

# CENTRAL WELD COUNTY WATER DISTRICT

## BOARD MEETING AGENDA

2235 2<sup>nd</sup> Avenue – Greeley, CO  
AUGUST 15, 2024

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

Katie Strohauser, 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 JULY 18, 2024
- ITEM 4: FINANCIAL REPORTS  
A. Approval of Current Bills  
B. Fund Investments  
C. Budget Reports
- ITEM 5: STAFF REPORTS  
A. Incoming Correspondence  
B. 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. CBT History  
D.  
E.  
F.  
G.
- ITEM 8: ADJOURNMENT

# **PUBLIC COMMENT**

## **ITEM NO. 2**

**AUGUST 15, 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 [www.cwcwd.com/contact](http://www.cwcwd.com/contact).

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 (1-7)**

**AUGUST 15, 2024**

## MINUTES FOR CENTRAL WELD COUNTY WATER DISTRICT REGULAR BOARD MEETING JULY 18, 2024

The Regular meeting of the Board of Directors of Central Weld County Water District was held on Thursday, July 18, 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: Josh Cook; NEC Engineering, Wesley LaVanchy; WEL Consulting, David Brand; Town of Platteville, Julie Pasillas and Rusti Roberto; Town of Firestone, and Greg Johnson; Bigfoot Turf Farms.

**PUBLIC COMMENTS:** Greg Johnson of Bigfoot Turf Farms addressed the board regarding his five taps and surcharges and allotments.

### **MINUTES:**

The Minutes of the May 16, 2024 meeting were reviewed by the Board. Peter Ulrich moved and Albert L. Lind seconded to approve the Minutes as written. Motion Passed.

### **FINANCIAL REPORTS:**

The financial reports were reviewed for the months of June and July. The increase in GIS expenses is for updates regarding the lead service line project. The NCC bill increase was for leaks, lead service line potholing, and the lowering of the 12" line and 24" line in Frederick and Dacono. Albert L. Lind moved and Peter Ulrich 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 its portion of engineering and fees. The 2025 Budget amount should be \$3,500,000 for the District.

Regular Board Meeting July 18, 2024

**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) Sanitary Survey results were received with no violation but suggestions on a few screens to install 2) Backflow testing changes being made that will affect who can test backflow devices 3) CW repaired a leak on the 20" steel line at CLFP 4) the new audit firm is behind schedule and the District will need to file an extension for the 2023 audit 5) relocation 12" line at Colo Blvd & Bella Rose for Town of Frederick installing new culvert 6) Relocation of 12" line & 24" line at County Road 11 & 12 for new drainage culvert being installed by City of Dacono

**CARTER LAKE FILTER PLANT:**

The average flows for May were 18.9 MGD and 27.9 MGD for June. The filters have been ordered. All of the piping is installed for Dry Creek. Received approval for S10N Version 2 modules from CDPHE for the North Plant. Two new employees have been hired. They will start work on the exterior painting issues on the 7 MG tank the end of July.

**TAP FEE AGREEMENTS:**

The Tap Fee Agreements were reviewed:

	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

T. Scott Meining moved and Peter Ulrich seconded to approve the Tap Fee Agreement. Motion passed.

**ALLY UTILITY CONSULTING:**

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.

**RATE PRESENTATION:**

Josh Cook from NEC Engineering and Wes LaVanchy gave a Rate Presentation to the Board and a brief debt analysis for the proposed rates effective November 1, 2024. The current base rate for District customers is \$23.12. The proposed base rate would be \$27.12 for District customers and municipalities. It is proposed that the District continue using Tier Rates based on Tap Equivalents and water usage. The District continues to see increased costs in tank storage, chemicals, and overall maintenance of an aging system. The rates continue to be reviewed on an annual basis. Josh Cook explained to the town

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**RATE PRESENTATION con't:**

representatives that they do not exceed usage into Tier three, four, or five which Julie Pasillas of the Town of Firestone disagreed. In the high usage month's of June through September it is very possible that a town could exceed usages and that Tier Three, Four, and Five could be charged or if the NCWCD's quota is set below 70%, those higher tiers could also be exceeded. The Town of Platteville's representative, David Brand, asked what kind of increases their town would see. The new rate calculators will be sent to each town for their use and town meetings can be set up for further information if needed.

The current rates are as follows:

Previous	Rate Increase	Proposed Rate	
\$ 2.70	\$ 0.30	\$ 3.00	Tier 1
\$ 3.13	\$ 0.57	\$ 3.70	Tier 2
\$ 3.75	\$ 0.75	\$ 4.50	Tier 3
\$ 4.50	\$ 0.80	\$ 5.30	Tier 4
\$ 4.50	\$ 0.80	\$ 5.30	Tier 5
\$ 23.12	\$ 4.00	\$ 27.12	Base

## Proposed Rate Structure

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

Base	\$ 27.12	Per T.E.	Cost
Tier 1	-	4,000	\$ 3.00
Tier 2	5,000	19,000	\$ 3.70
Tier 3	20,000	59,000	\$ 4.50
Tier 4	60,000	149,000	\$ 5.30
Tier 5	150,000		\$ 5.30

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**RATE PRESENTATION con't:**

The major Capital Improvement projects that the District will incur are as follows:

NISP	\$170 million
Frederick 30" Waterline	\$5 million
36" Eastern Waterline Extension	\$25 million
CLFP Membrane Replacement	\$1.8 million
CLFP DAF	\$24 million
East I25 Water Treatment Plant	\$65 million

◆ **Recommendations:**

– Increase Tiers by the following:

	Tier Level	Rate Increase
Tier 1	-	\$ 0.30
Tier 2	5,000	\$ 0.57
Tier 3	20,000	\$ 0.75
Tier 4	60,000	\$ 0.80
Tier 5	150,000	\$ 0.80
Monthly Base		\$ 4.00

– Project Revenue Increase - \$2,026,000

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**RATE PRESENTATION con't:**

The current rates for Tap Fees and Surcharges were recommended to remain the same. The Tap Fees for the District are based on the Market Value of CBT water shares plus installation and CIF fees.

Meter Size	5/8" Tap Equivalent	Study Fee	Capital Investment Fee Eff. 11/1/22	Installation Fee	C.B.T Raw Water Fee (NCWCD)	EX: If Market Value = \$70,000 per Acre Foot	Annual Allotment (Metered Gallons) Eff. 2/1/2020
Quarter	0.25	\$50	\$12,000	\$2,000	Market Value	\$ 31,500.00	57,000
Budget	0.5	\$50	\$12,000	\$2,000	Market Value	\$ 49,000.00	114,000
5/8"	1	\$50	\$12,000	\$2,000	Market Value	\$ 84,000.00	228,000
3/4"	1.5	\$75	\$18,000	\$3,000	Market Value	\$ 126,000.00	342,000
1"	2.5	\$125	\$30,000	\$5,000	Market Value	\$ 210,000.00	570,000
1 1/2"	5	\$250	\$60,000	\$10,000	Market Value	\$ 420,000.00	1,140,000
2"	8	\$400	\$96,000	\$16,000	Market Value	\$ 672,000.00	1,824,000
3"	15	\$750	\$180,000	\$30,000	Market Value	\$ 1,260,000.00	3,420,000
4"	25	\$1,250	\$300,000	\$50,000	Market Value	\$ 2,100,000.00	5,700,000
6"	50	\$2,500	\$600,000	\$100,000	Market Value	\$ 4,200,000.00	11,400,000
8"	80	\$4,000	\$960,000	\$160,000	Market Value	\$ 6,720,000.00	18,240,000

The surcharge rates were increased in 2023 and have proven effective for both conservation and securing additional water rights. The surcharge rates are recommended to remain the same for 2024.

Eff. Date:	Tap Surcharges	Budget Tap Surcharges	Quarter Tap Surcharges
prior yrs	\$0.18	\$0.00	N/A
11/1/2016	\$1.00	\$10.00	N/A
11/1/2017	\$2.00	\$11.00	N/A
11/1/2018	\$3.00	\$12.00	N/A
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

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**PUBLIC HEARING – ACTION ITEM**

**RATE ADJUSTMENTS FOR SUPPLEMENTAL SERVICE RATES, SURCHARGES, AND TAP FEES:**

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 Supplemental Service Rates 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.

The base rate of \$23.12 will increase to \$27.12 for the Monthly Detailed Rate Schedule for all customers and municipalities with the usage tier remaining at zero usage unless otherwise specified. This rate increase will take affect November 1, 2024. The District bills per thousand gallons. The towns with a base rate of 3,000 gallons base water will decrease to 2,000 gallons. The Tier Rates for all customers and municipalities will increase from Tier One \$2.70 to \$3.00; Tier Two \$3.13 to \$3.70; Tier Three \$3.75 to \$4.50; and Tiers Four and Five \$4.50 to \$5.30.

Base	\$	27.12	Per T.E.	Cost
Tier 1		-	4,000	\$ 3.00
Tier 2		5,000	19,000	\$ 3.70
Tier 3		20,000	59,000	\$ 4.50
Tier 4		60,000	149,000	\$ 5.30
Tier 5		150,000		\$ 5.30

The rate schedule for the Town of Dacono, Frederick, Firestone, and Kersey assesses a monthly minimum charge equal to 40% of the retail customer minimum charge which will increase from \$9.25/month to \$10.85/month (0.4 x \$27.12) per 5/8” equivalent meter times the number of tap equivalents certified by each town on a monthly basis. When the town’s monthly usage is above the minimum, the town will be billed at the District’s rates in effect for the largest volume usage. Notices will be sent to all District customers. Albert L. Lind moved and T. Scott Meining seconded to no make changes to the Surcharge Fees or Tap Fees but to 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, 2023. Motion passed.



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**CONSUMER CONFIDENCE REPORT:**

The Board reviewed the Consumer Confidence Report for calendar year 2023 that was transmitted to all customers and municipalities by the required deadlines. The report is also available on the District's website.

**CHIMNEY HOLLOW OVERLOOK TOUR:**

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>.

There being no further business to be brought before the Board, the meeting was adjourned at approximately 2:36 P.M.

(SEAL)

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T. Scott Meining, Secretary/Treasurer

## **CURRENT BILLS**

**ITEM NO. 4A (1-4)**

**AUGUST 15, 2024**

### **Background Summary:**

Attached for your review are the bills paid for current bills received and paid in July and August.

**RECURRING BILLS:**

**AUGUST 2024**

Aflac	Insurance	1161.75
Always An Answer	Answering Service	158.00
Atmos Energy	Office/Field Utilities (est.)	700.00
Carter Lake Filter Plant	Dry Creek-4,228.41; Operations-239,655.22; NC-665,513.49; M&R-1,052.00	910,449.12
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	5,146.49
CWCWD Employees	Salaries (est.)	56,000.00
Data Print	UB Bills Postage	1,904.55
First Class Security	Alarm Monitoring (Quarterly)	72.00
First National Bank	Fed/Witholding; 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	1,347.66
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	1,007.49
Verizon Wireless	M&R	1,222.00
Xcel Energy	Office/Field Utilities (est.)	1,000.00
Xerox Corporation	Office Exp	496.25
	<b>SUB TOTAL</b>	<b>1,045,771.10</b>

Adams Group LLC	Professional Fees	10,000.00
Ally Utility Consulting	Professional Fees	15,087.25
Badger Meter	M&R	1,181.36
Cintas	Office Exp	145.00
Clear Water Solutions	Prof Fees	2,666.84
Core & Main	M&R	2,056.86
Data West	Office Exp	268.90
First National Bank	M&R-611.80; Office Exp- 5,986.01; Auto Exp-794.69	7,392.50
Hamre, Rodriguez, Ostrander & Prescott	Professional Fees	2,125.00
Home Depot	M&R	47.36
John Deere Financial	M&R	64.99
Kepner	NC & Inventory	56,715.74
Knudson Fazio LLC	Line Ext Rebate	22,000.00
LaSalle Oil	Auto Exp	1,332.56
Lohr Inc	M&R	260.00
Metron-Farnier LLC	Inventory	6,018.48
M&O Tires	Auto Exp	1,022.20
Northern Colo Constructors	M&R - 78,658.29; Office - 2,500.00; GIS/GPS - 8,000.00; NC - 307,579.36	396,737.65
NOCO Engineering	Professional Fees	35,920.00
Office Depot	Office Exp	483.48
Ottem Electronics	Chlorine Exp	50.00
Raptor Materials	M&R	78.74
Terminix	Office/Whse Exp	178.00
Warehouse Supply	M&R	5.20

CURRENT BILLS  
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AUGUST 15, 2024

Watts Hydraulics	Auto Exp	165.87
WEL Consulting	Professional Fees	6,000.00
Weld County Garage	Auto Exp	111.71
Weld County Health	Water Samples	541.80
WEX Bank - Fleet	Auto Exp	2,600.13
Whiteside's	Office Exp	569.95

**SUB TOTAL** **571,827.57**

**TOTAL** **1,617,598.67**

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.

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**Board Member**

PAID BILLS JULY 2024

BEG. BALANCE JULY 1, 2024	\$	668,796.39
FUNDS TRANSFER	\$	(1,906,498.00)
DEPOSITS	\$	3,031,882.34
<b>SUB TOTAL</b>	<b>\$</b>	<b>1,794,180.73</b>

	Recurring Utilities	
Aflac	Insurance	2,753.91
Always an Answer	Office Exp	156.50
Atmos Energy	Office/Field Utilities	67.31
Carter Lake Filter Plant	Dry Creek-10,665.95; Operations-238,903.01; NC-30,385.37	279,954.33
CEBT	Health Insurance	46,339.10
City of Greeley	Office Utility	162.50
Colorado Dept. of Revenue	Taxes	3,853.00
Comcast	Office Utilities	1,431.61
CorKat Data	Office Exp	5,146.49
CWCWD Employees	Salaries	70,252.71
DataPrint	Office Exp	1,808.15
First Class Security	Alarm Monitoring (Quarterly)	72.00
First National Bank	Fed/Wholding;Medicare; SS	27,689.87
Greeley Gopher	Office Expense	291.20
Lincoln National	Retirement	10,367.69
NCR Payment Solutions	Office Exp	933.57
Poudre Valley REA	Field Utilities	246.35
United Power	Field Utilities	1,126.11
UNCC	M&R	1,102.95
Verizon Wireless	M&R	1,138.05
Xcel Energy	Office/Field Utilities	1,538.80
Xerox	Office Exp	496.25
	<b>SUB TOTAL</b>	<b>456,928.45</b>

Ace Hardware	M&R	56.47
Badger Meter	M&R	6,489.37
Buckeye Welding	M&R	61.20
Candlelight Dinner Theatre	Office Exp	1,988.40
Cintas	Office Exp	233.43
Clear Water Solutions	Prof Fees	2,131.36
Colo State Treasurer	Unemployment	613.22
Colo Rural Water	Office Exp	450.00
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
HayDuke	Bulk Hyd Refund	794.95
Home Depot	M&R	142.85
Kepner	NC	169,523.33
Larimer County	ROW Permit	100.00
LaSalle Oil	Auto Exp	1,379.93
Lohr Inc	M&R	260.00
Lube On the Move	Auto Exp	220.04
M&O Tires	Auto Exp	1,342.20
McForms	Office Exp	1,224.24

CURRENT BILLS  
ITEM NO. 4A (1-4)  
AUGUST 15, 2024

<b>NEWCO</b>	<b>M&amp;R</b>	<b>27.16</b>
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
Northern Colo Water Conservancy Dist	Windy Gap C&E	247,419.00
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
Stevens Automotive	Auto Exp	502.76
TimberLine Electric	M&R	4,857.78
Treatment Technology	M&R	1,801.00
2 Bros Construction	Bulk Hyd Refund	1,237.99
Union Colony Insurance	Dry Creek Insurance	25,325.00
Warehouse Supply	M&R	285.35
WEL Consulting	Professional Fees	6,000.00
Weld County Public Works	NC	639.00
WEX Bank - Fleet	Auto Exp	3,206.03

\*Denotes Bills paid after Board meeting\*

Subtotal 763,655.19

**BANK BALANCE JULY 31, 2024** **\$ 573,597.09**

# **FUND INVESTMENTS**

## **ITEM NO. 4B (1-2)**

**AUGUST 15, 2024**

### **Background Summary:**

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

FUNDS INVESTMENT  
FOR  
FINANCIAL REPORTS

FUNDS

FNBO - Checking Balance	\$ 589,276.07
FNBO - Savings Balance	\$ 3,324,029.26
CD Balance	\$ 95,000.00
Colostrust Balance	\$ 31,167,624.52
CSAFE Balance	\$ 4,963,061.14
<b>TOTAL REVENUE</b>	<b>\$ 40,138,990.99</b>
Less Remaining Expense Balance	\$ (24,617,324.50)
Less Bond Payment	\$ (3,510,350.00)
<b>PROJECTED EXPENSES</b>	<b>\$ (28,127,674.50)</b>

<b>BALANCE:</b>
<b>\$ 12,011,316.49</b>

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	298,113.50	300,000.00	1,886.50
Frederick Waterline Construction	0.00	2,700,000.00	2,700,000.00
CLFP PreTreatment Design	1,656,539.00	1,200,000.00	-456,539.00
CLFP PreTreatment Construction	648,270.00	23,000,000.00	22,351,730.00
Eastern Regional Treatment Plant Design	230,306.00	200,000.00	
Eastern Regional Treatment Plant Land Purchase	1,000,000.00	1,000,000.00	
	<u>75,863,741.04</u>	<u>89,411,680.00</u>	<u>24,617,324.50</u>



FUNDS INVESTMENT  
FOR  
FINANCIAL REPORTS

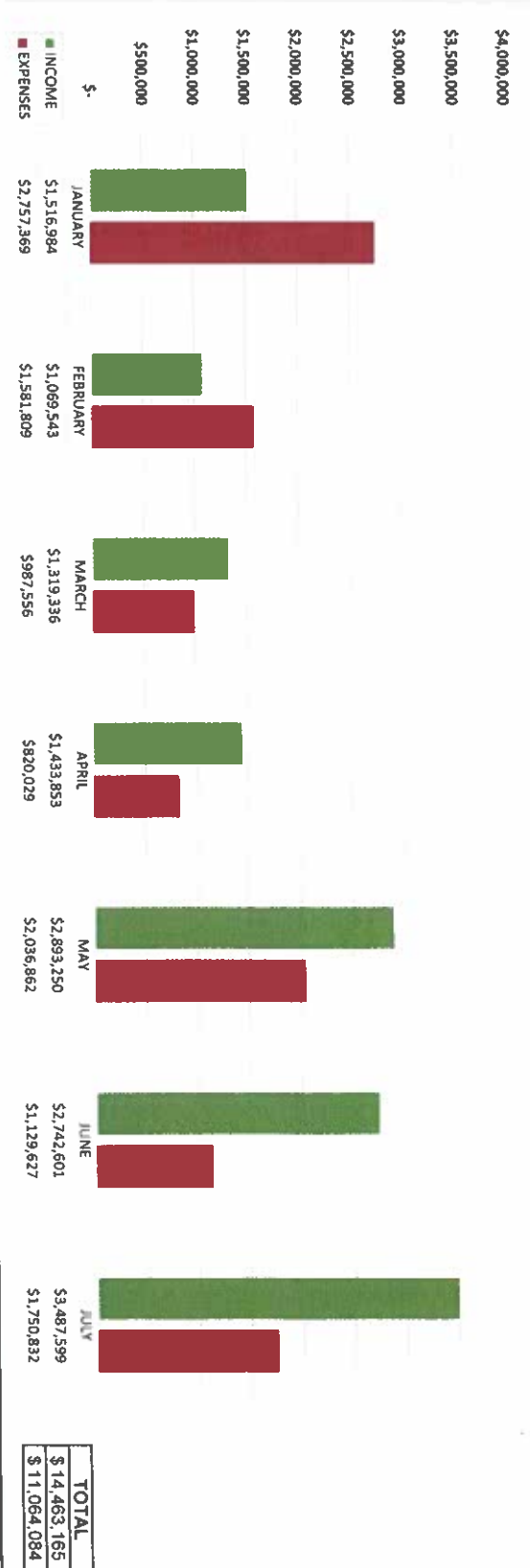
FUNDS INVESTMENT SUMMARY:

Name	Beg Balance	Fund Transfers	Interest	Rate	Current Balance
First Nat'l Checking	\$ 692,653.33				\$ 589,276.07
First Nat'l Savings	\$ 1,812,327.54	\$ 1,506,498.00	\$ 5,203.72	2.57%	\$ 3,324,029.26
CSAFE Bond Series	\$ 4,940,290.78		\$ 22,770.36	5.41%	\$ 4,963,061.14
Colotrust Prime	\$ 93,670.55		\$ 420.89	5.2936%	\$ 94,091.44
Colotrust Plus	\$21,182,528.11		\$ 97,486.14	5.4221%	\$ 21,280,014.25
Colotrust Assessments	\$ 321,984.87		\$ 1,446.76	5.2936%	\$ 323,431.63
Colotrust NISP	\$ 6,226,435.85		\$ 28,655.28	5.4221%	\$ 6,255,091.13
Colotrust Retirement Fund	\$ 547,167.79		\$ 2,518.18	5.4221%	\$ 549,685.97
Colotrust Water Rights	\$ 3,028.01		\$ 13.95	5.4221%	\$ 3,041.96
Colotrust Bond Series	\$ 77,703.88		\$ 357.60	5.4221%	\$ 78,061.48
Colotrust Flood	\$ 2,572,368.13		\$ 11,838.53	5.4221%	\$ 2,584,206.66
2013 Paid Flood Expenses	\$ (3,335,011.24)				
Accumulated Flood Interest Rec'd	\$ 356,444.09				
Flood Exp vs. Reimbursed	\$ (750,804.58)				

Bank Name	Maturity Date	Amount	Term
Advantage Bank	4/1/2025	\$ 95,000.00	12-month term 5.00% previous 1.0%
First Farm Bank	Cashed Out CD		(\$100,000)
First Farm Bank	Cashed Out CD		(\$300,000)
TOTAL		\$ 95,000.00	

Monthly Revenue Comparison	JULY 2024	2024 YTD	JULY 2023	2023 YTD
CBT Water Service Billed	\$ 2,944,604	\$ 10,247,690	\$ 1,309,889	\$ 5,614,954
Raw Water Transfers	\$ -	\$ -	\$ -	\$ 4,190,000
CBT Tap Fees Received	\$ 84,000	\$ 350,000	\$ 147,000	\$ 570,500
Bulk Water Sales	\$ 30,780	\$ 169,070	\$ 19,535	\$ 170,705
MiscWaterSvc - (LHWD, Verizon, Studies,	\$ 15,498	\$ 1,636,197	\$ 3,695	\$ 1,841,621
Non-district Tap Fees Received	\$ 252,000	\$ 848,065	\$ 26,000	\$ 120,500
Line Extension	\$ (10,000)	\$ 42,658	\$ -	\$ 316,960
TOTALS	\$ 3,316,882	\$ 13,293,680	\$ 1,506,119	\$ 12,825,240

### Income and Expenses by Month



	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
Bank Balance	\$ 37,790,875	\$ 37,169,104	\$ 37,240,884	\$ 37,467,859	\$ 38,434,678	\$ 38,641,502	\$ 40,123,512

# **BUDGET REPORT**

## **ITEM NO. 4C (1-2)**

**AUGUST 15, 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 (1-2)  
August 15, 2024

ITEMS	ACTUAL TO 7/31/2023	BUDGET 2024	ACTUAL TO 7/31/2024	2024 in Comparison to Prior Year 2023
BEGINNING BALANCE				
Reserves	24,768,273	32,075,000	34,335,451	9,567,178
Restricted	825,000	825,000	825,000	0
<b>TOTAL</b>	<b>25,593,273</b>	<b>32,900,000</b>	<b>35,160,451</b>	<b>9,567,178</b>
<b>REVENUES:</b>				
<b>Operating Revenues:</b>				
Water Service	4,589,543	11,000,000	8,637,890	4,048,347
Surcharge Rates Billed	995,702	3,200,000	1,609,175	613,473
Bulk Water Sales	170,705	250,000	169,070	-1,635
Miscellaneous (30120;30150;30160)	688,011	175,000	516,645	-171,366
<b>TOTAL</b>	<b>6,443,961</b>	<b>14,625,000</b>	<b>10,932,780</b>	<b>4,488,819</b>
<b>Non-Operating Revenues:</b>				
Revenue from Bond	11,807,939	7,115,000	4,963,061	-6,844,878
Water Storage Revenue	1,050,000	1,150,000	1,125,000	75,000
Interest	989,652	1,050,000	1,164,661	175,009
<b>TOTAL</b>	<b>13,847,591</b>	<b>9,315,000</b>	<b>7,252,722</b>	<b>-6,594,869</b>
<b>Contributions:</b>				
Tap Fees incl. Towns	691,000	750,000	1,198,065	507,065
Raw Water Transfers/Capital Advance for Construction (MM; fire hyd.;etc. pd.for by others)	4,190,000	2,000,000	0	-4,190,000
	316,960	275,000	42,658	-274,302
<b>TOTAL</b>	<b>5,197,960</b>	<b>3,025,000</b>	<b>1,240,723</b>	<b>-3,957,237</b>
<b>TOTAL REVENUES</b>	<b>25,489,512</b>	<b>26,965,000</b>	<b>19,426,225</b>	<b>-6,063,287</b>
<b>OPERATING EXPENSES:</b>				
Salaries	663,455	1,175,000	718,882	55,427
Overtime/Sick/Bonus Pay	0	100,000	0	0
Office/Warehouse Expense	166,281	270,000	166,242	-39
Office/Field Utilities	35,358	55,000	34,129	-1,229
Professional Fees	202,357	250,000	249,116	46,759
Insurance	265,161	398,000	173,525	-91,636
Director Fees/Board Expense	2,765	7,000	3,081	316
Payroll Taxes	53,277	87,250	56,537	3,260
Water Assessments	408,186	435,000	439,756	31,570
Operations and Maintenance	1,404,232	1,925,000	1,273,789	-130,443
Carter Lake Filter Plant	1,246,181	2,300,000	1,142,671	-103,510
Water Rental	39,200	100,000	0	-39,200
Automotive	46,253	80,000	46,338	85
Dry Creek Reservoir	23,595	55,000	67,366	43,771
Depreciation	1,650,000	2,532,000	1,935,750	285,750
<b>TOTAL</b>	<b>6,206,301</b>	<b>9,769,250</b>	<b>6,307,182</b>	<b>100,881</b>
<b>DEBT RETIREMENT:</b>				
Bond Loan Repayment	928,925	3,510,350	887,675	-41,250
<b>TOTAL</b>	<b>928,925</b>	<b>3,510,350</b>	<b>887,675</b>	<b>-41,250</b>
<b>CAPITAL IMPROVEMENTS:</b>				
Distribution System (new const.)	275,121	430,000	819,576	544,455
Frederick 30" Waterline design	51,982	2,000,000	34,291	-17,691
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	428,078	5,000,000	2,175,439	1,747,361
GIS/GPS Map Updates	68,072	10,000	34,800	-33,272
Windy Gap	0	75,000	247,419	247,419
Chlorine Booster Stations	3,062	500,000	0	-3,062
SCADA/Telemetry	0	5,000	0	0
Easements/Land/Building	84,389	100,000	500	-83,889
Water Rights	13,524,330	1,500,000	42,000	-13,482,330
Office/Field/Tank Equipment	210,469	100,000	43,586	-166,883
<b>TOTAL</b>	<b>16,668,153</b>	<b>13,035,000</b>	<b>5,804,969</b>	<b>-10,863,184</b>
<b>TOTAL EXPENSES</b>	<b>23,803,379</b>	<b>26,314,600</b>	<b>12,999,826</b>	<b>-10,803,553</b>

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

BUDGET REPORTS  
Item No. 4C (1-2)  
July 18, 2024

ITEMS	ACTUAL	BUDGET	ACTUAL TO	OVER OR (UNDER) BUDGET	% OF BUDGET
BEGINNING BALANCE	2023	2024	7/31/2024	2024	2024
Reserves	18,964,174	32,075,000	34,335,451	2,260,451	
Restricted	825,000	825,000	825,000	0	
<b>TOTAL</b>	<b>19,789,174</b>	<b>32,900,000</b>	<b>35,160,451</b>	<b>2,260,451</b>	
<b>REVENUES</b>					
<b>Operating Revenues:</b>					
Water Service	10,412,425	11,000,000	8,637,890	-2,362,110	79%
Surcharge Rates Billed	2,609,596	3,200,000	1,609,175	-1,590,825	50%
Bulk Water Sales	253,071	250,000	169,070	-80,930	68%
Miscellaneous	110,154	175,000	516,645	341,645	295%
<b>TOTAL</b>	<b>13,385,246</b>	<b>14,625,000</b>	<b>10,932,780</b>	<b>-3,692,220</b>	<b>75%</b>
<b>Non-Operating Revenues:</b>					
Revenue from Bond	27,028,428	7,115,000	4,963,061	-2,151,939	70%
Water Storage Revenue	675,000	1,150,000	1,125,000	-25,000	0%
Interest	942,273	1,050,000	1,164,661	114,661	111%
<b>TOTAL</b>	<b>28,645,701</b>	<b>9,315,000</b>	<b>7,252,722</b>	<b>-2,062,278</b>	<b>78%</b>
<b>Contributions</b>					
Tap Fees	3,496,950	750,000	1,198,065	448,065	160%
Raw Water/Capital	2,646,979	2,000,000	0	-2,000,000	0%
Advance for Construction	222,017	275,000	42,658	-232,342	16%
<b>TOTAL</b>	<b>6,365,946</b>	<b>3,025,000</b>	<b>1,240,723</b>	<b>-1,784,277</b>	<b>41%</b>
<b>TOTAL REVENUES</b>	<b>48,396,893</b>	<b>26,965,000</b>	<b>19,426,225</b>	<b>-7,538,775</b>	<b>72%</b>
<b>OPERATING EXPENSES:</b>					
Salaries	1,008,038	1,175,000	718,882	-456,118	61%
Overtime/Sick/Bonus Pay	75,526	100,000	0	-100,000	0%
Office/Warehouse Expense	263,044	270,000	166,242	-103,758	62%
Office/Field Utilities	53,003	55,000	34,129	-20,871	62%
Professional Fees	349,659	250,000	249,116	-884	100%
Insurance	395,341	398,000	173,525	-224,475	44%
Director Fees/Board Expense	12,111	7,000	3,081	-3,919	44%
Payroll Taxes	89,161	87,250	56,537	-30,713	65%
Water Assessments	390,428	435,000	439,756	4,756	101%
Operations and Maintenance	1,180,956	1,925,000	1,273,789	-651,211	66%
Carter Lake Filter Plant	1,684,418	2,300,000	1,142,671	-1,157,329	50%
Water Rental	236	100,000	0	-100,000	0%
Automotive	97,998	80,000	46,338	-33,662	58%
Dry Creek Reservoir	36,126	55,000	67,366	12,366	122%
Depreciation	2,200,000	2,532,000	1,935,750	-596,250	76%
<b>TOTAL</b>	<b>7,836,045</b>	<b>9,769,250</b>	<b>6,307,182</b>	<b>-3,462,068</b>	<b>65%</b>
<b>DEBT RETIREMENT:</b>					
Bond Loan Repayment	3,511,600	3,510,350	887,675	-2,622,675	0%
<b>TOTAL</b>	<b>3,511,600</b>	<b>3,510,350</b>	<b>887,675</b>	<b>-2,622,675</b>	<b>0%</b>
<b>CAPITAL IMPROVEMENTS:</b>					
Distribution System (new const.)	484,025	430,000	819,576	389,576	191%
Frederick 30" Waterline design	104,924	2,000,000	34,291	-1,965,709	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	2,175,439	-2,824,561	44%
GIS/GPS Map Updates	117,420	10,000	34,800	24,800	348%
Windy Gap FIRMING	0	75,000	247,419	172,419	330%
Chlorine Booster Stations	0	500,000	0	-500,000	0%
SCADA/Telemetry	0	5,000	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	-1,458,000	3%
Office/Field/Tank Equipment	159,737	100,000	43,586	-56,414	44%
<b>TOTAL</b>	<b>23,229,692</b>	<b>13,035,000</b>	<b>5,804,969</b>	<b>-7,230,031</b>	<b>45%</b>
<b>TOTAL EXPENSES</b>	<b>34,577,337</b>	<b>26,314,600</b>	<b>12,999,826</b>	<b>-13,314,774</b>	<b>49%</b>



# INCOMING CORRESPONDENCE

## ITEM NO. 5A

**AUGUST 15, 2024**

	<i>NAME</i>	<i>LOCATION</i>	<i>DATE</i>	<i>DESCRIPTION</i>
1	Customer Request	5917 Shenandoah Ave	7/13/24	Received Records Request for current fee structure for the Town of Firestone prior to Nov 2023 and after Nov 2023 stating fee increases imposed by CWCWD
2	Matrix Design Group	CR 42/15-17	7/18/24	Received request to assess existing drainage patterns and stormwater infrastructure for the Johnstown Growth Management Area in reference to the new treatment plant site
3	CO DOLA		7/22/24	Received grant award in the amount of \$606,498 to assist with the water meter replacement program from DOLA
4	AgPro	24125 CR 42	7/23/24	Received study request for water service to a residence, shop, and future building at the corner of CR 49 & 42
5	Greg Johnson	23333 CR 46	7/31/24	Requested a meeting with Stan to discuss surcharges billed and the transfer of allotments from Tap 3276 to Tap 1617
6	NOCO Engineering	125 & Hwy 52	7/31/24	Dacono Gateway – Received study results and fire flow analysis for the proposed project near 125 and Hwy 52 for 412 acres to be used for commercial and residential development consisting of 1,896 multi-family homes, 339 single family homes, and 87 commercial businesses. An option for a 24” line, a 36” line, and an elevated tank will be transmitted; the recommended option is for the 36” line at a cost of approx \$12million

# OUTGOING CORRESPONDENCE

## ITEM NO. 5B

**AUGUST 15, 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>NAME</i>	<i>LOCATION</i>	<i>DATE</i>	<i>PRICE</i>	<i>DESCRIPTION</i>
1	David Jaquez	CR 24/19-21	7/1/24	\$409,000	Home with line ext
2					
3					
4					

### 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.

	<i>NAME</i>	<i>LOCATION</i>	<i>DATE</i>	<i>PURPOSE</i>	<i>DESCRIPTION</i>
1	Roger Viefhaus	CR 52/63-65	7/22/24	N/A	Well
2					
3					

### 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.

	<i>NAME</i>	<i>LOCATION</i>	<i>DATE</i>	<i>PRICE</i>	<i>DESCRIPTION</i>
1					
2					
3					
4					
5					

### Additional Notifications:

	<i>Name and Company</i>	<i>Date</i>	<i>Transmittal</i>
1	Greg Johnson	7/1/24	Transmitted allotment info for 5 taps and the average usage for surcharge analysis
2	Aristocrat Ranchetts, City of Dacono, Towns of Firestone, Frederick, Gilcrest, LaSalle, Kersey, Platteville, Milliken, and Johnstonw, and Left Hand Water District	7/22/24	Transmitted rate increase information from Public Hearing to be effective Nov 1, 2024.



# FIELD REPORT

## ITEM NO. 5C

**AUGUST 15, 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	769					
Cleared	403	400	420	498	457	485	508					
Standby	186	166	150	132	115	142	124					
Completed	106	91	133	181	165	124	137					
WORKORDERS:	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Past Due Accts	94	66	75	93	92	64	71					
Terminations	3	3	5	0	0	0	1					
Restorations	3	2	5	0	0	0	1					
Service Calls	96	43	33	59	101	62	58					

Tap #	NEW METER SET LOCATIONS	Name
Tap #	LEAK REPAIR LOCATIONS	Repair Summary
3029	5835 Pelican Shores	Leak repair
3317	CR 26/13-15	2" service line repair
2021	CR 39/38-40	Raised meter set
	LCR 8 & 27	20" leak and Hymax installed
	CR 49 & 46	Hydrant coupler broken
71	22429 CR 46	90° elbow split
1237	9055 Del Camino Ln	Leak on service line
	CR 42 @ Hwy 60	Hydrant nut stripped
MONTHLY MAINTENANCE		MONTHLY MAINTENANCE
Completed 5 final reads		Checked chlorine & pH levels throughout the District.
Maintenance and daily checks @ vaults, pump stations and tanks.		Chlorine Station maintenance
Fire hydrant maintenance & repair throughout the District.		Continuing to work on Backflow Program.
PRV Surveys throughout the District and Tank surveys.		Beacon transmitter changes
Verifying GIS/GPS Mapping to actual infrastructure.		DBP sampling, CL2 and PH sampling
Meter, regulator, and check valve replacement		Clean/calibrate Dacono Elev Tank CL2 station
Peristaltic Pump @ LaSalle Tanks working again		Pressure Test on 12" main @ CR 50 & 51
Hwy 60 @ CR 42 2" line Tie In		Tie-in line relocation westside CR 20/13 12" line
Turned up pressures at PRV's		Tie-in 12" line relocation eastside CR 20/ 13 - BacT
Lead Service Line Inventory data and potholing has begun		12" valve installed and tie-in @ CR 11 & 12
		24" valve installed and tie-in @ CR 11 & 12

**BOARD ACTION SUGGESTED:** Information Only

# CONSUMPTION REPORT

**ITEM NO. 5D (1-2)**

**AUGUST 15, 2024**

## **Background Summary:**

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

**BOARD ACTION SUGGESTED:** Information Only

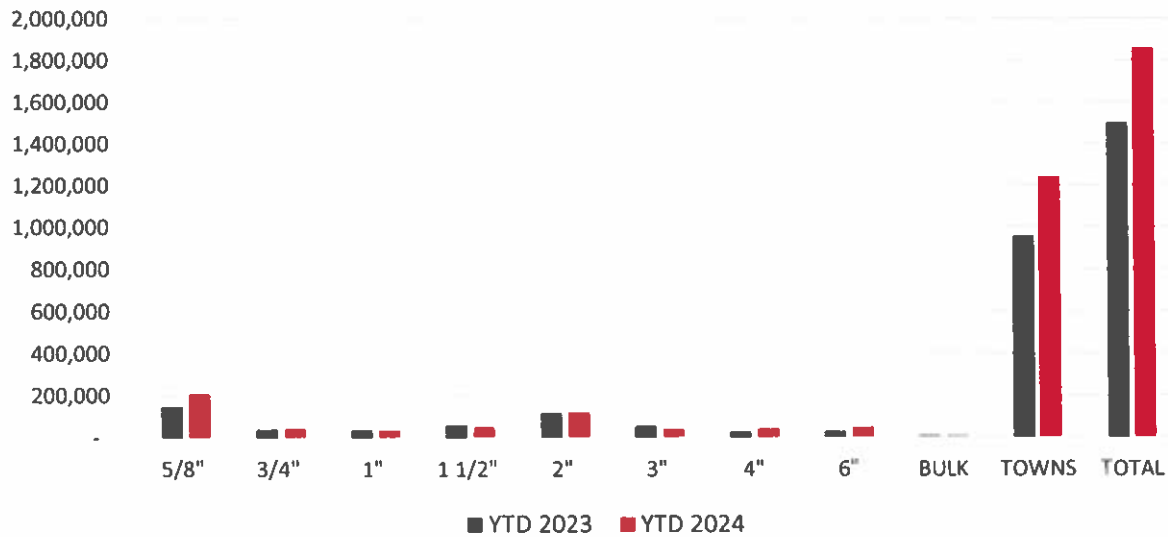
Consumption Report

	YTD 2023	YTD 2024	DIFF.	%
172 DACONO	114,363	148,336	33,973	30%
147 FIRESTONE	312,965	399,962	86,997	28%
939 FREDERICK	278,569	354,460	75,891	27%
1377 GILCREST	15,662	20,362	4,700	30%
176 KERSEY	25,454	30,994	5,540	22%
1361 LASALLE	41,617	53,124	11,507	28%
1011 MILLIKEN	91,870	130,862	38,992	42%
1411 PLATTEVILLE	57,464	73,476	16,012	28%
1675 ARISTOCRAT	18,269	22,270	4,001	22%
9800 JOHNSTOWN	358	5,165	4,807	0%
<b>TOTAL</b>	<b>956,591</b>	<b>1,239,011</b>	<b>282,420</b>	

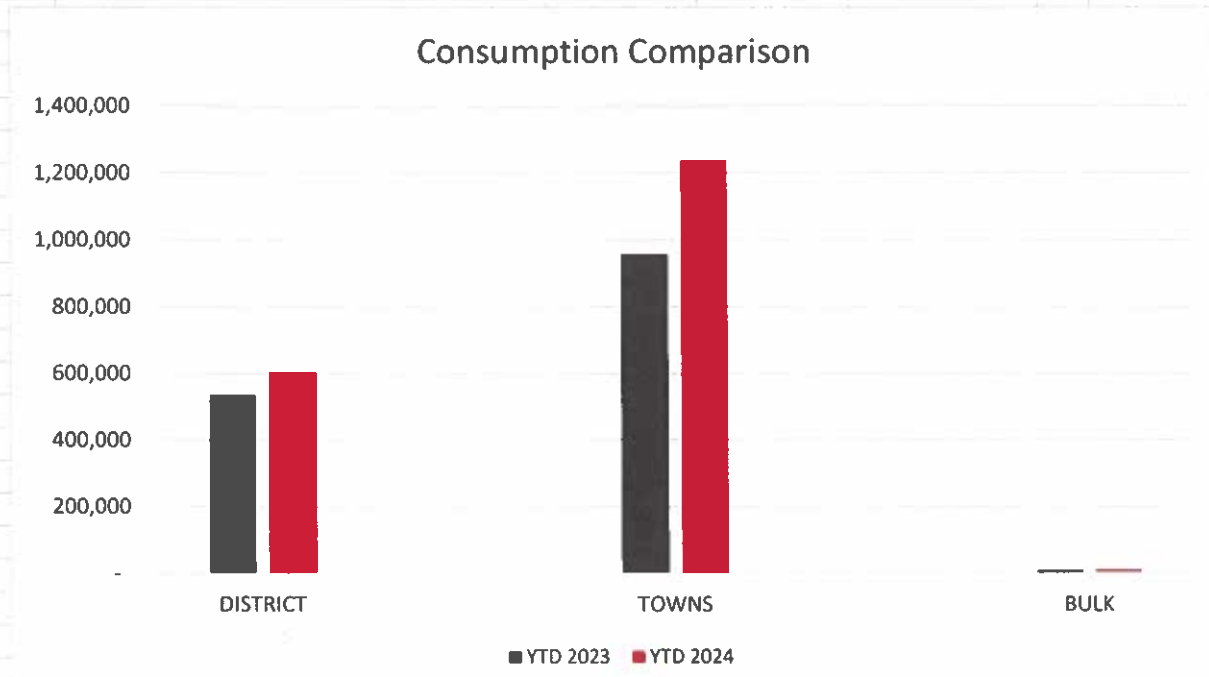
	YTD 2023	YTD 2024	DIFF.	%
5/8"	150,066	208,576	58,510	39%
3/4"	42,645	44,316	1,671	4%
1"	39,451	38,439	-1,012	-3%
1 1/2"	63,297	52,623	-10,674	-17%
2"	121,238	123,001	1,763	1%
3"	57,749	43,283	-14,466	-25%
4"	30,466	43,883	13,417	44%
6"	31,754	50,192	18,438	58%
BULK	9,582	9,441	-141	-1%
TOWNS	956,591	1,239,011	282,420	30%
<b>TOTAL</b>	<b>1,502,839</b>	<b>1,852,765</b>	<b>349,926</b>	

Consumption Report



Consumption Report

	YTD 2023	YTD 2024	DIFF.
DISTRICT	536,666	604,313	67,647
TOWNS	956,591	1,239,011	282,420
BULK	9,582	9,441	(141)



# REVENUE & USAGE REPORT

ITEM NO. 5E (1-2)

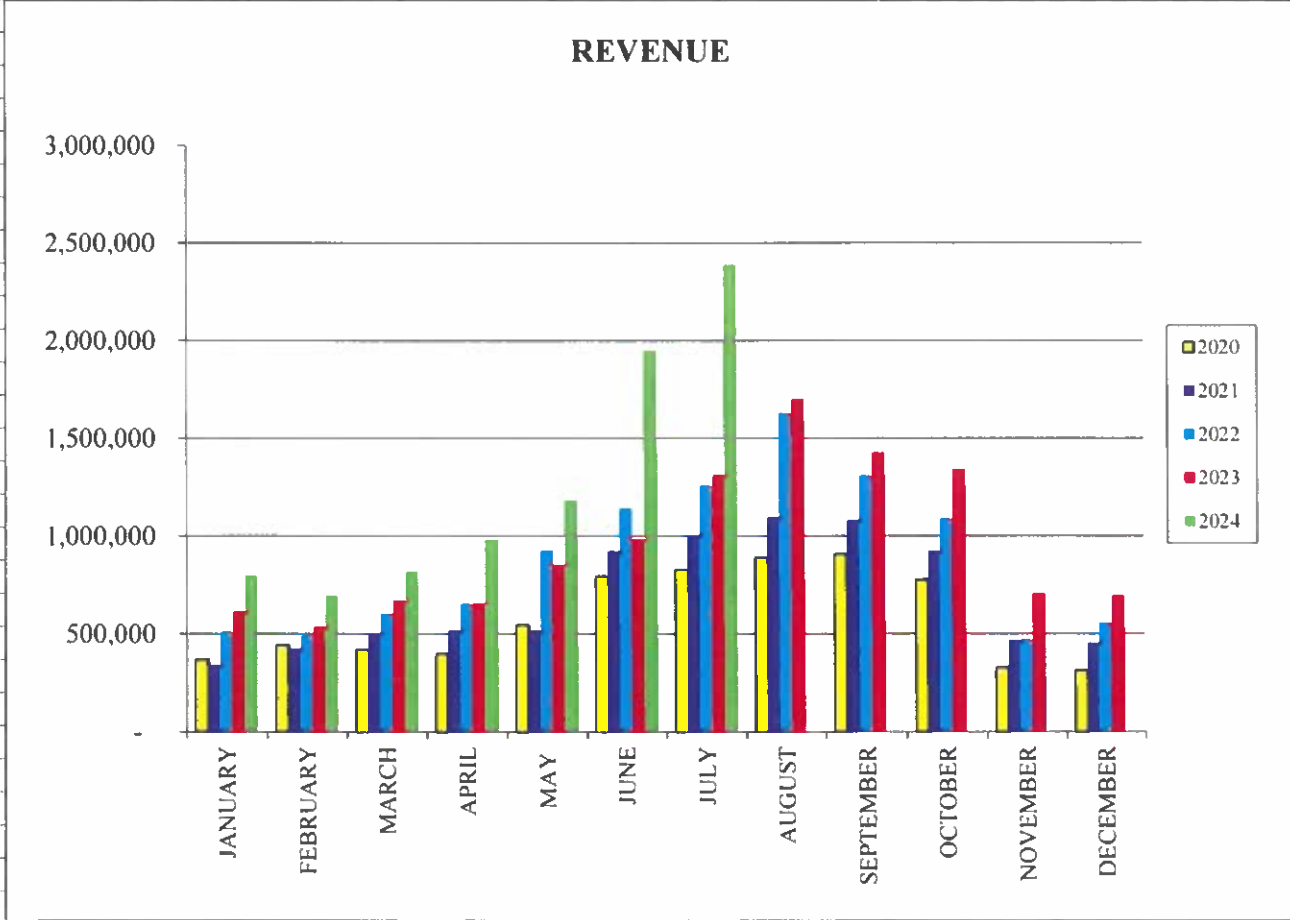
AUGUST 15, 2024

## Background Summary:

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

**BOARD ACTION SUGGESTED:** Information Only

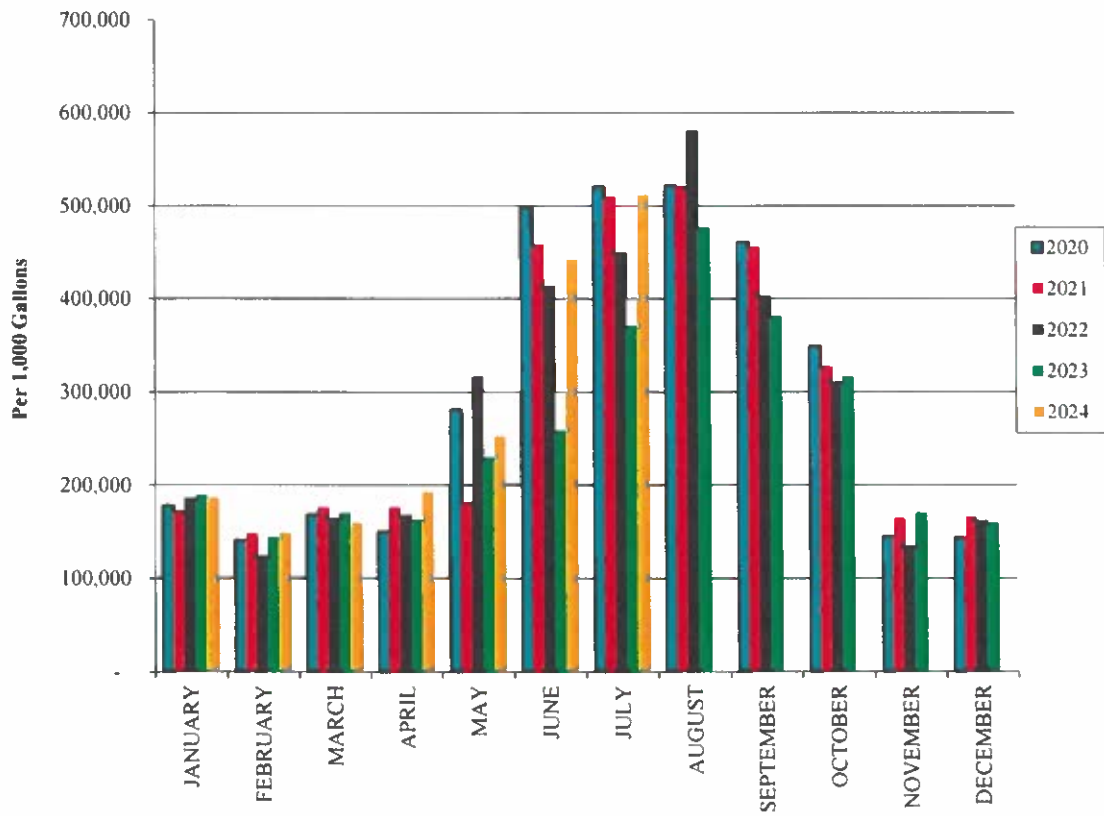
MONTHLY WATER REVENUE						Current YR
	2020	2021	2022	2023	2024	Surcharge Revenue
JANUARY	369,893	338,025	508,649	612,547	797,736	64,335
FEBRUARY	440,763	421,523	488,766	533,881	694,011	65,325
MARCH	417,841	492,163	601,294	668,646	817,726	143,555
APRIL	397,674	514,711	651,456	655,026	980,877	206,505
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	2,387,394	587,744
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	8,806,957	1,635,365
YTD AVERAGE	583,062	684,317	884,758	956,503	1,258,137	



5E(1)

MONTHLY WATER USAGE						5 YEAR
	2020	2021	2022	2023	2024	AVERAGE
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	511,425	590,298
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	1,889,035	291,714
YTD AVERAGE	296,264	287,636	283,960	251,917	269,862	

MONTHLY WATER USAGE



5E(2)

# **NISP REPORT**

## **ITEM NO. 5F**

**AUGUST 15, 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:** August 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	NW Labor	TR	Mitigation	WQ	B&V	HW 287	Dewberry	Pinyon	ROW	Other/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	\$ 8,811	\$ 4,794	\$ 813,563	\$ 614,851	\$ 172,926	\$ 36,956	\$ 1,788	\$ 96,560	\$ 1,921,421
May	\$ 117,853	\$ 65,098	\$ 2,351,993	\$ 6,900	\$ 439,920	\$ 213,411	\$ -	\$ 47,683	\$ 18,932	\$ 72,468	\$ 3,334,258
June	\$ 137,095	\$ -	\$ -	\$ -	\$ -	\$ 19,464	\$ -	\$ 51,063	\$ -	\$ 92,824	\$ 300,447
July	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,259,482	\$ 1,259,482
August	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
September	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
October	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
November	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
December	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Expenditure to Date	\$ 852,773	\$ 321,371	\$ 2,387,818	\$ 35,040	\$ 4,261,346	\$ 1,672,475	\$ 525,011	\$ 313,727	\$ 590,974	\$ 1,861,698	\$ 12,822,233
Budget Remaining	\$ 1,247,227	\$ 478,629	\$ 1,912,182	\$ 364,960	\$ 3,738,654	\$ 1,027,525	\$ 2,474,989	\$ 286,273	\$ 3,409,026	\$ 2,173,302	\$ 17,112,767
% Spent	41%	40%	56%	9%	53%	62%	18%	52%	15%	46%	43%

Budget Notes: 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.
- Continue to assist Participant in their planning efforts.
- Working with design groups on implementation timing.
- Developing financing plan.

**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. The team is targeting the September Participant and Board meetings to present the change order.
- Continued coordination with Chimney Hollow on lessons learned.
- The Technical Advisory Panel (TAP) is being reconfigured into an internal design review board. The State Engineer's Office will act as an independent review entity.
- *Embankment Package:* Phase VII Geotech field work is complete, and lab work is wrapping up. The design team is currently working to draft a memo that discusses findings in the Lykins Formation, specifically focused on the potential for karstic features, an updated draft is anticipated at the end of the month. The team is working to review and solidify the scope of the Early Glade Grouting Program for the Contractor, AECOM, and BV. LLOW 90% package was received 6/28.
- *Pump Plant:* 30% design for the substation under review by Northern Water staff. The design team has started into the 90% design for the Plant.
- *PVC:* Design is ongoing with particular focus on the diversion point and adjusting the alignment to the north to reduce impacts on adjacent landowners, an updated set is anticipated this week.
- *Munroe Canal Bypass:* Phase VII Geotech work included some additional borings to determine depth to rock for MCB. This will help value engineering efforts as the 99% documents being developed by the design team.

#### **HW 287**

- Continue coordination with CDOT regarding IGA for implementation.
- Muller finalizing design.
- Land Acquisition - Continue to work on Holcim and verifying easement approach for other entities & access (CDOT, Tri-State & PRPA)

#### **Conveyance**

- *See attached dashboard below on status of pipeline easement work.*
- Drafting potential Thornton IGA and refining design for this area.
- Timnath Reservoir Inlet Canal Coordination – Kickoff meeting 7/16.
- Ongoing study regarding pipe lining system – polyurethane or cement mortar lining. Study recommends use of cement mortar lining with pH control at startup.

#### **MITIGATION AND ENVIRONMENTAL PLANNING**

- Ongoing construction of the Eastman Park 9-acre Wetland Mitigation Site
  - Grading, erosion control, irrigation system install, and wetland seeding are complete
- Design of two FWMEP required river restoration reaches has started
  - Draft assessment methodology is complete and is being sent to CPW for their input
- Negotiations on additional ESA and Wetland Mitigation Credit Reservation Agreements are underway

#### **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 overall financing plan and schedule.

#### **GALETON UNIT**

- Working on charting path forward on ditch exchanges.
- South Platte property purchase process in progress.

#### **LAND AND ROW**

- ROW purchase offers going out along County Line Road.
- Preparing legal descriptions for the Poudre Valley Canal easements.
- Appraisals being prepared for easement acquisition along the County Line Road.
- Finalizing legal descriptions and appraisals for remaining Glade and HW 287 properties.
- Coordinating with Thornton on approximately four miles of parallel routing in Larimer County.

**LEGAL**

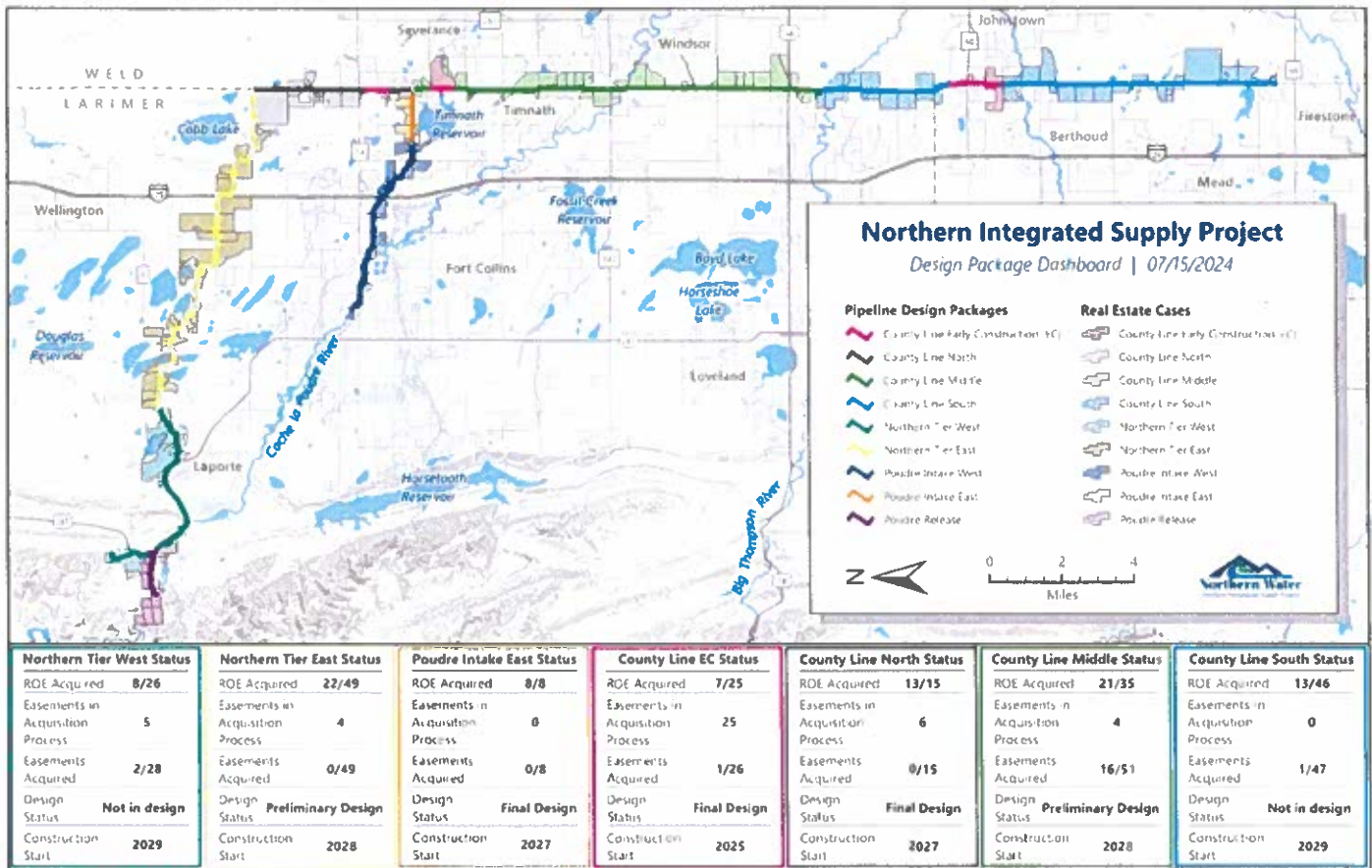
- Assisting in federal 404 challenge. Court schedule has been set.
- Assisting in Larimer County 1041 appeal.
- Assisting in project implementation advancement.

**OTHER**

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

**NEAR TERM FUTURE ACTION:**

- Continue final design of Glade and HW 287.



**NORTHERN INTEGRATED SUPPLY PROJECT  
CASH AND INVESTMENT BALANCES**



	May 31, 2024	Change	April 30, 2024
<b>Operating Cash (Unrestricted)</b>	\$ 20,611,405	\$ (4,642,256)	\$ 25,253,660
<b>Reserves (Restricted)</b>			
NISP Phase 1 balances	5,726,740	25,944	5,700,797
Total Reserves (Restricted)	5,726,740	25,944	5,700,797
<b>Total Cash and Investment Balances</b>	<b>\$ 26,338,145</b>	<b>\$ (4,616,312)</b>	<b>\$ 30,954,457</b>



**NORTHERN INTEGRATED SUPPLY PROJECT  
STATEMENT OF REVENUES AND EXPENSES**



	May 31, 2024 (Year to Date)	Change	April 30, 2024 (Year to Date)
<b>Revenues</b>			
Contributions	\$ 27,300,000	\$ -	\$ 27,300,000
Interest earnings	714,206	107,457	606,749
Rental income and other	44,210	3,465	40,745
<b>Revenues</b>	<b>28,058,415</b>	<b>110,922</b>	<b>27,947,494</b>
<b>Capital Expenses</b>			
Labor by Division			
Engineering	(882,089)	(86,803)	(795,286)
Environmental	(177,878)	(23,063)	(154,815)
Finance and Administration	(115,971)	(8,012)	(107,959)
Operations	(5,700)	-	(5,700)
Total Labor by Division	(1,181,638)	(117,878)	(1,063,760)
Indirect Cost	(543,533)	(67,942)	(475,592)
Materials and Services	(19,326,966)	(2,366,516)	(16,960,450)
Total capital project expenses	(21,052,137)	(2,552,335)	(18,499,802)
Capitalized to the capital project	21,052,137	2,552,335	18,499,802
<b>Subtotal Revenues over (under) expenses</b>	<b>28,058,415</b>	<b>110,922</b>	<b>27,947,494</b>
<b>Nonoperating expenses</b>	-	-	-
<b>Total Revenues over (under) expenses</b>	<b>28,058,415</b>	<b>110,922</b>	<b>27,947,494</b>
<b>Net position, beginning of period</b>	<b>130,524,084</b>		<b>130,524,084</b>
<b>Net position, end of period</b>	<b>\$ 158,582,499</b>	<b>\$ 110,922</b>	<b>\$ 158,471,578</b>

# WINDY GAP REPORT

## ITEM NO. 5G

**AUGUST 15, 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.



E-Waternews | July 2024



*The Alexander Mountain Fire can be seen in the distance north of the Flatiron Penstocks west of Loveland.*

## Front Range Fires Generate Regional Response

A fire burning west of Loveland and one burning south of Carter Lake have prompted a regional response from federal, state and local agencies, including Northern Water.

The Alexander Mountain Fire ignited in a forested area west of Loveland on Monday morning, July 29, and ballooned to thousands of acres by Tuesday afternoon. Firefighters and equipment from around the region were engaged to fight the fire, and included in the effort were several fixed-wing airplanes and helicopters to deliver water and fire retardant to the scene. Horsetooth Reservoir, the largest Colorado-Big Thompson Project reservoir on the East Slope, provided water for the aerial equipment fighting the fire.

South of Carter Lake, the Stone Canyon Fire ignited on Tuesday and also drew on regional resources to control its spread.

Between the two fires, the Chimney Hollow Reservoir Project construction site was included in evacuation orders from Larimer County. To ensure the safety of workers and emergency responders, construction at the site has been suspended until current evacuation notices are lifted.





*A virtual tour of the Chimney Hollow Reservoir Project construction site offers a look at recent activities.*

## **Chimney Hollow Reservoir Project Enters Final Full Year of Construction**

Next month, work at Chimney Hollow Reservoir will enter its fourth and final full year.

Barnard Construction Co. Inc. received its notice to proceed in August 2021 for a four-year contract to build the 350-foot-tall main dam, 40-foot-tall saddle dam, valve house, spillway and more. The company projects it will meet its completion date in summer 2025.

In this summer 2024 edition of the Chimney Hollow Reservoir Project Virtual Tour, site experts offer viewers an inside look at key components of project construction, including the testing labs, spillway, main dam, saddle dam and future Larimer County Chimney Hollow Open Space.



*The Colorado River Connectivity Channel will connect two segments of the Colorado River near Windy Gap Reservoir.*



## Colorado River Connectivity Channel Construction to Resume

A major project to build a channel to connect two segments of the Colorado River in Grand County will get some major finishing touches in coming weeks.

The Colorado River Connectivity Channel, which will divert water around for the newly “right-sized” Windy Gap Reservoir west of Granby, has carried water since last October by way of a temporary diversion. In August and September, crews from CEI Inc. will install the permanent diversion gate to ensure smooth operations into the future. Construction was halted until the seasonal high-water runoff was complete.

Already, scanners installed by Colorado Parks and Wildlife have detected fish using the new channel to move around Windy Gap Reservoir to reaches of river upstream and downstream. A strong runoff season also moved sediment in the river and provided water to the newly planted willows along the channel's banks.

In future years, the area will provide additional public access to anglers hoping to catch one of those fish and to others in the public who are drawn to nature.



## Northern Water Awards Over \$300,000 in Water-Efficient Grants

Within the past six years, Northern Water has partnered with local municipalities, homeowners associations, nonprofits and other entities to enable about 7 million square feet of water-efficient landscape renovations across Northern Colorado as part of its Water-Efficient Landscape Grant Program.

Recently, Northern Water awarded more than \$300,000 in grants to 19 new projects covering more than 500,000 square feet.

With this year's funding, Northern Water has awarded about \$1.2 million in grants over the past six years to 82 projects. Including the matching funds required from each recipient, about \$2.5 million in water-efficient landscape renovations have taken place through the grant program.

Read the [full article on our website](#).



## **Northern Water Hosts Youth Event Showcasing Pollinators**

Northern Water hosted local advocacy nonprofit The Bees Waggle on July 10 for a Kid's Pollinator Workshop.

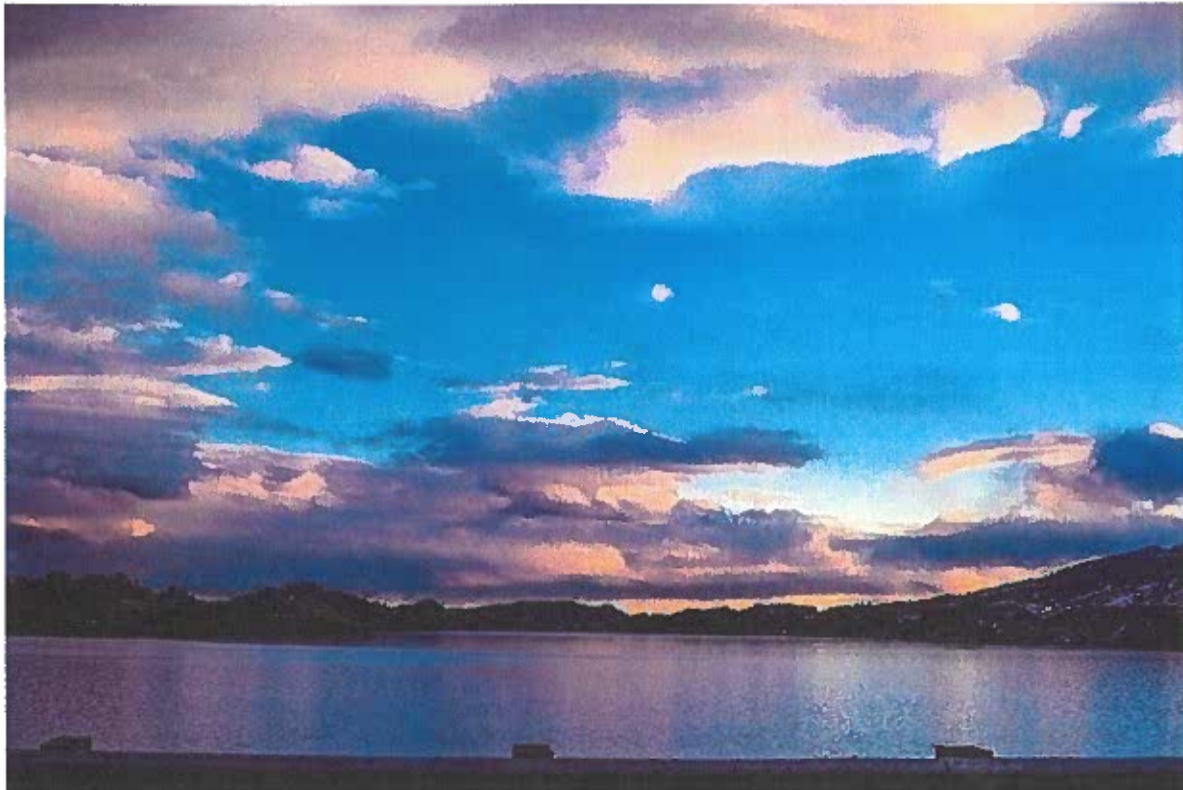
The Bees Waggle owner and founder Jessica Goldstrohm led the class for children 6 years old and older to teach them about native bees and other Colorado pollinators and where to find them.

The workshop also highlighted the Conservation Gardens at Northern Water and demonstrated how various plants can attract pollinators. Pollinator plants are important because they support the pollinating insects and birds that also pollinate the plants that contribute to our food supply. The pollinators aid in plant reproduction, support biodiversity and contribute to nearby ecosystems.

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## FROM THE ARCHIVES: A Diamond Anniversary at Horsetooth Reservoir



Earlier this month, the Bureau of Reclamation took to social media to celebrate the 75<sup>th</sup> anniversary of Horsetooth Reservoir.

The reservoir, largest of the Front Range storage reservoirs in the Colorado-Big Thompson Project, is held back by four dams and one dike to create one of the most-popular recreation destinations in the state.

Construction on the dams at Spring Canyon, Dixon Canyon, Soldier Canyon and at Horsetooth Dam on the north end took place from 1946 to 1949, with Satanka Dike at the northwest corner of the reservoir rounding out the work.

Reclamation engineers used a prominent building inside the reservoir footprint to oversee construction. The Highland School (District 27) served students in Stout and its surroundings, reaching its highest enrollment in 1898. During a major renovation of the reservoir at the beginning of the 21st century, its foundation could be seen on the south end of the reservoir bottom.

Happy diamond anniversary, Horsetooth Reservoir!

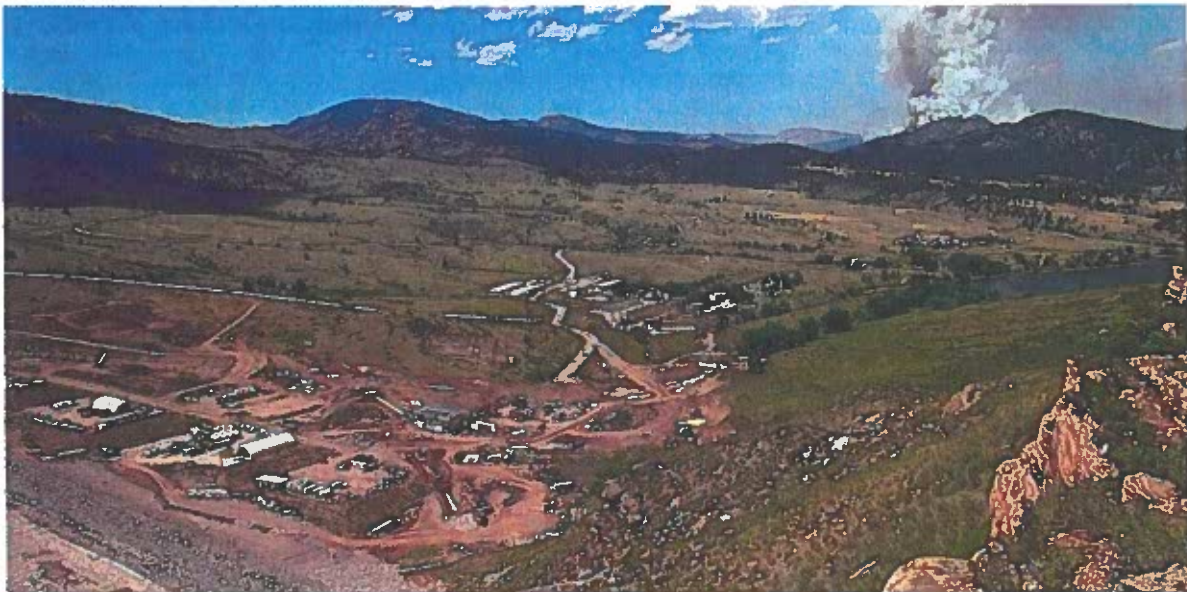
[View Our History Timeline](#)

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# Chimney Hollow Reservoir Project

E-Newsletter | August 2024



## Front Range Fires Generate Regional Response

Fires west of Loveland and south of Carter Lake prompted a regional response from federal, state and local agencies in early August, including Northern Water.

The Alexander Mountain Fire ignited in a forested area west of Loveland on July 29, and ballooned to 9,668 acres. Firefighters and equipment from around the region were engaged to fight the fire, and included in the effort were several fixed-wing airplanes and helicopters to deliver water and fire retardant to the scene. Horsetooth Reservoir, the largest Colorado-Big Thompson Project reservoir on the East Slope, provided water for the aerial equipment fighting the fire.

South of Carter Lake, the Stone Canyon Fire ignited on July 30, and also drew on regional resources to control its spread to more than 1,500 acres before full containment was gained on Aug. 4.

Between the two fires, the Chimney Hollow Reservoir Project construction site was included in evacuation orders from Larimer County. To ensure the safety of workers and emergency responders, construction at the site was suspended until Aug. 5. Crews are now back to normal operations, working two 12-hour shifts, six days a week.



## Chimney Hollow Reservoir Project Recongizes Three Years of Construction

Three years ago, construction kicked off at the Chimney Hollow Reservoir Project, and today, the project is about six weeks ahead of its original targeted completion date. As we recognize this milestone, Northern Water Principal Project Manager Joe Donnelly and Barnard Construction Vice President and Operations Manager Aaron Rietveld highlight how far the project has come in the last three years, as well as what we can expect throughout the final year of construction.



## Final CRCC Construction Season Gets Underway

The finishing touches are just around the corner for the historic and broadly supported Colorado River Connectivity Channel (CRCC). After having been talked about for decades, the CRCC, which has aquatically reconnected two segments of the Colorado River around Windy Gap Reservoir for the time since the reservoir was built in the 1980s, is heading into its third and final construction season, with work expected to wrap up this fall.

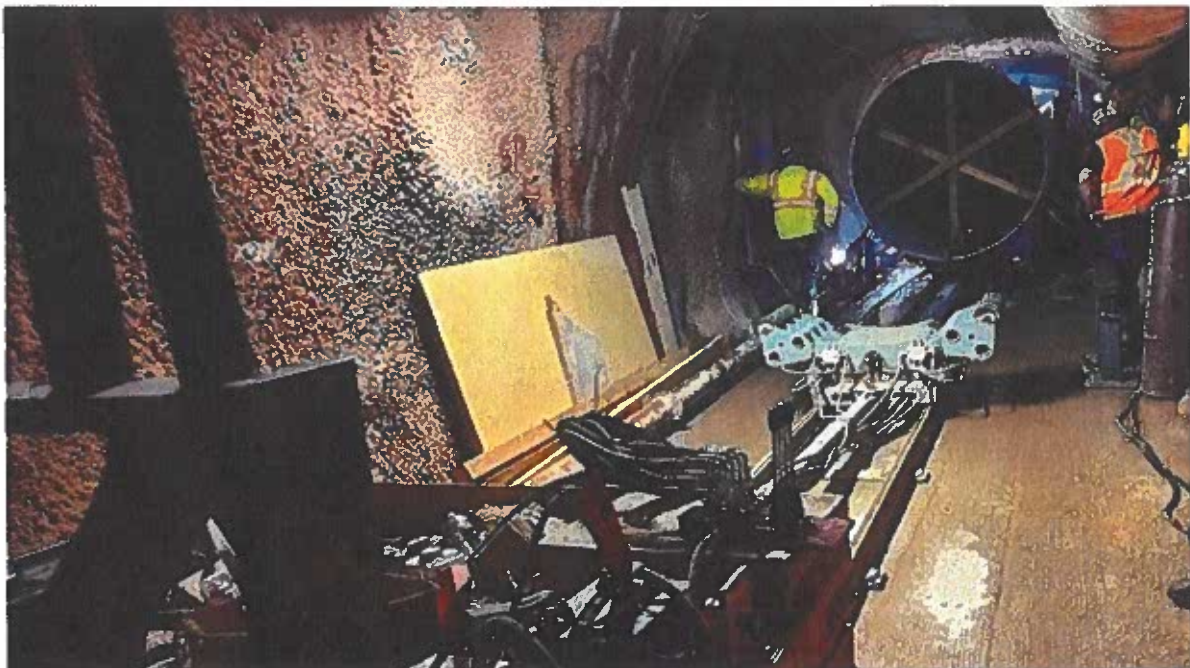
In this new 5-minute video, Northern Water and Colorado Parks and Wildlife officials discuss the ramping back up of construction, goals for the final construction season, and how fish have been successfully using the new channel since water first started flowing through it back in October.



## Valve House Takes Shape as Exterior Steel is Placed

As construction on the valve house proceeds, crews are wrapping up all valve installations inside. At the end of July, crews set and installed the 25-ton gantry crane that will allow access to maintain valves in the future. There are a few more valves that will be installed with the gantry crane once they arrive on site.

Walls and ramps were completed over the last couple weeks and crews plan to have the valve house fully enclosed by the end of September.





## Tunnel Being Lined and Backfilled with Concrete

The 2,000-foot tunnel is a key feature of the Chimney Hollow Reservoir Project. It will convey pipe from the valve house to the upstream side of the dam, allowing water to flow in and out of the reservoir. On the upstream side of the tunnel, pipe is being placed starting from the valve chamber at the tunnel's midpoint, and then it is backfilled with concrete until it reaches the upstream entrance. This process is about 50 percent complete.

On the downstream side, the tunnel entrance is 26 feet in diameter and all the concrete slabs that make up the flooring have been placed. Crews are now starting to line the tunnel with concrete using horseshoe-shaped liners. Personnel will be able to access the downstream side of the tunnel as far as the valve chamber.

Construction of the upstream side of the tunnel will be complete by October 2024, and the entire tunnel is expected to be complete by the end of 2024.



## Quarry Production Nearly 80 Percent Complete

Chimney Hollow's onsite quarry is on track to wrap up production in early 2025. To date, 11.1 million yards of rock out of a projected total of 14 million yards have been blasted out of the quarry. Crews are still blasting six days per week and running four drills to keep up with the production schedule. Up to 14 777 haul trucks move 35,000 yards of material daily.

With nearly 80 percent of quarry production completed, crews will turn their attention to remaining tasks like blasting a trench through the quarry so it drains freely and removing the overburden to enable Larimer County to fence the area. The former quarry will be one of the deepest points of the reservoir, with the high wall sloping down to 270 feet underwater at a 37-degree angle.



## **Saddle Dam Construction Makes Quick Progress, Grows Nine Inches per Day**

Last month, construction began on the saddle dam, a 40-foot-tall clay core dam that sits at the south end of Chimney Hollow Reservoir. Although there was not enough clay in the Chimney Hollow valley to build the main dam, there was more than enough to build this smaller dam. The clay core is 30 feet wide at the base and tapers to 10 feet wide at the top with rock fill on either side, similar to the structure of the main dam.

Each day, construction of the saddle dam begins with scraping the top layer of clay, and then placing nine-inch loose lifts of additional clay. These lifts are then compacted to 4 or 5 inches and in the meantime, the rock fill is added. Sand and gravel transitions are compacted on each side of the clay, ultimately transitioning to the same size rock used for the shell of the main dam. About two lifts are placed daily, and the dam currently sits at 15 feet high.

Construction is expected to be complete by fall 2024. The saddle dam will increase the reservoir's capacity by 30 percent to a maximum storage of 90,000 acre-feet of water.





## Participant Spotlight: Platte River Power Authority

Platte River Power Authority is a unique participant in the Chimney Hollow Reservoir Project as it is not a water provider, but a power provider. Platte River Power Authority provides electricity for Fort Collins, Loveland, Longmont and Estes Park. As the second largest participant in the Chimney Hollow Reservoir (with 16,000-acre-feet of storage), Platte River uses Windy Gap water at its Rawhide Energy Station to support energy production.

"Energy production and water are intrinsically linked," said Platte River Fuels and Water Senior Manager Heather Banks. "Chimney Hollow Reservoir will allow Platte River to firm the Windy Gap water supply and continue providing reliable energy to its service region."

From the original design of Rawhide, Platte River's approach to water has focused on being a responsible regional water partner in northern Colorado. In 1978, an innovative agreement was developed in which Windy Gap water would first be used by the City of Fort Collins and the reusable return flows, in the form of treated effluent, would be pumped to Hamilton Reservoir at Rawhide. Cooling water is used for steam condensation and flows through a closed-loop system, ultimately evaporating from Hamilton Reservoir, which is a zero-discharge on-site storage reservoir. Reusable water, such as Windy Gap water, is essential at Rawhide. After first use in primary energy production operations, the process and service water is collected and then reused to extinction in subsequent on-site operations.

"The energy industry is in the midst of a significant transition to a more diverse resource portfolio that will incorporate new generation and storage technologies, many of which rely on water as a key component," said Platte River Power Authority Senior Fuels and Water Engineer Chris Fields.

"As Platte River's water future evolves, it will likely include even more regional partnerships to best utilize water resources in northern Colorado. Chimney Hollow Reservoir will serve as a means for Platte River to provide the energy stability and reliability needed to serve the growing Northern Colorado region as a collaborative water partner," said Banks.

# MANAGER'S REPORT

## ITEM NO. 5H

**AUGUST 15, 2024**

### Background Summary:

- Received approval for Grant application for meter replacements = \$606,498
- Completed the 12" waterline relocation at Colo Blvd & Bella Rosa
- Relocation at CR 11 & 12 almost completed
- DBP2 testing August 20th
- Audit update – should have draft to review the last week of August
- Meeting with 3<sup>rd</sup> Pillar Solar regarding solar at Dry Creek.

### BOARD ACTION SUGGESTED:

Information Only.

# **CARTER LAKE FILTER PLANT MINUTES**

## **ITEM NO. 6A (1-2)**

**AUGUST 15, 2024**

### **Background Summary:**

Please review the Carter Lake Filter Plant Minutes from July.

**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, July 10, 2024. Attendance was as follows:

**Board of Directors**

Al Lind, President Present  
Ryan Heiland, Vice President Present  
Steve Brandenburg, Secretary/Treasurer Present  
Scott Meining Present  
Katie Strothauer Present  
Larry Brandt Present

**Staff/Guests in Attendance**

Rick Whittet CLFP General Manager  
Darrell Larson CLFP Plant Superintendent  
Bryan Beberniss CLFP Chief Operator  
Lisa Everson CLFP Office Manager  
Amber Kauffman LTWD District Manager  
Stan Linker CWCWD District Manager  
Josh Cook NoCo Engineering

**CALL TO ORDER:**

President Lind called the meeting to order at 4:30 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 Strothauer and seconded by Director Heiland to approve the meeting minutes of the June 12, 2024, Board Meeting. The motion carried.**

**FINANCIAL REVIEW:**

The financial reports from June were reviewed.

A large payment to AWC Water Solutions was approved. There was discussion about visiting the AWC facility to evaluate their progress.

**It was moved by Director Meining and seconded by Director Heiland to approve the June 2024 Financials as presented. The motion carried.**

**PROJECT UPDATE:**

Mr. Cook presented an update on the current projects. Issues were encountered during the startup of the new Dry Creek pump, the motor was producing an unusual noise and a leak was discovered on the pipeline. The issues are being addressed. The exterior of the 7-million-gallon storage tank is scheduled for warranty repairs beginning on July 29, 2024. Mr. Cook reported he is preparing the bidding documents for the PreTreatment and Plant Expansion Project which led to a discussion concerning the contractor selection process. Prior projects were discussed, and the discussion was tabled.

Mr. Larson provided an update on the current projects. He explained the Copper Sulfate treatment in Dry Creek appears to be working as intended.

**OPERATIONS AND MAINTENANCE REPORT:**

Mr. Beberniss presented the O & M report for the month of June. Mr. Whittet presented findings from membrane flow testing that had been performed by the Operators in recent weeks. The Operators observed the Memcor S10N Version 2 Modules outperformed the S10N Version 1 Modules in daily water production and in volumes produced between clean in place washes. Based on these observations, the plant production capacity is estimated to be lower than design by 8 million gallons per day. Mr. Whittet then presented estimated costs for 3,132 replacement S10 Version 2 modules, freight, manifold replacements, and valve assemblies.

**It was moved by Director Heiland and seconded by Director Meining to approve the purchase of replacement membrane modules and associated parts as presented in the amount of \$3,352,460.00. The motion carried. Director Lind abstained from the vote.**

**WATER QUALITY REPORT:**

Mr. Beberniss presented the Water Quality report for June, all parameters were within acceptable limits.

**MANAGER'S REPORT:**

Mr. Whittet reviewed the Manager's Report for June. He provided an update on the search for the Operator Assistant positions. The Board reviewed the anticipated costs of conducting the annual financial audit provided by Adams Group. The Board requested an engagement letter from Adams Group to perform the 2024 audit. Mr. Whittet reported that he had given a Plant tour to staff from Northern Colorado Water Conservancy District. CLFP Staff plan to attend a tour of the Chimney Hollow Reservoir Project in July.

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

There were no questions or comments.

**DIRECTOR REPORTS:**

There were no Director reports.

**There being no other business, the meeting was adjourned at 6:00 p.m.**

Respectfully Submitted,

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Secretary

# **CARTER LAKE FILTER PLANT AGENDA**

**ITEM NO. 6B**

**AUGUST 15, 2024**

## **Background Summary:**

Please review the Carter Lake Filter Plant Agenda for August.

**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

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## Regular Board Meeting Agenda August 14, 2024 – 4:30 P.M.

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1. **Call to Order**
2. **Review of Agenda Items**
3. **Election of Officers** Page 2
4. **Public Comment on Non-Agenda Items**
5. **Review of Meeting Minutes of Prior Board Meeting** Page 3
6. **Financial Review** Page 6
7. **Project Update** Page 23
8. **Operations and Maintenance Report** Page 28
9. **Water Quality Report** Page 30
10. **Preliminary Budget Discussion** Page 31
11. **Manager's Report** Page 33
12. **District Manager's Questions and Comments**
13. **Director Reports**
14. **Adjournment**

# CARTER LAKE FILTER PLANT PROJECT UPDATE

ITEM NO. 6C (1-26)

AUGUST 15, 2024

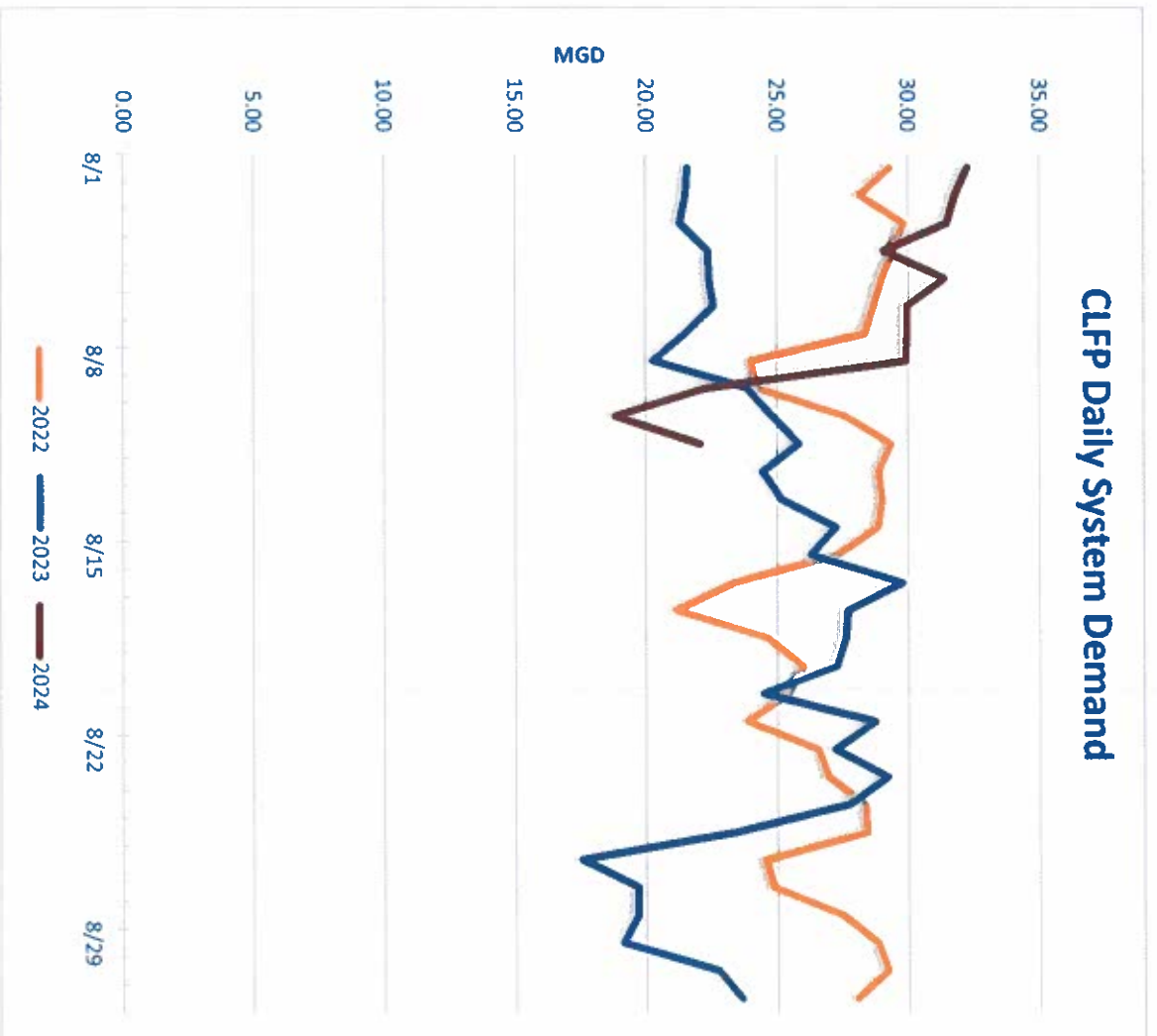
## Summary:

<b>Financials</b>	Year to date total revenues for July were less than budgeted for revenue and more than budgeted for expenses; year-to-date revenues and expenses are less than budgeted
<b>North Plant</b>	Completed the design for the mechanical ventilation. Awaiting a cost for the materials and installation of the equipment. Received a new reel for irrigation around the property Chlorine Dioxide generator flow meter stopped working Found a pinhole in the header pipe of Cell 6, rack 3 during a PDT test; been seeing a steady climb in the PDT value of Cell 6.
<b>Lake Level</b>	As of 7/31/2024 the lake level was 102,000 AF
<b>Flows</b>	The average daily demand for July was 29.3 MGD, up from 24.1 MGD in 2023
<b>Dry Creek</b>	Fitting leaked downstream of the pump that WESCO replaced and the pump is back in operation. Started up the smaller pump at a flowrate of 1 MGD but lost pressure and turned pump off; isolated the pump and ran the larger pump at 2.1 MGD until it was turned off again due to water quality concerns.
<b>7 MG Tank</b>	The contractor started work on the tank. The paint has peeled off more after pressure washing. The sidewalls are still good. Sending out a field order to paint the whole top of the tank. The cost will be on the contractor as more than 25% of the tank has coating failure.
<b>SCADA</b>	Upgrade in progress. LSI is working on trending and scada screen issues.
<b>South Plant</b>	The gutters on the west side of the building are in need of replacement. Fire mitigation and prep was done during the week of the fires Created a dirt berm around the perimeter of the propane tanks Hired NCC to spray water around the plants and property with large water tankers Changed out all filters for the ventilation and heating and air systems to a Merv 11 or higher rated filter Provided half mask respirators for the operators for outdoor smoke and air purifier filter fans in both control rooms to reduce smoke inhalation and a small amount of emergency food in case an operator had to shelter in place
<b>Audit</b>	Engagement letter for the 2024 audit from Adams Group has been requested
<b>Officers</b>	Election of Officers was held on Aug. 9 <sup>th</sup> . Albert Lind Jr. – President; Ryan Heiland – Vice President; Steven Brandenburg – Secretary/Treasurer

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



	2024	2023	2022
Units:	MG	MG	MG
8/1	32.27	21.60	29.33
8/2	31.80	21.53	28.17
8/3	31.51	21.31	29.85
8/4	29.08	22.38	29.45
8/5	31.40	22.41	29.00
8/6	29.95	22.59	28.68
8/7	29.96	21.52	28.36
8/8	29.92	20.28	24.05
8/9	22.29	23.86	24.27
8/10	18.84	24.83	27.62
8/11	22.08	25.84	29.36
8/12		24.47	28.89
8/13		25.19	29.02
8/14		27.26	28.87
8/15		26.31	27.32
8/16		29.79	23.39
8/17		27.69	21.18
8/18		27.62	24.67
8/19		27.29	26.02
8/20		24.51	25.45
8/21		28.73	23.90
8/22		27.22	26.59
8/23		29.22	26.99
8/24		27.74	28.36
8/25		23.46	28.43
8/26		17.56	24.60
8/27		19.69	24.85
8/28		19.70	27.52
8/29		19.12	28.85
8/30		22.75	29.23
8/31		23.65	28.04
Min:	18.84	17.56	21.18
Max:	32.27	29.79	29.85
Avg:	28.10	24.10	27.11





# **Carter Lake Filter Plant**

## **AGENDA ITEM SUMMARY**

**ITEM NUMBER:** 3

**SUBJECT:** Election of Officers

**STAFF:** Rick Whittet, Plant Manager

**ACTION REQUEST:** Elect Officers of the Board

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The last Election of Officers was held on August 9, 2023.

The officers of the Plant shall be a President, a Vice-President, a Secretary and a Treasurer. The officers of the Plant shall be selected by the Board of Directors of the Plant annually each year. The officers of the Plant shall serve at the pleasure of the Board of Directors.

**Current Officers of the Board:**

President: Albert Lind, Jr.

Vice President: Ryan Heiland

Secretary/Treasurer: Steven Brandenburg



# **Carter Lake Filter Plant**

## **AGENDA ITEM SUMMARY**

**ITEM NUMBER:** 6

**SUBJECT:** July Financial Review

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

**ACTION REQUEST:** Approval of July Financials

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• **Review of July Financials:**

- The monthly operations revenue was \$431,855 which is \$3,996 less than budgeted.
- The monthly operations expenses were \$417,845 which is \$11,970 more than budgeted.
- Year to date operations revenue is \$9,424 less than budgeted.
- Year to date operations expenses are \$273,467 less than budgeted.

• **Large Payment Approvals:**

- AWC invoice #321 for Pre-Treatment Equipment in the amount of \$1,296,540.00.

**CARTER LAKE FILTER PLANT**  
**Balance Sheet**  
**As of July 31, 2024**

Accrual Basis

	<i>Jul 31, 24</i>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
100500 · PETTY CASH	183.31
101000 · CASHBANK ACCOUNT	429,162.98
105000 · COLOTRUST SAVINGS	22,320.04
<b>Total Checking/Savings</b>	451,666.33
<b>Accounts Receivable</b>	
110000 · ACCOUNTS RECEIVABLE	1,737,169.82
<b>Total Accounts Receivable</b>	1,737,169.82
<b>Total Current Assets</b>	2,188,836.15
<b>Fixed Assets</b>	
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	3,427.06
123000 · ACCUMULATED DEPRECIATION	-7,041,904.95
<b>Total Fixed Assets</b>	5,136,908.15
<b>Other Assets</b>	
126000 · INVENTORY	260,604.49
<b>Total Other Assets</b>	260,604.49
<b>TOTAL ASSETS</b>	<b>7,586,348.79</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
200000 · ACCOUNTS PAYABLE	1,444,438.37
<b>Total Accounts Payable</b>	1,444,438.37

**CARTER LAKE FILTER PLANT**  
**Balance Sheet**  
**As of July 31, 2024**

Accrual Basis

	<b>Jul 31, 24</b>
<b>Other Current Liabilities</b>	
200001 · AUDIT ADJ PAYABLES	11,185.00
200100 · PAYROLL TAXES PAYABLE	2.52
200200 · STATE WITHHOLDING TAX	3,767.00
202000 · ACCRUED COMP. ABSENCES	58,424.07
202100 · ACCRUED WAGES PAYABLE	6,897.27
<b>Total Other Current Liabilities</b>	<b>80,275.86</b>
<b>Total Current Liabilities</b>	<b>1,524,714.23</b>
<b>Total Liabilities</b>	<b>1,524,714.23</b>
<b>Equity</b>	
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	-331.49
<b>Total Equity</b>	<b>6,061,634.56</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>7,586,348.79</b>

**CARTER LAKE FILTER PLANT**  
**Profit & Loss Budget Overview**  
**July 2024**

Accrual Basis

	<u>Jul 24</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Jan - Jul 24</u>	<u>YTD Budget</u>	<u>\$ Over Budget</u>	<u>Annual Budget</u>
<b>Income</b>							
301000 - INCOME OPERATIONS	431,854.94	435,851.18	-3,996.24	2,367,868.11	2,377,292.17	-9,424.06	4,172,634.13
302000 - INCOME MISCELLANEOUS	0.00			2,500.00			
302400 - INCOME INTEREST	773.10	17.91	755.19	4,152.77	125.42	4,027.35	215.00
<b>Total Income</b>	<b>432,628.04</b>	<b>435,869.09</b>	<b>-3,241.05</b>	<b>2,374,520.88</b>	<b>2,377,417.59</b>	<b>-2,896.71</b>	<b>4,172,849.13</b>
<b>Expense</b>							
501000 - ADMINISTRATIVE							
501100 - NCWCD 16" LINE FEES	0.00	0.00	0.00	0.00	0.00	0.00	1,500.00
501200 - LEGAL NOTICES	0.00	0.00	0.00	89.34	0.00	89.34	0.00
501300 - FEES, LICENSES & DUES	514.00	967.95	-453.95	7,691.35	8,160.25	-468.90	13,000.00
506200 - BOD MILEAGE	201.00	207.00	-6.00	1,314.54	1,449.00	-134.46	2,484.00
506600 - OFFICE SUPPLIES	449.74	500.00	-50.26	5,340.18	8,250.00	-2,909.82	12,500.00
506700 - CUSTODIAL SUPPLIES	512.64	0.00	512.64	1,229.22	990.00	239.22	1,980.00
506900 - FURNITURE	1,621.18	625.00	996.18	1,711.17	1,875.00	-163.83	2,500.00
<b>Total 501000 - ADMINISTRATIVE</b>	<b>3,298.56</b>	<b>2,299.95</b>	<b>998.61</b>	<b>17,375.80</b>	<b>20,724.25</b>	<b>-3,348.45</b>	<b>33,964.00</b>
501500 - TRAINING							
501600 - SEMINARS & FEES	0.00	650.00	-650.00	0.00	4,550.00	-4,550.00	7,800.00
501800 - SAFETY	270.00	333.33	-63.33	1,890.00	2,333.35	-443.35	4,000.00
<b>Total 501500 - TRAINING</b>	<b>270.00</b>	<b>983.33</b>	<b>-713.33</b>	<b>1,890.00</b>	<b>6,883.35</b>	<b>-4,993.35</b>	<b>11,800.00</b>
502000 - LABORATORY							
502500 - SUPPLIES	3,034.09	3,286.75	-252.66	7,221.94	11,860.25	-4,638.31	17,147.00
502700 - PROFESSIONAL SERVICES	0.00	0.00	0.00	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
<b>Total 502000 - LABORATORY</b>	<b>3,034.09</b>	<b>3,286.75</b>	<b>-252.66</b>	<b>38,128.59</b>	<b>46,228.25</b>	<b>-8,099.66</b>	<b>54,445.00</b>
503200 - SOUTH PLANT CHEMICALS							
503202 - COAGULANT	41,323.80	0.00	41,323.80	91,136.80	112,111.34	-20,974.54	168,167.00
503203 - SEQUEST	0.00	0.00	0.00	30,272.00	33,299.20	-3,027.20	66,598.40
503204 - CHLORINE	4,010.80	6,123.75	-2,112.95	24,064.80	24,495.00	-430.20	40,825.25
503205 - FLUORIDE	0.00	14,994.60	-14,994.60	23,849.68	29,794.60	-5,944.92	29,794.60
503206 - FLOCCULANT	2,091.12	0.00	2,091.12	2,091.12	2,442.00	-350.88	2,442.00
503207 - FERRIC SULFATE	0.00	0.00	0.00	40,436.45	43,422.80	-2,986.35	69,902.80
503208 - SODA ASH	13,644.00	9,887.20	3,756.80	36,384.00	39,548.80	-3,164.80	63,031.20
503209 - SODIUM CHLORITE	20,524.72	0.00	20,524.72	20,524.72	53,350.00	-32,825.28	68,737.00
<b>Total 503200 - SOUTH PLANT CHEMICA...</b>	<b>81,594.44</b>	<b>31,005.55</b>	<b>50,588.89</b>	<b>268,759.57</b>	<b>338,463.74</b>	<b>-69,704.17</b>	<b>509,498.25</b>

**CARTER LAKE FILTER PLANT  
Profit & Loss Budget Overview  
July 2024**

Accrual Basis

	<u>Jul 24</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Jan - Jul 24</u>	<u>YTD Budget</u>	<u>\$ Over Budget</u>	<u>Annual Budget</u>
<b>503300 - NORTH PLANT CHEMICALS</b>							
503302 - COAGULANT	22,902.00	26,148.10	-3,246.10	55,042.66	78,444.20	-23,401.54	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	10,027.00	8,165.00	1,862.00	37,427.60	32,660.00	4,767.60	56,925.00
503305 - FLUORIDE	0.00	14,995.00	-14,995.00	23,849.68	29,795.00	-5,945.32	44,000.00
503306 - CAUSTIC SODA	0.00	7,281.45	-7,281.45	7,100.60	14,562.90	-7,462.30	14,562.90
503307 - FERRIC SULFATE	0.00	20,819.00	-20,819.00	99,307.05	104,095.00	-4,787.95	229,004.00
503308 - SODA ASH	11,884.50	23,100.00	-11,215.50	55,404.00	69,300.00	-13,896.00	115,924.00
503309 - SODIUM CHLORITE	29,897.68	53,350.00	-23,452.32	78,497.68	106,700.00	-28,202.32	138,954.00
503310 - CLEAN-IN-PLACE	39,890.72	24,033.80	15,856.92	133,224.01	100,409.10	32,814.91	142,450.00
<b>Total 503300 - NORTH PLANT CHEMIC...</b>	<b>114,601.90</b>	<b>177,892.35</b>	<b>-63,290.45</b>	<b>535,261.28</b>	<b>585,915.00</b>	<b>-50,653.72</b>	<b>946,309.80</b>
<b>503400 - DRY CREEK CHEMICALS</b>							
503402 - COPPER SULFATE	33,890.00	0.00	33,890.00	67,780.00	55,000.00	12,780.00	55,000.00
<b>Total 503400 - DRY CREEK CHEMICALS</b>	<b>33,890.00</b>	<b>0.00</b>	<b>33,890.00</b>	<b>67,780.00</b>	<b>55,000.00</b>	<b>12,780.00</b>	<b>55,000.00</b>
<b>504000 - PROFESSIONAL SERVICES</b>							
504100 - CONTROL SYSTEM	309.00	2,916.67	-2,607.67	9,052.50	20,416.67	-11,364.17	35,000.00
504200 - ELECTRICAL	0.00	2,340.25	-2,340.25	17,332.72	16,381.75	950.97	28,083.00
504300 - FIRE & SECURITY	361.00	926.50	-565.50	761.00	4,279.50	-3,518.50	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	921.50	910.00	11.50	2,350.00
504600 - ACCOUNTING	0.00	0.00	0.00	24,500.00	24,500.00	0.00	24,500.00
504800 - ENGINEERING	1,402.50	3,152.92	-1,750.42	11,762.40	22,070.43	-10,308.03	37,835.00
504900 - LEGAL	0.00	375.00	-375.00	5,632.50	2,625.00	3,007.50	4,162.00
<b>Total 504000 - PROFESSIONAL SERVICES</b>	<b>2,197.00</b>	<b>9,841.34</b>	<b>-7,644.34</b>	<b>73,206.62</b>	<b>94,985.35</b>	<b>-21,778.73</b>	<b>140,938.00</b>
<b>507000 - WATER QUALITY</b>							
507100 - INORGANICS	0.00	0.00	0.00	351.00	946.00	-595.00	946.00
507200 - CHLORITES	90.00	99.00	-9.00	270.00	297.00	-27.00	396.00
507600 - RAW ALGAE ID	600.00	385.00	215.00	2,600.00	2,310.00	290.00	4,235.00
507800 - DISCHARGE	36.00	19.84	16.16	1,470.00	138.84	1,331.16	238.00
507900 - OTHER	82.00	243.10	-161.10	347.00	1,305.70	-958.70	2,521.00
<b>Total 507000 - WATER QUALITY</b>	<b>808.00</b>	<b>746.94</b>	<b>61.06</b>	<b>5,038.00</b>	<b>4,997.54</b>	<b>40.46</b>	<b>8,336.00</b>

**CARTER LAKE FILTER PLANT  
Profit & Loss Budget Overview  
July 2024**

Accrual Basis

	<u>Jul 24</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Jan - Jul 24</u>	<u>YTD Budget</u>	<u>\$ Over Budget</u>	<u>Annual Budget</u>
<b>508000 - OPERATIONS &amp; MAINTENANCE</b>							
508600 - GENERAL SERVICES	7,541.32	7,076.00	465.32	57,145.15	49,532.00	7,613.15	84,912.00
508700 - PARTS & SUPPLIES	3,444.20	7,058.34	-3,614.14	41,829.02	49,408.33	-7,579.31	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	9,600.00	0.00	9,600.00	11,343.90	27,400.00	-16,056.10	27,400.00
509000 - GARBAGE REMOVAL	415.06	291.66	123.40	2,225.47	2,041.66	183.81	3,500.00
510100 - DIESEL	0.00	4,000.00	-4,000.00	2,805.96	4,000.00	-1,194.04	4,000.00
510200 - GASOLINE	508.82	800.00	-291.18	2,267.42	4,402.00	-2,134.58	7,205.00
510300 - MILEAGE REIMBURSEMENT	0.00	62.50	-62.50	89.78	187.50	-97.72	250.00
510700 - CLOTHING	1,766.14	4,040.00	-2,273.86	1,766.14	4,840.00	-3,073.86	5,240.00
510800 - SAFETY SUPPLIES	816.13	1,001.75	-185.62	5,434.27	3,885.25	1,549.02	5,767.00
512000 - FILTER PLANT HOUSE	0.00	0.00	0.00	6,579.08	10,000.00	-3,420.92	10,000.00
<b>Total 508000 - OPERATIONS &amp; MAINTENANCE</b>	<b>24,091.67</b>	<b>24,330.25</b>	<b>-238.58</b>	<b>131,983.50</b>	<b>157,797.74</b>	<b>-25,814.24</b>	<b>237,176.00</b>
<b>511500 - VEHICLE MAINTENANCE</b>							
511900 - 2012 GMC	1,146.12			1,146.12			
511500 - VEHICLE MAINTENANCE - ...	0.00	607.75	-607.75	254.83	4,254.25	-3,999.42	7,293.00
<b>Total 511500 - VEHICLE MAINTENANCE</b>	<b>1,146.12</b>	<b>607.75</b>	<b>538.37</b>	<b>1,400.95</b>	<b>4,254.25</b>	<b>-2,853.30</b>	<b>7,293.00</b>
<b>513000 - UTILITIES</b>							
<b>505000 - COMMUNICATIONS</b>							
505100 - TELEPHONE SERVICE	375.12	447.75	-72.63	2,509.04	3,134.25	-625.21	5,373.00
505200 - CELLULAR SERVICE	377.40	322.00	55.40	5,978.07	5,870.00	108.07	7,480.00
<b>Total 505000 - COMMUNICATIONS</b>	<b>752.52</b>	<b>769.75</b>	<b>-17.23</b>	<b>8,487.11</b>	<b>9,004.25</b>	<b>-517.14</b>	<b>12,853.00</b>
<b>513100 - ELECTRICITY</b>							
513600 - NORTH PLANT	11,651.18	11,500.00	151.18	72,878.60	71,800.00	1,078.60	126,000.00
513700 - SOUTH PLANT	5,356.54	5,213.00	143.54	33,439.87	38,113.00	-4,673.13	66,413.00
513800 - PLANT HOUSE	133.42	150.00	-16.58	863.83	934.00	-70.17	1,628.00
<b>Total 513100 - ELECTRICITY</b>	<b>17,141.14</b>	<b>16,863.00</b>	<b>278.14</b>	<b>107,182.30</b>	<b>110,847.00</b>	<b>-3,664.70</b>	<b>194,041.00</b>
<b>514000 - PROPANE</b>							
514100 - NORTH PLANT	0.00	1,000.00	-1,000.00	3,809.24	10,300.00	-6,490.76	17,355.00
514200 - SOUTH PLANT	0.00	1,000.00	-1,000.00	6,657.98	9,200.00	-2,542.02	13,790.00
514300 - PLANT HOUSE	0.00	0.00	0.00	507.71	850.00	-342.29	1,815.00
<b>Total 514000 - PROPANE</b>	<b>0.00</b>	<b>2,000.00</b>	<b>-2,000.00</b>	<b>10,974.93</b>	<b>20,350.00</b>	<b>-9,375.07</b>	<b>32,960.00</b>
<b>Total 513000 - UTILITIES</b>	<b>17,893.66</b>	<b>19,632.75</b>	<b>-1,739.09</b>	<b>126,644.34</b>	<b>140,201.25</b>	<b>-13,556.91</b>	<b>239,854.00</b>



**CARTER LAKE FILTER PLANT**  
**Profit & Loss Budget Overview**  
**July 2024**

Accrual Basis

	<u>Jul 24</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>Jan - Jul 24</u>	<u>YTD Budget</u>	<u>\$ Over Budget</u>	<u>Annual Budget</u>
515000 · PAYROLL	96,010.34	92,445.91	3,564.43	646,017.59	657,384.69	-11,367.10	1,152,285.99
515500 · PAYROLL TAXES	7,344.80	7,072.11	272.69	49,420.34	50,290.05	-869.71	88,150.00
515600 · STATE UNEMPLOYMENT	596.96	952.00	-355.04	1,639.69	2,504.00	-864.31	3,456.00
516100 · INSURANCE							
505500 · PROPERTY & LIABILITY	-631.00	0.00	-631.00	169,578.00	224,647.00	-55,069.00	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	30,708.91	-2,787.34	196,509.34	214,962.41	-18,453.07	368,507.00
<b>Total 516100 · INSURANCE</b>	<b>27,290.57</b>	<b>30,708.91</b>	<b>-3,418.34</b>	<b>382,741.34</b>	<b>454,609.41</b>	<b>-71,868.07</b>	<b>608,154.00</b>
516500 · RETIREMENT CONTRIBUTION	3,777.08	4,069.21	-292.13	27,564.76	28,080.40	-515.64	49,607.00
<b>Total Expense</b>	<b>417,845.19</b>	<b>405,875.10</b>	<b>11,970.09</b>	<b>2,374,852.37</b>	<b>2,648,319.27</b>	<b>-273,466.90</b>	<b>4,146,267.04</b>
<b>Net Income</b>	<b>14,782.85</b>	<b>29,993.99</b>	<b>-15,211.14</b>	<b>-331.49</b>	<b>-270,901.68</b>	<b>270,570.19</b>	<b>26,582.09</b>

**CARTER LAKE FILTER PLANT**

**Invoices to Districts**

**As of July 31, 2024**

<u>Date</u>	<u>Invoice #</u>	<u>District</u>	<u>Memo</u>	<u>Amount</u>	<u>Paid</u>
7/5/24	2091	CWCWD	DRY CREEK PUMP INSTALL (NOCO & WESCO)	10,665.95	✓
7/5/24	2092	LTWD	DRY CREEK PUMP INSTALL (NOCO & WESCO)	10,665.95	✓
7/5/24	2093	CWCWD	PRETREATMENT DESIGN (NOCO)	29,236.62	✓
7/5/24	2094	LTWD	PRETREATMENT DESIGN (NOCO)	29,236.62	✓
7/5/24	2095	CWCWD	7MG TANK WARRANTY REPAIRS (NOCO)	1,078.75	✓
7/5/24	2096	LTWD	7MG TANK WARRANTY REPAIRS (NOCO)	1,078.75	✓
7/5/24	2097	CWCWD	W 5MG TANK (NOCO)	70.00	✓
7/5/24	2098	LTWD	W 5MG TANK (NOCO)	70.00	✓
7/31/24	2099	CWCWD	SCADA UPGRADE (LSI)	728.65	
7/31/24	2100	LTWD	SCADA UPGRADE (LSI)	728.65	
7/31/24	2101	CWCWD	PRETREATMENT DESIGN/CONSTRUCTION (LSI & AWC)	648,627.75	
7/31/24	2102	LTWD	PRETREATMENT DESIGN/CONSTRUCTION (LSI & AWC)	648,627.75	
7/31/24	2103	CWCWD	DRY CREEK PUMP INSTALL (LSI)	1,580.20	
7/31/24	2104	LTWD	DRY CREEK PUMP INSTALL (LSI)	1,580.20	
7/31/24	2105	CWCWD	DRY CREEK -ELECTRICAL	1,720.84	
7/31/24	2106	LTWD	DRY CREEK -ELECTRICAL	1,720.84	
7/31/24	2107	CWCWD	JULY WATER USAGE	239,655.22	
7/31/24	2108	LTWD	JULY WATER USAGE	192,199.72	

**TOTAL DISTRICT INVOICES**

**\$ 1,819,272.46**

**TOTAL CURRENT ACCOUNTS RECEIVABLE**

**\$ 1,737,169.82**

CARTER LAKE FILTER PLANT  
Check Register  
As of July 31, 2024

Num	Date	Name	Memo	Amount
101000		CASHBANK ACCOUNT		
BILL PAY	7/10/2024	AWC WATER SOLUTIONS LTD	PRETREATMENT CONSTRUCTION	\$ 701,525.00
BILL PAY	7/30/2024	NOCO ENGINEERING CO	CAPITAL PROJECTS	\$ 69,060.52
BILL PAY	7/16/2024	USALCO	CHEMICALS	\$ 41,323.80
BILL PAY	7/16/2024	HARCROS CHEMICALS INC.	CHEMICALS	\$ 39,341.68
BILL PAY	7/1/2024	CEBT	EMPLOYEE INSURANCE	\$ 27,921.57
BILL PAY	7/1/2024	NOCO ENGINEERING CO	CAPITAL PROJECTS	\$ 23,756.15
BILL PAY	7/22/2024	USALCO	CHEMICALS	\$ 22,902.00
25745	7/9/2024	AVISTA	CHEMICALS	\$ 22,368.99
BILL PAY	7/22/2024	HARCROS CHEMICALS INC.	CHEMICALS	\$ 19,665.00
BILL PAY	7/22/2024	MARMAC WATER	CHEMICALS	\$ 19,390.33
BILL PAY	7/9/2024	POUDRE VALLEY REA	UTILITIES -ELECTRIC	\$ 17,141.14
25752	7/16/2024	PVS DX, INC	CHEMICALS	\$ 17,119.86
BILL PAY	7/22/2024	WESCO	DRY CREEK PUMP INSTALL	\$ 14,444.65
25749	7/9/2024	LOGICAL SYSTEMS, LLC	SCADA UPGRADES	\$ 11,202.40
BILL PAY	7/30/2024	HARCROS CHEMICALS INC.	CHEMICALS	\$ 4,548.00
BILL PAY	7/30/2024	EVOQUA WATER TECHNOLOGIES	GENERAL SERVICES	\$ 4,482.00
BILL PAY	7/1/2024	POUDRE VALLEY REA	UTILITIES -ELECTRIC	\$ 2,250.00
25763	7/30/2024	JOHNSTOWN CLOTHING	EMPLOYEE SHIRTS	\$ 1,766.14
25751	7/10/2024	MR. ROOTER PLUMBING	DRAIN CLEANING	\$ 1,479.32
BILL PAY	7/22/2024	CARDMEMBER SERVICE	CREDIT CARD PURCHASES	\$ 1,315.02
25761	7/30/2024	C & T CUSTOM FABRICATION, INC.	PARTS & HARDWARE	\$ 1,250.00
25743	7/1/2024	SHELLY TRUCKS	SEPTIC PUMPING	\$ 1,170.00
25760	7/30/2024	ADVANTAGE AUTOMOTIVE	VEHICLE MAINTENANCE -202 GMC	\$ 1,146.12
25765	7/30/2024	MOTION INDUSTRIES	PARTS & HARDWARE	\$ 908.32
BILL PAY	7/16/2024	CORE & MAIN	PARTS & HARDWARE	\$ 860.12
BILL PAY	7/30/2024	HACH COMPANY	LABORATORY SUPPLIES	\$ 736.45
25742	7/1/2024	MALLORY SAFETY & SUPPLY	LABORATORY SERVICES	\$ 732.50
BILL PAY	7/22/2024	ELVINA AND YOUSAF LLC	FUELS -GASOLINE	\$ 613.20
BILL PAY	7/22/2024	CH DIAGNOSTIC/CONSULTING	WATER QUALITY ANALYSIS	\$ 400.00
BILL PAY	7/30/2024	CH DIAGNOSTIC/CONSULTING	WATER QUALITY ANALYSIS	\$ 400.00
BILL PAY	7/22/2024	VERIZON	COMMUNICATIONS -CELLULAR	\$ 377.40
25746	7/9/2024	BACKFLOW TECH, INC.	BACKFLOW INSPECTIONS	\$ 357.74
25747	7/9/2024	C & T CUSTOM FABRICATION, INC.	PARTS & HARDWARE	\$ 337.50
BILL PAY	7/16/2024	REPUBLIC SERVICES	TRASH REMOVAL	\$ 298.15
BILL PAY	7/16/2024	SAFETY SERVICES	SAFETY TRAINING	\$ 270.00
25755	7/22/2024	CINTAS CORPORATION	AED SERVICES	\$ 218.00
BILL PAY	7/1/2024	CH DIAGNOSTIC/CONSULTING	WATER QUALITY ANALYSIS	\$ 200.00
25750	7/9/2024	SCHRADER PROPANE	UTILITIES -PROPANE	\$ 180.00
25744	7/1/2024	USABLUEBOOK	PARTS & HARDWARE	\$ 173.40
BILL PAY	7/1/2024	OFFICE DEPOT CREDIT PLAN	OFFICE SUPPLIES	\$ 170.70
BILL PAY	7/1/2024	CENTURYLINK	COMMUNICATIONS -TELEPHONE	\$ 154.19
BILL PAY	7/9/2024	CORE & MAIN	PARTS & HARDWARE	\$ 151.14
25748	7/9/2024	CORKAT DATA SOLUTIONS	OFFICE 365 SUBSCRIPTION FEE	\$ 124.50
BILL PAY	7/16/2024	NAPA OF BERTHOUD	VEHICLE MAINTENANCE	\$ 119.86
BILL PAY	7/9/2024	CLEARFLY	COMMUNICATIONS -TELEPHONE	\$ 114.43
BILL PAY	7/1/2024	CENTURYLINK	COMMUNICATIONS -TELEPHONE	\$ 106.50
BILL PAY	7/16/2024	BES BUSINESS EQUIPMENT	COPIER SERVICE AGREEMENT	\$ 90.96
25762	7/30/2024	CITY FORT COLLINS	WATER QUALITY ANALYSIS	\$ 90.00
25757	7/22/2024	GRAINGER, INC	PARTS & HARDWARE	\$ 89.25
25756	7/22/2024	CO.DEPT.LABOR & EMPLOYMENT	DIESEL TANK FEES	\$ 70.00
25753	7/16/2024	WELD COUNTY HEALTH DEPT	WATER QUALITY ANALYSIS	\$ 59.00
25741	7/1/2024	GRAINGER, INC	PARTS & HARDWARE	\$ 43.56
25754	7/22/2024	BERTHOUD ACE HARDWARE	PARTS & HARDWARE	\$ 42.13
25766	7/30/2024	WAGNER WELDING SUPPLY CO.	LABORATORY SUPPLIES	\$ 16.52
25758	7/22/2024	WAGNER WELDING SUPPLY CO.	LABORATORY SUPPLIES	\$ 9.30
<b>OPERATIONS TOTAL:</b>				<b>\$ 1,075,084.51</b>

**CARTER LAKE FILTER PLANT**  
**Check Register**  
**As of July 31, 2024**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
DIRECT DEPOSIT	7/12/2024	DIRECT DEPOSIT	PAYROLL PERIOD 6/28/24-7/11/24	\$ 33,313.63
DIRECT DEPOSIT	7/26/2024	DIRECT DEPOSIT	PAYROLL PERIOD 7/12/24-7/25/24	\$ 39,722.45
DIRECT DEPOSIT	7/26/2024	LIND, ALBERT L	BOARD MEMBER REIMBURSEMENT	\$ 152.65
25759	7/26/2024	STROHAUER, KATIE	BOARD MEMBER REIMBURSEMENT	\$ 136.57
DIRECT DEPOSIT	7/26/2024	MEINING, T. SCOTT	BOARD MEMBER REIMBURSEMENT	\$ 132.55
DIRECT DEPOSIT	7/26/2024	BRANDENBURG, STEVEN	BOARD MEMBER REIMBURSEMENT	\$ 108.43
DIRECT DEPOSIT	7/26/2024	HEILAND, RYAN	BOARD MEMBER REIMBURSEMENT	\$ 100.39
DIRECT DEPOSIT	7/26/2024	BRANDT, LARRY	BOARD MEMBER REIMBURSEMENT	\$ 24.51
ACH PAYMENT	7/12/2024	FEDERAL PR TAX	PAYROLL TAXES	\$ 11,260.30
ACH PAYMENT	7/26/2024	FEDERAL PR TAX	PAYROLL TAXES	\$ 13,598.30
ACH PAYMENT	7/5/2024	COLORADO WITHHOLDING TAXES	PAYROLL TAXES	\$ 3,208.00
ACH PAYMENT	7/5/2024	COLORADO STATE TREASURER	UI QTR 2 PAYMENT	\$ 596.96
25764	7/30/2024	LINCOLN NATIONAL LIFE	457 CONTRIBUTION	\$ 5,016.44
<b><u>PAYROLL TOTAL</u></b>				<b>\$ 107,371.18</b>
<b><u>TOTAL EXPENSES</u></b>				<b>\$ 1,182,455.69</b>

**Deposit Summary**  
**As of July 31, 2024**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Deposits</u>
101000 - CASHBANK ACCOUNT				
CHECK	7/23/2024	CO DEPT OF REVENUE	QTR 2 FUEL TAX REFUND	\$ 104.38
DIRECT DEPOSIT	7/8/2024	CWCWD	JUNE WATER USAGE	\$ 238,903.01
DIRECT DEPOSIT	7/11/2024	LTWD	JUNE WATER USAGE, CAPITAL PROJECTS	\$ 230,056.39
DIRECT DEPOSIT	7/22/2024	CWCWD	CAPITAL PROJECTS	\$ 41,051.32
	7/31/2024	TCW RISK MANAGEMENT	PREMIUM REFUND - SALE OF 1997 FORD	\$ 631.00
	7/31/2024	INDEPENDENT FINANCIAL	INTEREST INCOME	\$ 670.84
<b><u>CHECKING TOTAL:</u></b>				<b>\$ 511,416.94</b>

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Deposits</u>
105000 - COLOTRUST SAVINGS				
	7/31/2024	COLOTRUST	INTEREST INCOME	\$ 102.26
<b><u>SAVINGS TOTAL:</u></b>				<b>\$ 102.26</b>

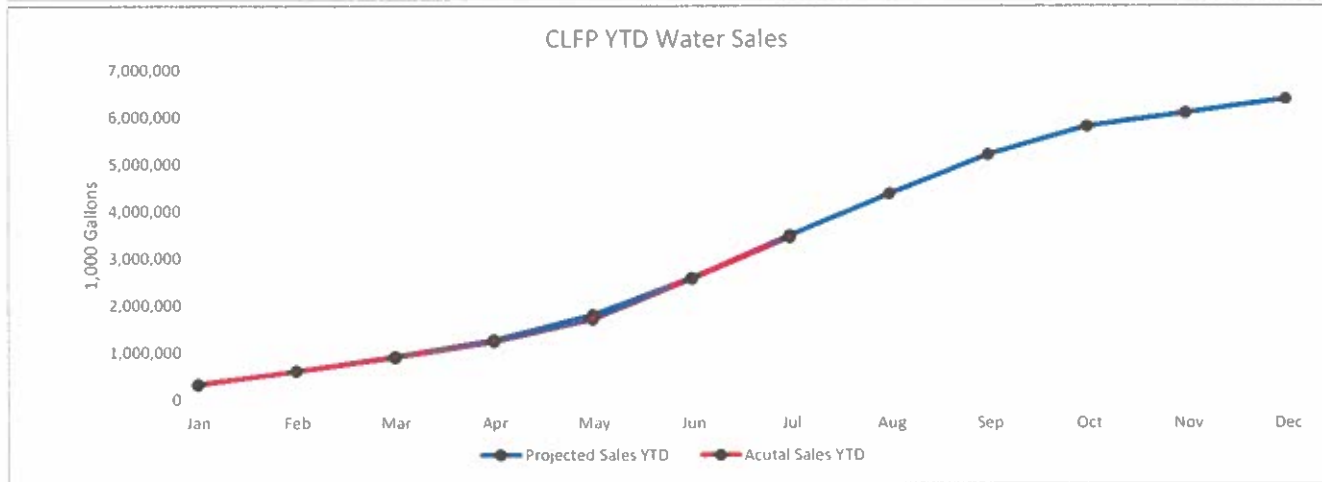
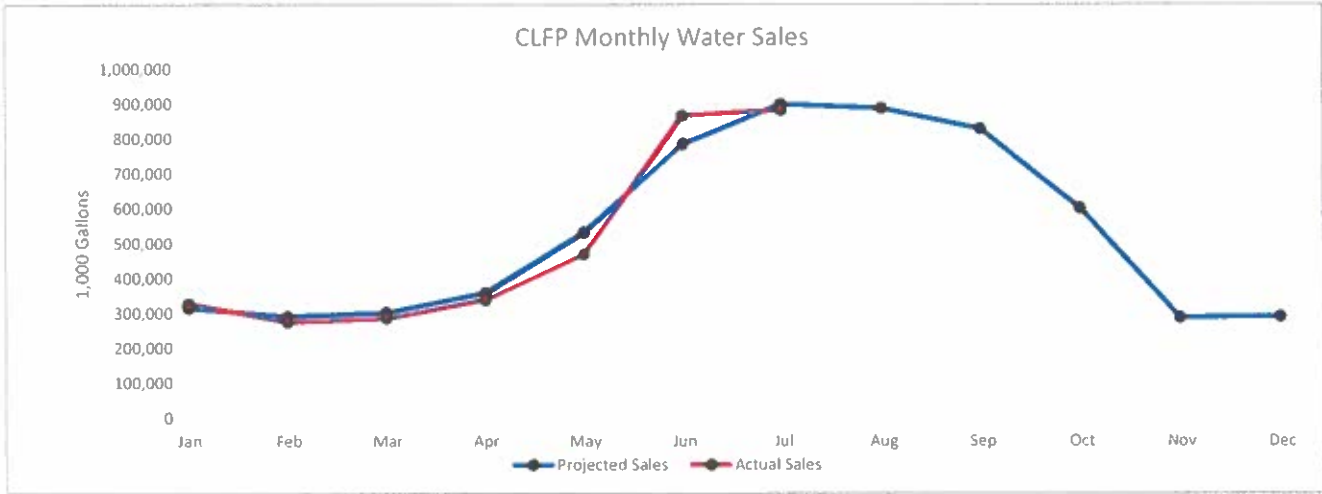
Carter Lake Filter Plant  
Credit Card Purchases

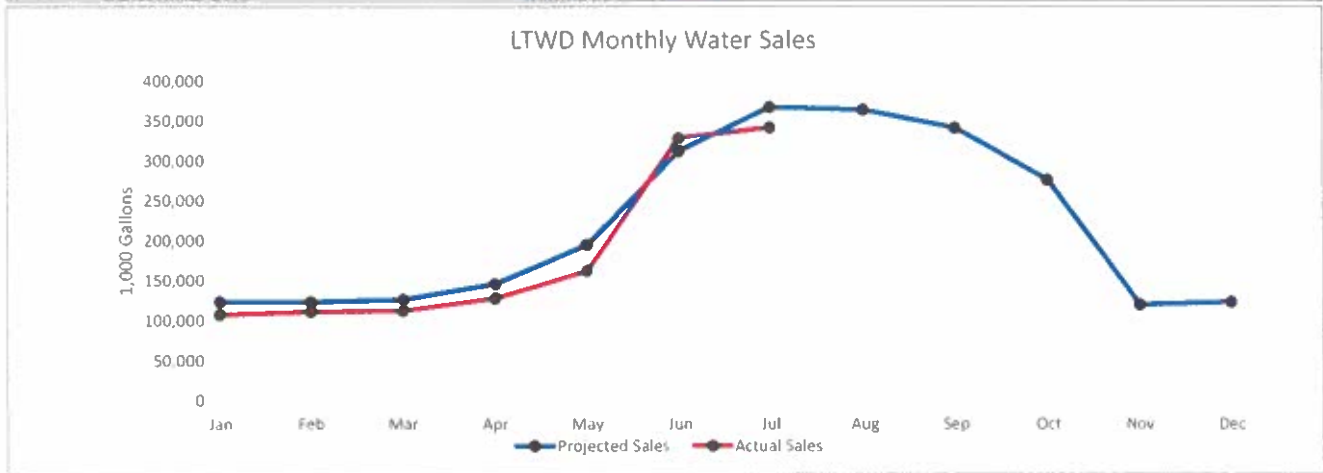
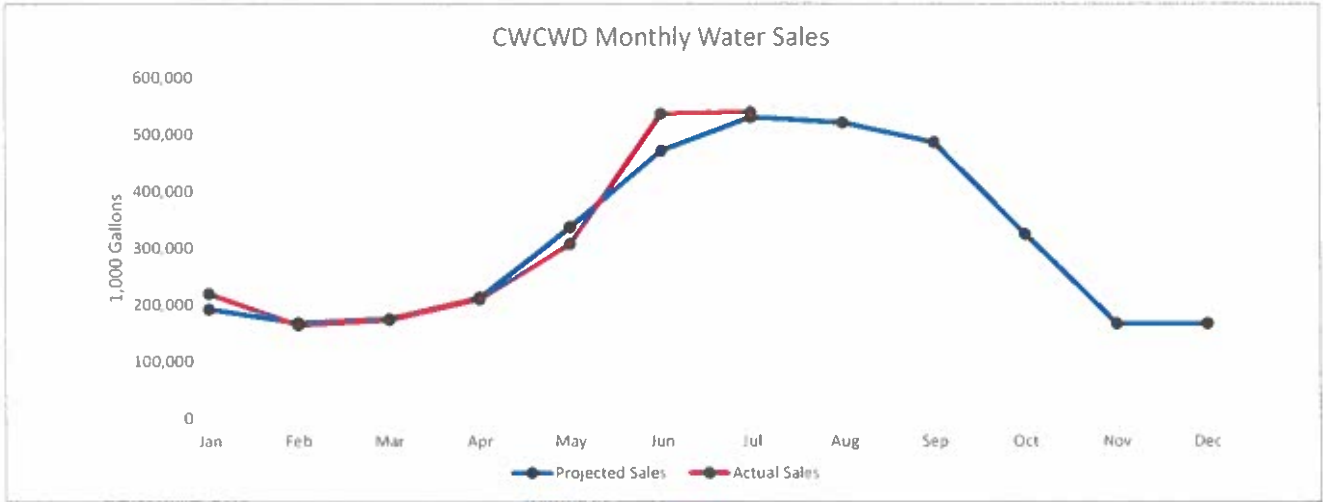
<u>VISA - July Statement</u>				
<u>Date of Purchase</u>	<u>Vendor Name</u>	<u>Item(s)</u>	<u>Memo</u>	<u>Cost</u>
5/30	DURR UNIVERSAL	AIR FILTERS		\$ 293.94
6/4	PIRATE SHIP	POSTAGE		\$ 4.28
6/4	PIRATE SHIP	POSTAGE		\$ 5.25
6/4	LARIMER COUNTY LANDFILL	LANDFILL FEE	DISPOSAL OF OLD MEMBRANES	\$ 64.95
6/6	LARIMER COUNTY LANDFILL	LANDFILL FEE	DISPOSAL OF OLD MEMBRANES	\$ 51.96
6/6	JK WASH	TRUCK WASH		\$ 9.00
6/12	KING SOOPERS	SNACKS/ POP	BOD MEETING	\$ 69.72
6/13	AWWA	JOB POSTING		\$ 299.00
6/13	SAM'S	2ND QTR SUPPLIES		\$ 512.64
7/1	PIRATE SHIP	POSTAGE		\$ 4.28
<b>Total</b>				<b>\$ 1,315.02</b>

<u>Office Depot - June Statement</u>				
<u>Date of Purchase</u>	<u>Item(s)</u>	<u>Memo</u>	<u>Cost</u>	
5/17	LABEL MAKER TAPE		\$ 36.99	
5/20	BATTERIES		\$ 16.39	
5/30	CATS CABLES		\$ 19.98	
6/3	ENVELOPES		\$ 49.99	
6/7	PRINTER TONER		\$ 47.35	
<b>Total</b>				<b>\$ 170.70</b>

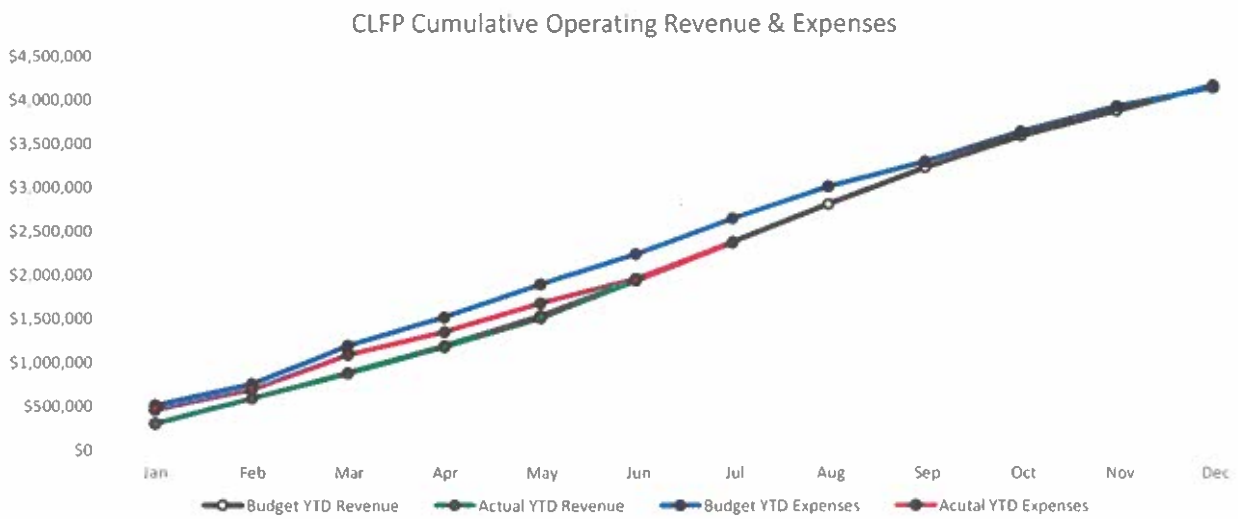
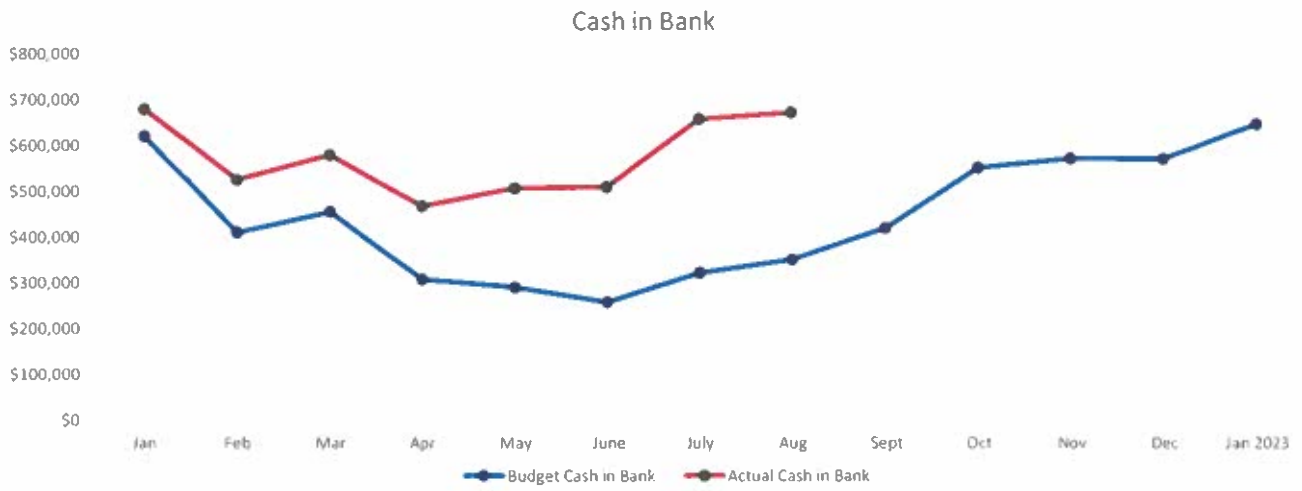
**Carter Lake Filter Plant Operations Fund Summary - 2024**

Month	Water Sales (1,000 Gallons)		Dollars Billed		Expenses		Net Gain / Loss	
	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	\$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	\$279,425	\$64,194	\$148,483
Jul	899,380	882,729	\$435,851	\$431,855	\$407,393	\$417,845	\$28,458	\$14,010
Aug	0	0	\$0	\$0	\$0	\$0	\$0	\$0
Sep	0	0	\$0	\$0	\$0	\$0	\$0	\$0
Oct	0	0	\$0	\$0	\$0	\$0	\$0	\$0
Nov	0	0	\$0	\$0	\$0	\$0	\$0	\$0
Dec	0	0	\$0	\$0	\$0	\$0	\$0	\$0
<b>YTD Total</b>	<b>3,488,717</b>	<b>3,449,450</b>	<b>\$2,377,292</b>	<b>\$2,367,868</b>	<b>\$2,647,397</b>	<b>\$2,374,853</b>	<b>(\$270,104)</b>	<b>(\$6,985)</b>









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

Little Thompson Water District									
Month	Water (1,000 Gallons)				Actual Credit Bal YTD	Dollars		Dollars	
	Actual Sales	Actual Sales YTD	Actual Billed	Actual Billed 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	\$135,853.95
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	0	\$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	342,499	1,295,737	342,499	1,295,737	0	\$110,000.00	\$82,199.72	\$192,199.72	\$1,080,976.83
Aug	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Sep	0	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
<b>Total</b>	<b>1,295,737</b>		<b>1,295,737</b>			<b>\$770,000.00</b>	<b>\$310,976.83</b>	<b>\$1,080,976.83</b>	

Central Weld County Water District									
Month	Water (1,000 Gallons)				Actual Credit Bal YTD	Dollars		Dollars	
	Actual Sales	Actual Sales YTD	Actual Billed	Actual Billed 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	1,613,484	0	\$110,000.00	\$128,903.01	\$238,903.01	\$1,047,236.06
Jul	540,230	2,153,714	540,230	2,153,714	0	\$110,000.00	\$129,655.22	\$239,655.22	\$1,286,891.28
Aug	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Sep	0	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
<b>Total</b>	<b>2,153,714</b>		<b>2,153,714</b>			<b>\$770,000.00</b>	<b>\$516,891.28</b>	<b>\$1,286,891.28</b>	

**2024 Capital Improvement Summary**  
as of 7/31/2024

Project Name	2024 Budget	2024 Actual	Project Status	
1. Filter Rehabilitation	\$ 110,000.00	\$ 10,000.00	Completed	
2. Plant Expansion Design	\$ 1,000,000.00	\$ 415,652.00	In-progress	
3. Plant Expansion Construction	\$ 5,000,000.00	\$ 2,922,427.00	In-progress	
3. West 5 MG Tank Painting	\$ 775,000.00	\$ 16,830.00	Moved to 2025	
4. Membrane Rehabilitation	\$ 600,000.00	\$ 481,000.00	Completed	
5. Vehicles & Equipment	\$ 150,000.00			Install
<i>5a. N. Plant Valve Replacements</i>	\$ 211,596.00	\$ 125,268.00	In-progress	\$ 164,065.71
<i>**Budgeted \$300,000 for 2023</i>				
<i>5b. SCADA Upgrades</i>	\$ 96,300.00	\$ 78,230.00	In-progress	
<i>5c. Vehicle Purchase</i>	\$ 50,000.00	\$ 35,762.00	Completed	
6. Low Flow Pump -Dry Creek	\$ 500,000.00	\$ 325,256.00	In-progress	
7. 7 MG Tank Expenses		\$ 17,896.00	In-progress	
<b>Total</b>	<b>\$ 8,492,896.00</b>	<b>\$ 4,428,321.00</b>		



# Memorandum

To: Carter Lake Filter Plant  
From: Josh Cook, P.E.  
Subject: Engineer's Report

Attn: Board of Directors  
Date: August 8, 2024

## Projects:

### Dry Creek Pump Station

- We had a fitting that leaked downstream of the pump. WESCO replaced the fitting with a new fitting and the pump is back in operation within a week.

### Pretreatment

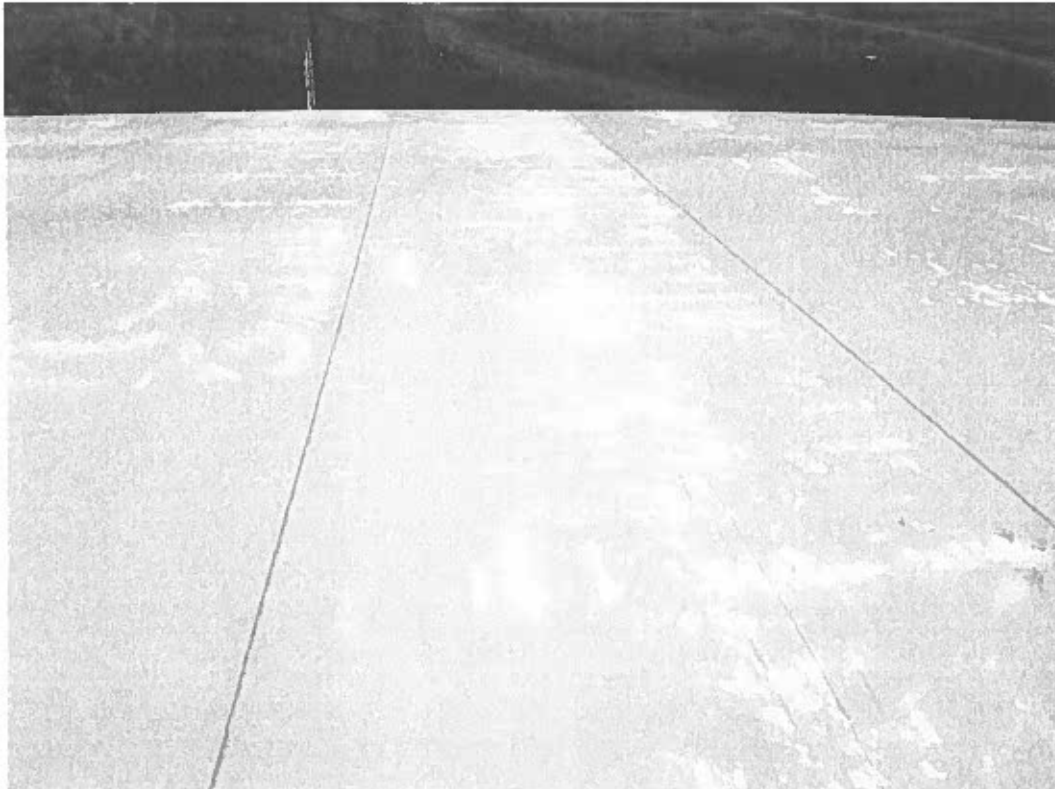
- Please see schedule below.
- We were assigned Marty Quinn for performing the review for the BDR. We have worked with Marty in the past and he is good to work with. We are expecting the finished review in two months.
- We will be sending out the rough draft documents for contractor selection to Rick in the next week for review and comment.

### 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.
- We are receiving submittals for the piping modifications at the North Plant. They plan on starting work in December of 2024.

### Seven Million Gallon Tank

- The contractor started work on the tank. Once they pressure washed the top of the tank the top coat of paint has peeled off more. The sidewalls of the tank are still in great shape. We talked with Rick and with the painting inspector and we are sending out a field order to paint the whole top of the tank. The cost will be on the contractor for this as more than 25% of the tank has coating failure.





# Carter Lake Filter Plant

## AGENDA ITEM SUMMARY

**ITEM NUMBER:** 7.1

**SUBJECT:** Project Update

**STAFF:** Darrell Larson, Plant Superintendent

**ACTION REQUEST:** None, information item

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**Pre-Treatment/Plant Expansion Project-** I traveled to the AWC facility in British Columbia, Canada on August 6<sup>th</sup> and returned to Colorado on August 8<sup>th</sup>. I inspected our equipment components at the facility. I will give a full report and share pictures of my visit at the board meeting next week. I recommend payment of the AWC Invoice #321.



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

**Plant House Septic/Plumbing Replacement** - I'm in the process of obtaining more quotes.

**South Plant Gutters** – The gutters on the west side of the building are in need of replacement. Quote from Front Range Seamless Gutters under review.

End of Report



# Carter Lake Filter Plant

## AGENDA ITEM SUMMARY

**ITEM NUMBER:** 8

**SUBJECT:** July Operations and Maintenance Report

**STAFF:** Bryan Beberniss, Chief Operator

**ACTION REQUEST:** None, informational item

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### **Carter Lake Reservoir**

- The Lake level as of 7/31/2024 was ~102,000 acre-ft. (information provided by northernwater.org)

### **Flows**

- The average daily demand for July was 29.3 MGD, up from 24.1 MGD in 2023.

### **North Plant**

- We received a new reel for irrigation around the property
- The Chlorine Dioxide generator flow meter stopped working. Mike and Brett from Xylem were able to acquire parts and get the system back online.
- The JCB was taken to Ron's Equipment for maintenance.
- We found a pinhole in the header pipe of Cell 6, rack 3 during a PDT test. Jason from Wesco was able to come up and repair it promptly.
- We have been seeing a steady climb in the PDT value of Cell 6. Some pinning was conducted and found the new membranes are more susceptible to fiber breakage especially if the membranes are more fouled. We are evaluating our frequency and cleaning procedure for the new membranes. The Avista Clean may need to be used more frequently with them to ensure a more thorough clean.

### **South Plant**

- Mr. Rooter Plumbing came with a jetted snake to unclog the South Recycle drain valve.
- With the possible threat of Fire and Smoke, we did a fair amount of fire mitigation and preparation during the week of the fires, including:
  - Creating a dirt berm around the perimeter of the propane tanks
  - Hired NCC to spray water all around the plants and property via large water tankers.
  - Changed out all filters for the ventilation and heating and air systems to a Merv 11 or higher rated filter.
  - Provided air purifier filter fans in both control rooms to reduce smoke inhalation
  - Provided half mask respirators for the operators if the smoke was too much outdoors.
  - Provided a small amount of emergency food just in case an operator had to shelter in place.



## Dry Creek

- On July 23<sup>rd</sup> we started up the new smaller Dry Creek pump at a flowrate of 1.0 MGD, around 3am on the 24<sup>th</sup> the expansion joint just after the pump failed and due to the failure, lost pressure and turned the pump off. Wesco came up and inspected and found that filler rings needed to be installed between the steel pipe flange and the expansion joint.
- Since the expansion joint failed. We isolated that pump and ran the larger pump at a rate of 2.1 MGD until we turned off the pump on August 2<sup>nd</sup> due to water quality concerns.

End of Report



# Carter Lake Filter Plant

## AGENDA ITEM SUMMARY

**ITEM NUMBER:** 9

**SUBJECT:** July 2024 Water Quality Report

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

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

### CLFP Finished Water Quality Summary

All parameters were within acceptable limits

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	0.9	0.2 - 4.0
Free Chlorine – 7 MG Tank	mg/L	1.1	1.1	1.0	0.2 - 4.0
pH – Mariana Pumphouse	su	7.4		7.4	TT
pH – 7 MG Tank	su	7.4		7.4	TT
Fluoride – North Plant Clearwell	mg/L	0.8		0.7	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		2.0	n/a
TOC – South Plant Clearwell	mg/L	< 2.0		1.8	n/a
Chlorite – North Plant Clearwell	mg/L	< 0.5		0.2	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	< 0.5		0.0	0.8 mg/L
Chlorine Dioxide – 7 MG Tank	mg/L	< 0.5		0.0	0.8 mg/L
Combined Temperature	°F	n/a		54	n/a

End of Report



# Carter Lake Filter Plant

## AGENDA ITEM SUMMARY

**ITEM NUMBER:** 10

**SUBJECT:** Preliminary Budget Discussion

**STAFF:** Rick Whittet, Plant Manager

**ACTION REQUEST:** Discussion item

With the budget season around the corner, I have outlined an anticipated Budget Schedule, shown in the table below. This schedule is intended to allow time for the Board to consider the components of the budget, to allow staff time to work on the budget, and to allow the districts time to incorporate the water rates and Capital expenditures into their respective budgets.

<b>August 14</b>	Budget objectives, general directions from the Board
<b>September 18</b>	Proposed Capital expenditures and projects
<b>October 9</b>	Proposed budget presentation/review, discuss water rates
<b>November 13</b>	Scheduled public hearing on the budget, Set Water Rates, Adoption of 2024 Budget
<b>December 11</b>	Adoption of 2024 Budget (if necessary)

**Discussion Topics** – The following topics are presented to encourage discussion and suggestions from the Board which will help to ensure Board directives are met and that staff’s time is used efficiently during preparation of the budget proposal.

- Cash Flow/Account Balances: The system in place is working well and we propose no changes.
- Employee Salaries – in recent years we have evaluated salaries and benefits from other treatment plants in the region as well as the national consumer price index. For 2024, the Board approved a cost-of-living increase for all employees and a merit increase to be based upon performance. I think the method used last year is a fair assessment and is relatively easy to complete if updated postings from other utilities are able to be located. If they are not available we can request information directly which will consume more time but should be doable.
- Staffing level: Addition of a part-time Project Manager as previously discussed.

### **Capital Improvement Plan**

- West 5 Million Gallon Storage Tank Coating – this item is scheduled for Fall 2025 – Spring 2026.
- Vehicles/Equipment – The tractors are in excellent shape. One vehicle was replaced in 2024. No replacements requested at this time.

## Carter Lake Filter Plant

- Membrane Replacement: Full replacement of the S10N modules and the isolation valves and covers was approved by the Board in July 2024. Membranes are anticipated to arrive later this year or early next year.

End of report



# Carter Lake Filter Plant

## AGENDA ITEM SUMMARY

**ITEM NUMBER:** 11

**SUBJECT:** Manager's Notes

**STAFF:** Rick Whittet, Plant Manager

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

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**Safety Training** – Equipment Safety and Hearing Conservation Training was provided by Joe Haralson of Safety Services on July 8<sup>th</sup>.

**Employee Update** - I am working on two annual performance reviews for August. This year we have provided the staff with quarterly appreciation treats. We enjoyed an ice cream sundae bar in July. We will also be re-introducing employee ID badges; I think this will be helpful in the event of an emergency if employees need access through a road closure or if they need to identify themselves to authorities in other cases.



*1 Lucas and Brandon*

**Job Openings** – Both Water Treatment Plant Operator Assistant positions have been filled. I hired Lucas Kerr of Loveland and his first day of work was July 15<sup>th</sup>. I also hired Brandon Stehr of Berthoud and his first day of work was July 22<sup>nd</sup>. Both Lucas and Brandon are training on the day shift and are preparing to take the Class D certification test.

**Beneficial Use Permit Follow Up** – I was contacted by a property owner, Barry Gustafson, who has used sludge residuals in the past on his property near Carter Lake. He wants ~ 1,000 yards of material. He requests that the Plant pay to load the material for hauling for 1 day. I agreed to this proposal. This is scheduled to occur on August 20<sup>th</sup>.

**Financial Audit** – An engagement letter to perform the 2024 audit from Adams Group has been requested.

**Vacation** – Courtney and I are taking our kids to Florida the week of August 19<sup>th</sup>.

End of Report

# CARTER LAKE FILTER PLANT PRETREATMENT UPDATES

**ITEM NO. 6D**

**AUGUST 15, 2024**

## **Background Summary:**

### **Pretreatment**

- Please see schedule.
- We were assigned Marty Quinn for performing the review for the BDR. We have worked with Marty in the past and he is good to work with. We are expecting the finished review in two months.
- We will be sending out the rough draft documents for contractor selection to Rick in the next week for review and comment.

**Pre-Treatment/Plant Expansion Project-** Darrell traveled to the AWC facility in British Columbia, Canada on August 6<sup>th</sup> and returned to Colorado on August 8<sup>th</sup>. He inspected the equipment components at the facility.

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



ID	Task	Task Name	Duration	% Complete	Start	Finish
1	Notice to Proceed	1 day	100%	Wed 2/1/23	Wed 2/1/23	
2	Filter Building Design	433 days	88%	Wed 2/1/23	Fri 9/27/24	
3	General Process Design (HGL/PID)	280 days	100%	Wed 2/1/23	Tue 2/27/24	
4	Structural Design & Drawings (Foundation & Clearwell Expansion)	363 days	65%	Wed 4/26/23	Fri 9/13/24	
5	Architectural Design & Drawings	318 days	85%	Wed 6/21/23	Fri 9/6/24	
6	Electrical Design & Drawings	323 days	64%	Wed 6/21/23	Fri 9/13/24	
7	M&P Design	153 days	88%	Fri 12/5/23	Tue 9/3/24	
8	SCADA / I&C Design	303 days	65%	Wed 8/2/23	Fri 9/27/24	
9	Media Filtration Design (Leopold)	82 days	100%	Wed 11/8/23	Thu 2/29/24	
10	Surface Wash System Design	82 days	100%	Wed 11/8/23	Thu 2/29/24	
11	Chlorine Gas Feed Design	120 days	100%	Wed 11/8/23	Tue 4/30/24	
12	Backwash Water PS Design	118 days	100%	Wed 11/8/23	Fri 4/19/24	
13	Interior Process Pipe Design	218 days	100%	Wed 6/21/23	Fri 4/19/24	
14	Combined 60% Drawings for CDPHE	218 days	100%	Wed 6/21/23	Fri 4/19/24	
15	Soda Ash Feed System Design	347 days	95%	Thu 6/1/23	Fri 8/2/24	
16	Structural Design & Drawings	307 days	100%	Thu 6/1/23	Fri 8/2/24	
17	Architectural Design & Drawings	236 days	100%	Fri 9/8/23	Fri 8/2/24	
18	Electrical Design & Drawings	237 days	100%	Thu 8/31/23	Fri 7/26/24	
19	M&P Design & Drawings	149 days	100%	Fri 1/5/24	Wed 7/31/24	
20	SCADA / I&C Design	164 days	100%	Fri 12/5/23	Wed 7/31/24	
21	DAF Pretreatment Design	187.4 days	65%	Fri 9/15/23	Fri 9/27/24	
22	DAF Process Design	306 days	76%	Fri 9/15/23	Fri 11/15/24	
23	DAF Pre-Procurement Approval	101 days	100%	Thu 10/12/23	Thu 2/29/24	
24	Structural Design & Drawings	91 days	100%	Fri 10/20/23	Thu 10/31/24	
25	Architectural Design & Drawings	215 days	50%	Fri 1/5/24	Thu 10/31/24	
26	Electrical Design & Drawings	215 days	50%	Fri 1/5/24	Thu 10/31/24	
27	M&P Design & Drawings	44 days	20%	Wed 7/31/24	Mon 9/30/24	
28	SCADA / I&C Design	222.5 days	30%	Fri 9/15/23	Fri 11/15/24	
29	Sodium Chloride Feed Design	188 days	100%	Wed 11/15/23	Fri 8/2/24	
30	Alum Feed System Design	183 days	100%	Wed 11/22/23	Fri 8/2/24	
31	ACH Feed System Design	183 days	100%	Wed 11/22/23	Fri 8/2/24	
32	Filter Aid Feed Design	183 days	100%	Wed 11/22/23	Fri 8/2/24	
33	Combined 60% Drawings	152 days	100%	Thu 10/12/23	Fri 5/10/24	
34	General Process Design	253 days	96%	Thu 10/12/23	Mon 9/30/24	
35	36" Raw Water Canal Connect to DAF	130 days	100%	Thu 10/12/23	Wed 3/27/24	
36	New 48" DAF Effluent to South Plant	182 days	79%	Fri 1/19/24	Mon 9/30/24	
37	New 48" DAF Effluent to North Plant	157 days	100%	Thu 12/7/23	Fri 7/12/24	
38	New 24" DAF Effluent to North Plant	152 days	100%	Thu 12/14/23	Fri 7/12/24	
39						
40						

Project: CLPP DAF Improvements  
Date: Thu 8/8/24

Task Summary  
Project Summary  
Inactive Task  
Inactive Milestone  
Inactive Summary

Manual Task  
Duration-only  
Manual Summary  
Manual Summary  
Manual Summary

Start-only  
Finish-only  
External Task  
External Milestone

Progress  
Manual Progress  
Manual Progress

Deadline  
Manual Progress  
Manual Progress

Manual Progress  
Manual Progress  
Manual Progress

ID	Task Mode	Task Name	Duration	% Complete	Start	Finish
41	▶	New Backwash Pipeline to Storage	147 days	100%	Thu 12/21/23	Fri 7/12/24
42	▶	Clearwell Overflow Design	102 days	100%	Thu 11/2/23	Fri 3/22/24
43	▶	Filter-to-Waste Pipe Design	30 days	100%	Thu 11/9/23	Wed 12/20/23
44	▶	Combined 60% Drawings	100 days	100%	Thu 11/9/23	Wed 3/27/24
45	▶	New Backwash Storage Tank Design	228 days	94%	Wed 11/29/23	Fri 10/11/24
46	▶	General Process Design (HGL/PIID)	60 days	100%	Wed 11/29/23	Tue 3/5/24
47	▶	150K Gal Tank Design	148 days	100%	Wed 12/20/23	Fri 10/11/24
48	▶	Structural Design & Drawings	94 days	50%	Mon 3/18/24	Fri 10/11/24
49	▶	Reports & Specifications	435 days	79%	Thu 5/25/23	Wed 1/22/25
50	▶	60% Specification Manual	232 days	100%	Thu 5/25/23	Fri 4/12/24
51	▶	BDR Development	196 days	100%	Thu 8/17/23	Tue 6/4/24
52	▶	CLFP Design Team 60% Review	7 days	100%	Thu 3/28/24	Fri 4/19/24
53	▶	Submit to CDPHE w/Informal Meeting	33 days	100%	Mon 4/22/24	Wed 6/5/24
54	▶	CDPHE Review/Comment Period	75 days	60%	Thu 6/6/24	Wed 9/18/24
55	▶	Respond to CDPHE Review	15 days	0%	Thu 9/19/24	Wed 10/9/24
56	▶	Develop 90% Design Documents	50 days	0%	Thu 9/19/24	Wed 11/27/24
57	▶	CLFP Team Review 90% Design	10 days	0%	Thu 11/28/24	Wed 12/11/24
58	▶	Develop 100%, IFC Documents	30 days	0%	Thu 12/12/24	Wed 1/22/25
59	▶	Preconstruction & Preliminary Sitework	276 days	13%	Mon 4/29/24	Mon 5/19/25
60	▶	RFQ Development for Prime Contractors	60 days	78%	Mon 4/29/24	Mon 8/26/24
61	▶	Advertise for RFQ	20 days	0%	Tue 8/27/24	Mon 9/23/24
62	▶	Pre-proposal Meeting for Contractors	1 day	0%	Tue 9/24/24	Tue 9/24/24
63	▶	Receive Qualification Proposals	1 day	0%	Wed 9/25/24	Wed 9/25/24
64	▶	Recommendation to Board	5 days	0%	Thu 9/26/24	Wed 10/2/24
65	▶	Notice to Pre-Qualified Contractors	20 days	0%	Thu 10/10/24	Wed 11/6/24
66	▶	Develop Construction Permit Package	20 days	0%	Thu 11/7/24	Wed 12/4/24
67	▶	Coordinate Preliminary Permitting	80 days	0%	Thu 12/5/24	Wed 3/26/25
68	▶	Preliminary Site Excavation Work	120 days	0%	Tue 12/3/24	Mon 5/19/25
69	▶	New SWSP/Canal Connection Work	44 days	0%	Thu 1/23/25	Tue 3/12/25
70	▶	Project Bid Phase	20 days	0%	Thu 1/23/25	Wed 2/19/25
71	▶	Advertise for Bid	1 day	0%	Thu 2/20/25	Thu 2/20/25
72	▶	Pre-Bid Meeting	1 day	0%	Tue 3/4/25	Tue 3/4/25
73	▶	Receive Bids	5 days	0%	Wed 3/5/25	Tue 3/11/25
74	▶	Recommendation to Board	10 days	0%	Wed 3/12/25	Tue 3/25/25
75	▶	Notice of Award	765 days	0%	Wed 3/26/25	Tue 4/1/26
76	▶	Project Construction Phase	5 days	0%	Wed 3/26/25	Tue 4/1/25
77	▶	Notice to Proceed, 3/1/25	760 days	0%	Wed 4/2/25	Tue 2/29/28
78	▶	Overall Construction Phase				

Project: CLFP DAF Improvement  
Date: Thu 8/8/24

Task Summary: █ Inactive Task █ Inactive Milestone

Manual Task: █ Duration-only █ Manual Summary Rollup █ External Milestone

Start-only: █ Frisk-only █ External Tasks

Deadline: █ Progress █ Manual Progress

ID	Task Mode	Task Name	Duration	% Complete	Start	Finish	Gantt Chart (2023-2028)											
1	Task	Notice to Proceed	1 day	100%	Wed 2/1/23	Wed 2/1/23	[Gantt bar from 2/1/23 to 2/1/23]											
2	Task	Filter Building Design	433 days	88%	Wed 2/1/23	Fri 9/27/24	[Gantt bar from 2/1/23 to 9/27/24]											
22	Task	DAF Pre-treatment Design	306 days	76%	Fri 9/15/23	Fri 11/15/24	[Gantt bar from 9/15/23 to 11/15/24]											
36	Task	Yard Pipe & Site Design	253 days	96%	Thu 10/12/23	Mon 9/30/24	[Gantt bar from 10/12/23 to 9/30/24]											
45	Task	New Backwash Storage Tank Design	228 days	84%	Wed 11/29/23	Fri 10/11/24	[Gantt bar from 11/29/23 to 10/11/24]											
49	Task	Reports & Specifications	435 days	79%	Thu 5/25/23	Wed 1/22/25	[Gantt bar from 5/25/23 to 1/22/25]											
59	Task	Preconstruction & Preliminary Stewwork	276 days	13%	Mon 4/29/24	Mon 5/19/25	[Gantt bar from 4/29/24 to 5/19/25]											
76	Task	Project Construction Phase	765 days	0%	Wed 3/26/25	Tue 2/29/28	[Gantt bar from 3/26/25 to 2/29/28]											

Project: CLP DAF Improvemen  
Date: Thu 8/8/24

Task: Project Summary

Split Milestone Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

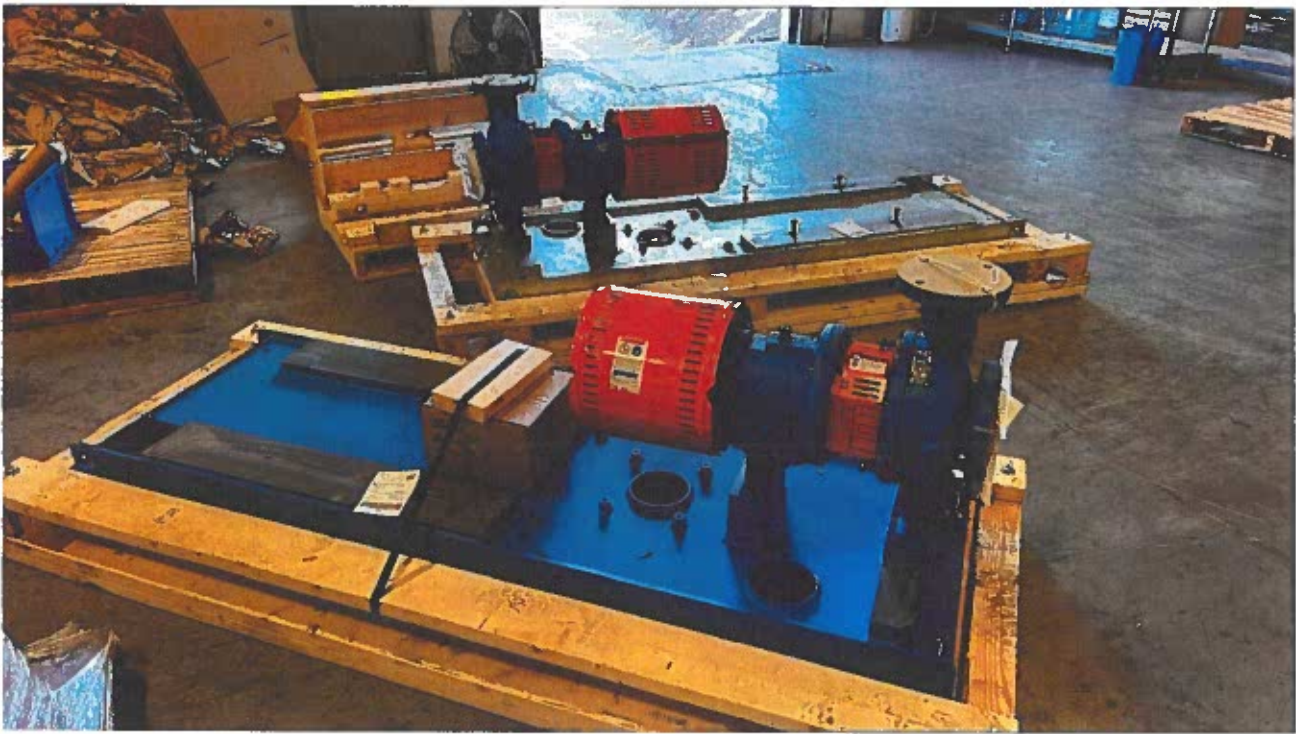
External Milestone

Deadline

Progress

Manual Progress





Pump Motors





Pump Motors



## Skimmer Fabricated Parts



## Skimmer Fabricated Parts





Skimmer Fabricated Parts



Skimmer Fabricated Parts





# TAP FEE AGREEMENTS

## ITEM NO. 7A

**AUGUST 15, 2024**

### Summary:

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

	OWNER	TAP SIZE	LOCATION
1	Jason & Brittany Meyers	5/8"	CR 20-13-15
2	Dale & Julie Romero	Budget 5/8"	Lot 4 Thunder Valley
3			
4			

### District taps sold in 2024:

	Qtr	Budget	5/8"	3/4"	1"	1.5"	2"		Qtr	Budget	5/8"	3/4"	1"	1.5"	2"
January	0	0	2	1	0	0	0	July	0	0	0	0	0	0	0
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	3	0	0	0	0	December							
<b>TOTAL</b>	0	2	5	1	0	0	0	<b>TOTAL</b>	0	2	5	1	0	0	0

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

TOWN TAPS	5/8"	3/4"	1"	1.5"	2"	3"	4"
Dacono	25						
Firestone	4				1		
Frederick	34	1					
Kersey							
<b>TOTAL</b>	63	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"	5	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
<b>SOLD HISTORY</b>	<b>2024</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>
TOWN 5/8"	63	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.

# **ALLY UTILITY CONSULTING**

## **ITEM NO. 7B**

**AUGUST 15, 2024**

Ally Utility Consulting's summary of the meetings will be given for the 36" east line extension and the new treatment plant.

### **BOARD ACTION SUGGESTED:**

As appropriate by Board.

# **CBT HISTORY**

## **ITEM NO. 7C**

**AUGUST 15, 2024**

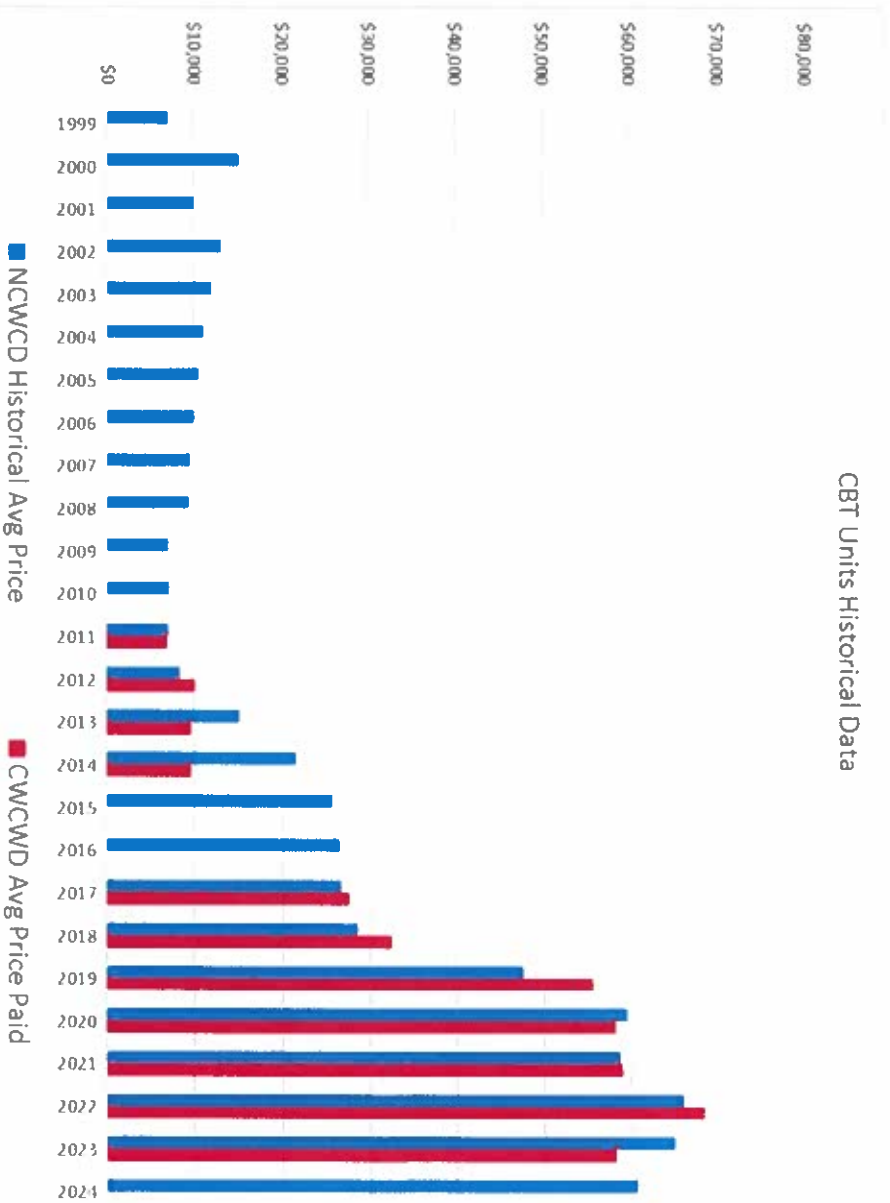
Provided for your review is a brief CBT purchase history report for the District.

### **BOARD ACTION SUGGESTED:**

As appropriate by Board.

The District has purchased over one thousand shares of CBT over the past 13 years to help secure it's CBT portfolio.

CBT Units Historical Data

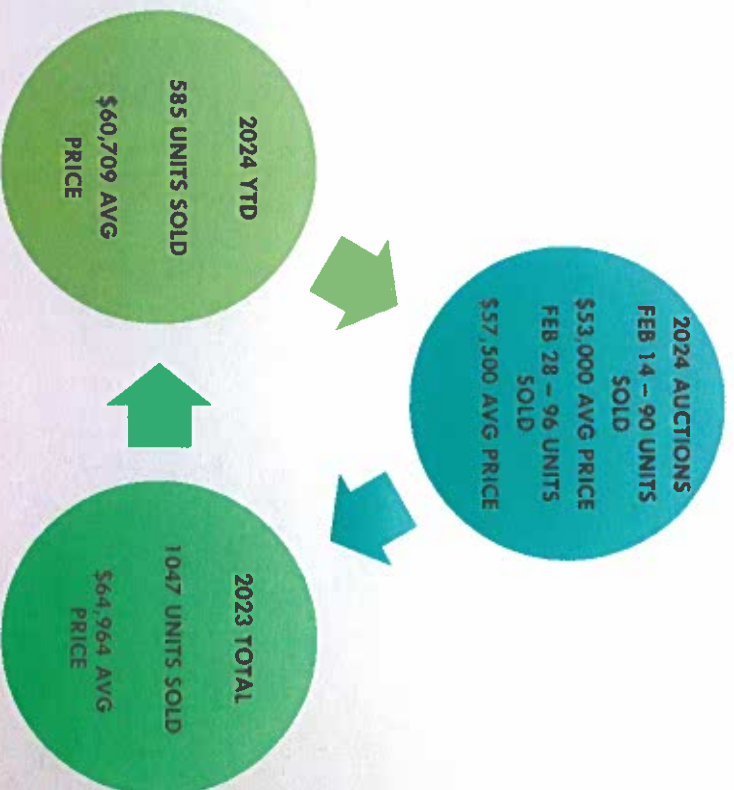


# CWCWWD

## CBT REPORT

WATER YEAR	NO. UNITS	CBT PURCHASES		CW PAID AVERAGE
		TOTAL COST		
2024	0	\$ -		\$ -
2023	130	\$ 6,415,000.00		\$ 49,346
2022	453	\$ 30,921,300.00		\$ 68,259
2021	360	\$ 21,229,250.00		\$ 58,970
2020	67	\$ 3,899,400.00		\$ 58,200
2019	70	\$ 3,900,000.00		\$ 55,714
2018	16	\$ 520,000.00		\$ 32,500
2017	113	\$ 3,113,500.00		\$ 27,553
2016	0	\$ -		
2015	0	\$ -		
2014	1	\$ 9,600.00		\$ 9,600
2013	1	\$ 9,600.00		\$ 9,600
2012	98	\$ 984,500.00		\$ 10,046
2011	22	\$ 151,800.00		\$ 6,900
	1331	\$ 71,153,950.00		

# NCWCDD CBT DATA



Info provided by McCarty Land & Water

