Frout Raley		72,903.65	03/31/20
SP PRVI Conveyance	N/A	Project Management	Capital Projects	Dewberry Engineers Inc.		117,979 90	02/22/2
SP PRIA Glade Unit	N/A	Project Management	Capital Projects	Black & Yearch		1,085,027.02	02/29/2
SP WQ1 Emironmental Monitoring	N/A	Water Quality	Capital Projects Svcs Other	Berg Mil Greenleaf Buji rits		3,060 %	05/29/3
SP WQT Environmental Monitoring	N/A	Water Quality	Capital Prosects Sives Other	Hazen Research, Inc.		6,852.00	01/21/2
SP PNVI General	4/A	Financial Services	Capital Projects Svcs Consulting	Squire Patton Boggs (WS) LUF		1,659 30	01/31/2
SP PRM General	N/A	Financial Services	Capital Projects Svcs Consulting	Squire Patricis Boggs (US) tul-		5,775.00	02/20/2
				Prior Months' Expenses paid in April 2028	5	1,127,540.55	

### PRELIMINARY - SUBJECT TO CHANGE

# NORTHERN INTEGRATED SUPPLY PROJECT PARTICIPANTS COMMITTEE MINUTES OF MEETING HELD AT NORTHERN WATER HEADQUARTERS April 29, 2024

### 1. PRELIMINARY ITEMS

### A. Call to Order

Chair Chris Smith called the meeting to order at 8:30 a.m. Northern Integrated Supply Project (NISP) Participants Committee (Committee) members attending the meeting were:

- Central Weld County Water District: Josh Cook and Wes LaVanchy
- Dacono: Andrea Kehrl
- Eaton: Wes LaVanchy and Faith Smith
- Erie: Todd Fessenden and Andrea Kehrl
- Evans: Rick Pickard and Justine Schoenbacher
- Firestone: Dave Lindsay
- Fort Collins Loveland Water District: Chris Pletcher
- Fort Lupton: Chris Cross and Matt Poznanovic
- Fort Morgan: Doug Linton, Brent Nation and Eleazar Ocanas
- Frederick: Sarah Watson
- Lafayette: Cari Bischoff
- Left Hand Water District: Vicki Santos and Chris Smith
- Morgan County Quality Water District: Josh Cook
- Windsor: Leif Lesoing and Dean Moyer

Also attending the meeting were: General Manager Brad Wind, Finance and Administration Division Director Sander Blackburn, Project Management Department Manager Carl Brouwer, and Northern Water President Dennis Yanchunas; and legal counsel Deb Freeman, Bennett Raley and Lisa Thompson, Trout Raley. See the last page of these minutes for additional staff and guests in attendance.

### B. <u>Introduction of Visitors</u>

Chair Smith welcomed Committee members, staff and legal counsel to the meeting. Mr. Brouwer introduced Jennifer Williams, AECOM, and Greg Zamensky, Black & Veatch, to the Committee, staff and legal counsel. Ms. Williams and Mr. Zamensky will be reporting on the status of Glade Dam design.

### 2. ROUTINE ITEMS

### A. Acceptance of April 1, 2024, Committee Meeting Minutes

Chair Smith requested a review of the April 1, 2024, Committee meeting minutes. There were no comments or suggested edits. Mr. Pickard moved acceptance of the April 1, 2024, Committee meeting minutes as submitted. Mr. Cook seconded the motion and it passed unanimously. Chair Smith stated that the minutes would stand accepted as submitted.

### B. NISP Update

Chair Smith next asked for a NISP update. Mr. Brouwer discussed the following matters: (1) the status of the Eastman Park Wetland Mitigation Project and an *Intergovernmental Agreement (IGA)* by and between the NISP Water Activity Enterprise (WAE) and the Town of Windsor, outlining the coordination of and funding for creating wetlands to satisfy a portion of the NISP permit requirement under Section 404 of the Clean Water Act; and (2) the status of a request for a \$100 million subordinate loan for NISP from the Colorado Water Conservation Board (CWCB), which is part of the CWCB Projects Bill currently before the Colorado General Assembly for its consideration during the 2024 legislative session. A brief discussion followed.

### C. Legal Report

Chair Smith next requested a report from legal counsel. Ms. Thompson brief discussed the status of the following legal matters: (1) the lawsuit filed recently by Save the Poudre (STP) against the U.S. Army Corps of Engineers (Corps) regarding its issuance of a federal permit for NISP, including legal counsel's recent filing of a motion for Northern Water to intervene in the case, and the likely filing of the case's administrative record sometime this fall; (2) the litigation related to the NISP 1041 permit and development agreement with Larimer County for the NISP components within the County's 1041 jurisdiction; and (3) a Timnath Inlet Canal and Diversion Due Diligence Agreement by and between Northern Water's NISP WAE and the Cache La Poudre Reservoir Company for due diligence investigations, inspections and analyses for suitability of a point of diversion. Ms. Thompson stated that she had nothing further to discuss unless there were questions. A brief discussion and questions followed.

### D. Glade Dam Design Update

Chair Smith next asked for an update on the design of Glade Dam. Mr. Zamensky and Ms. Williams thanked the Committee for the opportunity to provide a status report on the design of Glade Dam. Mr. Zamensky referred the Committee to a PowerPoint presentation and reported on the design status of: (1) the Munroe Canal bypass (current 90 percent design, end of year 99 percent design); (2) Poudre Valley Canal (current 90 percent design, end of year 99 percent design); and (3) pump plant and substation (current 60 percent design, end of year 90 percent design for pump plant, end of year 60 percent design for substation). A brief discussion and questions followed.

Ms. Williams continued with the PowerPoint presentation and discussed the design status for the dam embankment and hydraulic structures, including: (1) high level outlet works (completed physical model and 90 percent design); (2) low level outlet works (90 percent design in progress); (3) embankment status and configuration (upstream earthfill, downstream rockfill); and (4) an early works grouting program. A general discussion and questions followed regarding the current status of Glade Dam design and the design schedule moving forward.

### E. Financing and Allotment Contracts Discussion

Chair Smith next requested an update on NISP financing and allotment contracts. Mr. Jonathan Hernandez, Senior Project Manager, discussed the status of the following matters: (1) House Bill 24-1435, the CWCB Construction Fund Projects bill currently before the Colorado General Assembly for its consideration during the 2024 legislative session; (2) a pending application for U.S. Environmental Protection Agency Water Infrastructure Finance and Innovation Act (WIFIA) Program financing for NISP; (3) the updated Glade Reservoir financing and cost/cash flow estimates; (4) the Glade Reservoir finance model; and (5) a request from participants for a Galeton Reservoir finance model. Mr. Hernandez stated that he had nothing additional to report unless there were questions. Ms. Thompson stated that development of NISP allotment contracts was currently on temporary hold.

### F. NISP Conveyance Update

Chair Smith next requested an update on NISP conveyance. Ms. Stephanie Cecil, Senior Project Manager, reported on the following: (1) early construction package finalization efforts for anticipated construction in 2025; and (2) staff's monitoring of the Larimer County 1041 Permit hearing process for the the City of Thornton's Poudre River pipeline, including potential pipeline co-location requirements that may impact NISP conveyance. Ms. Cecil stated that she had nothing further to report unless there were questions. There were none.

### G. U.S. Highway 287 Relocation Update

Chair Smith next requested an update on the pending relocation of a portion of U.S. Highway 287 away from the Glade Reservoir site. Ms. Cecil briefly discussed the highway's pending relocation, including: (1) ongoing review of the 90 percent design by April 30, 2024; (2) a pending project cost update; and (3) a pending June meeting to review coordination efforts and an intergovernmental agreement for construction with the Colorado Department of Transportation. Ms. Cecil stated that she had nothing further to report unless there were questions. There were none.

# H. Agreement with Table Top Conservation Bank Company, LLC, for Reservation and Purchase of Additional Conservation Credits

Chair Smith next asked for a discussion of a proposed Agreement for Reservation and Purchase of Conservation Credits by and between the Table Top Conservation Bank Company, LLC (TTCBC) and Northern Water's NISP WAE, for 4.83 additional Preble's Meadow Jumping Mouse (PMJM) riparian credits and 7 PMJM upland credits for NISP Endangered Species Act (ESA)

compliance to offset impacts to PMJM habitat on Owl Creek associated with NISP. Ms. Christie Coleman, Senior Project Manager, reported that: (1) costs to construct the Owl Creek PMJM mitigation site have increased such that those construction costs are now approximately double the cost to purchase an equivalent amount of mitigation credits; (2) recently 4.83 additional PMJM mitigation credits and 7 PMJM upland credits have become available for purchase via the TTCBC at a cost of \$1,340,150; and (3) if the Committee recommends Board approval to purchase these additional PMJM credits, staff would enter into the proposed agreement with the TTCBC and seek regulatory confirmations from the U.S. Corps of Engineers and the U.S. Fish and Wildlife Service (FWS).

Ms. Coleman referred the Committee to copies of the proposed agreement, an agreement summary, and attachments, and briefly discussed agreement details and an agreement amount of \$1,340,150. She noted that: (1) funding for this proposed purchase is included in the FY 2024 NISP budget (and the credit purchase will be incorporated into the FY 2025 budget); (2) these credits would be reserved now and purchased only after the regulatory approvals are in place; (3) a 10 percent reservation payment (\$134,015) is required to reserve the mitigation credits, and is fully refundable until October 1, 2025; (4) the mitigation credits can be sold back to the TTCBC for a 15 percent remarketing fee; and (5) staff is in negotiations with the TTCBC for additional credit reservation agreements to further reduce the size of the Owl Creek PMJM mitigation site.

Finally, Ms. Coleman noted that this is a sole source selection process since the TTCBC is the only bank servicing Northern Water's impact area capable of providing credits for NISP and doing so within the NISP schedule. The additional PMJM credits for reservation are available at the Table Top Mitigation Bank near Livermore, which is preferable to developing such mitigation at the Glade Reservoir site (the mitigation bank is the FWS' preferred form of mitigation, it offers reduced risk, it involves reduced water requirements, and it will result in reduced long-term maintenance costs).

Following a brief discussion and questions, Mr. Cross moved that the Committee recommend the Northern Water Board approve the proposed Agreement for Reservation and Purchase of Conservation Credits by and between the TTCBC and Northern Water's NISP WAE, for 4.83 additional PMJM riparian credits and 7 PMJM upland credits for NISP ESA compliance to offset impacts to PMJM habitat associated with NISP. Mr. Pletcher seconded the motion and it passed unanimously.

### I. Potential Purchase of New Cache la Poudre Irrigating Company Shares

Chair Smith next asked for a discussion of a potential purchase of four shares of stock in the New Cache la Poudre Irrigating Company (New Cache). Mr. Brouwer reported on the availability of four shares (approximately 60 acre-feet of water) at a total cost of \$320,000. He stated that several farms already under the NISP WaterSecure program can make use of this additional New Cache water for irrigation purposes, and that there are funds available in the current budget to cover this cost should participants decide to purchase this water. Following a discussion and questions, Mr. Lindsay moved that Northern Water purchase the four shares of New Cache stock as presented by staff. Mr. Lesoing seconded the motion and it passed unanimously.

#### 3. INFORMATIONAL ITEMS

### A. NISP Water Activity Enterprise Financial Reports

### Treasurer's Report

Chair Smith asked for a presentation of the March 2024 NISP WAE Treasurer's Report. Ms. Kristyn Unrein, Financial Services Department Manager, briefly reviewed the report, including changes in net position (operating, nonoperating, capital contributions) and total cash and investment balances for the NISP WAE. Ms. Unrein asked if there were questions. There were none.

### **Expense Details Report**

Ms. Unrein continued with a brief review of the March 2024 expense details for the NISP WAE accounts. Chair Smith asked if there were any questions. There were none.

### B. First Fill of Glade Reservoir Discussion

Chair Smith next requested a discussion of the future first fill of Glade Reservoir. Mr. Chris Kurtz, Senior Water Resources Engineer, referred the Committee to a PowerPoint presentation and discussed: (1) analysis objectives and key considerations; (2) key drivers of the availability of the Grey Mountain water right; (3) additional assumptions of the Glade Reservoir first fill analysis; and (4) typical hydrologic sequence examples (including with fill assist). A general discussion and questions followed.

### C. Public Affairs Report

Chair Smith next asked for a public affairs update. Mr. Jeff Stahla, Public Information Officer, briefly discussed: (1) the status of Larimer County hearings pertaining to the 1041 Permit application for the City of Thornton's pipeline from the Poudre River to Thornton; (2) the NISP communications plan during the ongoing lawsuit filed recently by STP against the Corps regarding its issuance of a federal permit for NISP; and (3) the recent commencement of Northern Water's 2024 tour season. Mr. Stahla stated that he had nothing further to report unless there were questions. There were none.

### C. Northern Water Informational Items

Chair Smith next requested a discussion of Northern Water matters. Mr. Wind previewed agenda items and discussion topics for the May 2, 2024, Board Planning Session. A brief discussion followed.

### D. Other Matters

Chair Smith asked staff and legal counsel if there were any other matters to discuss. Mr. Brouwer briefly discussed: (1) the availability of staff-led tours of the Glade Reservoir site for any interested

participants; and (2) the availability of staff presentations to participants' boards or other officials on NISP or any other topic of interest to participants.

### E. Committee Participants Roundtable

Chair Smith asked if any Committee members had any additional matters to discuss. There were none.

### 4. ADJOURN MEETING

The next Committee meeting is scheduled for Monday, June 3, 2024, at 8:30 a.m. There being no further business to come before the Committee, Chair Smith adjourned the meeting.

### ADDITIONAL STAFF AND GUESTS IN ATTENDANCE ON APRIL 29, 2024

### **STAFF**

Stephanie Cecil Senior Project Manager Christie Coleman Senior Project Manager Jonathan Hernandez Senior Project Manager

Chris Kurtz Senior Water Resources Engineer Liz Larmon Administrative Support Specialist

Greg Silkensen Communications Department Assistant Manager

Jeff Stahla Public Information Officer

Jim Struble Real Estate Manager and Security and Emergency Manager

Kristyn Unrein Financial Services Department Manager

### **GUESTS**

Jennifer Williams AECOM

Greg Zamensky Black & Veatch

# WINDY GAP REPORT

### ITEM NO. 5G

**JULY 18, 2024** 

### **Background Summary:**

Chimney Hollow Reservoir construction has begun and is anticipated to take four years and water will begin to be stored in the reservoir in 2025. They are past the half way point of the project.

**BOARD ACTION SUGGESTED:** 

Information Only.

**STAFF REPORTS** 



### E-Waternews | June 2024



Northern Water Board of Directors President Dennis Yanchunas cuts the ribbon to celebrate the opening of the new Boardroom and public entrance to the Northern Water offices. A full dedication will occur in October.

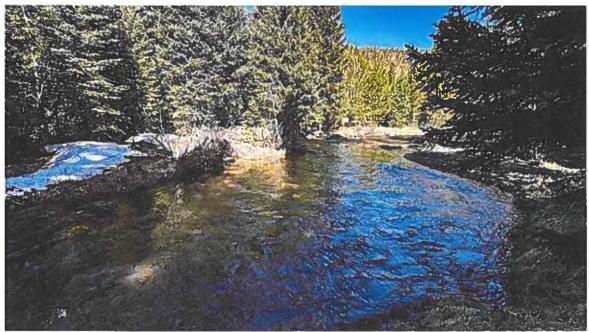
### Northern Water Opens New Boardroom, Offices

More than 150 people celebrated the opening of the renovated Northern Water Board of Directors Boardroom and offices earlier this month.

On June 13, Board members cut the ribbon in front of the new entrance to the Northern Water Campus to commemorate the milestone in the campus development project that has been three years in the making.

With the upcoming completion of Chimney Hollow Reservoir, continued work on the Northern Integrated Supply Project and management of water resources for an ever-growing population, Northern Water recognized that additional workspace will be needed to address the challenges to come.

Additional work will continue this summer on the Northern Water campus, and an official dedication and public open house is planned for Friday, Oct. 4.



The Colorado River flows strong at its headwaters in Rocky Mountain National Park in this picture from early June.

# **Colorado-Big Thompson Project Reservoirs Fill with Seasonal Runoff**

Above-average temperatures throughout Northern Colorado in June have accelerated snowmelt and runoff into Colorado-Big Thompson Project reservoirs.

Like other portions of Colorado, the headwaters of the Colorado River and tributaries of the South Platte River have seen short bursts of high temperatures that have caused high-altitude snow to melt and enter the nearby streams and rivers.

In the headwaters of the Colorado River, high streamflow levels have brought Lake Granby to capacity. On the Front Range, the Big Thompson River has seen high runoff levels, allowing C-BT Project managers to fill Horsetooth Reservoir around June 20. Due to lower-than-normal storage in Carter Lake at the beginning of the season, it is not expected to fill to capacity this year.

Water that gets stored in the C-BT Project reservoirs and is not used this year will go toward ensuring adequate water supplies for the 2025 water year.



NISP Lead Project Manager Carl Brouwer talks to a tour group at the future site of Glade Reservoir, the cornerstone of the Northern Integrated Supply Project.

# **Chimney Hollow Reservoir Project, NISP Receive State Conservation Board Financing**

New legislation to provide state financing help for two Northern Colorado water projects has been signed into law by Gov. Jared Polis. The Colorado Water Conservation Board Projects Bill, House Bill 1435, was signed into law by the governor at a ceremony on May 29 in Silverthorne.

Included in the \$220 million bill are a pair of state-backed loans that will provide a portion of the funding required to build the Northern Integrated Supply Project and to complete the Windy Gap Firming Project and its primary component, Chimney Hollow Reservoir.

The funding for Chimney Hollow Reservoir will help to ensure the project is complete in summer 2025 and ready to store water. The financing for the Northern Integrated Supply Project will help participants initiate the first stages of project construction. Both loans allow project participants to access more-favorable financing as compared to other financing sources.



Northern Water Collections Systems Department workers use a boom lift to clear debris from the West Portal of the Adams Tunnel.

### **Keeping C-BT Infrastructure Clean Takes Ingenuity**

Sometimes keeping things clean on the C-BT Project means being creative to get to those "hard to reach" spots.

Crews from the Collection Systems Department recently performed the year's first cleaning of the West Portal trash racks with the help of a new articulated boom lift. The lift allows workers to stay safely above the trash racks near the entrance of the Alva B. Adams Tunnel.

Debris, primarily aquatic weeds, periodically clogs the trash racks and begins to affect flow capacity through the tunnel. This typically occurs when water flows from Shadow Mountain Reservoir to Grand Lake, as it did for much of the spring. During peak runoff conditions, however, flow will predominantly be from Grand Lake to Shadow Mountain Reservoir, and fouling of the screens is typically not an issue.

Later in the summer, when flow once again moves from Shadow Mountain Reservoir through Grand Lake to the Adams Tunnel, the screens will be more likely to be constricted, meaning the screens will have to be cleared more frequently through the late summer and fall months.

### FROM THE ARCHIVES



# **Tunnel Breakthrough Occurred 80 Years Ago This Month**

Eighty years ago this month, one of the key elements of the C-BT Project hit a milestone that demonstrated the feasibility of supplementing Northeastern Colorado's water supply and advancing the goals of the entire state.

On June 10, 1944, two crews working from different directions holed through the Alva B. Adams tunnel beneath Rocky Mountain National Park, with NBC radio broadcasting the event live to the nation. The work of several contractors over the course of four years demonstrated an achievement in engineering: a check of the tunnel's center line revealed the two sections were off by only the diameter of a quarter. At the time, it was the longest tunnel ever built from two separate headings.

Today, the tunnel continues to bring water to Northeastern Colorado for beneficial use.



### E-Waternews | May 2024



Water is released earlier this month from Willow Creek Reservoir. Snowpack levels are above-average in many areas above Colorado-Big Thompson Project reservoirs.

# Local Forecasts Show Above-Average Snowpack as Runoff Begins

April showers and May flowers might make a good rhyme, but farmers, municipal water providers and industrial users across Northeastern Colorado need more data to make the thousands of annual decisions associated with the region's water supply.

At Northern Water, water resources personnel capture data from snowpack, reservoirs and other precipitation sources from monitors throughout the region to forecast streamflows and water availability for the peak use season and beyond.

In 2024, many of the river basins that feed Northeastern Colorado directly saw precipitation levels this winter near or slightly above normal, while most of the river basins west of the Continental Divide in the Colorado-Big Thompson Project's collection area saw above-normal precipitation. This data, coupled with information about local reservoir levels and soil moisture, informed the Northern Water Board of Directors to set a 70 percent quota in April.

The public can access water data through the Northern Water website, <a href="https://www.northernwater.org">www.northernwater.org</a>, and find specific information under the "Our Data" tab. Information such as snowpack, streamflow, water quality, water temperature and even weather conditions are just a click away.



Sediment sits at the bottom of the Hansen Feeder Canal this spring. Crews removed nearly 1,000 tons of material that had entered the canal.

# **Crews Remove Nearly 1,000 Tons of Sediment from Section of Canal**

Distributions Department crews for Northern Water were reminded this spring about the power of rivers to move more than just water.

With repair work required at the Pole Hill Power Plant during months when the Colorado-Big Thompson would be positioning water in Horsetooth Reservoir and Carter Lake, the Bureau of Reclamation delivered water from Lake Estes down the Big Thompson River to the Dille Diversion, where it was directed to Horsetooth Reservoir. Water from the Dille Diversion joins the Hansen Feeder Canal just south of the Big Thompson Siphon over U.S. Highway 34, and from there it flows north to the reservoir.

When Northern Water crews started work to prepare the Hansen Feeder Canal for spring and summer operations, they found excessive sediment in the canal downstream of the Dille diversion inlet, mostly brought there during the winter diversions from the Big Thompson River. According to Distribution Systems Department staff, nearly 1,000 tons of silt were removed during the outage. Remaining sediment and silt in the canal will either be flushed during normal operations or removed later.



The Colorado River flows below Windy Gap Reservoir.

# **New Agreement to Improve River Flows in Grand County**

Grand County and Northern Water have agreed to a unique and first-of-its-kind Operational Framework that provides Grand County with the ability to have as much as 7,000 acre-feet of additional controllable water to release from the Colorado-Big Thompson (C-BT) Project for stream enhancement and other purposes that will benefit Grand County's recreation and agriculture industries. The volume available for streamflow improvement will be dependent on annual river conditions and C-BT Project storage levels.

Approved in recent weeks by the Northern Water Board of Directors and the Grand County Commissioners, the agreement outlines a methodology to determine the water that will be available to the County each year. Water made available under this agreement to the County will be released to Willow Creek, or to the Colorado River, will supplement existing flows, and could accumulate to nearly 40,000 acre-feet over the course of a decade. Prior to 2005, this water was used for irrigation of hay fields near the Town of Granby. Since that time, the underlying lands have been removed from agricultural production and converted to residential and commercial development. Without this agreement, the water will continue to be captured by the C-BT Project and available to Northern Water for uses in Northeastern Colorado.

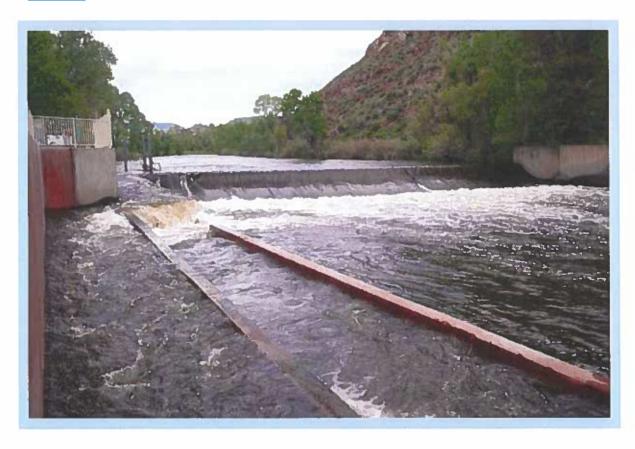
Grand County and Northern Water will, in coming months, consult and coordinate with the U.S. Bureau of Reclamation regarding the implementation of the agreement.



Tours are now available of the Conservation Gardens at Northern Water.

### **Join Us for Conservation Gardens Monthly Tours**

Northern Water is now offering Conservation Gardens tours on the third Friday of every month at 10 a.m. Tours begin in the Colorado-Big Thompson Interpretive Area in the backyard of the Berthoud headquarters providing historical information, landscape education and inspiration. Come see what's in bloom! For more information or to register visit the event calendar.



# From The Archives: A New Way for Fish to Bypass a Diversion Dam

Five years ago this month, a new piece of river infrastructure was dedicated on the Poudre River to reconnect a reach that had been blocked by a low-head diversion dam.

The fish passage at Watson Lake was dedicated on May 1, 2019, with representatives from Morning Fresh Dairy, Northern Water, Colorado Parks and Wildlife, Trout Unlimited and the Poudre River National Historic Area.

The passage helps to meet several goals at once. First and foremost, it allows for the conveyance of a portion of the yield from the Northern Integrated Supply Project's Glade Reservoir down the Poudre River to a diversion downstream of downtown Fort Collins. As part of the Fish and Wildlife Mitigation and Enhancement Plan for NISP, the release of some water from Glade Reservoir will improve a section of river year-round.

Second, the new passage will help native species move around the current diversion dam using a ramp that has water in it much of the year. Embedded within the ramp are cobbles that provide resting areas for small fish swimming against the river current.

Today, you can see this fish passage and interpretive signage at the northeast corner of Watson Lake just west of LaPorte.

**View Our History Timeline** 

# MANAGER'S REPORT ITEM NO. 5H

**JULY 18, 2024** 

### **Background Summary:**

- Sanitary Survey Results
- Backflow testing, new proposed rule
- Leak repair, 20" steel line
- Audit
- Relocation 12" line at Colo Blvd & Bella Rose for Town of Frederick installing new culvert
- Relocation of 12" line & 24" line at County Road 11 & 12 for new drainage culvert being installed by City of Dacono

### **BOARD ACTION SUGGESTED:**

Information Only.

# CARTER LAKE FILTER PLANT MINUTES ITEM NO. 6A (1-5)

**JULY 18, 2024** 

### **Background Summary:**

Please review the Carter Lake Filter Plant Minutes from May and June.

**BOARD ACTION SUGGESTED:** Information Only.

### MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF CARTER LAKE FILTER PLANT

The regular monthly meeting of the Board of Directors was held at the Carter Lake Filter Plant Office on Wednesday, June 12, 2024. Attendance was as follows:

Staff/Guests in Attendance

			<del></del>
Al Lind, President	Present	Rick Whittet	CLFP General Manager
Ryan Heiland, Vice President	Present	Darrell Larson	CLFP Plant Superintendent

Steve Brandenburg, Secretary/Treasurer Present CLFP Office Manager Lisa Everson Scott Meining Present Amber Kauffman LTWD District Manager

Katie Strohauer Present Josh Cook NoCo Engineering

Larry Brandt Present

### **CALL TO ORDER:**

**Board of Directors** 

President Lind called the meeting to order at 4:35 p.m.

### **REVIEW OF AGENDA ITEMS:**

There were no additions or changes to the meeting agenda.

### **PUBLIC COMMENT ON NON-AGENDA ITEMS:**

There were no public comments.

### REVIEW OF THE MEETING MINUTES OF PRIOR BOARD MEETING:

The minutes from the previous Board Meeting were reviewed.

It was moved by Director Strohauer and seconded by Director Meining to approve the meeting minutes of the May 8, 2024, Board Meeting. Director Brandenburg abstained from the vote. The motion carried.

### **FINANCIAL REVIEW:**

The financial reports from May were reviewed. Large payments to Municipal Treatment, AWC Water Solutions, and Filmtec were approved.

It was moved by Director Brandt and seconded by Director Heiland to approve the May 2024 Financials as presented. The motion carried.

### **PROJECT UPDATE:**

Mr. Cook presented an update on the current projects. The Dry Creek pump was recently delivered and will be installed in the coming weeks. Algaecide application at Dry Creek Reservoir is anticipated to occur in the coming weeks. The Basis of Design Report for the PreTreatment Design was submitted to the CDPHE Engineering Department. The exterior of the 7-million-gallon tank has been scheduled for painting to begin on July 29, 2024. Repairs of the interior tank coating will be discussed after the exterior work is completed. Piping modifications are required at the North Plant to allow flow from the future Dissolved Air Flotation system to bypass existing influent chemical feeds and strainers. Lead time for piping is 3-4 months and the installation will take approximately 2 weeks. This project is currently planned for December of 2024.

Mr. Larson reviewed his report on the current projects.

### Carter Lake Filter Plant Meeting Minutes June 12, 2024 Page **2** of **2**

### **OPERATIONS AND MAINTENANCE REPORT:**

Mr. Larson presented the O & M report for the month of May. The operators completed the installation of the replacement membrane modules that were received in May at the North Plant. Mr. Whittet described the performance of the modules thus far which were promising. There was discussion about replacement of other modules in the Plant. Mr. Whittet explained he would like more time to evaluate the performance of the new modules.

### **WATER QUALITY REPORT:**

Mr. Whittet presented the Water Quality report for May, all parameters were within acceptable limits. Mr. Whittet explained the sampling schedule for polyfluoroalkyl substances (PFAS) monitoring which is part of the Fifth Unregulated Contaminant Monitoring Rule and is sampled for by the Districts. There was some discussion concerning the removal of PFAS from drinking water. Concerns were raised in relation to the prevalence of PFAS in the environment.

### **MANAGER'S REPORT:**

Mr. Whittet reviewed the Manager's Report for May. There was a discussion concerning Owner's Representation for the Pre-Treatment/Plant Expansion Project. Mr. Whittet presented a plan to hire a part-time Owner's Representative in 2025. Mr. Whittet then presented a request for additional staff with one employee retiring at the end of the year and he explained concerns he has with shift workers working alone.

It was moved by Director Heiland and seconded by Director Meining to approve the hiring of a full-time entry level Plant Operator Assistant at a wage up to \$30.00 per hour. The motion carried. The motion was amended by Director Brandenburg to approve a total of 2 additional full-time employees which was seconded by Director Heiland. The motion carried.

There was a discussion concerning Project Management for the Pre-Treatment/Plant Expansion Project. Director Brandenburg raised concerns he has based on prior experience on the Plant Board. Mr. Cook explained his plan for staffing for the Project and the amount of involvement anticipated by each member of his team.

It was moved by Director Meining and seconded by Director Strohauer to accept NEC's plan for services listed on the Construction Assistance Time & Materials Estimate to act as Project Manager for the PreTreatment/Plant Expansion Project. The motion carried.

### **DISTRICT MANAGER'S QUESTIONS AND COMMENTS:**

There were no questions or comments.

### **DIRECTOR REPORTS:**

There were no Director Reports.

here being no other business, the meeting was adjourned at 6:50 p.m.	,
Respectfully Submitted,	
Secretary	

### MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF CARTER LAKE FILTER PLANT

The regular monthly meeting of the Board of Directors was held at the Carter Lake Filter Plant Office on Wednesday, May 8, 2024. Attendance was as follows:

Board of Directors		Staff/Guests in Atte	<u>ndance</u>
Al Lind, President	Present	Rick Whittet	CLFP General Manager
Ryan Heiland, Vice President	Present	Darrell Larson	CLFP Plant Superintendent
$Steve\ Brandenburg, Secretary/Treasurer$	Absent	Bryan Beberniss	CLFP Chief Operator
Scott Meining	Present	Lisa Everson	CLFP Office Manager
Katie Strohauer	Present	Amber Kauffman	LTWD District Manager
Larry Brandt	Present	Stan Linker	CWCWD District Manager
		Josh Cook	NoCo Engineering

### **CALL TO ORDER:**

President Lind called the meeting to order at 4:35 p.m.

It was moved by Director Heiland and seconded by Director Brandt to excuse the absence of Director Brandenburg. The motion carried.

### **REVIEW OF AGENDA ITEMS:**

There were no additions or changes to the meeting agenda.

### **PUBLIC COMMENT ON NON-AGENDA ITEMS:**

There were no public comments.

### REVIEW OF THE MEETING MINUTES OF PRIOR BOARD MEETING:

The minutes from the previous Board Meeting were reviewed.

It was moved by Director Meining and seconded by Director Strohauer to approve the meeting minutes of the April 10, 2024, Board Meeting. The motion carried.

### **FINANCIAL REVIEW:**

The financial reports from April were reviewed.

One large check to NOCO Engineering for the Pre-Treatment Design Project in the amount of \$114,404.70 was approved.

It was moved by Director Brandt and seconded by Director Strohauer to approve the April 2024 Financials as presented. The motion carried.

### PROJECT UPDATE:

Mr. Cook presented an update on the current projects. The Dry Creek control system requires a software upgrade which will result in a change order of approximately \$3,000.00. Delivery of the new pump for Dry Creek was delayed and is anticipated in late May.

Northern Colorado Water Conservancy District is exploring options to install a new gate in the canal as part of

### Carter Lake Filter Plant Meeting Minutes May 8, 2024 Page 2 of 3

the South Plant Expansion. Mr. Cook reported the new connection to the canal would likely occur in 2028, one year after the South Plant Expansion is completed. Mr. Cook will provide updates and cost estimates concerning the canal at a later date.

Mr. Cook anticipates submission of the Basis of Design Report to the CDPHE Engineering Department in the coming weeks.

Mr. Cook presented estimated costs for NoCo Engineering to provide Project Management services during the Pre-Treatment Construction Project.

Director Heiland voiced some concerns he has regarding the management of the project, checks and balances of the design, quality assurance and quality control prior to bidding.

Mr. Whittet discussed his plan for the review of equipment submittals and drawing review going forward. There was some discussion regarding this plan and the need to support the Plant staff during construction.

Mr. Larson reviewed his report on the current projects. Three bids were received for the installation of the North Plant replacement valves. The Board reviewed the bids.

It was moved by Director Heiland and seconded by Director Meining to approve Wesco's bid in the amount of \$164,065.71 for the installation of the replacement valves at the North Plant. The motion carried.

Mr. Whittet updated the Board concerning the 7-Million Gallon Tank warranty repairs. The contractor responsible for the repairs responded to the Plant's letter and is planning to begin repairs on the exterior of the tank this summer. The interior tank repairs will take approximately 6 weeks and should be completed in December 2024.

The replacement membrane modules were delivered. The Plant is awaiting CDPHE approval before installation of the modules.

### **OPERATIONS AND MAINTENANCE REPORT:**

Mr. Beberniss presented the O & M report for the month of April. The Plant staff plan to utilize a new chemical on a trial basis for membrane cleaning. A utility vehicle was purchased for transportation around the facilities.

### WATER QUALITY REPORT:

Mr. Beberniss presented the Water Quality report for April, all parameters were within acceptable limits. Mr. Whittet answered a question concerning PFAS testing.

#### **MANAGER'S REPORT:**

Mr. Whittet reviewed the Manager's Report for April. The chlorine dioxide contract was renewed with Evoqua for the upcoming year. The Colorado Department of Labor and Employment plans to conduct an Unemployment Insurance audit in May.

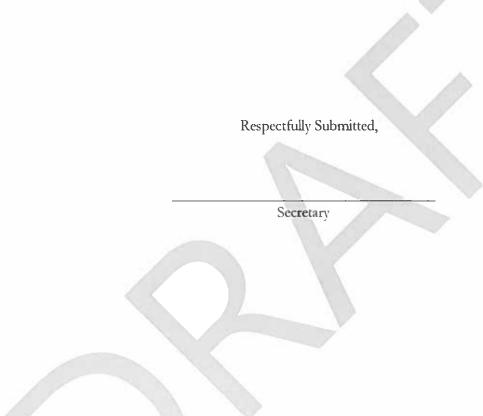
#### **DISTRICT MANAGER'S QUESTIONS AND COMMENTS:**

There were no questions or comments.

### Carter Lake Filter Plant Meeting Minutes May 8, 2024 Page 3 of 3

There were no Director reports.

There being no other business, the meeting was adjourned at 6:36 p.m.



# CARTER LAKE FILTER PLANT AGENDA ITEM NO. 6B

**JULY 18, 2024** 



Please review the Carter Lake Filter Plant Agenda for June and July.

BOARD ACTION SUGGESTED: Information Only.



# Carter Lake Filter Plant

7100 W. County Rd 8-E Berthoud, Colorado 80513

Directors: Al Lind Jr. | Ryan Heiland | Steven Brandenburg | Scott Meining | Katie Strohauer | Larry Brandt

Plant Manager: Rick Whittet

### Regular Board Meeting Agenda July 10, 2024 – 4:30 P.M.

1.	Call to Order	
2.	Review of Agenda Items	
3.	Public Comment on Non-Agenda Items	
4.	Review of Meeting Minutes of Prior Board Meeting	Page 2
5.	Financial Review	Page 5
6.	Project Update	Page 21
7.	Operations and Maintenance Report 7.1 Module Flow Testing Results 7.2 Module Purchase Costs and Lead Times	Page 27
8.	Water Quality Report	Page 31
9.	Manager's Report	Page 32
10.	District Manager's Questions and Comments	
11.	Director Reports	
12.	Adjournment	



# Carter Lake Filter Plant

7100 W. County Rd 8-E Berthoud, Colorado 80513

Directors: Al Lind Jr. | Ryan Heiland | Steven Brandenburg | Scott Meining | Katie Strohauer | Larry Brandt

Plant Manager: Rick Whittet

### Regular Board Meeting Agenda June 12, 2024 – 4:30 P.M.

1.	Call to Order	
2.	Review of Agenda Items	
3.	Public Comment on Non-Agenda Items	
4.	Review of Meeting Minutes of Prior Board Meeting	Page 2
5.	Financial Review	Page 6
6.	Project Update	Page 22
7.	Operations and Maintenance Report	Page 30
8.	Water Quality Report	Page 32
9.	Manager's Report	Page 34
10.	District Manager's Questions and Comments	369
11.	Director Reports	
12.	Adjournment	

## **CARTER LAKE FILTER PLANT PROJECT UPDATE**

## ITEM NO. 6C (1-51)

**JULY 18, 2024** 

### **Summary:**

Financials	Year to date total revenues for May were less than budgeted for revenue and	
	less than budgeted for expenses; June revenue was more than budgeted and	
NT (I TO)	expenses were less than budgeted.	
North Plant	Completed the design for the mechanical ventilation.	
	Received approval for S10N Version 2 modules from CDPHE	
	Avista cleans performed on cells 1-5 with promising recoveries after a	
	standard Citric/Sulfuric clean, then Avista clean, then a bleach.	
	Wesco installed replacement check valves on Blowes #1 and #2	
Lake Level	As of 5/31/2024 the lake level was 101,500 AF	
	As of 6/30/2024 the lake level was 103,200 AF	
Flows	Average daily demand for May was 18.9 MGD up from 15 MGD in 2023	
	Average daily demand for June was 27.9 MGD up from 14.7 MGD in 2023	
Dry Creek All of the piping is installed.		
	Mock startup to go thru the controls and communication items prior to the	
	pump being installed.	
	The only items left for start-up are the pump and the pump control valve	
	Upon review of the algal testing results from May, Solitude Lake Management	
	is recommending two treatments of copper sulfate spaced one month apart for	
	effectiveness. The first application was applied June 6 <sup>th</sup> and will apply the	
	remaining in early July. They have recently had success in managing lake	
	algea using ultraviolet buoy's and will send more information concerning this	
	alternative to chemical treatment for consideration.	
	Issue with the pump motor having strange sounds	
	Going to install an HMI on the VFD control panel	
	Started pumping Dry Creek at 2.2 MGD on 6/26/24 for 8 hours and was	
	informed by NCWCD of a leak in the pipeline	
7 MG Tank	Meeting set up with Connell to go over the painting issues	
	July 29 <sup>th</sup> to start work on the exterior painting issues then talk about interior	
South Plant	Hauled several deump truck loads of sludge to clean middle and south beds	
Audit	Received a quote of \$14,250 from Adam's Group to perform 2024 annual	
	audit with approx increases of \$450-\$525 per year until 2028 if hired	
	to any and the first and the first transfer and transfer	

**BOARD ACTION SUGGESTED**: As appropriate by Board.



# **Carter Lake Filter Plant**

### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 5** 

**SUBJECT: June Financial Review** 

STAFF: Rick Whittet, Plant Manager & Lisa Everson, Office Manager

**ACTION REQUEST:** Approval of June Financials

### • Review of June Financials:

- The monthly operations revenue was \$427,908 which is \$19,573 more than budgeted.
- Sold the 1997 F-150 pickup truck for \$2,500.00.
- The monthly total expenses were \$279,478 which is \$67,105 less than budgeted mostly due to timing.
- Large Payment Approvals:
  - Payment to AWC for PreTreatment Equipment (Saturator Tanks and Instrumentation) in the amount of \$701,525.00

## Accrual Basis

# CARTER LAKE FILTER PLANT Balance Sheet As of June 30, 2024

	Jun 30, 24
ASSETS	
Current Assets	
Checking/Savings	
100500 · PETTY CASH	277.10
101000 · CASHBANK ACCOUNT	1,100,201.73
105000 ·COLOTRUST SAVINGS	22,217.78
Total Checking/Savings	1,122,696.61
Accounts Receivable	
110000 · ACCOUNTS RECEIVABLE	427,908.08
Total Accounts Receivable	427,908.08
Total Current Assets	1,550,604.69
Fixed Assets	
121000 · FILTER PLANT PROPERTY	10,730,794.88
121200 · WITHDRAW FACILITIES	17,579.00
121400 · VEHICLES & EQUIPMENT	210,722.56
121500 · SOUTH PLANT CONTROL SYSTEM	206,353.35
121600 · STORAGE TANKS	899,151.06
121800 · REAL PROPERTY	5,000.00
122000 · PROPERTY -FILTER HOUSE	39,461.04
122200 · AUTOMOBILE EQUIPMENT	53,645.15
122400 · SOUTH PLANT CHLORINE SCRUBBER	12,679.00
122600 · OFFICE EQUIPMENT	3,427.00
123000 · ACCUMULATED DEPRECIATION	-7,041,904.95
123900 · S PLANT EXPANSION CONSTRUCTION	0.01
124000 ·S PLANT EXPANSION DESIGN	0.02
Total Fixed Assets	5,136,908.12
Other Assets 126000 · INVENTORY	260,604.49
Total Other Assets	260,604.49
TOTAL ASSETS	6,948,117.30
LIABILITIES & EQUITY Liabilities Current Liabilities Accounts Payable	
200000 · ACCOUNTS PAYABLE	821,601.73
Total Accounts Payable	821,601.73

## CARTER LAKE FILTER PLANT Balance Sheet

As of June 30, 2024

Accrual Basis

	Jun 30, 24
Other Current Liabilities	
200001 · AUDIT ADJ PAYABLES	11,185.00
200100 · PAYROLL TAXES PAYABLE	2.52
200200 · STATE WITHHOLDING TAX	3,208.00
202000 · ACCRUED COMP. ABSENCES	58,424.07
202100 · ACCRUED WAGES PAYABLE	6,897.27
Total Other Current Liabilities	79,716.86
Total Current Liabilities	901,318.59
Total Liabilities	901,318.59
Equity	
211000 · CAPITAL CONSTRUCTION -LTWD	4,053,223.64
211100 · CAP CONSTRUCTION - CWCWD	4,064,674.35
220000 · RETAINED EARNINGS	-1,256,664.99
30000 · Opening Balance Equity	-65,061.64
32000 · RetainedEarnings	-734,205.31
Net Income	-15,167.34
Total Equity	6,046,798.71
TOTAL LIABILITIES & EQUITY	6,948,117.30

Accrual Basis

_	Jun 24	Budget	\$ Over Budget	Jan - Jun 24	YTD Budget	\$ Over Budget	Annual Budget
Income 301000 · INCOME OPERATIONS 302000 · INCOME MISCELLANEOUS	427,908.08 2.500.00	408.335.21	19,572.87	1,936,013,17 2,500.00	1.941.440.99	-5.427.82	4,172,634.13
302400 · INCOME INTEREST	673.22	17.91	655.31	3,379.67	107.51	3,272.16	215.00
Total Income	431,081.30	408.353.12	22,728.18	1,941,892.84	1,941,548.50	344.34	4,172,849.13
Expense							
501000 · ADMINISTRATIVE	0.00	0.00	0.00	0.00	0.00	0.00	1 500 00
501100 · NCWCD 16" LINE FEES 501200 · LEGAL NOTICES	0.00 0.00	0.00	0.00	0.00 89.34	0.00 0.00	0.00 89.34	1,500.00
501300 · FEES. LICENSES & DUES	2,624.00	967.95	1.656.05	7.177.35	7,192.30	-14.95	13.000.00
506200 · BOD MILEAGE	201.00	207.00	-6.00	1,113.54	1,242.00	-128.46	2,484,00
506600 · OFFICE SUPPLIES	365.06	300.00	65.06	4,890.44	7,750.00	-2,859,56	12,500.00
506700 · CUSTODIAL SUPPLIES	0.00	0.00	0.00	716.58	990.00	-273.42	1,980.00
506900 - FURNITURE	0.00	0.00	0.00	89.99	1,250.00	-1,160.01	2,500.00
Total 501000 · ADMINISTRATIVE	3,190.06	1,474.95	1,715.11	14,077.24	18.424.30	-4,347.06	33,964.00
501500 ·TRAINING							
501600 · SEMINARS & FEES	0.00	650.00	-650.00	0.00	3,900.00	-3,900.00	6,630.00
501800 - SAFETY	270.00	333.34	-63.34	1,620.00	2,000.02	-380.02	4,000.00
Total 501 500 ·TRAINING	270.00	983.34	-713.34	1,620.00	5,900.02	-4,280.02	10,630.00
502000 · LABORATORY							
502500 ·SUPPLIES	173.40	500.00	-326.60	4,187.85	8,573.50	-4,385.65	17,147.00
502700 · PROFESSIONAL SERVICES	732.50	0.00	732.50	9,051.50	8,430.00	621.50	11,360.00
502800 - EQUIPMENT REPLACEMENT	0.00	0.00	0.00	21,855.15	25,938.00	-4,082.85	25,938.00
Total 502000 · LABORATORY	905.90	500.00	405.90	35.094.50	42,941.50	-7,847.00	54,445.00
503200 - SOUTH PLANT CHEMICALS							
503202 · COAGULANT	0.00	56,055.67	-56,055.67	49,813.00	112,111.34	-62,298.34	168,167.00
503203 - SEAQUEST	0.00	0.00	0.00	30,272.00	33,299.20	-3,027.20	66,598.40
503204 · CHLORINE	6,016.20	4,082.50	1,933.70	20,054.00	18,371.25	1,682.75	40,825.25
503205 · FLUORIDE	11,924.84	0.00	11,924.84	23,849.68	14,800.00	9,049.68	29,794.60
503206 · FLOCULANT	0.00	2,442.00	-2,442.00	0.00	2,442.00	-2,442.00	2,442.00
503207 · FERRIC SULFATE	20,331.69	0.00	20,331.69	40,436.45	43,422.80	-2.986.35	69,902.80
503208 · SODA ASH	9,096.00	9,887.20	-791.20	22,740.00	29,661.60	-6,921.60	63.031.20
503209 · SODIUM CHLORITE	0.00	53,350.00	-53,350.00	0.00	53,350.00	-53.350.00	68,737.00
Total 503200 · SOUTH PLANT CHEMICA	47.368.73	125.817.37	-78,448.64	187,165,13	307,458,19	-120,293.06	509,498.25

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Accival Basis

CIOCHE DELIN							
	Jun 24	Budget	\$ Over Budget	Jan - Jun 24	YTD Budget	\$ Over Budget	Annual Budget
503300 · NORTH PLANT CHEMICALS							
503302 · COAGULANT	8.457.66	0.00	8,457,66	32.140.66	52,296,10	-20.155.44	104.592.30
503303 SEAQUEST	0.00	0.00	0.00	45,408.00	49,948.80	-4,540.80	99,897.60
503304 · CHLORINE	0.00	0.00	0.00	27,400.60	24,495.00	2,905.60	56,925.00
503305 · FLUORIDE	11,924.84	0.00	11,924.84	23,849.68	14,800.00	9,049.68	44,000.00
503306 · CAUSTIC SODA	7,100.60	0.00	7,100.60	7,100.60	7,281.45	-180.85	14,562.90
503307 · FERRIC SULFATE	19,443.33	20.819.00	-1,375.67	99,360.05	83,276.00	16,084.05	229,004.00
503308 · SODA ASH	10,944.00	11,550.00	-606.00	43,519.50	46,200.00	-2,680.50	115,924.00
503309 · SODIUM CHLORITE	0.00	0.00	0.00	48,600,00	53,350,00	-4.750.00	138,954,00
503310 · CLEAN-IN-PLACE	22,368.99	4,868.80	17,500.19	93,333.29	76,375.30	16,957.99	142,450.00
Total 503300 · NORTH PLANT CHEMIC	80,239.42	37,237.80	43,001.62	420,712.38	408,022.65	12,689.73	946,309.80
503400 · DRY CREEK CHEMICALS							
503402 · COPPER SULFATE	0.00	0.00	0.00	33,890.00	55,000.00	-21,110.00	55,000.00
Total 503400 · DRY CREEK CHEMICALS	0.00	0.00	0.00	33,890.00	55,000.00	-21,110.00	55,000.00
504000 · PROFESSIONAL SERVICES							
504100 · CONTROL SYSTEM	447.20	2,916.67	-2,469.47	8,743.50	17,500.00	-8,756.50	35.000.00
504200 · ELECTRICAL	1,796.68	2,340.25	-543.57	17,332.72	14,041.50	3,291.22	28,083.00
504300 · FIRE & SECURITY	0.00	1,500.00	-1,500.00	400.00	3,353.00	-2,953.00	5,206.00
504400 · BACK UP POWER	0.00	0.00	0.00	3,244.00	3,802.00	-558.00	3,802.00
504500 · IT SUPPORT	124.50	130.00	-5.50	797.00	780.00	17.00	2,350.00
504600 ACCOUNTING	0.00	0.00	0.00	24,500.00	24,500.00	0.00	24,500.00
504800 · ENGINEERING	494.50	3,152.91	-2,658.41	10,359.90	18,917.51	-8.557.61	37,835.00
504900 · LEGAL	1,710.00	375.00	1,335.00	5,632.50	2,250.00	3,382.50	4,162.00
Total 504000 · PROFESSIONAL SERVICES	4,572.88	10,414.83	-5,841,95	71,009.62	85,144.01	-14,134.39	140,938.00
507000 - WATER QUALITY							
507100 · INORGANICS	0.00	0.00	0.00	351.00	946.00	-595.00	946.00
507200 · CHLORITES	0.00	0.00	0.00	180.00	198.00	-18.00	396.00
507600 - RAW ALGAE ID	600.00	385.00	215.00	2,000.00	1,925.00	75.00	4,235.00
507800 · DISCHARGE	18.00	19.83	-1.83	1,434.00	119.00	1,315.00	238.00
507900 · OTHER	41.00	243.10	-202.10	265.00	1,062.60	-797.60	2,521.00
Total 507000 · WATER QUALITY	659.00	647.93	11.07	4,230.00	4,250.60	-20.60	8,336.00

Accival Basis

	Jun 24	Budget	\$ Over Budget	Jan - Jun 24	YTD Budget	\$ Over Budget	Annual Budget
508000 - OPERATIONS & MAINTENANCE							
508600 GENERAL SERVICES	1,137.74	7.076.00	-5.938.26	49,603.83	42.456.00	7,147,83	84,912.00
508700 PARTS & SUPPLIES	2,249.54	7,058.33	-4,808.79	38,384.82	42,349,99	-3.965.17	84,700.00
508800 TOOLS & EQUIPMENT	0.00	0.00	0.00	497.31	2,101,00	-1.603.69	4.202.00
508900 - PROPERTY MAINTENANCE	0.00	0.00	0.00	1,743.90	27,400.00	-25,656,10	27,400.00
509000 GARBAGE REMOVAL	1,304.95	291.67	1,013.28	1,810.41	1,750.00	60.41	3,500.00
510100 DIESEL	190.24	0.00	190.24	2.805.96	0.00	2,805.96	4,000.00
510200 GASOLINE	358.68	801.00	-442.32	1,758.60	3,602.00	-1,843.40	7,205.00
510300 - MILEAGE REIMBURSEMENT	0.00	0.00	0.00	89.78	125.00	-35.22	250.00
510700 CLOTHING	0.00	0.00	0.00	0.00	800.00	-800.00	5,240.00
510800 - SAFETY SUPPLIES	218.00	220.00	-2.00	4,618.14	2,883.50	1,734.64	5,767.00
512000 : FILTER PLANT HOUSE	390.00	10,000.00	-9,610.00	6,579.08	10,000.00	-3,420.92	10,000.00
Total 508000 - OPERATIONS & MAINTE	5,849.15	25,447.00	-19,597.85	107,891.83	133,467.49	-25,575.66	237,176.00
511500 - VEHICLE MAINTENANCE	0.00	607.75	-607.75	254.83	3,646.50	-3,391.67	7,293.00
513000 - UTILITIES 505000 - COMMUNICATIONS							
505100 - TELEPHONE SERVICE	360.71	447.75	-87.04	2,133.92	2.686.50	-552.58	5,373.00
505200 · CELLULAR SERVICE	378.00	322.00	56.00	5,600.67	5,548.00	52.67	7,480.00
Total 505000 - COMMUNICATIONS	738.71	769.75	-31.04	7,734.59	8,234.50	-499.91	12,853.00
513100 - ELECTRICITY 513600 - NORTH PLANT 513700 - SOUTH PLANT 513800 - PLANT HOUSE	10,562.22 4,676.73 102.51	11,500.00 6,000.00 150.00	-937.78 -1,323.27 -47.49	61,227 42 28,083.33 730.41	60,300.00 32,900.00 784.00	927.42 -4.816.67 -53.59	126,000.00 66,413,00 1,628.00
Total 513100 · ELECTRICITY	15.341.46	17,650.00	-2,308.54	90,041.16	93,984.00	-3,942,84	194.041.00
514000 · PROPANE 514100 · NORTH PLANT 514200 · SOUTH PLANT 514300 · PLANT HOUSE	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	3.809.24 6.657.98 507.71	9,300,00 8,200,00 850,00	-5,490.76 -1,542.02 -342.29	17,355,00 13,790,00 1,815,00
Total 514000 · PROPANE	0.00	0.00	0.00	10,974.93	18,350.00	-7.375.07	32,960.00
Total 513000 · UTILITIES	16,080.17	18.419.75	-2,339.58	108,750.68	120,568.50	-11,817,82	239,854.00
515000 · PAYROLL 515500 · PAYROLL TAXES	82,344.38 6,299.33	83,840.64 6,413.33	-1,496.26 -114.00	550,007.25 42.075,54	564,938.78 43,217.94	-14.931.53 -1.142.40	1.152.285.99 88.150.00
515600 · STATE UNEMPLOYMENT	0.00	0.00	0.00	1.042.73	1,552.00	-509.27	3,456.00
A 1949 AND ALL PRINTED INTEREST	0.00	0.00	0.00	1,042./3	1,332.00	-307.27	3,430,00

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Accrual Basis

	Jun 24	Budget	\$ Over Budget	Jan - Jun 24	YTD Budget	\$ Over Budget	Annual Budget
516100 ·INSURANCE							
505500 PROPERTY & LIABILITY	0.00	0.00	0.00	170,209.00	224,647.00	-54,438.00	224,647.00
505800 - WORKERS COMPENSATION	0.00	0.00	0.00	16.654.00	15,000.00	1,654.00	15,000.00
516000 · HEALTH	27,921.57	30,708.90	-2.787.33	168.587.77	184,253.50	-15,665.73	368,507.00
Total 516100 ·INSURANCE	27,921.57	30,708.90	-2,787.33	355,450.77	423,900.50	-68,449.73	608,154.00
514500 · RETIREMENT CONTRIBUTION	3.777.08	4,069.21	-292.13	23.787.68	24,011,19	-223.51	49,607.00
Total Expense	279,477.67	346,582.80	-67,105.13	1,957,060.18	2,242,444.17	-285,383.99	4,145,097.04
Net Income	151,603.63	61,770.32	89,833.31	-15,167.34	-300,895.67	285,728.33	27,752.09

## CARTER LAKE FILTER PLANT Invoices to Districts As of June 30, 2024

<u>Date</u>	Invoice #	<u>District</u>	<u>Memo</u>	<u>Amount</u>	<u>Paid</u>
6/15/24	2073	CWCWD	W 5MG TANK (NOCO)	118.00	✓
6/15/24	2074	LTWD	W 5MG TANK (NOCO)	118.00	✓
6/15/24	2075	CWCWD	DRY CREEK PUMP INSTALL (NOCO)	755.00	✓
6/15/24	2076	LTWD	DRY CREEK PUMP INSTALL (NOCO)	755.00	✓
6/15/24	2077	CWCWD	7MG TANK WARRANTY REPAIRS (NOCO)	118.00	$\checkmark$
6/15/24	2078	LTWD	7MG TANK WARRANTY REPAIRS (NOCO)	118.00	$\checkmark$
6/15/24	2079	CWCWD	PRETREATMENT DESIGN/CONSTRUCTION (NOCO & AWC)	129,124.57	✓
6/15/24	2080	LTWD	PRETREATMENT DESIGN/CONSTRUCTION (NOCO & AWC)	129,124.57	✓
6/21/24	2081	CWCWD	DRY CREEK PUMP INSTALL (LSI)	77.00	✓
6/21/24	2082	LTWD	DRY CREEK PUMP INSTALL (LSI)	77.00	✓
6/21/24	2083	CWCWD	SCADA UPGRADE (LSI)	4,982.60	✓
6/21/24	2084	LTWD	SCADA UPGRADE (LSI)	4,982.60	✓
6/21/24	2085	CWCWD	PRETREATMENT DESIGN/CONSTRUCTION (LSI & AWC)	232,843.00	✓
6/21/24	2086	LTWD	PRETREATMENT DESIGN/CONSTRUCTION (LSI & AWC)	232,843.00	✓
6/21/24	2087	CWCWD	DRY CREEK -ELECTRICAL	1,125.00	✓
6/21/24	2088	LTWD	DRY CREEK -ELECTRICAL	1,125.00	✓
6/30/24	2089	CWCWD	JUNE WATER USAGE	238,903.01	
6/30/24	2090	LTWD	JUNE WATER USAGE	189,005.07	

TOTAL DISTRICT INVOICES \$ 1,166,194.42

TOTAL CURRENT ACCOUNTS RECEIVABLE \$ 427,908.08

#### CARTER LAKE FILTER PLANT Check Register As of June 30, 2024

Num 101000 - CASHE	<u>Date</u> BANK ACCOUNT	Name	Memo	<u>Amount</u>
BILL PAY	6/12/2024	FILMTEC CORPORATION	N PLANT MEMBRANES	481,000.00
BILL PAY	6/12/2024	AWC WATER SOLUTIONS LTD	PRETREATMENT CONSTRUCTION	231,525.00
BILL PAY	6/12/2024		N PLANT VALVES	109,488.00
25722	6/18/2024		GATOR PURCHASE	35,762.06
BILL PAY	6/4/2024	CEBT	EMPLOYEE INSURANCE	27,921.57
BILL PAY	6/18/2024	WESCO	DRY CREEK PUMP INSTALL	26,334.00
BILL PAY	6/25/2024	MARMAC WATER	CHEMICALS	20,331.69
BILL PAY	6/11/2024	MARMAC WATER	CHEMICALS	19,524.81
25719	6/11/2024	PVS DX, INC	CHEMICALS	18,624.96
BILL PAY	6/11/2024	POUDRE VALLEY REA	UTILITIES -ELECTRIC	15,341.46
BILL PAY	6/18/2024	HARCROS CHEMICALS INC.	CHEMICALS	10,920.25
BILL PAY	6/25/2024	USALCO	CHEMICALS	7,973.00
25714	6/4/2024	LOGICAL SYSTEMS, LLC	CONTROL SYSTEM/SCADA UPGRADES	7,641.00
25738	6/25/2024	UNIVAR SOLUTIONS	CHEMICALS	7,100.60
BILL PAY	6/11/2024	HARCROS CHEMICALS INC.	CHEMICALS	4,548.00
BILL PAY	6/25/2024	HARCROS CHEMICALS INC.	CHEMICALS	4,548.00
BILL PAY	6/18/2024	ARVADA PUMP CO	GENERAL SERVICES	3,470.00
25729	6/18/2024	AGFINITY	FUELS - DIESEL	2,615.72
25732	6/25/2024	AMER. WATER WORKS ASSOC.	MEMBERSHIP RENEWAL	2,444.00
BILL PAY	6/4/2024	POUDRE VALLEY REA	DRY CREEK -ELECTRICITY	2,250.00
25737	6/25/2024	STARR & WESTBROOK	LEGAL EXPENSES	1,710.00
25725	6/18/2024	INTERMOUNTAIN VALVE &	PARTS & HARDWARE	1,652.32
BILL PAY	6/11/2024	ROCKY MTN ELECTRIC	ELECTRICAL EXPENSES	1,571.68
BILL PAY	6/25/2024	WESCO	GENERAL SERVICES	1,439.00
25730	6/18/2024	REPUBLIC SERVICES	TRASH REMOVAL	1,205.18
BILL PAY	6/11/2024	CORE & MAIN	PARTS & HARDWARE	1,016.51
25735	6/25/2024	CUMMINS ROCK MOUNTAIN LLC	PARTS & HARDWARE	767.97
25713	6/4/2024	GRAINGER, INC	PARTS & HARDWARE	630.73
25736	6/25/2024	GRAINGER, INC	PARTS & HARDWARE	590.13
BILL PAY	6/18/2024	ELVINA AND YOUSAF LLC	FUELS -GASOLINE	548.92
BILL PAY	6/25/2024	NOCO ENGINEERING CO	ENGINEERING SERVICES	494.50
25723	6/18/2024	FEDEX FREIGHT	CHEMICAL FREIGHT	484.66
25720	6/18/2024	BACKFLOW TECH, INC.	GENERAL SERVICES	460.00
BILL PAY	6/18/2024	CH DIAGNOSTIC/CONSULTING	WATER QUALITY	400.00
25715	6/4/2024	ROOF RESTORATION	GENERAL SERVICES	399.13
BILL PAY	6/18/2024	VERIZON	COMMUNICATIONS - CELLULAR	378.00
25712	6/4/2024	CINTAS CORPORATION	SAFETY SUPPLIES	374.60
BILL PAY	6/4/2024	OFFICE DEPOT CREDIT PLAN	OFFICE SUPPLIES	368.36
BILL PAY	6/18/2024	SAFETY SERVICES	SAFETY TRAINING	270.00
BILL PAY	6/25/2024	ROCKY MTN ELECTRIC	ELECTRICAL EXPENSES	225.00
25734	6/25/2024		AED SERVICES	218.00
BILL PAY	6/11/2024	CH DIAGNOSTIC/CONSULTING	WATER QUALITY	200.00
25727	6/18/2024	SCORR SOLUTIONS	GENERAL SERVICES	166.25
BILL PAY	6/18/2024	CENTURYLINK	COMMUNICATIONS -TELEPHONE	138.19
25717	6/11/2024	CORKAT DATA SOLUTIONS	OFFICE 365 SUBSCRIPTION FEE	124.50
BILL PAY	6/11/2024	CLEARFLY	COMMUNICATIONS -TELEPHONE	116.02
25718	6/11/2024	INTERMOUNTAIN VALVE &	PARTS & HARDWARE	114.60
25721	6/18/2024	BATTERIES PLUS	PARTS & HARDWARE	110.42
BILL PAY	6/4/2024	CENTURYLINK	COMMUNICATIONS -TELEPHONE	106.50
25724	6/18/2024	GRAINGER, INC	PARTS & HARDWARE	101.55
BILL PAY	6/25/2024	CARDMEMBER SERVICE	CREDIT CARD PURCHASES	95.61
25733	6/25/2024	BERTHOUD ACE HARDWARE	PARTS & HARDWARE	89.94
25728	6/18/2024	WELD COUNTY HEALTH DEPT	WATER QUALITY	77.00
BILL PAY	6/18/2024	BES BUSINESS EQUIPMENT	COPIER LEASE	68.47
BILL PAY	6/11/2024	MUNICIPAL TREATMENT EQUIP	PARTS & HARDWARE	60.67
BILL PAY	6/25/2024	HOME DEPOT	PARTS & HARDWARE	39.88
25716	6/4/2024	WAGNER WELDING SUPPLY CO.	LABORATORY SUPPLIES	16.52
25739	6/25/2024	WAGNER WELDING SUPPLY CO.	LABORATORY SUPPLIES	9.61
25726	6/18/2024	REPUBLIC SERVICES	void: trash removal	
	DTAL:			\$1,056,204.54

### CARTER LAKE FILTER PLANT Check Register As of June 30, 2024

<u>Num</u>	<u>Date</u>	<u>Name</u>	Memo	Amount
DIRECT DEPOSIT	6/14/2024	DIRECT DEPOSIT	PAYROLL PERIOD 5/31/24-6/13/24	\$31,457.79
DIRECT DEPOSIT	6/28/2024	DIRECT DEPOSIT	PAYROLL PERIOD 6/14/24-6/27/24	\$31,457.80
DIRECT DEPOSIT	6/28/2024	LIND, ALBERT L	BOARD MEMBER REIMBURSEMENT	\$152.65
25731	6/28/2024	STROHAUER, KATIE	BOARD MEMBER REIMBURSEMENT	\$136.57
DIRECT DEPOSIT	6/28/2024	MEINING, T. SCOTT	BOARD MEMBER REIMBURSEMENT	\$132.55
DIRECT DEPOSIT	6/28/2024	BRANDENBURG, STEVEN	BOARD MEMBER REIMBURSEMENT	\$108.43
DIRECT DEPOSIT	6/29/2024	HEILAND, RYAN	BOARD MEMBER REIMBURSEMENT	\$100.39
DIRECT DEPOSIT	6/30/2024	BRANDT, LARRY	BOARD MEMBER REIMBURSEMENT	\$24.51
ACH PAYMENT	6/14/2024	FEDERAL PR TAX	PAYROLL TAXES	\$10,317.44
ACH PAYMENT	6/28/2024	FEDERAL PR TAX	PAYROLL TAXES	\$10,509.22
ACH PAYMENT	6/7/2024	COLORADO WITHHOLDING TAXES	PAYROLL TAXES	\$5,296.00
25740	6/25/2024	LINCOLN NATIONAL LIFE	457 CONTRIBUTION	\$5,016.44
PAYROLL TOTAL				\$94,709.79
TOTAL EXPENSES				\$1,150,914.33

## Deposit Summary As of June 30, 2024

Num	Date	Name	Memo	Deposits
101000 · CASHBAN	K ACCOUNT			
DIRECT DEPOSIT	6/10/2024	CWCWD	WATER, CAPITAL PROJECTS, DRY CREEK ELEC	\$456,554.59
DIRECT DEPOSIT	6/13/2024	LTWD	WATER, CAPITAL PROJECTS, DRY CREEK ELEC	\$421,760.22
CASH	6/25/2024		SALE OF 1997 FORD	\$2,500.00
DIRECT DEPOSIT	6/26/2024	CWCWD	CAPITAL PROJECTS, DRY CREEK ELECTRICITY	\$7,175.60
DIRECT DEPOSIT	6/27/2024	LTWD	CAPITAL PROJECTS, DRY CREEK ELECTRICITY	\$369,143.17
DIRECT DEPOSIT	6/28/2024	CWCWD	CAPITAL PROJECTS	\$129,124.57
DIRECT DEPOSIT	6/28/2024	CWCWD	CAPITAL PROJECTS	\$232,843.00
	6/30/2024	INDEPENDENT FINANCIAL	INTEREST INCOME	\$574.97
CHECKING TOTAL:				\$1,619,676.12
Num	<u>Date</u>	<u>Name</u>	Memo	<u>Deposits</u>
105000 · COLOTRU	ist savings			
	6/30/2024	COLOTRUST	INTEREST INCOME	\$98.25
SAVINGS TOTAL:				\$98.25

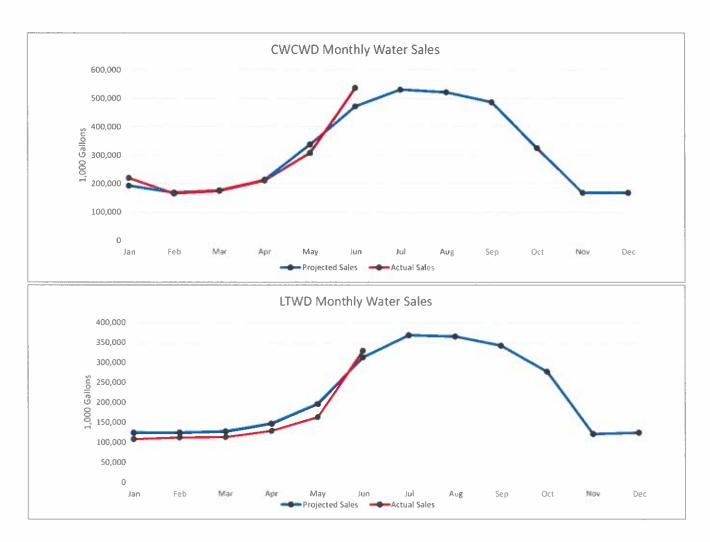
## Carter Lake Filter Plant Credit Card Purchases

VISA - June Statement						
Date of Purchase	Vendor Name	<u>ltem(s)</u>	<u>Memo</u>	Cost		
4/4	PIRATE SHIP	SHIPPING FEES		\$4.28		
5/7	PIRATE SHIP	SHIPPING FEES		\$39.10		
5/8	KING SOOPERS	BOARD MEETING	SNACKS	\$26.77		
5/20	AWARDS UNLIMITED	NAME PLATES	BOARD PLAQUE	\$14.00		
5/22	PIRATE SHIP	SHIPPING FEES		\$5.46		
5/22	PIRATE SHIP	SHIPPING FEES		\$6.00		
	<u> </u>					
		;	Total	\$ 95.61		

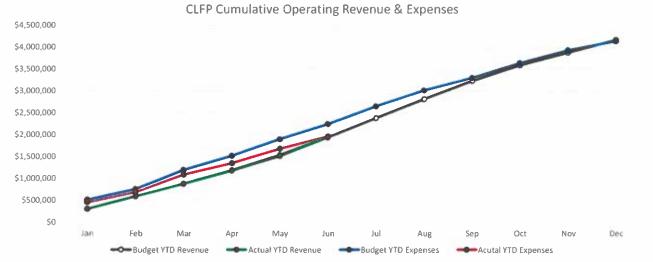
	Home Depot - May State	ment	
Date of Purchase	<u>Item(s)</u>	<u>Memo</u>	Cost
4/29	HONEYWELL THERMOSTAT		\$ 39.88
		<u>Tota</u>	<u>l</u> \$ 39.8

		Carter	Lake Filter	Plant Operat	ions Fund Su	ımmary - 2024	4	
	Water Sales (1,000 Gallons)		Dollars Billed		Expenses		Net Gain / Loss	
Month	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Jan	315,909	327,431	\$295,818	\$298,583	\$505,904	\$452,557	(\$210,086)	(\$153,974)
Feb	292,212	276,303	\$290,131	\$286,313	\$245,329	\$231,870	\$44,802	\$54,442
Mar	302,996	287,007	\$292,719	\$288,882	<b>\$</b> 440,016	\$400,852	(\$147,297)	(\$111,970)
Apr	360,030	338,995	\$306,407	\$301,359	\$324,317	\$262,155	(\$17,910)	\$39,204
May	533,461	470,703	\$348,031	\$332,969	\$380,297	\$330,149	(\$32,266)	\$2,820
Jun	784,730	866,284	\$408,335	\$427,908	\$344,141	\$279,478	\$64,194	\$148,430
Jul	0	0	\$0	<b>\$</b> 0	<b>\$</b> 0	\$0	\$0	\$0
Aug	0	0	\$0	\$0	\$0	\$0	\$0	<b>\$</b> 0
Sep	0	0	\$0	\$0	<b>\$</b> 0	\$0	\$0	\$0
Oct	0	0	\$0	\$0	\$0	\$0	\$0	<b>\$</b> 0
Nov	0	0	\$0	<b>\$</b> 0	\$0	\$0	\$0	\$0
Dec	0	0	\$0	\$0	\$0	\$0	\$0	\$0
YTD Total	2,589,337	2,566,722	\$1,941,441	\$1,936,013	\$2,240,004	\$1,957,061	(\$298,563)	(\$21,048)









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## Carter Lake Filter Plant Actual Usage and Billing - 2024

				Little	e Thompson	Water Distric	et .		
		Wat	er (1,000 Galle	ons)		Doll	ars	Dol	lars
Month	Actual Sales	Acutal Sales YTD	Actual Billed	Actual Billed YTD	Actual Credit Bal YTD	Fixed Rate Charges	Variable Rate Charges	Actual Dollars Billed	Actual Dollars Billed YTD
Jan	107,725	107,725	107,725	107,725	- 0	\$110,000,00	\$25,853.95	\$135,853.95	\$1,35,853.95
Feb	111,903	219,627	111,903	219,627	0	\$110,000.00	\$26,856.61	\$136,856.61	\$272,710.56
Mar	113,081	332,708	113,081	332,708	-0	\$110,000.00	\$27,139.35	\$137,139.35	\$409,849.92
Apr	128,479	461,187	128,479	461,187	- 0	\$110,000.00	\$30,834.94	\$140,834.94	\$550,684.86
May	162,863	624,050	162,863	624,050		\$110,000.00	\$39,087.19	\$149,087.19	\$699,772.04
Jun	329,188	953,238	329,188	953,238	0	\$110,000.00	\$79,005.07	\$189,005.07	\$888,777.12
Jul	0	0	0	0	. 0	\$0.00	\$0.00	\$0.00	\$0.00
Aug	0	0	0	-0	0	\$0.00	\$0.00	\$0.00	\$0.00
Sep	- 0	- 0	0	= 0		\$0.00	\$0.00	\$0.00	\$0.00
Oct	0	0	0	0	0	\$0.00	\$0,00	\$0.00	\$0.00
Nov	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Dec	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Total	953,238		953,238			\$660,000.00	\$228,777.12	\$888,777.12	·

				Centra	l Weld Coun	ity Water Dist	rict		
	Q	Wat	er (1,000 Galk	ons)		Dol	ars	Dol	lars
Month	Actual Sales	Acutal Sales YTD	Actual Billed	Actual Billed YTD	Actual Credit Bal YTD	Fixed Rate Charges	Variable Rate Charges	Actual Dollars Billed	Actual Dollars Billed YTD
Jan	219,706	219,706	219,706	219,706	0	\$110,000.00	\$52,729.49	\$162,729.49	\$162,729.49
Feb	164,400	384,106	164,400	384,106	0	\$110,000.00	\$39,456.01	\$149,456.01	\$312,185.50
Mar	173,926	558,032	173,926	558,032	0	\$110,000.00	\$41,742.25	\$151,742.25	\$463,927.75
Apr	210,516	768,548	210,516	768,548	0	\$110,000.00	\$50,523.74	\$160,523.74	\$624,451.49
May	307,840	1,076,388	307,840	1,076,388	0	\$110,000.00	\$73,881.56	\$183,881.56	\$808,333.05
Jun	537,096	1,613,484	537,096	L,613,484	0	\$110,000.00	\$128,903.01	\$238,903.01	\$1,047,236.06
Jul	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Aug	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Sep	- 0	- ()	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Oct	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Nov	0	- 0	0	O	0	\$0.00	\$0.00	\$0.00	\$0.00
Dec	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Total	1,613,484		1,613,484			\$660,000.00	\$387,236.06	\$1,047,236.06	



## Memorandum

July 3, 2024

**Board of Directors** 

To: Carter Lake Filter Plant From: Josh Cook, P.E.

Subject: Engineer's Report

### Projects:

## **Dry Creek Pump Station**



• We had startup and had an issue with the pump motor having some strange sounds.

Attn:

Date:

- The motor was removed and sent to the shop and we found no issues with the motor. We then looked at the settings on the VFD and changed some of the settings. The settings modifications seemed to decrease the sounds along with the amp draw on the pump.
- Once the dry creek line is fixed we will run the pump and measure the amp draw. If everything looks good we are able to run the new pump.
- We are going to install an HMI on the VFD control panel which should only take a couple of hours.
- The pumps are capable of pumping .45 MGD to ~1.6 MGD. This a little large range then design but will work better.

#### Pretreatment

- The subcontractors are hard at work. Electrical is working on power supply and lighting, the
  architect is finishing up the filter building design, the structural is working on the floors of the
  Filter Building.
- Working on the Request for Qualification document to prequalify contractors.
- Working on identify electrical packages for early procurement.
  - Will need a space to store electrical equipment in a controlled environment.
- AWC is manufacturing several of the DAF components. We are expecting a large invoice next month.
- See attachment for schedule.
- We have a tour at Bellvue WTP to look at electrical and architectural features. This is newly constructed facility.

#### **North Plant**

• Completed the design for the mechanical ventilation for the North Plant. We are awaiting a cost for the materials and installation of the equipment.

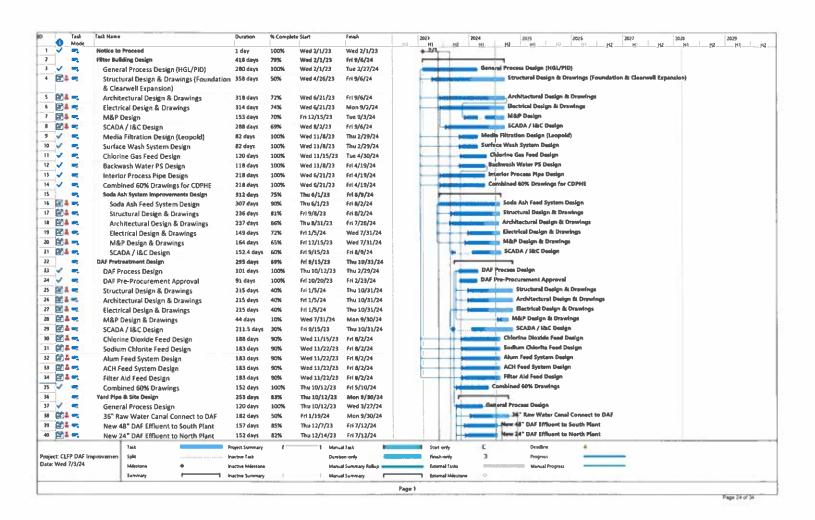
• Contractor is working on getting materials for the North Plant Piping modifications. We are waiting on a schedule for the work and anticipate work starting in November of 2024

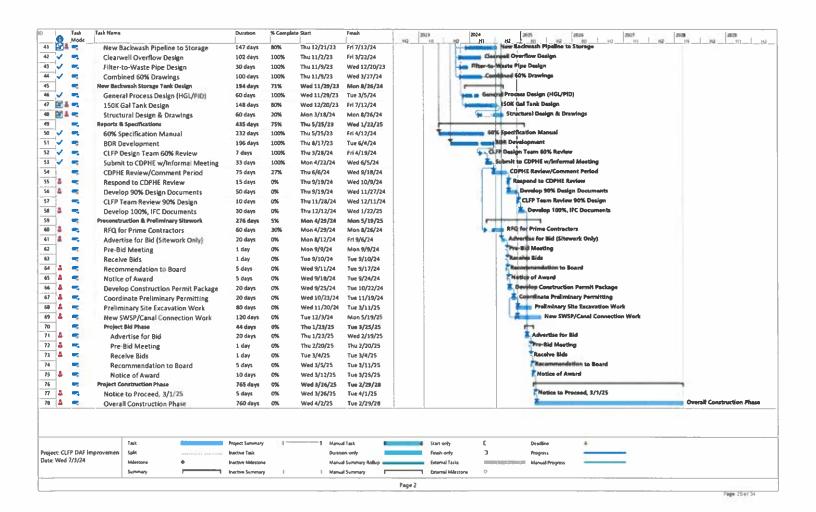
#### Seven Million Gallon Tank

We had a meeting with Connell. They are starting on July 29 for the exterior of the tank. Once
they are complete with the exterior work we are going to have a meeting to talk about the interior
of the tank. The concept is to get as much work done prior to having a discussion on the interior
of the tank.

Page









## **Carter Lake Filter Plant**

### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 6.1** 

**SUBJECT: Project Update** 

STAFF: Darrell Larson, Plant Superintendent

**ACTION REQUEST**: None, information item

Pre-Treatment/Plant Expansion Project- Status Quo-Awaiting BDR approval from CDPHE.

Scada Upgrade- Upgrade in progress. LSI is working on trending and scada screen issues.

Plant House Upgrades- I'm in the process of obtaining more quotes.

**Dry Creek-** New pump startup was initiated on Monday 6/24/24. During startup there was a problem with the motor. Possibly a seized upper motor bearing. The motor has been pulled and sent to a motor shop for warranty repair.

**End of Report** 



### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 7** 

**SUBJECT: June Operations and Maintenance Report** 

**STAFF**: Bryan Beberniss, Chief Operator

**ACTION REQUEST:** None, informational item

### Carter Lake Reservoir

• The Lake level as of 6/30/2024 was ~103,200 acre-ft. It looks like the lake was filling until June 27<sup>th</sup> and now the level is declining. (information provided by northernwater.org)

#### Flows

• The average daily demand for June was 27.9MGD, up from 14.7 MGD in 2023.

### **North Plant**

- We received 3 more totes of Avista Clean L0381. We will use it on an as needed basis.
- We have ordered a new vibrator for the Soda Ash system
- The old north recycle pumps have been converted to irrigation pumps and are working very well. We set up two reels and are rotating irrigation between two fields.

#### South Plant

- Kit from Backflow Tech made a repair to the main backflow device.
- We have hauled several dump truck loads of sludge to clean out the middle and south drying beds.

## **Dry Creek**

- Solitude Lake Management was pleased with the results from the first treatment and are scheduled to perform the second treatment in early July.
- We started pumping Dry Creek with one of the large pumps at a rate of 2.2 MGD on June 26th, we ran for 8 hours and was informed by Northern Water of a leak in the pipeline. The pump was shut down until the pipeline can be repaired.

End of Report

#### **CLFP Membrane Module Flow Testing**

Date: June 27, 2024

Rick Whittet, CWP

Introduction – The purpose of the testing presented is to demonstrate the flow capacity of the Dupont Memcor submerged membrane modules installed in the Carter Lake North Membrane Plant. The Plant Operators have observed since installation of the S10N modules that the membranes require more frequent clean-in-place (CIP) washing to remove foulants that are not removed during the backwashing process. In addition, the membranes produce less water volume than prior installations of membranes in the Plant which has resulted in reduced production capacity at the facility. The primary reason for the increased frequency of CIP and reduced production capacity is due to the membrane surface area. The S10N module has a nominal surface area of 249 ft.², while the S10N v2 module has a surface area of 302 ft.²

Modules - Two primary cells were selected for testing, Primary Cell #1 is equipped with Memcor S10N Membrane Filtration Modules which were installed in March 2022. Primary Cell #6 is equipped with Memcor S10N v2 Membrane Filtration Modules installed in May 2024.

Operating Parameters - The modules were tested under the current chemical dosing regimen, no modifications to chemical feeds were made for the test. The flow setpoint for both Cells were set to the design rated capacity of 5 million gallons per day (mgd).

Water Quality - The average raw water readings for the testing period are shown below:

	Turbidity	ρΗ	тос
Avg:	1.0 ntu	7.3 su	4.0 mg/L

**Test Observations** – Production through Cell 1 decreased each day until the cell was taken out of service for a clean in place wash. Production through Cell 6 was consistent each day. On day 7 of operation, Cell 1 shutdown on a high transmembrane pressure (TMP) alarm and required a CIP to prevent damage to the modules. A CIP was performed on Cell 6 on June 27<sup>th</sup> to maintain the wash schedule. Cell 6 could have continued to produce water. I estimate Cell 6 could have produced 30 MGD or greater at maximum flow before CIP. Water quality from both cells was consistently of a high quality with an average effluent turbidity of 0.01 ntu.

Summary – The S10N v2 modules outperformed the S10N modules in volume of water produced on average by 1.3 mgd at design flow rates. If the S10N v2 modules were installed in Primary Cells 1-5 and in Secondary Cells 1-2, we would expect an additional production capacity of 7.6 mgd, detailed on the next page.

## **Volume Produced During Test**

Date	Cell 1 Daily Flow	Notes
	MG	
6/19/24	4.0	began test on Cell 1
6/20/24	3.6	
6/21/24	3.3	
6/22/24	3.0	
6/23/24	2.9	
6/24/24	2.8	
6/25/24	2.6	
6/26/24	-	CIP
Min	2.6	
Max	4.0	
Avg	3.2	
Total	22.2	

Date	Cell 6 Daily Flow	Notes
	MG	
6/22/24	4.5	began test on Cell 6
6/23/24	4.5	
6/24/24	4.5	
6/25/24	4.5	
6/26/24	4.5	
6/27/24	-	CIP
Min	4.5	
Max	4.5	
Avg	4.5	
Total	22.5	

## Flow Capacity per Cell (million gallons per day)

	Existing	S10N v2
Cell 1	3.2	4.5
Cell 2	3.2	4.5
Cell 3	3.2	4.5
Cell 4	3.2	4.5
Cell 5	3.2	4.5
Cell 6	4.5	4.5
Sec. Cell 1	1.0	1.5
Sec Cell 2	1.0	1.5
Total	22.4	30.0

Page | 2

## Membrane Module Replacement Budgetary Pricing and Lead Times

Item Name	Item#	Quantity	Price per unit	Sub-Total
S10N v2 module	12038596	3,132	\$1,000.00	\$3,132,000.00
Freight (modules)				\$18,000.00
Manifold, Clover Top	12038845	918	\$ 50.00	\$45,900.00
Manifold, Clover Bottom	12037192	918	\$ 50.00	\$45,900.00
Valve Assembly	12037880	918	\$ 120.00	\$110,160.00
Freight (parts)				\$500.00
	_		_	
Total	_		-	\$ 3,352,460.00

## **Lead Time**

18 weeks to manufacture

## **Shipping Time**

Air 2 weeks
Sea 6 weeks
Customs 4 weeks



## **Carter Lake Filter Plant**

## **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 8** 

SUBJECT: June 2024 Water Quality Report

**STAFF**: Justin Kane – Lead-Shift Operator

**ACTION REQUEST:** None, informational item.

		er Quality Su vithin accepta	-	;	
Test Parameter/Sample Location	Units of Measure	CLFP Goal	Average of Results		Regulated Level (MCL)
			Avg.	Low	
Free Chlorine – Mariana Pumphouse	mg/L	1.1	1.1	1.0	0.2 - 4.0
Free Chlorine – 7 MG Tank	mg/L	1.1	1.2	1.0	0.2 - 4.0
pH – Mariana Pumphouse	su	7.4		7.4	тт
pH – 7 MG Tank	su	7.4		7.4	π
Fluoride – North Plant Clearwell	mg/L	0.8	0	.70	4
Fluoride – 7 MG Tank	mg/l	0.8	0	.70	4
Orthophosphate – Mariana Pumphouse	mg/L	0.2	0	.20	n/a
Orthophosphate – 7 MG Tank	mg/L	0.2	0	.20	n/a
TOC – North Plant CFE	mg/L	< 2.0	1	.97	n/a
TOC – South Plant Clearwell	mg/L	< 2.0	1	.94	n/a
Chlorite – North Plant Clearwell	mg/L	< 0.5	0	.30	1.0 mg/L
Chlorite – 7 MG Tank	mg/L	< 0.5	0	.30	1.0 mg/L
Chlorine Dioxide – North Plant Clearwell	mg/L	n/a		D.O	0.8 mg/L
Chlorine Dioxide – 7 MG Tank	mg/L	n/a	(	D.O	0.8 mg/L
Combined Temperature	°F	n/a		51	n/a

**End of Report** 



#### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 9** 

**SUBJECT: Manager's Notes** 

STAFF: Rick Whittet, Plant Manager

**ACTION REQUEST**: None, informational item.

**Safety Training** – Office Ergonomics and Office Safety Training was provided by Joe Haralson of Safety Services on June 10<sup>th</sup>.

Job Openings – At last month's meeting, the Board approved two full-time Operator Assistant positions. The jobs were posted on Indeed.com, Awwa.org, and Facebook on June 13<sup>th</sup>. We received many applications and are scheduling interviews to begin the week of July 1<sup>st</sup>.

**Beneficial Use Inspection –** Michael Bankoff of the Solid Waste and Materials Management Unit of CDPHE performed a compliance inspection of the facilities on June 19<sup>th</sup>. I have attached the inspection report on the next page for your information. There were no violations.

Mr. Bankoff notified me that we need to update the Beneficial Use Plan by the end of 2024. Specifically, the following items to be updated:

- 1. Monitoring language To include water testing plan for the beneficial use of irrigation water.
- 2. Stockpile volumes Quantify the amount of stockpiled sludge on site.
- 3. We discussed using sludge residuals onsite as part of the DAF/Plant Expansion project. A plan will need to be developed and proposed.

**Financial Audit** – We received a quote from Adam's Group to perform the 2024 Annual Audit. They included pricing for future years as well. Quote to be sent under separate attachment to the Board.

**End of Report** 



Hazardous Materials and Waste Management Division Colorado Department of Public Health and Environment 4300 Cherry Creek Drive S, HMWMD-B2, Denver, CO 80246 www.colorado.gov/cdphe/solidwaste | (303) 692-3320

## Solid Waste and Materials Management Program Notice of Inspection

Notice of	Inspection	
Facility name	Facility ID	Date
Carter Lake Filter Plant		6/19/24
City County Zip	Inspection announced?  X Yes O No	Time in
City County Zip	Enter by: 🕱 Consent	Time out
Berthoud Lariner 80513	O Warrant O Open fields	12 pm
Rick Whithet	Phone 970-532-3624	Email r. LE &
Local government representatives	Phone	elfpwater.org
***************************************	THORE	Elliall
A CONTRACTOR OF THE PROPERTY O	mpliance assistance delive	red:
♥ No violations observed	Yes O No; If yes, describe:	
	end to splite Baneli	
O Major violations identified	end of 2224 6-	leader were
Apparent violations and requested corrective a		y car.
Please update Beneficial Use	9/	
- Mandaling language		
- stockpile volume		
- proposed inside reuse	+ (()) 3415	
nspection type:		
O Complaint	O Favirence telescope	
Routine compliance inspection	O Environmental covenant O File/records review	
O Compliance assistance visit	O Sampling	
O Enforcement follow-up		
Signature of facility representative receiving form:	Lead CDPHE inspector:	11 05
- a whatt	M. Bak A 71	Bhl
Name of facility official receiving form:	Assisting inspectors:	40-
Real White		

White copy to file
I: \SW\Forms\Solid Waste NOI Form - FINAL -2021-02-08

Yellow copy to Facility

	Page 1 of :
Inspection date:	6/17/24
Time in:	Hum
Time out:	1200

## Beneficial Use Inspection Checklist

Functional category	Requirement description	Citation	Violation N/Y/P/NA/NI	Note reference
Record review			I and a second	
Fees	Fees	1.7.2	NA (select)	
Recycling accumulation	Minimum material turnover	8.5.5(D); 8.6.2(B)	p (select)	
Reporting and	Annual report	8.5.6; 8.6.8	√ (select)	
recordkeeping	Onsite records	8.5.6(C); 8.6.8(C)	N (select)	
Site review	Constitution in considerate with Continue	100010		
General provisions	Operating in accordance with Section 8	1.3.3, 8.1.3	N (select)	
Nuisance conditions control	Prevent groundwater contamination	8.1.3(B); 8.6.2(A); 8.6.7(B)	N (select)	
	Prevent offsite odors	8.1.3(B)	N	
Operating	Waste characterization	8.6.5	N	
requirements	Re-characterization	8.6.5(D)	N (select)	
	Department notification and characterization prior to use	8.6.5(E)(1)	N (select)	
	Performance standards	8.6.2(D); 8.6.2(E); 8.6.4	N (select)	
	Recyclable materials storage	8.1.3(B); 8.6.2(A)	N	
Closure/Post-closure	Closure notification and removal of wastes	8.6.2(F)	N	
omments and defic	tiency requests:	Note/regula	tion reference #,	request dat

White copy to file

Yellow copy to facility

X:\Shared drives\SWMMP\SW Inspection Forms etc\SW Inspection Forms (staff)\Beneficial Use Inspection Checklist - FINAL - 2021-02-08

## **CARTER LAKE FILTER PLANT**

## COST PROPOSAL – PROFESSIONAL SERVICES ANNUAL AUDIT OF FINANCIALS

Submitted by
The Adams Group, LLC
6000 Greenwood Plaza Blvd. Ste. 115
Greenwood Village, Colorado 80111

Contact

Eric Miller, CPA, Partner (eric@tagcpaco.com)



June 11, 2024

Lisa Everson, Office Manager Carter Lake Filter Plant 7100 W. County Road 8e Berthoud, Colorado 80513

We are very pleased to have this opportunity to submit our proposal to serve as independent auditors for the Carter Lake Filter Plant (the Organization). The Adams Group, LLC strongly believes that we are the best firm to serve the Organization and hope this proposal expresses our qualifications and desire to build a professional relationship. The enclosed proposal outlines a background of The Adams Group, LLC along with our cost proposal to be the independent auditors of the Organization for the year ended December 31, 2024 as well as the four subsequent fiscal years. We are:

#### Committed to Excellence

You can count on a team of professionals dedicated to providing you with superior financial services and government experience. We have the business experience and technical abilities to meet the needs of the Organization.

### Responsive and Timely

Compared to other regional CPA firms, we have a relatively small, but experienced team. This allows us to be nimble with timely responses to your questions and provide a quick turnaround on all deliverables to meet the Organization's deadlines. We are available immediately upon selection as the external auditors to begin working with the Organization.

#### **Committed to Your Success**

Our mission is to be not only your service provider but also your professional advisor. Our relationship with the Organization extends beyond the annual audit as we will make ourselves available throughout the fiscal year to address any Organization needs or questions. We are dedicated to cultivating in-depth knowledge of the Organization.

The following pages outline a brief description of The Adams Group, LLC as well as a proposed cost for the audit services. We are excited about the prospect of partnering with the Organization and look forward to hearing from you soon.

Sincerely,

Eric Miller, CPA, Partner The Adams Group, LLC

Ein Milla

## CONTENTS

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Firm History and Profile	1	
Firm Qualifications and Experience	1	
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Fee Schedule for 2024 and Four Subsequent Years	3	
Independence and License to Practice in Colorado	4	

### FIRM HISTORY AND PROFILE

### Organization and structure

We are a local CPA firm founded in 1965 by two individuals who are committed to providing superior accounting, auditing, and consulting services for governmental entities, not-for-profit organizations, and small businesses in the state of Colorado. We anticipate that the staff on this engagement will include an audit partner(s), one manager, and a quality control reviewer.

### Management style

We believe what sets The Adams Group, LLC apart from other accounting firms, both large and small, is the active participation in all audits by the partner and managers, not just in the planning stages and final report presentation, but throughout all phases of the audit. We foster a team atmosphere among all members of the audit staff and also between our audit and administrative staff. We have been able to minimize our number of staff involved with each client through computerization; we use specialized auditing software on our portable computers in the field and have other software applications available for our use in order to increase efficiencies. The priority of all members of the team is to provide quality service to our clients and be well trained in our clients' industries.

The Adams Group, LLC performs approximately 110 certified audits per year. These include cities, counties, and governmental special districts (authorities, fire districts, and water and sanitation districts). We also assist local governments, in closing their accounting records and preparing their financial statements. Other entities served include not-for-profit entities (voluntary health and welfare organizations, community services, nursing homes, missionary organizations, and churches), HUD projects, and employee benefit plans.

The Adams Group, LLC provides a regional firm feel with big firm experience. Senior members of the proposed engagement team have top 10 CPA firm experience, specific to governmental entities like the Organization. You will work with professionals who understand your organization and your industry.

## FIRM QUALIFICATIONS AND EXPERIENCE

The Adams Group, LLC is located in Greenwood Village, Colorado and all staffing for the engagement would be provided out of this location. Our firm consists of eight staff: seven professional staff including four partners, and one administrative staff.

The individuals assigned to the Organization's engagement have extensive experience auditing local government entities like the Organization. As a result, we understand the environment in which the Organization operates and the accounting and local government regulations the Organization is required to follow. We are committed to quality and providing quality service to all our clients.

We strive for providing an efficient audit and gaining an understanding of the Organization's operations. It is our responsibility to learn the Organization's operations and coupled with our industry experience knowledge, alleviates the Organization from having to train our staff throughout the course of the engagement.

The Adams Group, LLC is not a joint venture or consortium.

We have not had any federal or state reviews of our audits within the last three years. There have been no disciplinary actions by state regulatory or professional organizations against the firm or any members of the firm within the last three years.

### PARTNER, SUPERVISORY AND STAFF QUALIFICATIONS AND EXPERIENCE

The proposed staff for the Organization's engagement will include the following people:

Eric Miller	Engagement Partner
Kevin Kimball	Partner
Elliott Moery	Manager
Ryan Graham	Quality Control Reviewer



Eric Miller came to The Adams Group, LLC in August 2020 after spending his first 10 years at a top-ten public accounting firm where he worked exclusively with state and local governments. Eric's expertise includes financial and single audits over cities and towns, counties, school districts, state departments and various special districts. His experience includes working with local governments such as Little Thompson Water District, Central Weld County Water District, Northern Water Conservancy District, United Water and Sanitation District and many other governmental entities. Eric will serve as the audit partner and will be directly involved with the audit fieldwork as well as managing the timeline expectations of the Organization. He will be involved with the day-to-day operations of the audit and will work closely with the engagement staff as well as the Organization's management team. Eric is a member of the Colorado Society of CPAs, American Institute of CPAs and is licensed to practice in the State of Colorado.



Kevin came to the firm in 2021 having previously worked at a top-ten public accounting firm for 7 years, where he worked exclusively with state and local governments and non-profit entities. His experience includes working with municipalities, water districts, metropolitan districts, and other governmental entities. Kevin will be involved with the day-to-day operations of the audit and will work closely with Eric. Kevin is a member of the Colorado Society of CPAs, American Institute of CPAs and is licensed to practice in the State of Colorado.



Elliott Moery has been with the firm for five years working on audits within the governmental industry as well as other industries. Elliot's past government audit experience includes engagements with Little Thompson Water District, Roxborough Water and Sanitation District, Inter-Canyon Fire Protection District, and many other governmental entities. Elliott is a member of the Colorado Society of CPAs, American Institute of CPAs and is licensed to practice in the State of Colorado.



Ryan Graham came to the firm in 2019 having previously worked at a top-ten public accounting firm for eleven years where he served as a resource for the western region assurance group. Ryan will provide an independent review of the engagement in order to verify quality and ensure that the audit meets all appropriate accounting and auditing standards. Ryan is a member of the Colorado Society of CPAs, American Institute of CPAs and is licensed to practice in the State of Colorado.

With The Adams Group, LLC, you can be assured that all individuals assigned to your engagement are licensed CPAs in the state of Colorado. While other firms may utilize Associate level staff to perform audit test work, with The Adams Group, LLC, your audit team consists of Partners and Managers with over 10 years of top 10 accounting firm experience. Due to the consistency of personnel employed, we are able to assign the same staff to a particular engagement each year. This not only improves the efficiency of the audit but enhances our ongoing communications with the Organization and enables us to provide more valuable input into your specific issues and concerns.

## FEE SCHEDULE FOR 2024 AND EACH SUBSEQUENT FOUR YEARS

	Hours	Standard Hourly Rates	Quoted Hourly Rates	Totals	
Partners	20	\$275	\$275	\$	5,500
Managers	35	\$250	\$250		8,750
Total all-inclusive maxium	price for the 2024 audit			\$	14,250
Total all-inclusive maxium	price for the 2025 audit			\$	14,700
Total all-inclusive maxium price for the 2026 audit					15,150
Total all-inclusive maxium	price for the 2027 audit			\$	15,625
Total all-inclusive maxium	price for the 2028 audit			\$	16,150

If The Adams Group, LLC is selected, we understand the learning curve encountered in the first year. It is our belief the Organization should not incur additional fees due to us gaining an understanding of the Organization's operations.

The fee outlined above is the all-inclusive fee for financial statement audit only. While a single audit under the Uniform Grant Guidance is not expected, if a single audit is required, we will discuss with management prior to beginning any work related to a single audit under the Uniform Grant Guidance. In addition, the all-inclusive amount outlined includes the all-inclusive amount for the financial audit and drafting of the Organization's financial statements.

## MANNER OF PAYMENT

The Adams Group, LLC will bill the Organization monthly based on number of hours worked as work progresses for each fiscal year outlined.

## **INDEPENDENCE**

The Adams Group, LLC is independent of the Organization. We also meet the independence requirements of the Government Auditing Standards, published by the United States General Accounting Office. We have no potential conflict of interest relative to the Organization. In addition, The Adams Group, LLC is independent of all entities included within this proposal.

## LICENSE TO PRACTICE IN COLORADO

The Adams Group, LLC is licensed to practice as a certified public accounting firm in the state of Colorado. All members of the proposed engagement team are licensed to practice as Certified Public Accountants in the state of Colorado.

We do not have a record of substandard audit work and we meet all specific requirements imposed by state or local law and rules and regulations.



### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 5** 

**SUBJECT: May Financial Review** 

STAFF: Rick Whittet, Plant Manager & Lisa Everson, Office Manager

**ACTION REQUEST:** Approval of May Financials

### • Review of May Financials:

- The monthly operations revenue was \$332,969 which is \$15,062 less than budgeted.
- The monthly total expenses were \$330,149 which is \$50,148 less than budgeted.

### • Large Payment Approvals:

- ACH approval for Municipal Treatment Equipment invoice for the North Plant Valve Replacement Project in the amount of \$109,548.67
- International Wire Transfer for AWC Water Solutions for PreTreatment Construction in the amount of \$231,525.00
- Large check for Filmtec for the N Plant Membranes in the amount of \$481,000.00



### Memorandum

To: Carter Lake Filter Plant Attn: Board of Directors From: Josh Cook, P.E. Date: June 6, 2024

Subject: Engineer's Report

### **Projects:**

### **Dry Creek Pump Station**



- The pump has shipped and we are waiting for arrival. We are hoping it will be here the week of June 10.
- We completed a mock start-up and there were a few minor issues that have been resolved. The
  only items left for start-up are the pump and the pump control valve.

### Pretreatment

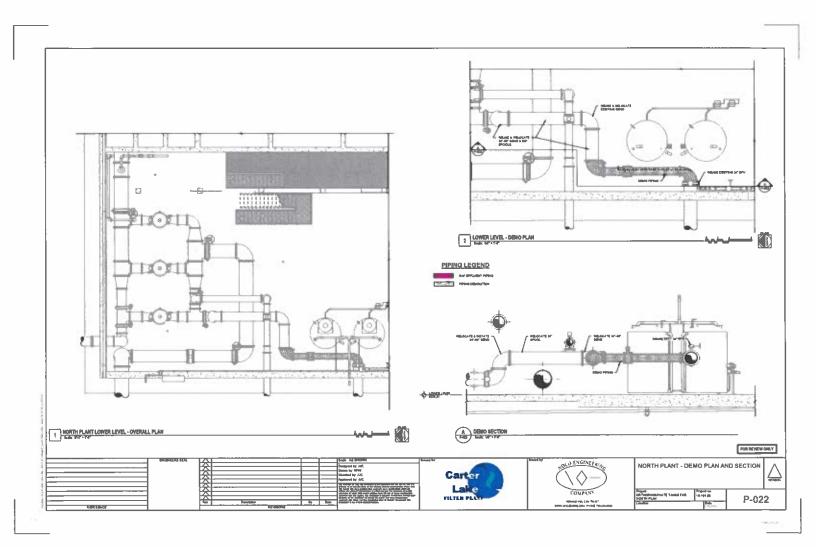
- The subcontractors are hard at work. Electrical is working on power supply and lighting, the architect is finishing up the filter building design, the structural is working on the floors of the Filter Building.
- The Basis of Design Report is complete and turned into the State.
- Working on yard piping and some changes to interior piping at the DAF building.
- AWC is manufacturing several of the DAF components.
- See attachment for schedule.
- Completed the piping modifications at the North Plant. We have received a price for the work which is attached.

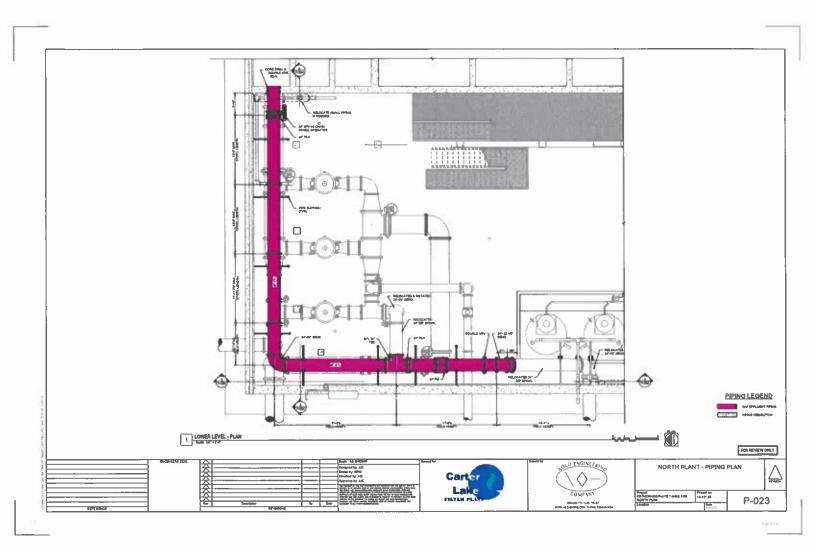
### **North Plant**

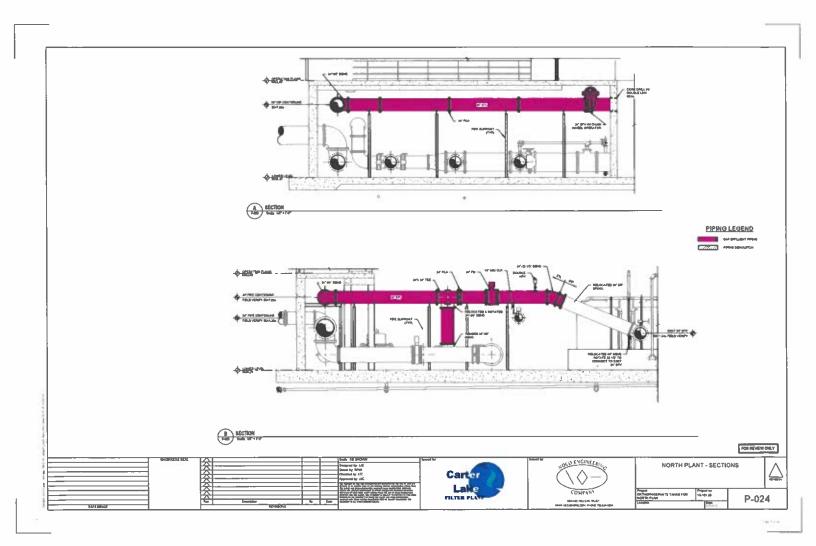
• Completed the design for the mechanical ventilation for the North Plant. We are awaiting a cost for the materials and installation of the equipment.

### Seven Million Gallon Tank

- We have a meeting set up with Connell to go over the painting issues.
- They are supposed to start work on June 29 for the exterior painting issues.







### **WESCO**

Quotation

**Construction and Services** 

DATE May 10, 2024

CLFP Change Order

Quotation #

Pipe Expansion

750 E State Highway 56 Berthoud, CO 80513 970-219-6464 joe@wescocs.com

Quotation valid until: June 9, 2024

Prepared by:

Joe Schuetz

Carter Lake Filter Plant

Rick Whittet 970-532-3624

Quoted To:

Comments or special instructions: This quote pertains to a change order, per customer, related to installing 24" steel fabricated piping in the North Plant DAF Effluent Piping. Pipping will be supported by 9 pipe supports. Wesco will install a 24" Bray butterfly valve w/ chain operator. Existing flow meter will be relocated into new piping with new electrical install. Installation is anticipated to take 8-10 weeks.

### **Exclusions:**

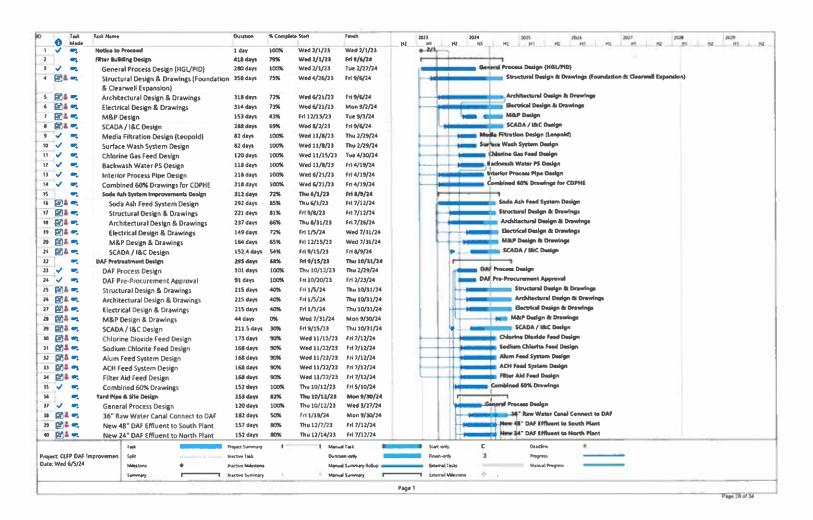
Description	AMOUNT
Labor	\$ 106,068.29
Equipment- Job Trailer, Truck, Crane, Scissor Lift, Roustabout, Scaffolding, Chain Falls, Winch	\$ 64,516.05
Valves and Fittings- FCA's, Butterfly Valve, Gaskets, Link Seal	\$ 24,636.81
Hardware Package- Bolt Kits, All Thread, Macro Poxy	\$ 10,545.19
Pipe Package	\$ 88,952.50
Pipe Supports- Custom Supports, Anchors, Custom U-Bolts, Grout	\$ 24,966.29
Electrician	\$ 3,145.00
15% Markup	\$ 56,970.02
TOTAL	\$ 379,800.15

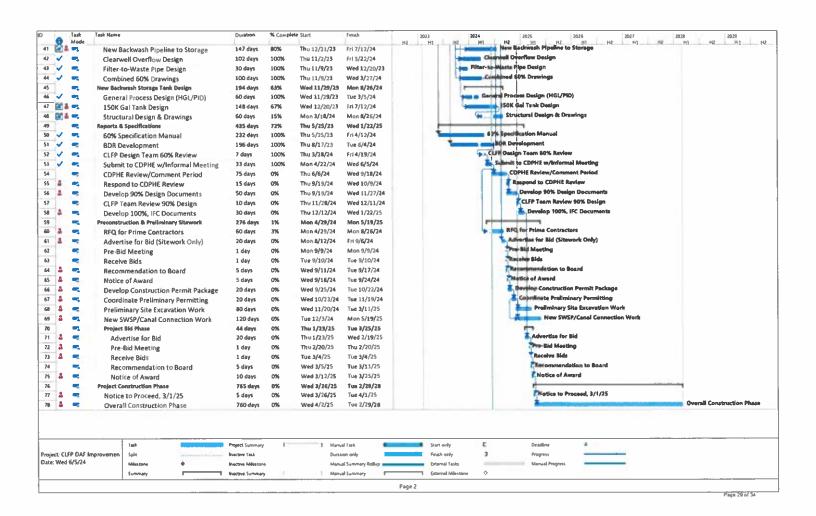
Signature:	Date:

If you have any questions concerning this quotation, contact Joe 970-219-6464

THANK YOU FOR YOUR BUSINESS!









### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 7** 

**SUBJECT: May Operations and Maintenance Report** 

STAFF: Bryan Beberniss, Chief Operator

**ACTION REQUEST**: None, informational item

### **Carter Lake Reservoir**

• The Lake level as of 5/31/2024 was ~101,500 acre-ft, that is up ~11,000 acre-ft from last month. (information provided by northernwater.org)

### **Flows**

• The average daily demand for May was 18.9 MGD, up from 15.0 MGD in 2023 likely due to the amount of rain received last May.

### **North Plant**

- Received approval for S10N Version 2 modules from CDPHE Engineering on May 15<sup>th</sup>.
   We started installing the new membranes in Cell #6 on May 20<sup>th</sup> and finished May 21<sup>st</sup>.
   The starting permeability of the cell was 18 and TMP was less than 1.0! This is great news and the Cell has been running fantastic ever since.
- We performed Avista cleans on cells 1-5 with the most promising recoveries after a standard Citric/Sulfuric clean and then an Avista clean, then a bleach. This makes for a very long clean and is rough to do during the higher flows. We have ordered another 3 totes in case we need to do another Avista clean during the season.
- Arvada Pump repaired a rubber expansion coupler on Blower #2. They said the damage was caused because the check valves were not working properly.
- Jason from Wesco installed replacement check valves on Blowers #1 and #2.
- Mike and Brett from Xylem have rebuilt the reaction column of the CL02 generator.

### **South Plant**

Normal Operations.

### **Maintenance Update**

Veolia performed annual service on the TOC analyzer.

- Backflow Tech performed the annual backflow inspections.
- Scorr Solutions performed the annual inspections on the Cathodic Protection systems.
- Security and Sound performed the annual fire system inspections.

### **Dry Creek Reservoir**

Upon review of the algal testing results from May, Solitude Lake Management is
recommending two treatments of copper sulfate spaced one month apart for
effectiveness. They applied the first application of algaecide on June 6th and will plan to
apply the remaining product in early July. Austin mentioned they have recently had
success in managing lake algae using ultraviolet buoy's and he will send us more
information concerning this alternative to chemical treatment for consideration.

**End of Report** 



### **Carter Lake Filter Plant**

### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 8** 

**SUBJECT: January 2024 Water Quality Report** 

STAFF: Justin Kane - Lead Shift Operator

**ACTION REQUEST**: None, informational item.

Test Parameter/Sample Location	Units of Measure	CLFP Goal		age of sults	Regulated Level (MCL)
			Avg.	Low	
Free Chlorine – Mariana Pumphouse	mg/L	1.1	1.1	1.0	0.2 - 4.0
Free Chlorine – 7 MG Tank	mg/L	1.1	1.1	1.1	0.2 - 4.0
pH – Mariana Pumphouse	su	7.4		7.5	TT
pH – 7 MG Tank	su	7.4	- 1	7.4	TT
Fluoride – North Plant Clearwell	mg/L	0.8	(	0.8	4
Fluoride – 7 MG Tank	mg/l	0.8		0.7	4
Orthophosphate – Mariana Pumphouse	mg/L	0.2		0.2	n/a
Orthophosphate – 7 MG Tank	mg/L	0.2		0.2	n/a
TOC - North Plant CFE	mg/L	< 2.0		1.8	n/a
TOC - South Plant Clearwell	mg/L	< 2.0		1.8	n/a
Chlorite – North Plant Clearwell	mg/L	< 0.5		D.3	1.0 mg/L
Chlorite – 7 MG Tank	mg/L	< 0.5		0.2	1.0 mg/L
Chlorine Dioxide – North Plant Clearwell	mg/L	n/a	(	0.0	0.8 mg/L
Chlorine Dioxide – 7 MG Tank	mg/L	n/a		0.0	0.8 mg/L
Combined Temperature	°F	n/a		50	n/a

2<sup>nd</sup> Quarter Disinfection Byproduct (DBP) Sampling – DBP's are formed in water when disinfectants react with organic materials in the water. The Districts performed sampling in May 2024. The summary of the results from five sample sites are listed below.

Test Name	MCL	Units of measure	Average of Results
TTHM	80	ug/L	43.1
HAA5	60	ug/L	33.1

(over)



### **Carter Lake Filter Plant**

**UCMR/PFAS** Testing – The EPA passed legislation in April 2024 setting regulatory levels for PFAS (polyfluorylalkyl substances). Below, I have included text from EPA's website which can be found at the following link: (PFAS Explained | US EPA).

- PFAS are widely used, long lasting chemicals, components of which break down very slowly over time.
- Because of their widespread use and their persistence in the environment, many PFAS are found
  in the blood of people and animals all over the world and are present at low levels in a variety of
  food products and in the environment.
- PFAS are found in water, air, fish, and soil at locations across the nation and the globe.
- Scientific studies have shown that exposure to some PFAS in the environment may be linked to harmful health effects in humans and animals.
- There are thousands of PFAS chemicals, and they are found in many different consumer, commercial, and industrial products. This makes it challenging to study and assess the potential human health and environmental risks.
- Learn more about our current understanding of PFAS.

LTWD began sampling for UCMR-5 in December 2023 on a quarterly schedule. All of the contaminants measured below the Reporting Limit except for one, PFOA. It is important to note that one test result above the Reporting Limit does not constitute a violation. A violation is determined based on the running annual average, that is the average of the samples taken in the year. If it is determined that there is an exceedance of the MCL based on the running annual average, we will have until April 2029 to implement a solution to reduce the levels.

A copy of the PFAS testing results is attached below.

	Reporting							RAA (annual	
Analyte	Limit	Units	PQL	2023 Q4	2024 Q1	2024 Q2	2024 Q3	ave.)	RAA (ppt)
Perfluorooctanoic acid (PFOA)	0.0040	ug/L	0.0040	< 0.0040	<0.0038	0.0048		0.001200	1.20
Perfluorononanoic acid (PFNA)	0.0040	ug/L	0.0040	< 0.0040	<0.0038	< 0.0040		0.000000	0.00
Perfluorohexanesulfonic acid (PFHxS)	0.0030	ug/L	0.0030	< 0.0030	<0.0028	<0.0030		0.000000	0.00
Perfluorooctanesulfonic acid (PFOS)	0.0040	ug/L	0.0040	< 0.0040	<0.0038	< 0.0040		0.000000	0.00
Hexaftuoropropylene Oxide Dimer Acid (HFPO-DA)	0.0050	ug/L	0.0050	< 0.0050	< 0.0047	<0.0050		0.000000	0.00
Perfluorobutanesulfonic acid (PFBS)	0.0030	ug/L "	0.0030	<0.0030	<0.0028	<0.0030		0.000000	0.00

**End of Report** 



### **AGENDA ITEM SUMMARY**

**ITEM NUMBER: 9** 

**SUBJECT: Manager's Notes** 

STAFF: Rick Whittet, Plant Manager

ACTION REQUEST: None, informational item.

**Safety Training** – Fire and emergency action training was provided on May 13<sup>th</sup> by Joe Haralson. This included a demonstration test of how to operate a fire extinguisher.

**Employee Injury follow up –** Sandy was evaluated by the workers compensation provider. The physician determined it is not a work related inury.

Financial Audit follow up – Quotes from Adams Group to perform the annual audit are forthcoming.

**Unemployment Insurance Audit –** We provided the documentation that was required for the audit that was scheduled to occur electronically on May 21<sup>st</sup>.

**Beneficial Use Permit Inspection –** Michael Bankoff of the Materials Management Unit of CDPHE is scheduled to perform an inspection on June 19<sup>th</sup>.

**Manager's Meeting** – Met with the District Managers on June 5<sup>th</sup>. We discussed Dry Creek Operations and on-going activities.

**South Plant Expansion Project Management Discussion –** This discussion was tabled at the last Board meeting. We need to discuss this item further once the staff has been excused from the meeting.

**End of Report** 

### CARTER LAKE FILTER PLANT PRETREATMENT UPDATES ITEM NO. 6D JULY 18, 2024

### **Background Summary:**

### Pretreatment

The subcontractors are hard at work. Electrical is working on power supply and lighting, the architect is finishing up the filter building design, the structural is working on the floors of the Filter Building.

The Basis of Design Report is complete and turned into the State.

Working on yard piping and some changes to interior piping at the DAF building.

AWC is manufacturing several of the DAF components.

Completed the piping modifications at the North Plant. We have received a price for the work which is attached.

**BOARD ACTION SUGGESTED**: As appropriate by Board.

### **TAP FEE AGREEMENTS**

### **ITEM NO. 7A**

### **JULY 18, 2024**

### **Summary:**

The following have applied for new meter sets and need Board execution on the Tap Fee Agreement.

	OWNER	TAP SIZE	LOCATION
1	Javier Nunez Vargas	Budget 5/8"	CR 22/17 & 19
2	Flying E Ranch LLC	5/8"	CR 8 & 21
3	Jason & Kathy Markiewicz	5/8"	Lot 7 Thunder Valley
4			-

District taps sold in 2024:

	Qrtr	Budget	5/8"	3/4"	1"	1.5"	2"		Qrtr	Budget	5/8"	3/4"	1"	1.5"	2"
January	0	0	2	1	0	0	0	July							
February	0	0	0	0	0	0	0	August							
March	0	0	0	0	0	0	0	September							
April	0	0	0	0	0	0	0	October							
May	0	2	0	0	0	0	0	November							
June	0	0	2	0	0	0	0	December							
TOTAL	0	2	4	1	0	0	0	TOTAL							

The following taps have been purchased in the Towns for 2024:

ono g tapo na ro coon pe		O					
TOWN TAPS	5/8"	3/4"	1"	1.5"	2"	3"	4"
Dacono	16						
Firestone	4				1		
Frederick	22	1					
Kersey							
TOTAL	42	1			1		

SOLD HISTORY	2024	2023	2022	2021	2020	2019
CW Quarter	-	6	9	3	0	0
CW Budget	2	6	7	23	36	27
CW 5/8"	4	4	7	17	16	35
CW 3/4"	1	0	0	1	1	4
CW 1"		0	0	0	0	1
CW 2"		0	0	0	1	1
CW 4"		0	0	0	0	0
SOLD HISTORY	2024	2023	2022	2021	2020	2019
TOWN 5/8"	42	179	229	389	410	373
TOWN 3/4"	1	2	1	8	6	2
TOWN 1"		1	2	10	1	7
TOWN 1.5"		3	2	4	1	10
TOWN 2"	1	1	0	0	2	2
TOWN 3"+		1	0	0	0	0

**BOARD ACTION SUGGESTED**: Approve Tap Fee Agreements.

NEW BUSINESS	7A

### ALLY UTILITY CONSULTING ITEM NO. 7B

**JULY 18, 2024** 

Ally Utility Consulting held a meeting at the District on June 13, 2024 and July 16, 2024 with possible participants for the New Treatment Plant and 36" transmission line. A summary of the meetings will be given.

### **BOARD ACTION SUGGESTED:**

As appropriate by Board.

NEW BUSINESS 7B

### RATE PRESENTATION ITEM NO. 7C

**JULY 18, 2024** 

NOCO Engineering will be at the meeting to give a Rate Presentation for the Board.

### **BOARD ACTION SUGGESTED:**

Information Only.

### Rate Presentation CWCWD

2024

prepared by

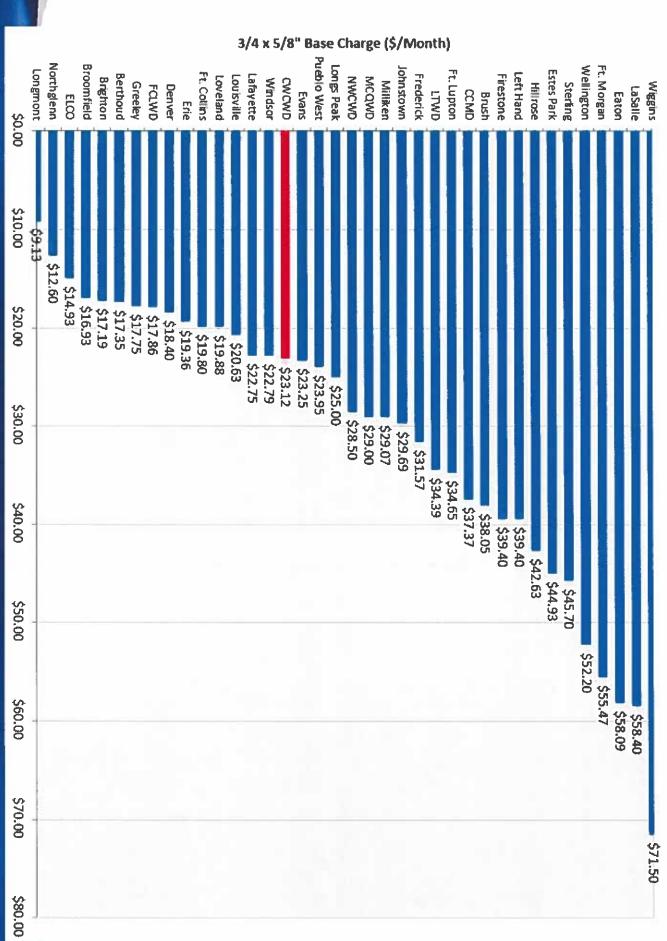


### Purpose

Adjust base rate and tiered pricing to offset increases in expenditures. increase revenues, which will help

CWCWD and existing rates of other entities \*\*Please note that the following slide are based upon proposed rates for next year for

### **Base Rates**



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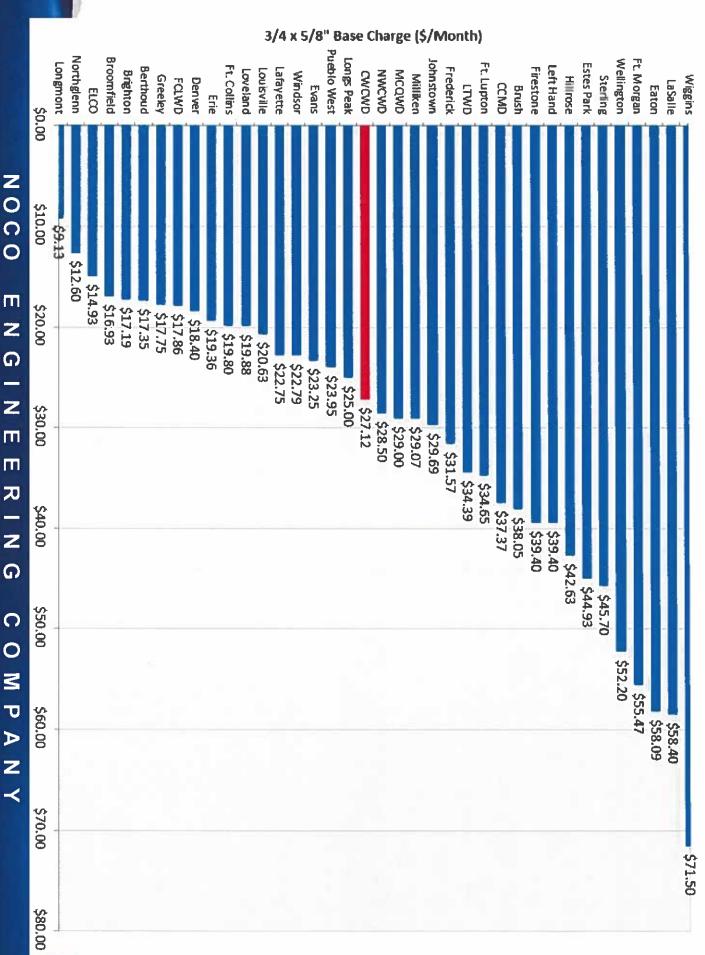
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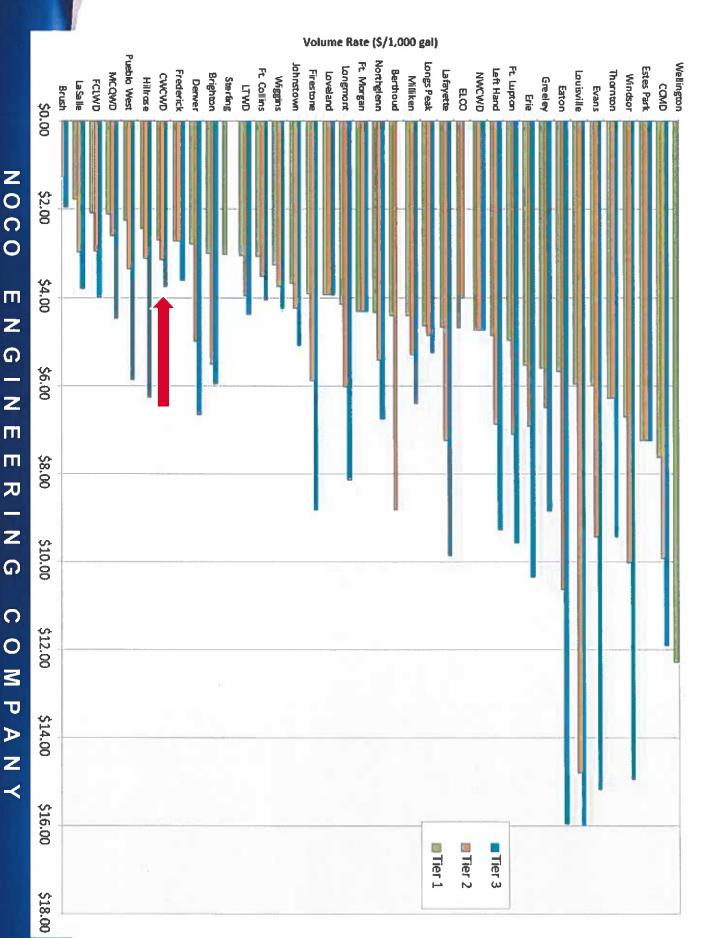
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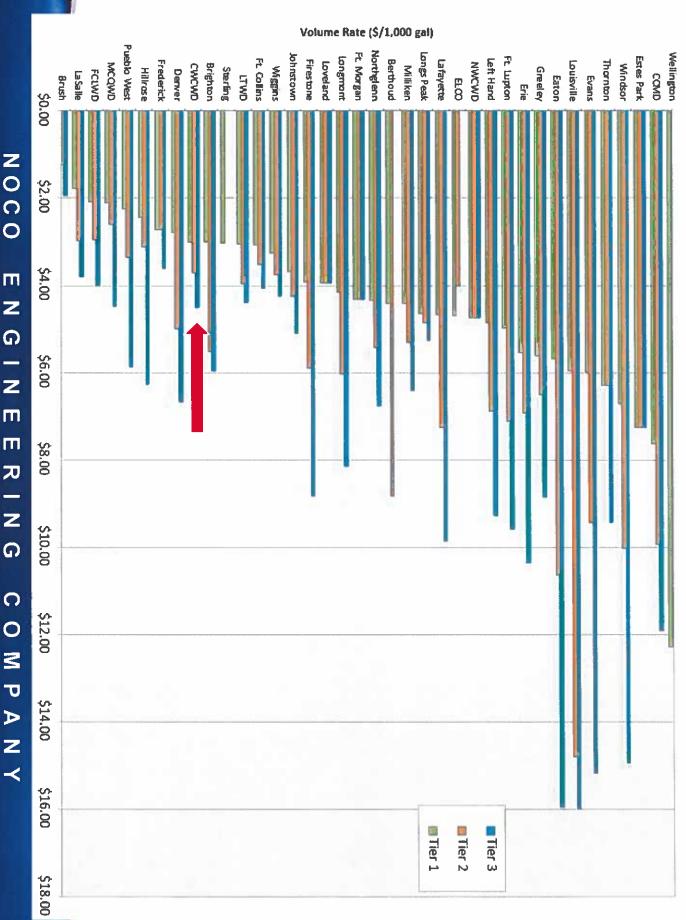
### **Proposed Base Rates**



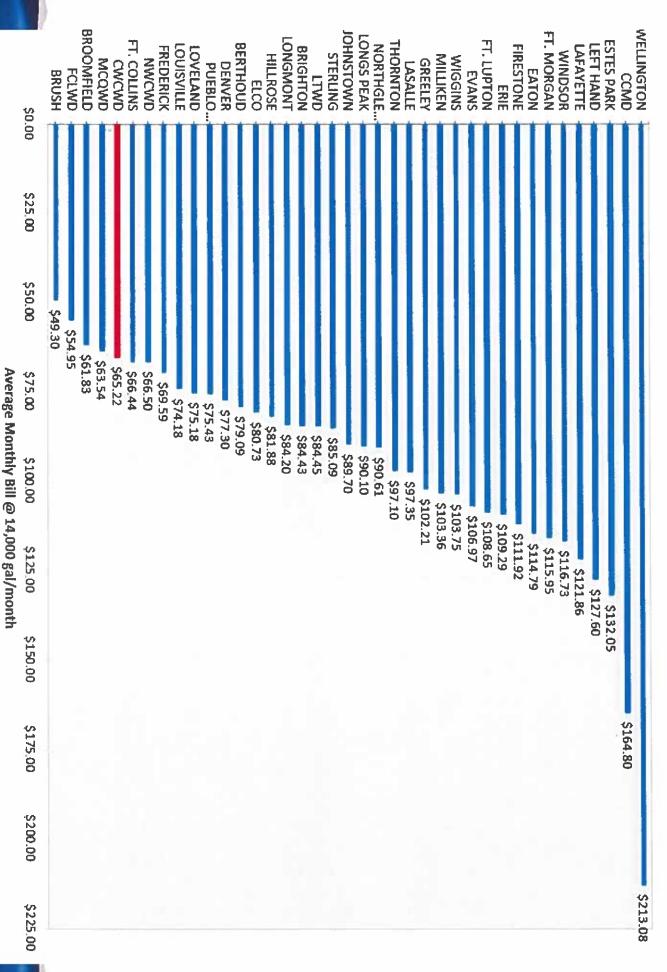
### Tier Rates



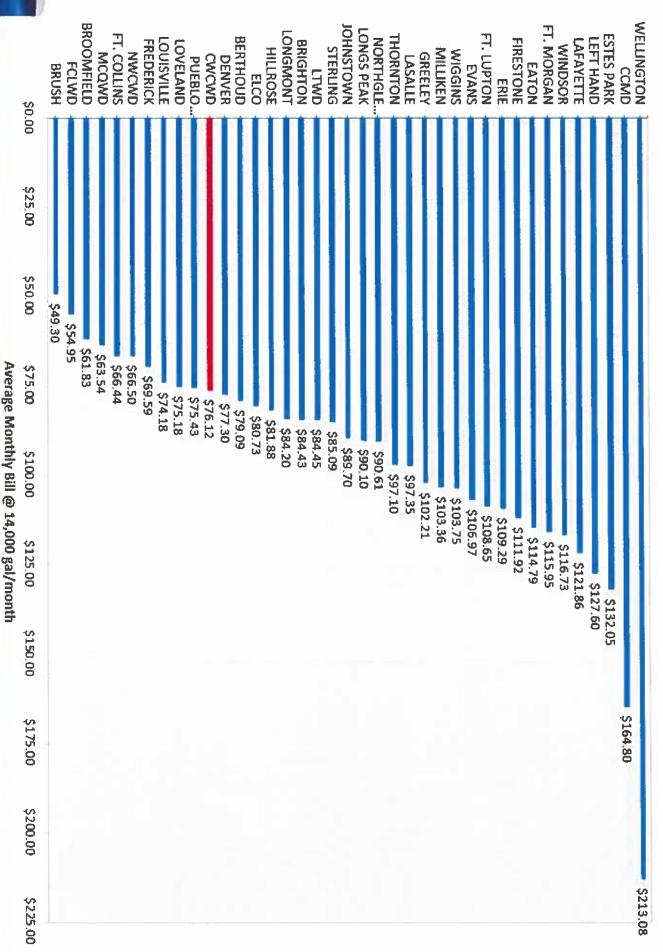
### **Proposed Tier Rates**



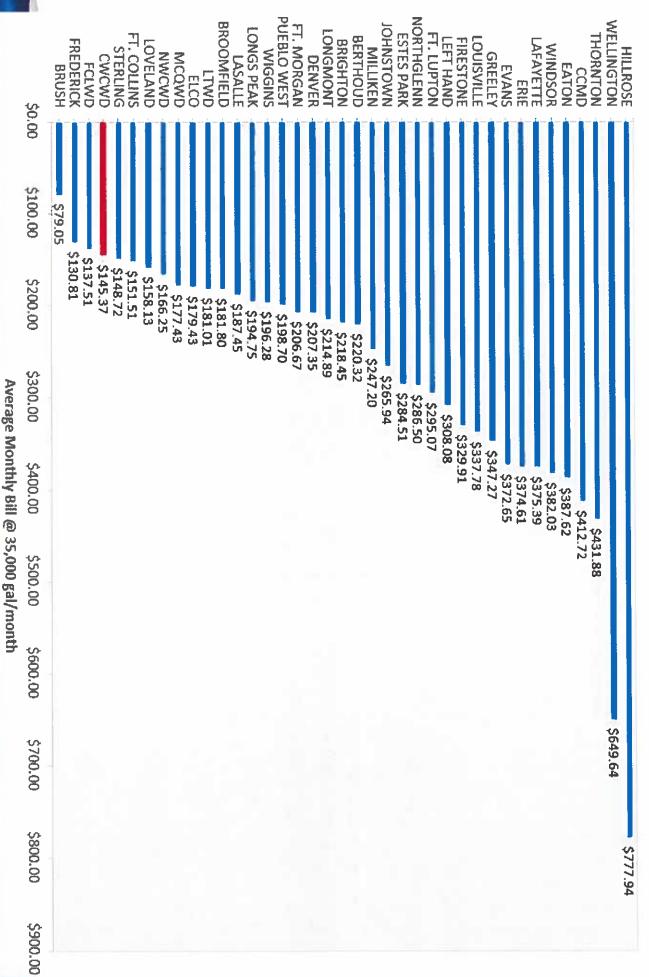
## Current Water Rates – Residential - 14,000 gallons/month



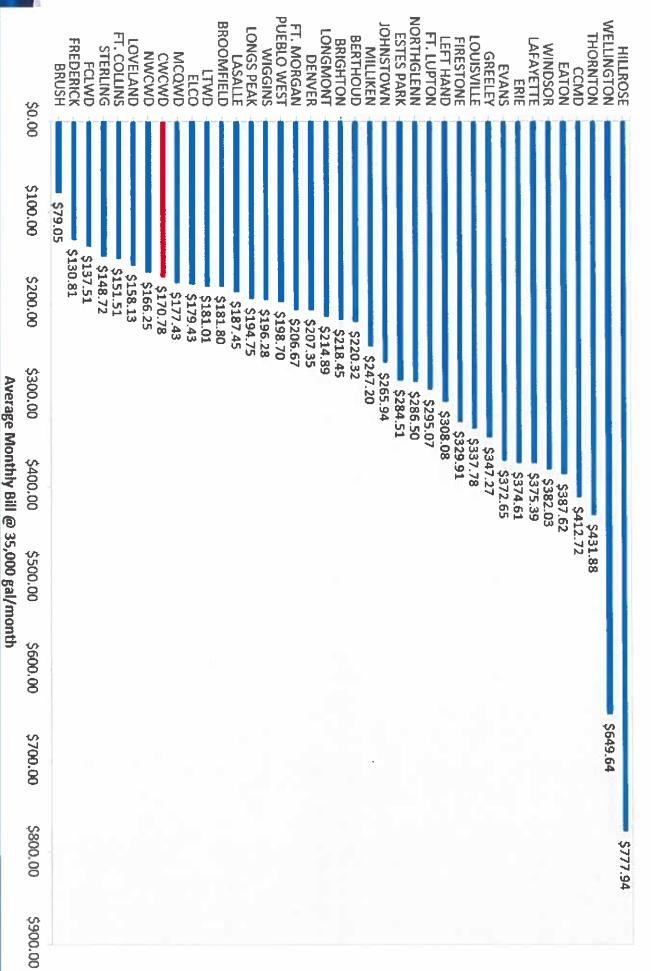
## Proposed Water Rates – Residential - 14,000 gallons/month



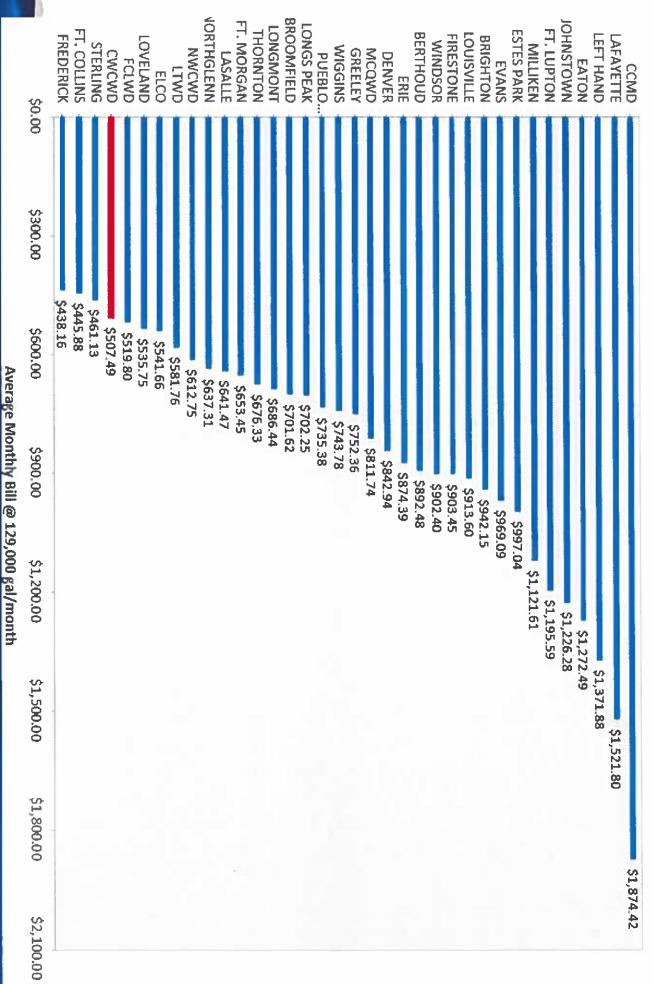
## Monthly Water Rates -3/2" Meters -35,000 gallons/month



# Proposed Monthly Water Rates - 3/4" Meters - 35,000 gallons/month

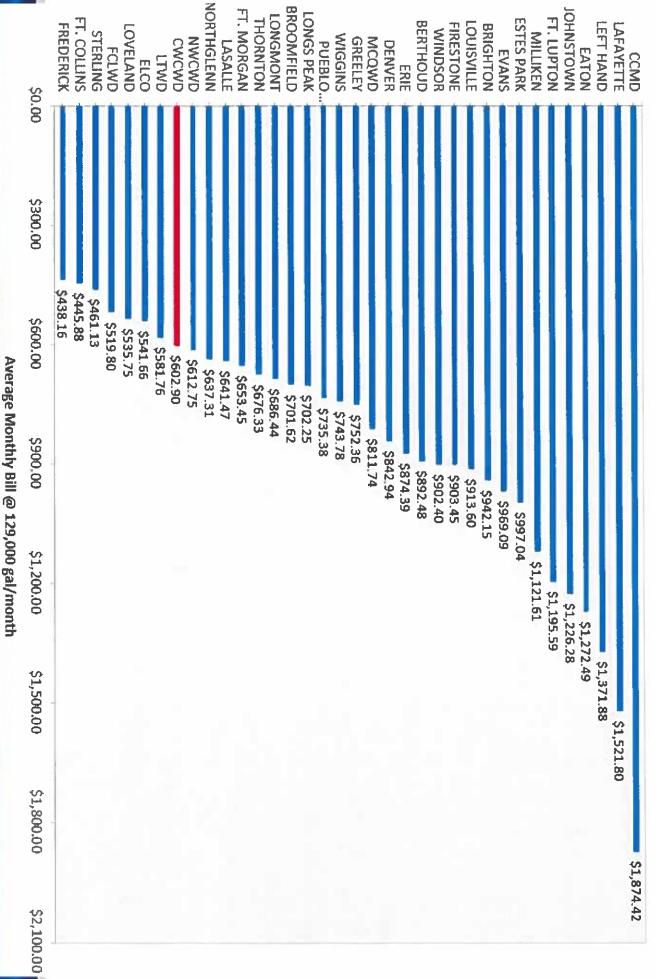


## Monthly Water Rates - 1" Meters - 129,000 gallons/month



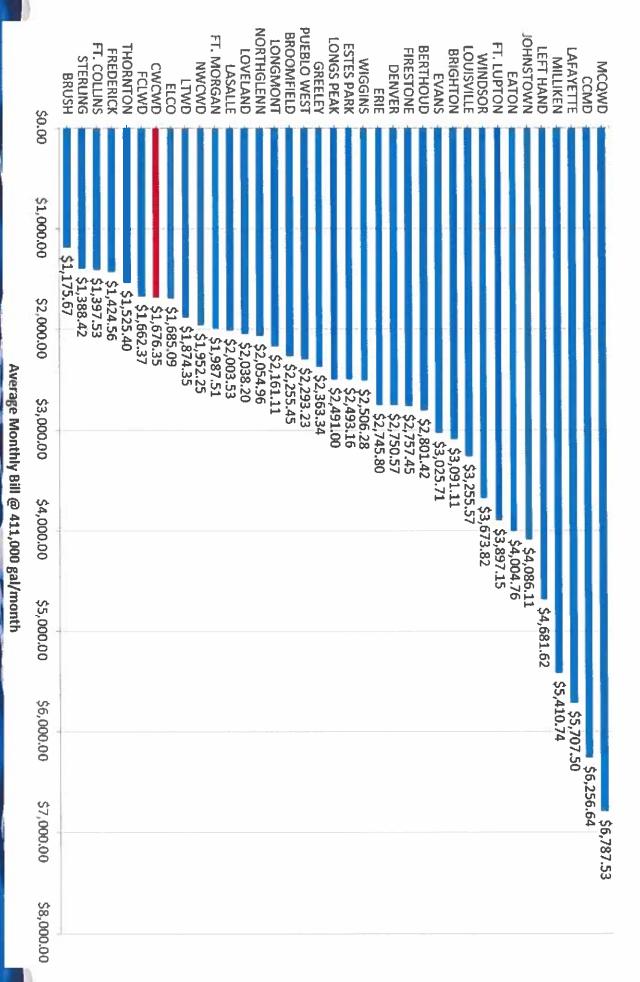
NOCO П N G -N E ERING C 0 **≤** Þ Z ~

# Proposed Monthly Water Rates - 1" Meters - 129,000 gallons/month

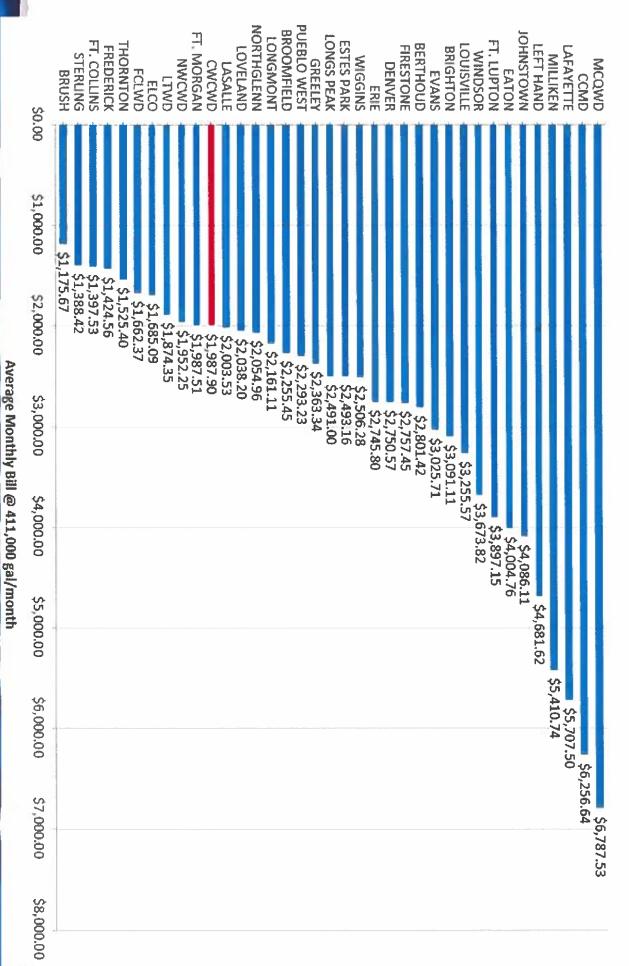


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## Monthly Water Rates - 1.5" Meters - 411,000 gallons/month



# Proposed Monthly Water Rates - 1.5" Meters - 411,000 gallons/month



## Proposed Rate Structure

- Continue using Tier Rate based on T.E. and water use.
- Have four (4) increasing tier rates.

Base	69	27.12 Per T.E	ļij		Cost
Tier 1		•	4,000 \$	\$	3.00
Tier 2 5,000	***************************************		19,000	€4	19,000 \$ 3.70
Tier 3			59,000	69	59,000 \$ 4.50
Tier 4 60,000			149,000	€9	149,000   \$ 5.30
Tier 5		150,000	\$ 5.30	69	5.30

### CENTRAL WELD COUNTY WATER DISTRICT OPERATING BUDGET

Category	Actual 2020	Actual 2021	Actual 2022	Actual 2023	Budget 2024	Budget 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Projected 2030		Hist. Ann. Increase
BEGINNING BALANCE	\$24 725 033	\$22 330 000	\$11.508.565	\$31,636,942	\$32,141,702	\$35,229,123	\$24,305,300	\$19,925,410	\$18,168,136	\$43,551,544	\$13,8	\$13,833,847	33,847 17.59%
Restricted Reserves	\$825,000	\$825,000	\$825,000	\$825,000	\$825,000	\$825,000	\$825 000	\$825,000	\$825,000	\$825,000	\$82	\$825,000	5,000
Total Cash & Time Dep	\$25,550,033	\$23,155,000	\$12,333,565	\$32,461,942	\$32,966,702	\$36,054,123	\$25,130,300	\$20,750,410	\$18,993,136	\$44,376,544	\$14,658,847	.847	3,847
REVENUES	8		100000							18.00			
Operating Revenue									-250-6657	N. A. C.			
Water Service	\$4 100 000	\$6,186,107	\$10,412,425	\$9 083 292	\$12,105,021	\$14 131 428	\$16,957,714	\$20,349,256	\$24,419,108	\$29,302,929	\$35,163,515	5	13.69%
Surcharge Rate	\$1,500,000	\$1.897.500	\$2,609,596	\$2,394,753	\$2,000,000	\$1.500.000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	8	)00
Bulk Water Service	\$250,000	\$257.366	\$253,071	\$274,755	\$250,000	\$250,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	8	000
Miscellaneous	\$155,000	\$82,287	\$110,154	\$1,242,357	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	8	00 3.15%
Water Storage						•			4	***********			i
Total Operating Revenue	\$6,005,000	\$8,423,260	\$13,385,246	\$12,995,157	\$14,530,021	\$16,056,428	\$18,832,714	\$22,224,256	\$26,294,108	\$31,177,929	\$37,038,515	5	13.07%
Non Operating Revenue		\$57 000 000	\$77 A78 478	\$1 184 815	\$7 115 000								
Bond Issue	000 5003	\$57,000,000	\$27,028,428	\$1,184,815	\$1,050,000	90	So	S0	So	<b>\$</b> 0		8	\$0 61.83%
Water Storage Reservoir	##OU.000	\$300,000	\$675,000	\$1,050,000	\$1,150,000	\$1,150,000	\$1,150,000	\$1,150,000	\$1,150,000	\$1,150,000	\$1,150,000	8	
C	) 0 0 0 0 0							gun un de de de de de de					
Total Non-Oper. Revenue	\$205,000	\$57,360,699	\$28,645,701	\$10,095,149	\$9,315,000	\$1,150,000	\$1,150,000	\$1.150,000	\$1,150,000	\$1,150,000	\$1,150,000	8	%90.901 000
Contributions												5	
Tap Fees Raw Water	\$5,350,000	\$5.884.010 \$535.356	\$3,496,950 \$2,646,979	\$2,831,500 \$6,943,656	\$2,000,000	\$750,000	3/50,000	\$/50,000	3/20 000	\$750,000	000 0C/E	8	00 -1_00
Adv. for Construction	\$175,000	\$151,395	\$222,017	\$925,410	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$275 000	8	22.00°°
East I-25 WTP Town Capital Frederick Capital 30" WI						\$2,500,000			\$17,000,000	\$17,000,000			
36" Eastern Line Town Capital						\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000			
	***************************************					h · · · · · · · · · · · · · · · · · · ·	***		4 4 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			1	Ì
Total Contributions	\$5,525,000	\$6,570,761	\$6,365,946	\$10,700,566	\$3,025,000	\$7,525,000	\$5,025,000	\$5,025,000	\$22,025,000	\$22,025,000	\$1,025,000	90	11,39%
TOTAL REVENUE	\$11,735,000	\$72,354,720	\$48,396,893	\$33,790.872	\$26,870,021	\$24,731,428	\$25,007,714	\$28,399,256	\$49,469,108	\$54,352,929	\$39,213,515	15.	15 0.06%
TOTAL FUNDS AVAILABLE	\$37,285,033	\$05 500 720	200000000000000000000000000000000000000		650 037				The second secon	\$08 TO 473	652 077 267	3	67 0 000

### NOCO ENGINEERING COMPANY

EXPENDITURES				The second	W								
Operational Expenses													
Salaries	\$865,000	\$958.245	\$1,083,564	\$1,122,331	\$1,275,000	\$1,338,750	\$1,405,688	\$1,475,972	\$1,549,770	\$1,627,259	\$1.708,622	9.6200	5.00%
Deferred Compensation	\$0	\$0		\$66,388	90	\$0	\$0	\$0	S0	SO	\$0		0.00%
Office & Warehouse	\$245,000	\$231,146	\$263,044	\$342,126	\$270,000	\$298,350	\$329,677	\$364.293	\$402,544	\$444.811	\$491,516	13.16%	10.5
Office & Field Utilities	\$57,000	\$51.321	\$53,003	\$57,736	\$55,000	\$57,640	\$60,407	\$63,306	\$66,345	\$69.529	\$72.867	5.38%	4.80
Professional Fees	\$150,000	\$204,519	\$349,659	\$387,030	\$250,000	\$298,775	\$357.066	\$426,730	\$509,985	\$609,483	\$728,393	18.21%	19.5
Insurance	\$225,000	\$367,379	\$395,341	\$522,075	\$398,000	\$435,611	\$476,776	\$521,832	\$571,145	\$625,118	\$684,191	12 4200	9.43
Dir. Fees & Board Exp.	\$6,500	\$10,379	\$12,111	\$6.089	\$7,000	\$7,765	\$8.614	\$9,555	\$10,600	\$11.758	\$13.043	-0.93%	10.9
Payroll Taxes	\$66,000	\$82,895	\$89,161	\$96,057	\$87,250	\$96,734	\$107.249	\$118,907	\$131,832	\$146,162	\$162,050	10.42%	10.8
Assessments	\$335,000	\$355,193	\$390,428	\$412,895	\$435,000	\$469,191	\$506,069	\$545,846	\$588,750	\$635,026	\$684,939	7.55%	7.80
Operation & Maintenance	\$810,000	\$887,141	\$1,180,956	\$2,277,390	\$1,925,000	\$2,113,073	\$2.319,520	\$2,546,137	\$2,794,894	\$3,067,955	\$3.367,695	18.9700	9.77
Carter Lake Filter Plant	\$1,245,000	\$1,464,631	\$1,684,418	\$2,056,688	\$2,300,000	\$2,334,730	\$2,369,984	\$2,405,771	\$2,442,098	\$2,478.974	\$2,516,407	4.22%	1.5
Automotive	\$100,000	\$76,376	\$97,998	\$91,748	\$80,000	\$85,232	\$90,806	\$96,745	\$103,072	\$109,813	\$116,995	4.5900	6.50
Water Rental		\$0	\$236	\$39,200	\$100,000	\$100,000							
Dry Creek Reservoir	\$72,000	\$26,040	\$36,126	\$54.039	\$55,000	\$55,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	4.39%	
Interest:													
Ref. & Impr. Bonds													
Depreciation	\$2,010,000	\$2,100,000	\$2,200,000	\$2,200,000	\$2,532,000	\$2,606,188	\$2,682,549	\$2,761,148	\$2,842.049	\$2,925,321	\$3,011,033	2.51%	2.93%
Niscellaneous	\$0	\$0	SO SO	S0	\$0	So	SO	\$0	\$0	\$0	SO		0.00%
				****		4		ı	# <b>#</b> # # # # # # # # # # # # # # # # #				
Total Operating Exp.	\$6,186,500	\$6,815,265	\$7,836,045	\$9,731,792	\$9,769,250	\$10,297,038	\$10,774,405	\$11,396,241	\$12,073.084	\$12.811.210	\$13.617.750	8.22%	

DATE Blands  DATE		\$25,439,513	\$86,995,947	\$26,927,749	\$32,917,678	\$32,070,153	\$38,261,438	\$26,314,600	\$35,486,112	\$34,577,337	\$38,029,753	\$15,946,500	TOTAL EXPENDITURES
STATISTER   STAT	Š.	\$8,309,963	\$70,675,437	\$11,342,865	\$18,012,137	\$17,783,148	\$24,455,800	\$13,035,000	\$22,246,470	\$23,229,692	\$27,838,760	\$9,760,000	Total Capital Improvements
0.00   0.00	0.00	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	3381 229	\$159,737	3137,364	31/5,000	Field Equipment
Concording   Con	0.00	90	50 000	50	0.5	\$0	\$0	90					Office Equipment
STATE   STAT	0.00	\$0	SO S	\$0	SO	\$0	\$0	\$0					Meter & Regulator Up grades
\$1,177,728 \$1,511,000 \$1,507,300 \$1,510,300	0.000	\$ 00,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$84,389	\$1,005,010	\$7,590		Esmnts, Land & Bldg Impr.
STATE   STAT	0.00°°	\$1,000,000	\$1 000 000	\$1 000 000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$625 141	\$517.991	\$2,170,256	\$4,000,000	Filter Plant
\$1,277,500 \$1,00,250 \$1,00,250 \$2,202,650 \$2,200,000 \$2													Map Updates
\$1,177,728 \$1,11,000 \$1,107,200 \$													Master Plan
\$1,277,278; \$1,277													Conservation Plan
\$1,177,278; \$1,511,000 \$1,507,000 \$1,510,000			100 000000		100.000			6	40,000	9101000	Control of the	41,00,000	ine Commo WCR 41
\$1,277,250 \$1,277,250	6.00	\$609.963	\$575 437	\$542 865	\$512 37	\$483 148	\$455 800 T	\$430,000	\$6.78 \$0.4	\$484.025	\$1.714.061	\$1 500,000	Distribution Contain
\$1,277,240 \$1,560,0 \$1,560,0 \$2,500,0 \$						2				;			Minor Capital Improvements
\$1,277,200 \$1,000,000		\$5,000	\$5,000	\$5,000	\$5,000	\$5 000	\$5,000	\$5,000	\$6	\$0	\$2.948		SCADA System
\$1,277,200 \$1,062,500 \$2,507,200 \$1,500,000 \$2,507,000 \$1,500,000 \$2,507,000 \$1,501,000 \$1,501,000		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$0	\$117.420	\$130.226	\$140,000	Man Undates & GIS
\$1,277,280 \$1,541,600 \$2,507,890 \$1,510,500 \$2,500,000	0.00	\$500 000	\$500,000	\$500 000	\$500,000	\$500,000	\$500,000	St. 500 000	\$18 380 130	\$ 19 1 78 085	\$19 716 595	\$3.945.000	Water Rights
\$1,377,500 \$1,662,500 \$2,022,600 \$1,500,000			\$60,000,000	\$1,000,000									CEPT MCHIDIAIC Replacement
\$1,277,500 \$1,662,500 \$2,202,650 \$15,000,000 \$2,200,000							\$1 800 000						CI ED Manhrana Panlarament
\$1,375,728 \$1,511,600 \$1,507,500 \$2,510,350 \$2,500,600 \$2,510,500			20	200	\$8,000,000	\$8 000 000	\$8,000,000						Carter I also Filter Plant DAF
\$0. \$1,375,728 \$1,511,600 \$1,507,850 \$2,507,850 \$3,503,600 \$3,503,200 \$2,500,500 \$3,503,200 \$2,500,500 \$3,503,200 \$3,503,			\$5 000,000	\$5 000 000	\$5,000,000	\$5 000 000	\$5,000,000						36" Eastern Water   ine fixencion
\$1,375,728 \$1,511,600 \$1,507,850 \$2,507,850 \$2,507,000													Anadarko CR 30 and 28
\$1,315,728 \$1,511,000 \$13,507,850 \$1,510,350 \$2,508,000 \$2,513,000													WCR 29 & 42 Relocation
\$1,375,728 \$1,511,600 \$1,507,850 \$2,507,850 \$2,507,850 \$3,512,600									100000000000000000000000000000000000000	TAT BOTTON	A 100 100 100 100 100 100 100 100 100 10		Country Estates Master Meter
\$0 \$1,375,728 \$1,511,600 \$1,507,850 \$2,502,600 \$2,510,350 \$2,502,600 \$2,511,800 \$2,502,500 \$3,502,5							\$5,000,000		\$73,675	\$104,924	\$75,150		Frederick 30" Waterline
\$0. \$1,3775,728 \$1,511,600 \$1,507,850 \$2,508,600 \$2,508,600 \$3,512,600 \$2,509,300 \$2,5151,800 \$3,509,300 \$3,511,800 \$3,509,300 \$3,511,800 \$3,51								\$2,000,000	94	1			Line Extensions, MM etc.
\$3.375.728 \$3.511.600 \$3.507.850 \$3.500.500 \$3.500.500 \$3.511.800 \$3.509.300 \$3.509.300								\$500,000	90	50			Chlorination Stations
\$0, \$1,375,728 \$1,511,600 \$25,507,850 \$25,508,600 \$25,508,600 \$25,509,300 \$25,509,300 \$25,509,300 \$25,509,300 \$25,511,800 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$													South Filter Plant
\$0 \$3,375,728 \$3,511,600 \$2,507,850 \$3,503,600 \$3,503,600 \$3,512,600 \$3,503,000 \$3,511,800 \$0,50 \$0 \$0,50 \$0													North Billian Plant
\$1,375,728 \$3,511,600 \$3,507,850 \$2,508,600 \$3,512,600 \$3,512,600 \$3,509,300 \$3,511,800 \$3,509,300 \$3,511,800 \$3,509,300 \$3,511,800													Flood Repairs to Reconcile w Audit
\$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0,													Aurora Dairy 16"
\$3.375.728 \$3.511.600 \$3.507.850 \$3.510.350 \$3.503.600 \$3.512.600 \$3.509.300 \$3.511.800 \$3.509.300 \$3.509.300 \$3.511.800 \$3.509.300 \$3.511.800 \$3.509.300		000 07	3/2,000	3/3/000	\$75,000	\$75,000	\$75,000	\$75,000	\$0	\$0	\$2,605,168	\$0	Windy Gap
\$1,373,728 \$1,511,600 \$1,507,850 \$3,510,350 \$3,508,600 \$3,512,600 \$3,509,300 \$1,511,800 \$3,509,300 \$3,511,800 \$3,511,800		\$75,000	\$10,000	\$10,000	\$10,000	000 015	\$10,000	\$15,000	\$752	\$0	0.8	50	Rate Study/Master Plan
\$1,375,728 \$1,511,600 \$1,507,850 \$2,507,850 \$3,508,600 \$23,508,600 \$3,509,300 \$3,509,300 \$3,509,300 \$3,509,300 \$3,511,800 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		06	SO	300	90	SO	\$0	\$0					NISP Land Purchase
\$3.375.728 \$3.511.600 \$3.507.850 \$3.510.350 \$3.508.600 \$3.512.600 \$3.509.300 \$3.511.800 \$3.509.300 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800 \$3.511.800		30,700,000	33,300,000	33,000,000	\$2,00,000	\$2,500,000	\$2,400,000	\$3,300,000	\$2,022,650	\$1 662 500	\$1.277.500		NISP
\$0 \$3,375,728 \$3,511,600 \$3,507,850 \$3,510,350 \$3,508,600 \$3,512,600 \$3,509,300 \$3,511,800 \$3,509,300 \$0  \$0 \$3,375,728 \$3,511,600 \$3,507,850 \$3,510,350 \$3,508,600 \$3,512,600 \$3,509,300 \$3,511,800 \$3,509,300 \$0  \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		** 000 000	200 000	2000000									Lead & Copper & AMR's
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													Dry Creek Res
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													16-inch Line Extension for loop
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													Mag Meter Replacement Vaults
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													WCR 49
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													35th Avenue
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													WCR 18
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													O&M - WCR 49 Relocation
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													CDOT I-25
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$													Major Imp. (Bond Issue or Reserves)
\$0         \$0<													CAPITAL EMPROVEMENTS
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		\$3.511.800	\$3,509,300	\$3,511,800	\$3,509,300	\$3,512,600	\$3,508,600	\$3,510,350	\$3,507,850	\$3,511,600	\$3,375,728	SO	Total Debt Retirement
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		t d		90	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· · · · · · · · · · · · · · · · · · ·						2028 Bond
0\$ 0\$ 0\$ 0\$ 0\$ 0\$		\$3.511,800	\$3,509,300	\$3.511.800	\$3,509,300	\$3,512,600	\$3,508,600	\$3,510,350	\$3,507,850	\$3,511,600	\$3,375,728		2021 Bond
		\$0	\$0	\$0	\$0	90	\$0	\$0	\$0	0.5			

### NOCO ENGINEERING COMPANY

# Central Weld County Water District Rate Calculator - Tier Structure

Cost		Proposed Water Revenue	er Revenue											
\$ 100		January	February	March	April	Man	June	July	August	182	September 0	October N	November (I	December
00.5	CWCWD	٠,	125,087 \$	3   326,148	392,149 \$	381618 \$	137,234 \$	464,423 \$	583,691 \$	703,924 \$	566,200 \$	\$ 101.264	106,180	\$ 374,67
35	Firestone	\$	119,655 \$	102.251 \$	111,572 \$	110,690 \$	187,032 \$	210.871 \$	346,165 \$	426,037 \$	308,148 \$	251,423 \$	105,116	\$ 105.78
5,00	Dacono	<b>~</b>	\$ 101,145	38,498 \$	48,638 \$	47,030 \$	67,695 \$	78,984 \$	111,300 \$	161,079 \$	132,012 \$	\$ 911.86	45,332	\$ 45.95
5.30	Kerse,	<b>~</b>	28.193 \$	19,157 \$	19,526 \$	19.898 \$	25,381 \$	27,963 \$	35,234 \$	37,798 \$	33,857 \$	30,128 \$	20,833	\$ 20,60
	Frederick	S	\$ \$111.845	93,368 \$	103,808 \$	101.873 \$	156,093 \$	202,580 \$	298,354 \$	430,112 \$	360 992 \$	275,022 \$	109,703	\$ %,#
	Millison	<b>~</b>	58.298 \$	\$ 161'0t	60,305 \$	18,920 \$	64.215 \$	63,581 \$	77,904 \$	96,638 \$	74,084 \$	90,036 \$	54,167	\$ 53.26
	LaSalte	•	35,210 \$	34.225 S	36,501 \$	35,795 \$	41,670 \$	47,235 \$	59,068 \$	61.887 \$	55 161 \$	50.236 \$	35,332	\$ 35.50
	Glerest	•	14,500 \$	11.355 \$	13.541 \$	12,798 \$	13,701 \$	15,088 \$	18,729 \$	20.875 \$	18,499 \$	15,676 \$	11.895	\$ 12.67
	Platteralle	<b>~</b>	JI.362 \$	11.671 \$	36,012 \$	38,343 \$	\$ 1-91.05	52,233 \$	72.502 \$	81,766 \$	69,860 \$	\$9,541 \$	38,713	\$ 39.62
	Left Hand	<u>~</u>	19.287 \$	17,141 \$	17,300 \$	17,126 \$	17,929 \$	18,495 \$	21.322 \$	24.219 \$	21,348 \$	19,942 \$	17,578	\$ 18.20
	Armocrat	<b>~</b>	26,792 \$	12,041 \$	16,280 \$	11,069 \$	15,645 \$	1.180 \$	\$ 088.00	29 307 \$	25,950 \$	23,574 \$	20,001	\$ 14,82
	Johnstown	<u>د</u>	\$ 90F.I	1,406 \$	1,406 \$	1,406 \$	\$ 90t.	1,736 \$	858 \$	2,162 \$	5,309 \$	7,260 \$	5,169	7.14
	MM Total	<b>,</b> ,	\$ 619.015	114310 \$	465,389 \$	\$ 816,111	64 232 \$	721,046 \$	1,053,315 \$	1,371,881 \$	1,105,219 \$	920,954 \$	163,840	\$ 447.03
	Grand Tatel	•	035.7% 5	755.636 S	857.539 \$	826.565 S	2 59ra201	1,185,470 S	1,637,006 S	2,075,805 S	S 61P'129'1	850°911°1	870,020	\$ 821,71

Mälliken Left Hand Johnstonn

Proposed Revenue

12,105,021

3 00 Tier | 3 70 Tier 2 4 50 Tier 3 5 30 Tier 4 5 30 Tier 5 27 12 Base deemative Pricing Str.

5,000 20,000 60,000 150,000

\$ 125,000 \$ 101,000 \$ 101,000 \$ 150,000 \$	5 078498 \$ 155.900 \$ (0148) \$ 540.151 \$ 136.700 \$	\$ 124,847   \$ 11,896   \$ 194,785   \$ 190,653   \$ 100,6	\$ 321,847 \$ 371,898 \$ 394,783 \$ 495,202 \$ 596,722 \$ 480,279 \$ 420,367 \$ 420,367 \$
\$ 96,961 \$ 161,935 \$ 182,101 \$ 296,553 \$	\$ 96,96] \$ 161,935 \$ 182,101 \$ 296,553 \$ 363,849 \$	\$ 96,961 \$ 161,935 \$ 182,101 \$ 296,553 \$ 363,849 \$ 264,392 \$	\$ 96,961 \$ 161,935 \$ 182,101 \$ 296,553 \$ 363,849 \$ 364,392 \$ 216,406 \$
\$ 59,132 \$ 68,682 \$ 96,019 \$ \$ 71,957 \$ 24,187 \$ 10,287 \$	\$ 59,132 \$ 68,682 \$ 96,019 \$ 1,38,130 \$ 1 \$ 71,977 \$ 74,177 \$ 10,287 \$ 32,456 \$	\$ 59,132 \$ 68,682 \$ 96,019 \$ 138,130 \$ 113,541 \$ \$ 10,027 \$ 32,456 \$ 29,123 \$	\$ 59,122 \$ 68,662 \$ 96,019 \$ 138,130 \$ 113,541 \$ 84,867 \$ \$ 11967 \$ 24,117 \$ 10,287 \$ 32,466 \$ 29,123 \$ 25,968 \$
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	\$ 96,019 \$ 138,130 \$ \$ 30,287 \$ 32,456 \$ \$ 256,006 \$ 367,217 \$ \$ 64,920 \$ 80,531 \$ \$ 50,779 \$ 51,64 \$ \$ 16,128 \$ 17,944 \$ \$ 62,172 \$ 70,009 \$ \$ 18,405 \$ 20,856 \$	\$ 96,019 \$   138,150 \$   113,541 \$   \$ 30,287 \$   32,456 \$   29,123 \$   \$ 256,096 \$   367,217 \$   300,984 \$   \$ 64,920 \$   305,31 \$   61,736 \$   \$ 50,779 \$   53,164 \$   47,474 \$   \$ 16,128 \$   17,944 \$   15,934 \$   \$ 62,172 \$   70,009 \$   59,937 \$   \$ 18,405 \$   20,856 \$   18,427 \$	\$ 96,00 \$ 138,10 \$ 113,541 \$ 84,867 \$ \$ 10,287 \$ 32,456 \$ 29,123 \$ 25,968 \$ \$ 256,096 \$ 367,217 \$ 199,084 \$ 23,635 \$ \$ 64,920 \$ 80,531 \$ 61,736 \$ 75,00 \$ \$ 50,779 \$ 52,164 \$ 47,47 \$ 43,208 \$ \$ 16,128 \$ 17,444 \$ 15,934 \$ 13,546 \$ \$ 62,172 \$ 70,009 \$ 59,937 \$ 51,207 \$ \$ 18,405 \$ 20,856 \$ 18,427 \$ 17,238 \$
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Tap Fees Flaw Water PIF

1,000

surface fees are not archided in rate structures

"30" commodes rate increase each sear until commodes rate a equal to District's customer rates

				Monthly Bill		Water Bill			Water Bill		Water Bill	2024		Number	Member		
				Difference	T. T.	Proposed Average Month	Propose		Proposed Annual		Average Months	Total Water Bill	1	METER	Board		
																ı	
\$9.15	\$ 510710	\$ 01	\$ 129	158,256	300.759 \$	\$ 00.5	150.6	99,192 \$	87,124 \$	5 69	58,5	61 708 \$	55 189 \$	5	67,660	erence \$	MM Difference
115.01	21.64  \$	1777 S 1	\$ 204	244,177	307 961 \$	39 \$	239,139	168,833 \$	152,459 \$	\$ 0	115,340	120,182 \$	106,067 \$	\$	131,113	9	Difference
cember	T Dec	Novembe	October	September	32	August	Ż	Ju	Juge	Man	pril	ch Apri	March	February	January	J <sub>I</sub>	

Board	METER	Total Water Bill	Average Months	Proposed Annual	Proposed Average Months	Difference
Member	Number	2024	Water Bill	Water Bilt	Water Bill	Monthly Bill
Lind	11110	\$ 662.61	\$ 55.22	\$ 772.74	\$ 64.40	\$ 918
Strohauer	01656	\$ 629 70	\$ 52.48	32.84	\$ 61.07	\$ 860
Meining	00367	\$ 353.04	\$ 2942	11 601 \$	\$ 34 12	\$ 470
Ulrich	00812	\$ 796.07	\$ 66,34	\$ 933.14	\$ 77.76	S 11 42
Park	00117	\$ 695.07	\$ 57.92	\$ 804.06	\$ 67.01	\$ 908
Timmerman	10800	\$ 181,000,02	\$ 15,083,34	\$ 213,437.62	\$ 17.786.47	\$ 2,703,13
Koldeway	01175	\$ 29,868.66	\$ 2,489.06	\$ 35,227.36	~	\$ 146.56
Beebe Draw Pool	06053	\$ 2,203 44	\$ 183.62	\$ 2,609.24	\$	\$ 33.82
Aurora Dairy	00742	\$ 54,739.02	\$ 1.561.59	\$ 64,730.22	\$ 5,394.19	\$ 832 60
Aurora Dairy	00967	\$ 73,562.52	-	\$	\$	\$ 111147
Kersey Mobile Home	00619	\$ 31,050.27	\$ 2.587.52	\$ 36,823.72	\$ 3,068 64	\$ 481.12
Усе	00240	\$ 262,365,03	\$ 21,863.75	\$ 310,868.88	\$ 25,905.74	\$ 4,041.99
M and I Daley	162.00	\$ 118.10747	40 855 CI 3	171 971 12	11 577 76	\$ 2218.80

## Summary

- Recommendations:
- Increase PIF by \$4,000
- Increase Tiers by the following:

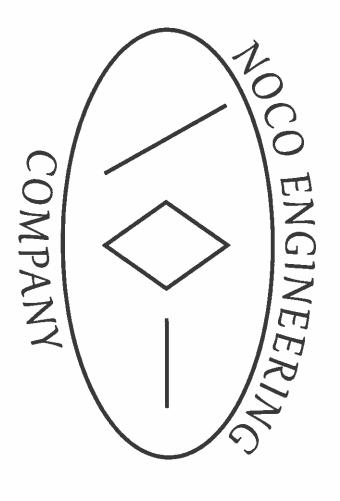
	Tier Level	Ra	Rate Increase
Tier 1	•	<del>⇔</del>	0.30
Tier 2	5,000	<del>\$</del>	0.57
Tier 3	20,000	<del>⇔</del>	0.75
Tier 4	60,000	₩	0.80
Tier 5	150,000	\$	0.80
Monthly Base		\$	4.00

Project Revenue Increase - \$2,026,000

# Questions



# Thank You



### PUBLIC HEARING – ACTION ITEM RATE ADJUSTMENTS FOR THE SURCHARGES, TAP FEE, AND SUPPLEMENTAL SERVICE RATES ITEM NO. 7D JULY 18, 2024

### **Background Summary: ACTION ITEM**

Pursuant to Section §32-1-1001(2)(a), C.R.S., this Public Hearing is to provide an opportunity for interested customers and concerned citizens to provide any input about the proposed rate increases for the Surcharge Rate, Tap Fee Rate, and Supplemental Service Rates, etc. for the Monthly Detailed Rate Schedule and Policies for all customers and municipalities subject to District Rules and Regulations.

The District reserves the right at any time to change the rates and fees of the District as allowed by law through a public rate hearing. Rate increase notifications have been posted on the District's website and in the Greeley Tribune newspaper.

Eff. Date:	Tap Surcharges	Budget Tap Surcharges	Quarter Tap Surcharges
11/1/2019	\$4.00	\$13.00	\$25.00
11/1/2020	\$5.00	\$14.00	\$26.00
11/1/2021	\$7.00	\$14.00	\$26.00
11/1/2022	\$8.00	\$15.00	\$27.00
11/1/2023	\$15.00	\$25.00	\$35.00
11/1/2024*	\$15.00	\$25.00	\$35.00

### **BOARD ACTION SUGGESTED:**

- 1. Approve by Board Resolution the changes to increase the Monthly Detailed Rate Schedule for all customers and municipalities subject to District Rules and Regulations with the changes to be effective November 1, 2024 if there are no public comments.
- 2. Approve by Board Resolution the Surcharge Rate Increase for all customers and municipalities subject to District Rules and Regulations with the changes to be effective November 1, 2024 if there are no public comments.
- 3. Approve by Board Resolution the Tap Fee Rate Schedule for all customers and municipalities subject to District Rules and Regulations with the changes to be effective November 1, 2024 if there are no public comments.

NEW BUSINESS 7D

### CONSUMER CONFIDENCE REPORT ITEM NO. 7E (1-9)

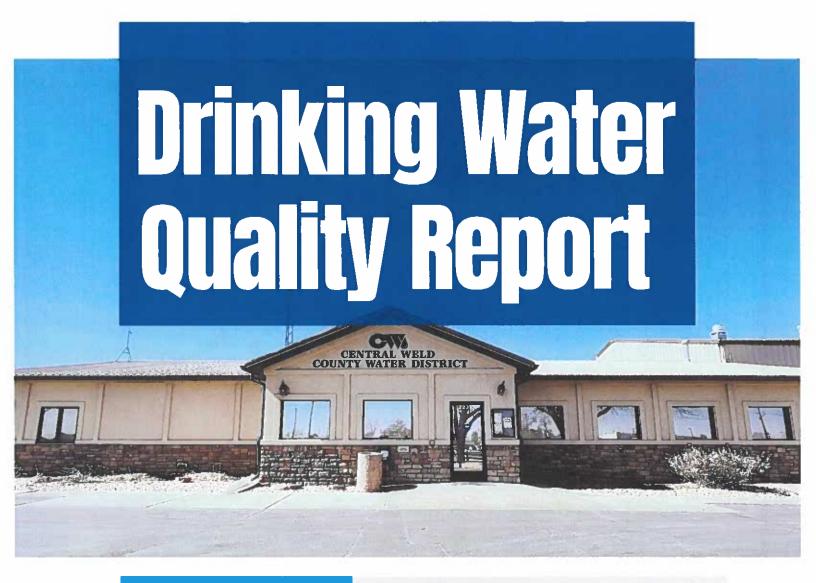
**JULY 18, 2024** 

Attached for your review is the Consumer Confidence Report for calendar year 2023 that is transmitted annually to our customers. The report is also available on our website.

### **BOARD ACTION SUGGESTED:**

Information Only.

NEW BUSINESS 7E



2024

COVERING DATA FOR CALENDAR YEAR 2023
PUBLIC WATER SYSTEM ID: CO 0162122
CONSUMER CONFIDENCE REPORT

### **OFFICE LOCATION AND HOURS:**

CENTRAL WELD COUNTY WATER DISTRICT 2235 2ND AVENUE GREELEY, CO 80631

### **MONDAY - THURSDAY**

8:00 A.M. - 4:30 P.M.

FRIDAY

8:00 A.M - 3:00 P.M.

### **EMERGENCIES AND AFTER HOURS:**

IF YOU HAVE A WATER EMERGENCY AFTER HOURS PLEASE CONTACT OUR OFFICE AT 970-352-1284

THE ANSWERING SERVICE WILL NOTIFY OUR ON CALL TECHNICIAN

### **VISIT OUR WEBSITE FOR MORE INFORMATION:**

WWW.CWCWD.COM

CWCWD 2024 CCR

### THIS REPORT

We are pleased to present to you this years quality report. Our constant goal is to provide you with a safe and dependable supply of drinking water. Please contact Stan linker at 970-352-1284 with any questions or for public participation opportunities that may affect water quality. Please see the water quality data from our wholesale system(s) (either attached or included in this report) for additional information about your drinking water.

In order to ensure that tap water is safe to drink, the Colorado Department of Public Health and Environment prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

### TRACK YOUR WATER USAGE

EyeOn Water and WaterScope are free web and mobile apps to track your water consumption.

Please contact the office to verify if you have a BEACON meter and set up your account today.

Esta es informacion importante. Si no la pueden leer, necesitan que alguien se la traduzca

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Track Your Water Usage

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Unregulated Contaminants Detected Contaminants at Carter Lake Filter Plant VOC's and SOC's Violations

### Page 9

Terminations
Cross Connection Control
Let's Get the Lead Out

### **GENERAL INFORMATION**

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791) or by visiting epa.gov/groundwater-and-drinking-water. Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV-AIDS or other immune system disorders, some elderly, and infants can be particularly at risk of infections. These people should seek advice about drinking water from their health care providers. For more information about contaminants and potential health effects, or to receive a copy of the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and microbiological contaminants call the EPA Safe Drinking Water Hotline at (1-800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- •Microbial contaminants: viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- •Inorganic contaminants: salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- •Pesticides and herbicides: may come from a variety of sources, such as agriculture, urban storm water runoff, and residential uses.
- •Radioactive contaminants: can be naturally occurring or be the result of oil and gas production and mining activities.
- •Organic chemical contaminants: including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and also may come from gas stations, urban storm water runoff, and septic systems.

In order to ensure that tap water is safe to drink, the Colorado Department of Public Health and Environment prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

### SOURCE WATER ASSESSMENT PROTECTION (SWAP)

The Colorado Department of Public Health and Environment may have provided us with a Source Water Assessment Report for our water supply. For general information or to obtain a copy of the report please visit <a href="wqcdcompliance.com/ccr">wqcdcompliance.com/ccr</a>. The report is located under "Guidance: Source Water Assessment Reports". Search the table using our system name or ID, or by contacting STAN LINKER at 970-352-1284. The Source Water Assessment Report provides a screening-level evaluation of potential contamination that could occur. It does not mean that the contamination has or will occur. We can use this information to evaluate the need to improve our current water treatment capabilities and prepare for future contamination threats. This can help us ensure that quality finished water is delivered to your homes. In addition, the source water assessment results provide a starting point for developing a source water protection plan. Potential sources of contamination in our source water area are listed on the next page.

Please contact us to learn more about what you can do to help protect your drinking water sources, any questions about the Drinking Water Quality Report, to learn more about our system, or to attend scheduled public meetings. We want you, our valued customers, to be informed about the services we provide and the quality water we deliver to you every day.

### WATER SOURCES

CENTRAL WELD COUNTY WATER DISTRICT SOURCES (WATER TYPE - SOURCE TYPE)	POTENTIAL SOURCE(S) OF CONTAMINATION
MASTER METER CONNECTION 402 (SURFACE WATER-CONSECUTIVE CONNECTION)  BERTHOUD MASTER METER CONNECTION (SURFACE WATER-CONSECUTIVE CONNECTION)  LEFT HAND MASTER METER COUNTY RD 12 (SURFACE WATER-CONSECUTIVE CONNECTION)  LEFT HAND MASTER METER COUNTY RD 6 (SURFACE WATER-CONSECUTIVE CONNECTION)  PUR CARTER LAKE 135476 SW (SURFACE WATER-CONSECUTIVE CONNECTION)  MASTER METER CONNECTION 401 (SURFACE WATER-CONSECUTIVE CONNECTION)	THERE IS NO SWAP REPORT, PLEASE CONTACT STAN LINKER AT 970-352-1284 WITH QUESTIONS REGARDING POTENTIAL SOURCES OF CONTAMINATION.
CARTER LAKE WATER SOURCES (WATER TYPE - SOURCE TYPE)	POTENTIAL SOURCE(S) OF CONTAMINATION
PURCHASED WATER FROM CARTER LAKE CO0135476 (SURFACE WATER-INTAKE)  CARTER LAKE (SURFACE WATER-INTAKE)  DRY CREEK RESERVOIR (SURFACE WATER-RESERVOIR)	EPA HAZARDOUS WASTE GENERATORS, SITES: EPA CHEMICAL INVENTORY/STORAGE, EPA TOXIC RELEASE INVENTORY, PERMITTED WASTEWATER DISCHARGE, ABOVEGROUND, UNDERGROUND & LEAKING STORAGE TANK, SOLID WASTE, EXISTING/ABANDONED MINE. OTHER FACILITIES: COMMERCIAL/INDUSTRIAL/TRANSPORTATION, LOW INTENSITY RESIDENTIAL, URBAN REC GRASSES, ROW CROPS, FALLOW, SMALL GRAINS, PASTURE/HAY, DECIDUOUS FOREST, EVERGREEN FOREST, MIXED FOREST, SEPTIC SYSTEMS, OIL/GAS WELLS, ROAD MILE

### LEAD IN DRINKING WATER

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact STAN LINKER at 970–352-1284.

Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <a href="mailto:epa\_gov/safewater/lead">epa\_gov/safewater/lead</a>.

### TERMS AND ABBREVIATIONS

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant, below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Health Based: A violation of either a MCL or

Not Applicable (N/A): Does not apply or not available.

**Non-Health-Based**: A violation that is not a MCL or TT

Variance and Exemptions (V/B): Department permission not to meet a MCL or treatment technique under certain conditions.

**Gross Alpha:** Gross alpha particle activity compliance value. It includes radium-226, but excludes radon 222, and uranium.

Picocuries per liter (pCi/L): Measure of the radioactivity in water.

Average (x-bar): Typical value.

Range (R): Lowest value to the highest value.

**Violation (No Abbreviation):** Failure to meet a Colorado Primary Drinking Water Regulation.

**Maximum Contaminant Level (MCL)**: The highest level of a contaminant allowed in drinking water.

Level 2 Assessment: A very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Formal Enforcement Action (No Abbreviation): Escalated action taken by the State (due to the risk to public health, or number or severity of violations) to bring a non-compliant water system back into compliance.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment and other regulatory requirements.

Nephelometric Turbidity Unit (NTU): Measure of the clarity or cloudiness of water. Turbidity in excess of 5 NTU is just noticeable to the typical person.

Sample Size (n): Number or count of values (i.e. number of water samples collected).

Parts per million = Milligrams per liter (ppm = mg/L): One part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion = Micrograms per liter (ppb = ug/L): One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Compliance Value (No Abbreviation): Single or calculated value used to determine if regulatory contaminant level (e.g. MCL) is met. Examples of calculated values are the 90th Percentile, Running Annual Average (RAA) and Locational Running Annual Average (LRAA).

Maximum Residual Disinfectant Level (MRDL):
The highest level of a disinfectant allowed in
drinking water. There is convincing evidence that
addition of a disinfectant is necessary for control
of microbial contaminants.

### **DETECTED CONTAMINATS**

Central Weld County Water District routinely monitors for contaminants in your drinking water according to Federal and State laws. The following table(s) show all detections found in the period of January 1 to December 31, 2023 unless otherwise noted. The State of Colorado requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. Therefore, some of our data, though representative, may be more than one-year-old. Violations and Formal Enforcement Actions, if any, are reported in the next section of this report. The Average Total Hardness = 33 mg/L (Less than 60 mg/L is considered soft).

Note: Only detected contaminants sampled within the last 5 years appear in this report. If no tables appear in this section, then no contaminants were detected in the last round of monitoring.

### Disinfectants Sampled in the Distribution System

TT Requirement: At least 95% of samples per period (month or quarter) must be at least 0.2 ppm OR If sample size is less than 40 no more than 1 sample is below 0.2 ppm

### Typical Sources: Water additive used to control microbes

DISINFECTANT NAME	TIME PERIOD	RESULTS	NUMBER OF SAMPLES BELOW LEVEL	SAMPLE SIZE	TT VIOLATION	MRDL
CHLORINE	DECEMBER 2023	LOWEST PERIOD PERCENTAGE OF SAMPLES MEETING TT REQUIREMENTS: 100%	0	9	NO	4.0 PPM

### DISINFECTION BYPRODUCTS SAMPLED IN THE DISTRIBUTION SYSTEM

NAME	YEAR	AVERAGE	RANGE LOW - HIGH	SAMPLE SIZE	UNIT OF MEASURE	MCL	MCLG	MCL VIOLATION	TYPICAL SOURCES
TOTAL HALOACETIC ACIDS (HAA5)	2023	42.67	30.2 TO 58.5	8	PPB	60	N/A	NO	BYPRODUCT OF DRINKING WATER DISINFECTION
TOTAL TRIHALOMETHANES (TTHM)	2023	38.89	26 TO 52.1	8	PPB	80	N/A	NO	BYPRODUCT OF DRINKING WATER DISINFECTION

### LEAD AND COPPER SAMPLED IN THE DISTRIBUTION SYSTEM

	TAMINANT NAME	TIME PERIOD	90TH PERCENTILE	SAMPLE SIZE	UNIT OF MEASURE	90TH PERCENTILE AL	SAMPLE SITES ABOVE AL	90TH PERCENTILE AL EXCEEDENCE	TYPICAL SOURCES
	LEAD	07/01/2023 TO 07/31/2023	2.9	33	PPB	15	1	NO	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS
C	COPPER	07/01/2023 TO 07/31/2023	0.24	33	PPM	1.3	0	NO	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS

### **UNREGULATED CONTAMINANTS\*\*\***

EPA has implemented the Unregulated Contaminant Monitoring Rule (UCMR) to collect data for contaminants that are suspected to be present in drinking water and do not have health-based standards set under the Safe Drinking Water Act. EPA uses the results of UCMR monitoring to learn about the occurrence of unregulated contaminants in drinking water and to decide whether or not these contaminants will be regulated in the future. We performed monitoring and reported the analytical results of the monitoring to EPA in accordance with its Unregulated Contaminant Monitoring Rule (UCMR). Once EPA reviews the submitted results, the results are made available in the EPA's National Contaminant Occurrence Database (NCOD) (epa.gov/dwucmr/national-contaminant-occurrence-database-ncod) Consumers can review UCMR results by accessing the NCOD. Contaminants that were detected during our UCMR sampling and the corresponding analytical results are provided below.

\*\*\*More information about the contaminants that were included in UCMR monitoring can be found at: <a href="mailto:drinktap.org/Water-Info/Whats-in-My-Water/Unregulated-Contaminant-Monitoring-Rule-UCMR">drinktap.org/Water-Info/Whats-in-My-Water/Unregulated-Contaminant-Monitoring-Rule-UCMR</a>. Learn more about the EPA UCMR at: <a href="mailto:epa.gov/dwucmr/learn-about-unregulated-contaminant-monitoring-rule">epa.gov/dwucmr/learn-about-unregulated-contaminant-monitoring-rule</a> or contact the Safe Drinking Water Hotline at (800) 426-4791 or <a href="mailto:epa.gov/ground-water-and-drinking-water">epa.gov/ground-water-and-drinking-water</a>.

### DETECTED CONTAMINANTS AT CARTER LAKE FILTER PLANT:

The Carter Lake Filter Plant routinely monitors for contaminants in your drinking water according to Federal and State laws. The following tables show all detections found in the period of January 1 to December 31, 2023 unless otherwise noted. The State of Colorado requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. Therefore, some of our data, though representative, may be more than one year old. Violations and Formal Enforcement Actions, if any, are re-ported in the next section of this report.

Note: Only detected contaminants sampled within the last 5 years appear in this report. If no tables appear in this section then no contaminants were detected in the last round of monitoring.

### INORGANIC CONTAMINANTS SAMPLED AT THE ENTRY POINT TO THE DISTRIBUTION SYSTEM

CONTAMINANT NAME	YEAR	AVERAGE	RANGE LOW - HIGH	SAMPLE SIZE	UNIT OF	MCL	MCLG	MCL VIOLATION	TYPICAL SOURCES
BARIUM	2023	0.01	0.01 TO 0.0121	2	PPM	2	2	NO	DISCHARGE OF DRILLING WASTES; DISCHARGE FROM METAL REFINERIES; EROSION OF NATURAL DEPOSITS
FLUOURIDE	2022	0.59	0.54 TO 0.65	2	PPM	4	4	NO	EROSION OF NATURAL DEPOSITS; WATER ADDITIVE WHICH PROMOTES STRONG TEETH; DISCHARGE FROM FERTILIZER AND ALUMINUM FACTORIES
NITRATE	2023	0.09	0.09 to 0.1	2	Ppm	10	10	NO	RUNOFF FROM FERTILIZER USE; LEACHING FROM SEPTIC TANKS; SEWAGE; EROSION OF NATURAL DEPOSITS

### SUMMARY OF TURBIDITY SAMPLED AT THE TREATMENT PLANTS

CONTAMINANT NAME	SAMPLE DATE	LEVEL DETECTED	TT REQUIREMENT	TT VIOLATION	TYPICAL SOURCES
TURBIDITY	MARCH 2023	HIGHEST SINGLE MEASUREMENT 0.24 NTU	MAXIMUM 1 NTU FOR ANY SINGLE MEASUREMENT	NO	SOIL RUNOFF
TURBIDITY	DECEMBER 2023	LOWEST MONTHLY PERCENTAGE OF SAMPLE MEETING TT REQUIREMENT FOR OUR TECHNOLOGY: 100%	IN ANY MONTH, AT LEAST 95% OF SAMPLES MUST BE LESS THAN 0.1 NTU	NO	SOIL RUNOFF

### RADIONUCLIDES SAMPLED AT THE ENTRY POINT TO THE DISTRIBUTION SYSYEM

CONTAMINANT NAME	YEAR	AVERAGE	RANGE LOW - HIGH	SAMPLE SIZE	UNIT OF MEASURE	MCL	MCLG	MCL VIOLATION	TYPICAL SOURCES
GROSS ALPHA	2019	1.8	1.8 TO 1.8	1	pCi/L	15	0	NO	EROSION OF NATURAL DEPOSITS
COMBINED RADIUM	2019	1,1	1.1 TO 1.1	1	pCi/L	5	0	NO	EROSION OF NATURAL DEPOSITS

### DISINFECTION BYPRODUCTS SAMPLED IN THE DISTRIBUTION SYSTEM

NAME	YEAR	AVERAGE	RANGE LOW - HIGH	SAMPLE SIZE	UNIT OF MEASURE	MCL	MCLG	MCL VIOLATION	TYPICAL SOURCES
CHLORITE	2023	0.39	0.2 TO 0.77	12	PPB	1.0	.8	NO	BYPRODUCT OF DRINKING WATER DISINFECTION

SECONDARY CONTAMINANTS\*\* SAMPLED BY CARTER LAKE FILTER PLANT

\*\*SECONDARY STANDARDS ARE <u>NON-ENFORCEABLE</u> GUIDELINES FOR CONTAMINANTS THAT MAY
CAUSE COSMETIC EFFECTS (SUCH AS SKIN, OR TOOTH DISCOLORATION) OR AESTHETIC EFFECTS

(SUCH AS TASTE, ODOR, OR COLOR) IN DRINKING WATER.

NAME	YEAR	AVERAGE	RANGE LOW - HIGH	SAMPLE SIZE	UNIT OF MEASURE	SECONDARY STANDARD
SODIUM	2023	8.84	8.76 TO 8.93	2	PPM	N/A

### VOC'S AND SOC'S SAMPLED BY CARTER LAKE FILTER PLANT

The 21 volatile organic compounds (VOC'S) tested for in 2023 were all below detection limits. The 32 synthetic organic compounds (SOC'S) tested for in 2023 were all below the detection limits.

### VIOLATIONS, SIGNIFICANT DEFICIENCIES AND FORMAL ENFORCEMENT ACTIONS

Health-Based Violations

No Violations or Formal Enforcement Actions.

### TERMINATIONS AND RESTORATIONS:

Please remember, owners are ultimately responsible for payment of their account and remain responsible even when tenant occupied. The District will not seek collection for final payment from any previous tenant. If an account becomes past due, both tenant and owner will receive a past due notice. Water is subject to shut off and applicable restoration fees will be applied.

All fees in arrears must be paid before water service can be restored. In accordance with Colorado law, all unpaid fees and penalties or charges shall constitute a perpetual lien against the property served and any such lien may be foreclosed in the same manner as provided by the laws of the State of Colorado for the foreclosure of mechanics' liens. This does not waive any owner's responsibility for payment. Please call the office if payment arrangements are needed. A terminated account must be paid in full, including restoration fees, before 3pm for same day restoration. It is your responsibility to notify the office if an online payment is made as these payments are not updated until the next business day.

The website www.cwcwd.com is used for updates or to list additional information. The website can be accessed through your mobile device for quick updates or to pay your bill.

### CROSS CONNECTION CONTROL BACKFLOW

The Colorado Department of Public Health & Environment (CDPHE) requires every municipal water supplier to develop, implement, and maintain a comprehensive Cross Connection Control Program designed to safeguard the public water supply. CWCWD, as required by regulations, has adopted such a program. For the District to remain compliant, cooperation from all residential and commercial property owners is essential and a critical part of this program. Should you ever receive any requests for information from CWCWD or our subcontractor Aqua Backflow, who manages this program for the District, please respond accordingly. Aqua Backflow specializes in cross connection control program management and is familiar with the regulations and requirements for testing, repairs, and maintenance of backflow devices. If you have or require backflow protection because you have a fire sprinkler system, alternate water source, or similar, compliance is mandatory with these regulations. One of the requirements of the program is to conduct a survey of Central Weld County Water District customers. Some surveys will be in person, some will be by mail and some will be a combination of both.

### Let's Get the Lead Out! Help Us Protect Your Health

New state and federal laws require us to inventory all water service lines in our service area. A service line is the underground pipe that carries water from the water main into your home or building. We need to determine the material that your service line is made of, which means we will need your help. Drinking water is free from lead when it leaves our water treatment plant. Knowing your service line material is very important for your health and safety!

We will be required to verify a percentage % of our customer's service lines which means we will be notifying those individuals and making appointments to come onsite with our contractor.

Thank you for your assistance!

### CHIMNEY HOLLOW OVERLOOK TOUR ITEM NO. 7F

**JULY 18, 2024** 

The District Board and Staff are scheduled to go on the Chimney Hollow Overlook Tour from Northern Colorado Water Conservancy District on **July 29**<sup>th</sup>.

Please let Stan know if you will meet at the NCWCD offices in Berthoud or if you would like a ride to Berthoud from the District's offices in Greeley.

### **BOARD ACTION SUGGESTED:**

As appropriate by Board.

NEW BUSINESS 7F