

SOLDIER CANYON WATER TREATMENT AUTHORITY
Monthly Meeting Agenda
4424 Laporte Avenue
Fort Collins, CO 80521

Thursday October 5, 2023

Mission – The Authority delivers the highest quality treated water to its customers with financial responsibility, and following policies established by the Board in a professional, efficient, and ethical manner.

1. Call to Order 10:00 AM
2. Meeting Minutes for September 7, 2023 - **Action Item – Approve Minutes** - “Motion to approve the minutes from the meeting on September 7th, 2023”.
3. Financial Update – Brenda Griffith, **Action Item - Approve Financial Report** - “Motion to approve the SCWTA August 2023 Financial Report”.
4. Manager’s Update – Mark Kempton.
5. Resolution 2023-10-01 to adopt the 2024 Budget for the Soldier Canyon Water Treatment Authority – Mark Kempton, **Action Item – Approve Resolution**. “Motion to approve the 2024 Budget Resolution”.
6. Resolution 2023-10-02 to adopt the 2024 Fees, Rates, and Charges Schedule for the Soldier Canyon Water Treatment Authority – Mark Kempton, **Action Item – Approve Resolution**. “Motion to approve the Resolution for the 2024 Fees, Rates, and Charges Schedule”.
7. Approval of Work Order #3 under the existing Professional Services Agreement (PSA) with HDR for “Soldier Canyon Water Treatment Authority 20-year Master Plan” project. – Mark Kempton. **Action Item - Approve Work Order** - “Motion to approve Work Order #3 with HDR for the Soldier Canyon 20-year Master Plan project”.
8. Other Business:
 - a. Tri Districts Dinner tonight at 5:30 pm at Windsor Mill Tavern.

The next scheduled Authority Board Meeting is November 9, 2023, at 10:00 a.m.

Soldier Canyon Water Treatment Authority
Board Meeting
September 7, 2023

Present at the meeting:

Board Chairman, Eric Reckentine, NWCWD Manager
Board Vice Chairman, Chris Pletcher, FCLWD Manager
Board Treasurer, Mike Scheid, ELCO Manager
Board Director, Jim Borland, FCLWD Director
Board Director, Scott Cockroft, NWCWD Director
Mark Kempton, SCWTA Manager
Jacob Stephani, SCWTA O & M Superintendent
Brenda Griffith, SCWTA Office Administrator

The meeting was called to order at 10:00 a.m. by Board Chairman Eric Reckentine.

Business Conducted

1. Minutes from August 10, 2023, Soldier Canyon Water Authority Board Meetings

Minutes from the August 10, 2023, meeting were presented. Mike Scheid made a motion to approve the minutes. Chris Pletcher seconded the motion. The motion was unanimously approved.

2. Financial Update

Brenda Griffith presented and reviewed with the Authority Board monthly billing records, a review of the July 2023 O&M expenses and the financial dashboard. Chris Pletcher made a motion to approve the financial reports. Scott Cockroft seconded the motion. The motion was unanimously approved.

3. Managers Update

Mark Kempton updated the Board on plant flows and water quality, operations, and maintenance, PVP and River flows, and projects going on in the plant and at the PVP.

4. Approval of Master Services Agreement (MSA) with Hensel Phelps for miscellaneous Renewal and Replacement Projects

Chris Pletcher made a motion to approve the MSA with Hensel Phelps for miscellaneous Renewal and Replacement Projects. Scott Cockroft seconded the motion. The motion was unanimously approved.

5. Approval of Work Order #1 under the MSA with Hensel Phelps for “Decant Pond 2 Joint Sealant”

Mike Scheid made a motion to approve the Work Order with Hensel Phelps for the sealing of Decant Pond 2 for \$71,350. Chris Pletcher seconded the motion. The motion was unanimously approved.

6. Approval of Long-Term Disability Insurance as an employee benefit

Scott Cockroft made a motion to provide Long-Term Disability Insurance as an employee benefit, starting January 1, 2024. Jim Borland seconded the motion. The motion was unanimously approved.

7. Discussion Item – Review of the 2024 Draft Proposed Budget

The 2024 Draft Proposed Budget was reviewed. Plan to be adopted at the October meeting.

8. Other Business

- a. Reminder about the rescheduled October 5th board meeting.
- b. The Tri-Districts annual dinner has been scheduled for October 5th at Windsor Mill Tavern at 5:30 p.m.
- c. Question re: PVP Enterprise Agreement – Working on a minor amendment to allow Soldier Canyon/Ft. Collins operation of the PVP Guard Gate. Check with Authority Attorney on the proposed change to the PVP allotment contract to Soldier Canyon Water Treatment Authority from Soldier Canyon Filter Plant?
- d. Master Plan – future water demand information – End of September deadline.

9. Adjournment

Mike Scheid made a motion to adjourn the meeting. Chris Pletcher seconded the motion. The motion was unanimously approved, and the meeting was adjourned at 10:40 a.m.

Respectfully submitted,

Mark Kempton – Board Secretary, Soldier Canyon Water Treatment Authority

Approved by Authority Board

Eric Reckentine - Board Chairman, Soldier Canyon Water Treatment Authority

Soldier Canyon Water Treatment Authority
Custom Transaction Detail Report

September 2023

Date	Num	Name	Memo	Amount
Sep 23				
09/01/2023	Auto pay	Silver Peaks Accounting	Sept. A/P - Monthly Fee	-1,000.00
09/06/2023	6235	Petty Cash	Aug. A/P - Board Mtgs., Shop Sup., Auto	-229.13
09/07/2023	6236	Ayres Associates Inc	Aug. A/P - Munroe System Water Loss Study	-2,272.76
09/07/2023	6237	Ditesco	Overland Ponds	-13,124.57
09/07/2023	6238	Burkert Fluid Control Systems	June A/P - Valve	-1,116.86
09/11/2023	6239	A.R.C. Incorporated	Cleaning Services	-900.00
09/11/2023	6240	Airgas	Aug. A/P - Breathing air	-191.59
09/11/2023	Auto pay	American Heritage Life Ins. Co.	Aug. A/P - Voluntary Ins.	-195.04
09/11/2023	6241	Best Rental	Aug. A/P - Compressor	-348.15
09/11/2023	6242	Brown Bear Corp.	Brown Bear Parts	-2,021.76
09/11/2023	6243	Capital Business Systems	Aug. A/P - Lab & Shop Copier	-26.78
09/11/2023	6244	CEBT	Aug. A/P - Sept. Ins.	-24,680.19
09/11/2023	6245	CenturyLink2	Aug. A/P - Phones	-66.12
09/11/2023	6246	Chemtrade Chemicals US LLC	Aug. A/P - Alum	-13,629.46
09/11/2023	6247	Colorado Analytical	Samples	-539.00
09/11/2023	6248	Continental Supply	Aug. A/P - auto parts	-19.96
09/11/2023	6249	Crescent Electric	Aug. A/P - Measuring pull tape	-343.97
09/11/2023	6250	Ditesco	R & R - Backup generator, Filters 5-8, Filters 1-4	-6,071.00
09/11/2023	6251	DPC Industries, Inc.	Chlorine	-25,720.80
09/11/2023	6252	Employers Council Services, Inc.	Aug. A/P - new employee check	-172.75
09/11/2023	6253	Evoqua Water Technologies	Aug. A/P - Maint. Sup.	-1,520.00
09/11/2023	6254	Fastenal Company	Maint. Sup.	-87.82
09/11/2023	6255	Frank Parts Company	Aug. A/P - Maint. Sup.	-60.85
09/11/2023	6256	Goltz Asphalt Company	Aug. A/P - Crack seal driveway	-14,719.14
09/11/2023	6257	Grainger	Maint. Sup.	-1,136.22
09/11/2023	6258	Graybar Electric Company Inc	Aug. A/P - Mini Lamp	-89.75
09/11/2023	6259	Greystone Technology	IT Mgmt, email, backups	-3,066.20
09/11/2023	6260	HACH Company	Lab Equip/Supplies	-9,931.14
09/11/2023	6261	Harcros Chemicals Inc	Soda Ash	-30,520.70
09/11/2023	6262	HDR Engineering, Inc.	Aug. A/P - 20 Year Master Plan	-17,354.31

**Soldier Canyon Water Treatment Authority
Custom Transaction Detail Report**

September 2023

Date	Num	Name	Memo	Amount
09/11/2023	6263	HillsideFrp LLC	Aug. A/P - repair Chlorine Dioxide tank	-3,229.90
09/11/2023	6264	Houska Automotive	Aug. A/P - Diesel emissions test	-90.00
09/11/2023	6265	Jax Inc. Mercantile Company	Aug. A/P - Maint. Sup., Uniforms	-478.97
09/11/2023	6266	Kelly Supply Company	Maint. Sup.	-1,585.86
09/11/2023	6267	Laporte Hardware	Aug. A/P - Maint. Sup.	-303.52
09/11/2023	6268	Larimer Clerk/Recorder	License Plate renewals for Boom truck	-0.22
09/11/2023	6269	Larimer County Solid Waste Mgmt	Aug A/P - Plant clean up	-90.65
09/11/2023	6270	Logical Systems, LLC	R & R - PVP Control Imp, PLC Upgrades	-4,843.50
09/11/2023	6271	Mallory Safety & Supply LLC	Aug. A/P - Safety	-196.66
09/11/2023	6272	Mathias - F & C	Aug. A/P - Hinges	-168.00
09/11/2023	6273	McMaster-Carr	Maint. Sup.	-616.78
09/11/2023	6274	Municipal Treatment Equipment, Inc.	Maint. Sup.	-5,721.50
09/11/2023	6275	ODP Business Solutions	Office Sup.	-183.97
09/11/2023	6276	ONEPOINTSYNC	Aug. A/P - Phones	-220.55
09/11/2023	Pd online	Phillips 66 CO/SYNCB	Aug. - Fuel	-343.68
09/11/2023	6277	Poudre Valley COOP	Fuel, Shop Sup.	-302.62
09/11/2023	6278	REXEL	Maint. Sup.	-312.02
09/11/2023	6279	Ryan Herco	Maint. Sup.	-324.37
09/11/2023	6280	Schrader Propane	Oct. A/P - Propane	-177.74
09/11/2023	6281	Seter & Vander Wall, P.C.	Aug. A/P - Legal Fees	-474.50
09/11/2023	Pd online	Shell	Aug. A/P - Fuel	-469.01
09/11/2023	6282	ULINE	Aug. A/P - Maint. Sup	-970.00
09/11/2023	6283	US Bank	Aug. A/P - Copier Lease	-538.25
09/11/2023	6284	Verizon Wireless	Aug. A/P - Cell phones	-456.58
09/11/2023	Auto pay	Waste Management of No. Colo	Aug. A/P - Trash/Recycling	-662.05
09/11/2023	6285	Winlectric	Aug. A/P - Electrical Sup.	-1,556.11
09/11/2023	Pd online	Xcel Energy	Aug. A/P - Electric	-4,237.30
09/18/2023	Auto pay	BASIC Benefits	HRA Accts. Monthly fee	-50.00
09/19/2023	6286	Airgas	Aug. A/P - Cylinder rent	-65.84
09/19/2023	6287	First National Bank	Aug. A/P - Training, Fraud refund, Maint. Sup.	-198.67
09/19/2023	6288	First National Bank Omaha	Aug. A/P - Misc.,. Auto, Office Sup.	-2,470.65

Soldier Canyon Water Treatment Authority Custom Transaction Detail Report

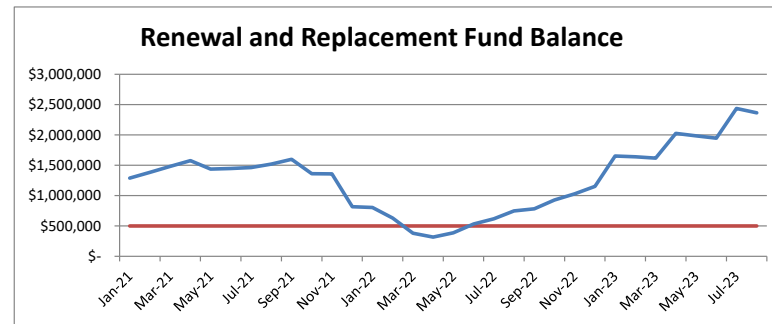
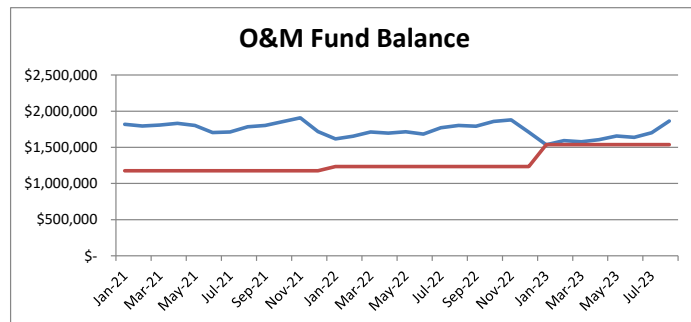
September 2023

Date	Num	Name	Memo	Amount
09/19/2023	6289	Logical Systems, LLC	Aug A/P - R & R PVP Control Improvements	-6,019.30
09/19/2023	6290	Xcel Energy	Aug. A/P - Electric	-637.82
09/19/2023	6291	First National Bank	Aug. A/P - Training, Office Sup, Maint. Sup., Shop	-1,978.37
09/25/2023	Pd online	Home Depot	Sept. A/P - maint. supplies	-1,021.16
09/25/2023	Pd online	Xcel Energy	Aug. A/P - Electric	-4,495.81
Sep 23				<u><u>-216,647.95</u></u>

- Plant expenses that aren't normal monthly expenses
- Chemicals
- Renewal & Replacement
- Water Resources

	Months												YTD Total	Budget	% To Budget
	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23			
Revenue Total	968,282	463,025	464,463	971,141	503,442	501,943	1,058,163	543,607	-	-	-	-	5,474,066	8,154,204	67.13%
<i>Fixed O&M Revenue Total</i>	400,936	400,936	400,936	400,936	400,936	400,936	400,936	400,936	-	-	-	-	3,207,488	4,811,235	66.67%
<i>Variable O&M Revenue Total</i>	61,794	55,287	58,635	64,235	97,279	95,852	144,565	137,064	-	-	-	-	714,711	1,338,719	53.39%
<i>Renewal and Replacement Revenue Total</i>	500,999	-	-	500,999	-	-	500,999	-	-	-	-	-	1,502,997	2,004,000	75.00%
<i>Misc./Interest Income</i>	4,553.00	6,802.00	4,892.27	4,971	5,227	5,155	11,663	5,607	-	-	-	-	48,870	250	195.4811
Expenses Total	676,279	418,830	501,775	533,725	494,157	561,876	503,486	453,357	-	-	-	-	4,143,485	7,850,549	52.78%
<i>Fixed O&M Expenses</i>	556,678	379,324	384,955	366,799	285,290	397,403	307,184	306,365	-	-	-	-	2,983,998	4,811,235	62.02%
<i>Variable O&M Expenses</i>	119,601	25,161	95,753	74,094	167,558	124,860	185,874	74,746	-	-	-	-	867,647	1,035,314	83.81%
<i>Energy Expenses</i>	17,248	17,447	14,084	10,321	9,669	9,767	9,673	4,875	-	-	-	-	93,084	105,969	87.84%
<i>Chemical Expenses</i>	102,353	7,714	81,669	63,773	157,888	114,913	176,201	69,871	-	-	-	-	774,382	1,232,750	62.82%
<i>Renewal and Replacement Expenses</i>	-	14,345	21,067	92,832	41,309	39,613	10,428	72,246	-	-	-	-	291,840	2,004,000	14.56%

Reserves



Emergency Reserve Fund Balance end of Aug.
 Minimum Emergency Reserve Target
 +/- Target

1,863,788
1,537,489
326,299

2,364,604
500,000
1,864,604

Soldier Canyon Water Treatment Authority

Soldier Canyon Water Treatment Authority Board Meeting – Plant Manager’s Update

Thursday, October 5, 2023

- Finalizing the regional Poudre River Watershed Source Water Protection Plan with Northern Water, Fort Collins, Greeley, and Thornton. Plan to apply for State grants and issue a consultant RFP early next year. Agree to an MOU next month. \$5k to \$10k financial commitment from the Authority.
- Working on “Levels of Service” goals for the Plant as part of the Master Plan Project. Will present draft goals to the Board later this year.
- Hensel Phelps on site this week. Started the Backup Generator and Pond 2 sealing projects.
- September water demands in line with last years demands. Will have updated numbers in early October.
- Finished updating Job Descriptions for all Plant staff.
- Joining Employers Council “PayFactors” online program to ensure continued pay equity with other statewide municipalities, companies, and water districts.
- Looking into updating and securing our website.
- Lots of basin/pond cleaning and maintenance this month before we head into the Winter season.
- Performed 5-year CDPHE required inspections for Backwash Tanks 1 and 2. Overall the tanks look good, but BW tank 2 will need new coatings soon. The roof will need to be replaced in 10 years or less due to corrosion.

SOLDIER CANYON WATER TREATMENT AUTHORITY

RESOLUTION NO. 2023-10-01

RESOLUTION TO ADOPT 2024 BUDGET

WHEREAS, the Board of Directors ("Board") of Soldier Canyon Water Treatment Authority ("Authority") has appointed a budget committee to prepare and submit a proposed 2024 budget to the Board at the proper time: and

WHEREAS, such budget committee has submitted the proposed budget to the Board on or before September 7, 2023, for its consideration; and

WHEREAS, upon due and proper notice, published in accordance with law, the budget was open for inspection by the public at a designated place, and a public hearing was held on September 7, 2023, and interested electors were given the opportunity to file or register any objections to the budget; and

WHEREAS, the budget has been prepared to comply with all terms, limitations, and exemptions, including, but not limited to, enterprise, reserve transfer and expenditure exemptions, under Article X, Section 20 of the Colorado Constitution ("TABOR") and other laws or obligations which are applicable to or binding upon the Authority; and

WHEREAS, whatever decreases may have been made in the revenues, like decreases were made to the expenditures so that the budget remains in balance, as required by law; and

WHEREAS, pursuant to Resolution No. 2017-02-08 the Authority Board established the Soldier Canyon Water Treatment Authority Water Activity Enterprise, with all revenue and expenditures to be accounted for through the Water Activity Enterprise Fund.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Soldier Canyon Water Treatment Authority:

1. That estimated expenditures from the Water Activity Enterprise Fund are as follows:

Operations & Maintenance Fund	\$ 6,426,851
Renewal & Replacement Fund	\$ 1,936,738
Capital Plant Expansion Fund	<u> \$ 0</u>
Total	\$ 8,363,589

2. That estimated revenues of the Water Activity Enterprise Fund are as follows:

Operations & Maintenance Fund:

From unappropriated surpluses	\$1,752,202
From sources other than general property tax	<u>\$ 6,431,851</u>
Total	\$ 8,184,053

Renewal & Replacement Fund:

From unappropriated surpluses	\$ 1,219,324
From sources other than general property tax	<u>\$ 1,937,238</u>
Total	\$ 3,156,562

Capital Plant Expansion Fund:

From unappropriated surpluses	\$ 0
From sources other than general property tax	<u>\$ 0</u>
Total	\$ 0

3. That the budget, as submitted, amended, and herein summarized by fund, be, and the same hereby is, approved and adopted as the budget of Soldier Canyon Water Treatment Authority for the 2024 fiscal year.

4. That the budget, as hereby approved and adopted, shall be certified by the Treasurer and/or President of the Authority to all appropriate agencies and is made a part of the public records of the Authority.

TO APPROPRIATE SUMS OF MONEY

WHEREAS, the Board of Directors of the Soldier Canyon Water Treatment Authority has made provision in the budget for revenues in an amount equal to the total proposed expenditures as set forth therein; and

WHEREAS, it is not only required by law, but also necessary to appropriate the revenues provided in the budget to and for the purposes described below, as more fully set forth in the budget, including any inter-fund transfers listed therein, so as not to impair the operations of Authority.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Soldier Canyon Water Treatment Authority that the following sums are hereby appropriated from the Water Activity Enterprise Fund to each fund, for the purposes stated in the budget:

Operations & Maintenance Fund	\$6,426,851
Renewal & Replacement Fund	\$1,936,738
Capital Plant Expansion Fund	<u>\$0</u>
Total	\$8,363,589

Adopted this 5th day of October 2023.

SOLDIER CANYON WATER TREATMENT AUTHORITY

By: _____
Eric Reckentine, Chairman

Attest:

Mark Kempton, Secretary

SOLDIER CANYON WATER TREATMENT AUTHORITY

To: Soldier Canyon Water Treatment Authority Board of Directors

From: Mark Kempton, P.E., CWP - SCWTA Manager

Date: October 5th, 2023

RE: FINAL - 2024 Budget for the Soldier Canyon Water Treatment Authority

The intent of this memo is to present the proposed draft Operational & Maintenance and Renewal & Replacement expenditure budgets for the Soldier Canyon Water Treatment Authority (SCWTA) for the fiscal year 2024. In addition to treatment plant expenses, the SCWTA budget includes funding for the Tri-District’s Water Resources personnel. Due to the unusual summer weather and subsequent lower water demands in 2023, the calculations used for 2024 District per gallon cost contributions are based on the assumed increase over 2022 actual water production, as detailed in Table 1 below. The fiscal year for the SCWTA budget is January 1 through December 31.

Table 1 – Historic and projected water usage (MG)

<u>District</u>	<u>2021 Actual</u>	<u>2022 Actual</u>	<u>2023* Projected Actual</u>	<u>2024 Projected</u>	<u>Assumed 2024 increase/(decrease) over 2022</u>
East Larimer County	1,449	1,540	1,232	1,638	6.3%
Fort Collins Loveland	3,167	3,336	2,668	3,610	8.2%
North Weld County	3,683	3,514	2,811	3,531	0.5%
Tri-Districts Totals	8,299	8,391	6,712	8,779	4.6%

*Assumed 20% decrease in summer demands

The following documents are included to provide details for the 2024 Budget.

- A. **2024 Budget** – The budget summarizes the proposed revenues, expenditures, and reserve account fund projections. It also summarizes the funding responsibility for each District.
- B. **Operations & Maintenance (O&M) Summary** – The attached worksheet lists the major categories in the O&M Budget. The operations and maintenance summary is divided into six major categories.
 - a. Personnel Services
 - b. Professional Services
 - c. Utilities
 - d. Contractual Services
 - e. Commodities

f. Repair and Maintenance

- C. **O&M Expense Detail Worksheet** – The attached worksheet provides additional detail about planned O&M Expenses for 2024.
- D. **Renewal & Replacement Fund Summary** – This worksheet lists the upcoming Renewal and Replacement (R&R) Fund projects planned for 2024.

General Review of 2023**Treated Water Production**

The annual plant production for 2023 is projected to be 6.7 billion gallons. To date, the peak daily plant production in 2023 was 46.55 million gallons, recorded on July 26, 2023. For comparison, the annual plant production and peak daily production for 2022 were 8.39 billion gallons and 49.76 MGD, respectively.

Water Quality

Treated water produced at Soldier Canyon Filter Plant continues to be rated as very high-quality water. All Environmental Protection Agency, (EPA) and Colorado Department of Public Health and Environment, (CDPHE), Safe Drinking Water regulations were met, with the exception of one external lab reporting error. In most cases, water quality far exceeded regulatory requirements.

Water Quality / Regulatory / Watershed

SCWTA continues to support monitoring of the Poudre River watershed in conjunction with regional partners.

2024 Proposed Budget**Operations & Maintenance Budget**

The proposed O&M budget for 2024 is \$6,426,851. This is an increase of 4.5% from the 2023 O&M budget of \$6,151,833.

Details of expense categories, proposed 2024 costs, and 2024 over 2023 budget % changes are listed below.

1. Personnel Services (\$3,347,631) – 2.0% increase.
An assumed wage increase of 5% is included in the 2024 budget. Increases are primarily due to health insurance and personnel costs.
2. Professional Services (\$73,465) – 37% decrease.
Decreases in legal and engineering services.
3. Utilities (\$167,937)– 46.7% increase.
Increase due to higher electricity and natural gas costs.
4. Contractual Services (\$572,483) – 12.2% increase.
Increases in liability insurance, and PVP Enterprise indirect costs/capital projects.

5. Commodities (\$1,515,619) – 8.7% increase.
Increased cost of water treatment chemicals.
6. Facilities Repair and Maintenance (\$749,716) – 2.0% increase.
Increase due to project selection. Proposed projects for 2024 include:
 - PLC Controls improvements.
 - Painting Pipes.
 - Replace House Water PVC Piping.
 - Replace Surface Wash Pipes.
 - Replace Filter Actuators.
 - Upgrade Filter Consoles.
 - Replace Redwood Floc Walls - Annual Program.
 - Replace filters 1-20 surface wash PVC - Annual Program.
 - Filter Air Solenoid Valve replacement program - Annual Program.
 - Tank 2 - Spot coating repairs.
 - Yard Butterfly Valve Actuator Replacement - Annual Program.

Renewal and Replacement (R&R) Fund Budget

The proposed R&R Fund budget for 2024 is \$1,936,738. This is a decrease of 3.4% from the 2023 R&R budget. Proposed 2024 R&R projects are listed below:

1. New Hydrocarbon Analyzer for Poudre River and new Lab TOC Analyzer - \$95,000.
New analyzer at the PVP Sed Basin to detect gasoline spills in the Poudre River.
2. Upgrade SCADA operating system - \$260,000.
Upgrade the iFix SCADA operating interface.
3. Upgrade Chlorine Dioxide system - \$400,000.
Replace the older, smaller 195-gallon tank with a new 800-gallon tank, install new generators, and piping.
4. Replace MCC - \$568,000.
Replace the main Plant Motor Control Center.
5. Replace Sedimentation Sludge collectors - Basins 1-4 - Annual Program- \$100,000.
Replace sludge collectors – phase over several years until complete.
6. Vehicle replacement - \$85,000.
Replace two 15-year-old maintenance trucks.
7. Replace Mud Valves - Floc Basin Drains - \$32,000.
Replace original mud valves.
8. Replace NWCWD 20-inch meter - \$280,000.

Table 2 – Summary of 2024 District costs

	<u>East Larimer County</u>	<u>Fort Collins Loveland</u>	<u>North Weld County</u>
Fixed O&M	\$1,124,350	\$1,888,504	\$1,904,485
Variable O&M	\$281,247	\$620,724	\$607,141
Renewal and Replacement	\$442,835	\$743,804	\$750,099
Total	\$1,848,832	\$3,253,032	\$3,261,724
Increase/(Decrease) from 2023 Budget	2.77%	3.34%	1.69%

Soldier Canyon Water Treatment Authority
Water Enterprise Fund
FINAL 2024 Budget
 Prepared 9/28/2022

O&M Revenue Requirement	2020 Actual	2021 Budget	2021 Projected	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
Fixed O&M	\$ 3,080,145	\$ 3,711,820		\$ 3,599,030	\$ 3,597,840	\$ 3,597,840	\$ 4,813,114	\$ 4,296,166	\$ 4,917,339	\$ 4,852,389	\$ 4,997,961	\$ 5,147,900	\$ 5,302,337	\$ 5,461,407	\$ 5,625,249	\$ 5,794,007
Fixed O&M Rate per MG Capacity Owned		Jan. - June \$6,663														
	\$ 5,716	June - Dec. \$4,997			\$ 4,997	\$ 4,997	6,684.88	5,966.90	\$6,829.64	\$ 6,739	\$ 6,942	\$ 7,150	\$ 7,364	\$ 7,585	\$ 7,813	\$ 8,047
Variable O&M	\$ 875,199	\$ 992,378		\$ 962,663	\$ 1,035,314	\$ 1,003,407	\$ 1,338,719	\$ 1,246,279	\$ 1,509,512	\$ 1,554,797	\$ 1,601,441	\$ 1,649,485	\$ 1,698,969	\$ 1,749,938	\$ 1,802,436	\$ 1,856,509
Variable O&M Rate per 1,000 gallons	\$ 0.173	\$ 0.116			\$ 0.1197	\$ 0.1160	0.1469	0.1367	\$ 0.172	\$ 0.170	\$ 0.172	\$ 0.174	\$ 0.176	\$ 0.178	\$ 0.180	\$ 0.184

R&R Revenue Requirement	2020 Actual	2021 Budget	2021 Projected	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
R&R Revenue	\$ 650,790	\$ 2,115,714		\$ 1,227,583	\$ 1,770,734	\$ 1,770,732	\$ 2,004,000	\$ 1,133,047	\$ 1,936,738	\$ 2,115,000	\$ 1,090,001	\$ 1,101,845	\$ 1,642,113	\$ 547,428	\$ -	\$ -
R&R Rate per Month per MG of Capacity		Jan. - June \$2,273														
	\$ 207	June - Dec. \$1,705			\$ 2,459.35	\$ 2,459.35	2,783.33	1,573.68	\$2,689.91	\$ 2,938	\$ 1,514	\$ 1,530	\$ 2,281	\$ 760	\$ -	\$ -

Funding Breakout For Each District

NWCWD	2020 Actual	2021 Budget	2021 Projected	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
Fixed O&M	\$ 1,114,997	\$ 1,345,619	\$ 1,345,619	\$ 1,346,984	\$ 1,393,443	\$ 1,393,443	\$ 1,864,119	\$ 1,663,905	\$ 1,904,485	\$ 1,879,330	\$ 1,935,710	\$ 1,993,782	\$ 2,053,595	\$ 2,115,203	\$ 2,178,659	\$ 2,244,019
Projected Flow (in 1,000 gallons)	3655	3549	3549		3679	3679	3867	3867	3531	4076	4210	4357	4509	4666	4823	4823
Variable O&M	\$ 632,232	\$ 413,277	\$ 413,277	\$ 427,256	\$ 440,236	\$ 420,617	\$ 567,946	\$ 528,729	\$ 607,141	\$ 693,668	\$ 725,031	\$ 758,502	\$ 793,274	\$ 829,461	\$ 866,542	\$ 889,789
Capital -Renewal and Replacement	\$ 91,777	\$ 449,977	\$ 449,977	\$ 459,205	\$ 685,805	\$ 685,805	\$ 776,149	\$ 438,829	\$ 750,099	\$ 819,140	\$ 422,157	\$ 426,745	\$ 635,990	\$ 212,019	\$ -	\$ -
Capital -Plant Expansion	\$ 8,395,062	\$ 4,119,519	\$ 3,508,665	\$ 3,716,713	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 10,234,068	\$ 6,337,620	\$ 6,337,620	\$ 5,950,158	\$ 2,519,485	\$ 2,499,865	\$ 3,208,214	\$ 2,631,463	\$ 3,261,724	\$ 3,392,138	\$ 3,082,899	\$ 3,179,028	\$ 3,482,860	\$ 3,156,683	\$ 3,045,201	\$ 3,133,808

FCLWD	2020 Actual	2021 Budget	2021 Projected	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
Fixed O&M	\$ 1,100,421	\$ 1,331,985	\$ 1,331,985	\$ 1,332,242	\$ 1,381,750	\$ 1,381,750	\$ 1,848,476	\$ 1,649,942	\$ 1,888,504	\$ 1,863,560	\$ 1,919,467	\$ 1,977,051	\$ 2,036,363	\$ 2,097,453	\$ 2,160,377	\$ 2,225,188
Projected Flow (in 1,000 gallons)	3209	3431	3431		3431	3431	3610	3610	3610	3431	3431	3431	3431	3431	3431	3431
Variable O&M	\$ 555,185	\$ 399,536	\$ 399,536	\$ 367,328	\$ 410,560	\$ 399,369	\$ 530,200	\$ 493,589	\$ 620,724	\$ 583,900	\$ 590,875	\$ 597,296	\$ 603,620	\$ 609,918	\$ 616,443	\$ 632,981
Capital -Renewal and Replacement	\$ 90,675	\$ 445,434	\$ 445,434	\$ 454,550	\$ 680,050	\$ 680,050	\$ 769,636	\$ 435,147	\$ 743,804	\$ 812,266	\$ 418,615	\$ 423,164	\$ 630,653	\$ 210,240	\$ -	\$ -
Capital -Plant Expansion	\$ 8,369,991	\$ 4,107,216	\$ 3,498,187	\$ 3,705,613	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 10,116,272	\$ 6,293,288	\$ 6,293,288	\$ 5,859,734	\$ 2,472,361	\$ 2,461,169	\$ 3,148,313	\$ 2,578,679	\$ 3,253,032	\$ 3,259,726	\$ 2,928,957	\$ 2,997,511	\$ 3,270,636	\$ 2,917,612	\$ 2,776,820	\$ 2,858,169

ELCO	2020 Actual	2021 Budget	2021 Projected	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
Fixed O&M	\$ 872,422	\$ 919,617	\$ 919,617	\$ 919,803	\$ 822,646	\$ 822,646	\$ 1,100,519	\$ 982,318	\$ 1,124,350	\$ 1,109,499	\$ 1,142,784	\$ 1,177,067	\$ 1,212,379	\$ 1,248,751	\$ 1,286,213	\$ 1,324,800
Projected Flow (in 1,000 gallons)	1442	1542	1542		1542	1542	1638	1638	1638	1629	1658	1687	1717	1747	1778	1809
Variable O&M	\$ 249,547	\$ 179,564	\$ 179,564	\$ 168,080	\$ 184,519	\$ 183,421	\$ 240,573	\$ 223,961	\$ 281,647	\$ 277,229	\$ 285,535	\$ 293,687	\$ 302,074	\$ 310,559	\$ 319,451	\$ 333,740
Capital -Renewal and Replacement	\$ 71,888	\$ 306,600	\$ 306,600	\$ 313,828	\$ 404,878	\$ 404,878	\$ 458,215	\$ 259,071	\$ 442,835	\$ 483,595	\$ 249,229	\$ 251,937	\$ 375,469	\$ 125,169	\$ -	\$ -
Capital -Plant Expansion	\$ 2,520,640	\$ 1,236,897	\$ 1,053,486	\$ 1,115,953	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,714,497	\$ 2,649,906	\$ 2,649,906	\$ 2,517,664	\$ 1,412,043	\$ 1,410,945	\$ 1,799,306	\$ 1,465,351	\$ 1,848,832	\$ 1,870,323	\$ 1,677,548	\$ 1,722,691	\$ 1,889,923	\$ 1,684,479	\$ 1,605,664	\$ 1,658,540

Earned Interest

Misc. / Interest Income	2020 Actual	2021 Budget	2021 Projected	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
Proj. O&M Fund Interest and Misc Income	\$ 67,326	\$ 4,800	\$ 300	\$ 6,204	\$ 234	\$ 75,961	\$ 250	\$ 5,000	\$ 5,000	\$ 12,048	\$ 12,121	\$ 12,193	\$ 12,267	\$ 12,341	\$ 12,415	\$ 11,762
Projected Income from R&R Fund Interest		\$ 4,800	\$ 881		\$ 234		\$ 250	\$ 250	\$ 500	\$ 7,575	\$ 7,786	\$ 8,027	\$ 8,269	\$ 8,510	\$ 8,782	\$ 6,716

From
Brenda's 2023
Projected

From O&M
Expense Detail
Worksheet

O&M Expense Summary

Fixed O&M

	2020 Actual	2021 Actual	2021 Budget	2021 Actual	2022 Budget	2022 Actual	2023 Budget	2023 Projected	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	2029 Proposed	2030 Proposed	2031 Proposed
Personnel Services																
Wages	1,749,287	2,037,465	1,894,413	1,925,206	\$2,081,189	\$1,971,282	\$2,432,853	\$2,372,780	\$ 2,446,610	2,520,008	2,595,609	2,673,477	2,753,681	2,836,292	2,921,380	3,009,022
Taxes	31,226	36,667	32,579	31,990	35,576	32,468	38,972	38,363	\$ 41,078	42,311	43,580	44,887	46,234	47,621	49,050	50,521
Pension	270,807	344,334	319,431	308,900	337,372	334,585	383,175	406,355	\$ 422,333	435,003	448,053	461,494	475,339	489,599	504,287	519,416
Insurance	201,125	238,858	317,696	238,805	318,808	277,173	360,424	357,377	\$ 374,663	385,903	397,480	409,404	421,687	434,337	447,367	460,788
Misc.	31,987	30,139	51,613	27,108	63,135	33,559	67,257	54,300	\$ 62,947	64,835	66,780	68,784	70,847	72,973	75,162	77,417
	2,284,433	2,687,463	2,615,732	2,532,009	2,836,080	2,649,067	3,282,681	3,229,175	\$ 3,347,631	3,448,060	3,551,502	3,658,047	3,767,788	3,880,822	3,997,246	4,117,164
Professional Services																
Directors Expenses	191	921	3,296	1,500	3,296	4,234	3,465	753	\$ 3,465	3,569	3,676	3,786	3,900	4,017	4,137	4,262
Legal Services	9,366	13,400	20,600	20,600	20,600	4,469	21,630	9,849	\$ 15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448
Audit Services	54,140	42,791	17,510	31,228	31,000	25,947	31,000	32,944	\$ 35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046
Engineering Services	16,897	120,330	120,000	120,000	50,000	15,590	60,000	-	\$ 20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597
	80,594	177,443	161,406	173,328	104,896	50,240	116,095	43,547	\$ 73,465	75,669	77,939	80,277	82,686	85,166	87,721	90,353
Utilities																
Trash Service	8,094	6,323	9,200	9,200	\$9,200	\$6,944	\$8,500	\$8,229	\$ 8,925	9,193	9,469	9,753	10,045	10,347	10,657	10,977
	8,094	6,323	9,200	9,200	9,200	6,944	8,500	8,229	\$ 8,925	9,193	9,469	9,753	10,045	10,347	10,657	10,977
Contractual Services																
Telephone & Internet	18,647	17,163	23,340	23,340	\$10,410	\$12,380	\$9,800	\$8,171	\$ 9,800	10,094	10,397	10,709	11,030	11,361	11,702	12,053
Outside Services	85,633	97,429	139,855	139,855	151,304	138,784	171,959	118,785	\$ 160,709	165,530	170,496	175,611	180,879	186,306	191,895	197,652
Source of Supply	47,299	91,903	106,998	106,998	107,321	71,239	116,321	145,955	\$ 180,000	185,400	190,962	196,691	202,592	208,669	214,929	221,377
Dues, Publications	10,007	11,058	7,003	11,241	11,241	6,875	11,974	7,505	\$ 11,974	12,333	12,703	13,084	13,477	13,881	14,298	14,727
Liability Insurance	73,421	78,642	76,385	78,642	100,000	167,582	200,000	190,305	\$ 210,000	216,300	222,789	229,473	236,357	243,448	250,751	258,274
	235,007	296,196	353,581	360,076	380,276	396,860	510,054	470,721	\$ 572,483	589,657	607,347	625,568	644,335	663,665	683,575	704,082
Commodities																
Supplies	105,079	124,283	122,082	117,890	122,082	122,945	143,142	106,832	\$ 147,449	151,872	156,429	161,122	165,955	170,934	176,062	181,344
Fuel & Oil	9,154	14,456	12,772	14,057	12,772	13,298	15,100	12,239	\$ 15,100	15,553	16,020	16,500	16,995	17,505	18,030	18,571
Miscellaneous	1,180	1,993	2,396	1,200	\$2,396	\$1,673	\$2,570	\$1,546	\$ 2,570	2,647	2,727	2,808	2,893	2,979	3,069	3,161
	115,413	140,732	137,250	133,147	137,250	137,916	160,812	120,616	\$ 165,119	170,073	175,175	180,430	185,843	191,418	197,161	203,076
Repair and Maintenance																
Plant Equipment	65,156	64,757	60,557	165,000	60,557	108,779	70,000	143,456	\$ 150,000	154,500	159,135	163,909	168,826	173,891	179,108	184,481
Facilities Repair	267,329	313,496	302,000	330,000	302,000	131,085	592,000	263,649	\$ 546,087	350,000	360,500	371,315	382,454	393,928	405,746	417,918
Lab Equipment Maint.	8,877	8,937	30,000	15,383	30,000	11,161	30,000	7,495	\$ 30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896
Vehicles	15,242	33,592	42,094	44,952	42,094	11,204	42,972	9,280	\$ 23,629	24,338	25,068	25,820	26,595	27,392	28,214	29,061
	356,604	420,783	434,651	555,335	434,651	262,229	734,972	423,879	\$ 749,716	559,738	576,530	593,826	611,641	629,990	648,890	668,356
Variable O&M																
Utilities																
Electricity	30,346	64,504	38,028	59,000	39,168	90,626	79,412	108,270	\$ 114,517	117,953	121,491	125,136	128,890	132,757	136,739	140,841
Natural Gas	7,714	17,895	15,093	19,359	15,546	33,695	26,557	41,882	\$ 44,495	45,830	47,205	48,621	50,080	51,582	53,129	54,723
	38,060	82,399	53,121	78,359	54,714	124,321	105,969	150,152	\$ 159,012	163,782	168,696	173,757	178,969	184,338	189,869	195,565
Commodities																
Treatment Chemicals	837,139	908,756	939,257	862,416	980,600	1,068,205	1,232,750	1,096,127	\$ 1,350,500	1,391,015	1,432,745	1,475,728	1,520,000	1,565,600	1,612,568	1,660,945
Total O&M Expense	3,955,344	4,720,094	4,704,198	4,703,870	4,937,667	4,695,782	6,151,833	5,542,445	\$ 6,426,851	6,407,187	6,599,402	6,797,384	7,001,306	7,211,345	7,427,686	7,650,516

O&M Expense Detail Worksheet

	Administration	Lab / Regulatory	Water Resources	Operations	Maintenance	Line Total	Total
5100 -Personnel Services							\$3,347,631
5110 Wages							\$2,446,610
5111 Wages (Permanent)	\$273,441	\$203,246	\$351,085	\$999,228	\$544,610	\$2,371,610	
Wages (Contingency for Operators 5112 advancing through Licensing)				\$15,000		\$15,000	
5113 Overtime / Temporary				\$26,000	\$12,000	\$38,000	
On Call				\$22,000		\$22,000	
5120 Taxes							\$41,078
5121 Unemployment Tax	\$680	\$410	\$1,000	\$3,000	\$1,600	\$6,690	
5122 Medicare Tax	\$3,965	\$2,947	\$5,091	\$14,489	\$7,897	\$34,388	
5130 Pension							\$422,333
5131 P.E.R.A.	\$41,434	\$29,066	\$50,762	\$150,042	\$81,196	\$352,500	
5132 ICMA matchmaker - Employer	\$8,038	\$5,920	\$0	\$26,484	\$16,538	\$56,979	
5133 401K matchmaker - Employer			\$10,338	\$2,515		\$12,853	
5140 Insurance							\$374,663
5141 Health Insurance	\$23,576	\$23,576	\$35,364	\$117,882	\$70,741	\$271,139	
5142 Life Insurance P.E.R.A.	\$372	\$372	\$558	\$700	\$700	\$2,702	
5143 Workers Comp. Insurance	\$3,418	\$1,668	\$5,041	\$12,695	\$8,000	\$30,822	
5144 Health Savings Account	\$6,000	\$6,000	\$9,000	\$28,000	\$21,000	\$70,000	
5150 Misc.							\$62,947
5151 Conferences, Education	\$4,244	\$4,244	\$6,365	\$10,540	\$6,954	\$32,347	
5152 Uniforms	\$1,050	\$1,050	\$1,600	\$5,250	\$3,150	\$12,100	
5153 Safety	\$1,000	\$1,000	\$1,000	\$6,500	\$9,000	\$18,500	
5200 - Professional Services							\$73,465
Board, Legal Audit							\$73,465
5211 Directors Expenses	\$3,465					\$3,465	
5212 Legal Services	\$15,000					\$15,000	
5213 Audit Services	\$35,000					\$35,000	
5214 Engineering Services				\$20,000		\$20,000	
5300 Utilities							\$167,937
5310 Electrical Utilities							\$114,517
5311 Plant Electrical				\$52,000		\$52,000	
5312 Pump Station Electrical				\$61,117		\$61,117	
5313 Tie Pump Station Electrical				\$1,400		\$1,400	
5320 Natural Gas							\$44,495
5321 Plant Natural Gas				\$40,000		\$40,000	
5322 Pump Station Natural Gas				\$2,200		\$2,200	
5323 De-Watering bldg. Nat. Gas				\$2,295		\$2,295	
5330 Misc.							\$8,925
5331 Trash Removal				\$8,925		\$8,925	

O&M Expense Detail Worksheet

	Administration	Lab / Regulatory	Water Resources	Operations	Maintenance	Line Total	Total
5400 - Contractual Services							\$572,483
5410 Telephone & Internet							\$9,800
5411 Telephone & Internet	\$8,200		\$1,600			\$9,800	
5420 Outside Services							\$160,709
5421 HVAC Service					\$2,000	\$2,000	
5422 Contract Lab		\$16,714				\$16,714	
5423 IT & SCADA Support	\$32,000			\$54,995		\$86,995	
5424 Solids Removal				\$40,000		\$40,000	
5426 Administrative Support	\$15,000					\$15,000	
5430 Source of Supply							\$180,000
5431 CBT Winter Delivery						\$0	
5432 PVP Maintenance Est. Cost					\$160,000	\$160,000	
5433 HT/Big T Watershed Monitoring		\$0				\$0	
5434 Poudre Watershed Monitoring		\$20,000				\$20,000	
5440 Dues, Publications							\$11,974
5441 Memberships and Publications	\$5,739	\$225	\$100	\$1,230	\$4,680	\$11,974	
5450 Liability Insurance							\$210,000
5451 Insurance, Property, Liability	\$210,000					\$210,000	
5500 - Commodities							\$1,515,619
5510 Supplies							\$147,449
5505 Admin. / Oper. Misc.	\$7,235					\$7,235	
5511 Office Supplies	\$20,100		\$6,884	\$8,058		\$35,042	
5512 Operational Supplies			\$3,000	\$53,300		\$56,300	
5513 Lab Supplies		\$40,150				\$40,150	
5514 Shop Supplies					\$7,424	\$7,424	
5516 Janitorial Supplies				\$1,298		\$1,298	
5520 Treatment Chemicals							\$1,350,500
5521 Coagulants				\$520,000		\$520,000	
5522 Disinfectants				\$175,000		\$175,000	
5523 Corrosion Control				\$292,000		\$292,000	
5524 Pre Treatment (Chlorite)				\$165,000		\$165,000	
5525 Floc/Filter Aid				\$54,500		\$54,500	
5526 Dewatering Flocculants				\$36,000		\$36,000	
5527 Fluoride				\$90,000		\$90,000	
PAC				\$15,000		\$15,000	
5528 Misc. Chemicals				\$3,000		\$3,000	
5530 Fuel & Oil							\$15,100
5531 Fuel & Oil	\$1,500	\$2,200	\$2,700	\$5,200	\$3,500	\$15,100	
5540 Miscellaneous							\$2,570
5541 Miscellaneous	\$1,700		\$630	\$240		\$2,570	
5600 - Repair & Maintenance							\$749,716
5610 Plant Equipment		\$30,000			\$120,000	\$150,000	
5620 Facilities Repair					\$546,087	\$546,087	
5630 Lab Equipment Maint.		\$30,000				\$30,000	
5640 Vehicles		\$2,142	\$3,000	\$8,487	\$10,000	\$23,629	
Totals	\$722,157	\$420,930	\$495,118	\$3,151,570	\$1,637,076	\$6,426,851	\$6,426,851

Renewal and Replacement Summary

2020 Actual			2021 Budget		2021 Estimated		2022 Budget			2023 Budget			2024 Proposed		2025 Proposed		2026 Proposed		2027 Proposed		2028 Proposed		2029 Proposed		2030 Proposed		2031 Proposed	
Projects & Proj Number	Cost \$ (2019)	Complete (Y/N)	Projects & Proj Number	Cost \$ (2019)		Complete (Y/N)	Projects & Proj Number	Cost \$ (2019)	Complete (Y/N)	Projects & Proj Number	Cost \$ (2023)	Complete (Y/N)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)	Projects & Proj Number	Cost \$ (2019)
Sleeve Valve	\$292,463	Yes	Filter Improvements 1-4 - 0600-04	\$935,714	\$500,000	Yes	Filter Improvements 5-8 - 0600-04	\$700,000	No	Floc Sed Heaters - 1000-13	\$180,000	No	Chlorine Dioxide System - General Upgrade	\$400,000	PVP meter Upgrades	\$290,000	Compressed Air System Upgrades	\$180,000	Replace Filter Media 9-12	\$547,428	Paint Clearwell Tank 2	\$1,192,113	Replace Filter Media 12-20	\$547,428				
Scrubber	\$269,292	Yes	Floc Sed Heaters - 1000-13	\$700,000		No	Emergency Back Up Generator - 0100-02	\$400,000	No	(50%) Filter Improvements 5-8 - 0600-04	\$700,000	No	Mud Valves - Floc Basin Drains 0400-02	\$32,000	Paint BW Tanks 1 and 2	\$225,000	Yard Valve Repair	\$200,000	Horsetooth Meter Replacement	\$329,510	Soda ash grinders	200,000						
Plant Improvements	\$46,539	Yes	Paint Clearwell Tank 1 - 0900-01	\$360,000	\$800,000	Yes	Compressed Air System Upgrades	\$140,000	No	Emergency Back Up Generator - 0100-02	\$220,000	No	Hydrocarbon Analyzer for Poudre River and new TOC Analyzer	\$95,000	Clearwell Tank 4 - Repaint	\$1,300,000	Repair raw water valves	\$610,000	Yard Valve Repair	\$224,907	Soda ask dehumidifier	250,000						
Controls Improvements	\$42,495	Yes	Emergency Back Up Generator - 0100-02		\$200,000	Ongoing	Controls Improvements - PLC Replacement 0100-07	\$120,000	No	Compressed Air System Upgrades	\$180,000	No	Replace Plant MCC	\$568,260	Yard Valve Repair	\$200,000												
			Controls Master Plan	\$120,000	\$120,000	Contracted and Ongoing				Controls Improvements - PLC Replacement 0100-07	\$140,000	No	Replace Sedimentation Sludge collectors - Basins 1-4 - Annual Program	\$100,000	Replace Sedimentation Sludge collectors - Basins 1-4 - Annual Program	\$100,000	Replace Sedimentation Sludge collectors - Basins 1-4 - Annual Program	\$100,001										
													Vehicle replacement - 2 Maint trucks	\$85,000														
										Comprehensive Master Plan	\$500,000	No	NWCWD 20" Meter	\$376,478														
										Replace 195 Gal CLO2 tank with new 800 Gal tank - 0200-09	\$84,000	No	SCADA iFix upgrade	\$280,000														
	\$650,789			\$2,115,714	\$1,620,000			\$1,360,000			\$2,004,000			\$1,936,738		\$2,115,000		\$1,090,001		\$1,101,845		\$1,642,113		\$547,428		\$0		\$0

O&M Facilities Repair Project List

2020	2020 Budgeted	2020 Actual	Completed (Y/N?)	2021 Budgeted	2021 Estimated	Completed (Y/N?)	2022 Budgeted	Completed (Y/N?)	2023 Budget	2023 Cost	2024 Budget	2025	2026	2027	2028	2029	2030									
Projects				Projects			Projects		Projects		Projects	Projects	Projects	Projects	Projects	Projects	Projects									
Controls Improvements	\$62,400	\$66,220	Yes	Controls Improvements	64,896	64,896	Yes	Coagulant Pump Upgrades - skids	90,000	No	Controls Improvements	\$75,000	PLC Controls Improvements	\$75,000	Soda Ash De-Lumper	77,468	HT 42" Pipe Assessment	83,170	Controls Improvements	82,114	Controls Improvements	85,399	Controls Improvements	85,399	Controls Improvements	88,815
Plant Intercom	\$59,587		No	Chlorine Hoist	55,597	33,477	Yes	Chlorine Dioxide Pump Upgrades	50,000	No	Surface Wash Pumps 1&2 - 0600-10	\$65,000	Replace House Water PVC Piping - Annual Program	\$30,000	Controls Improvements	75,919	HT 36" Pipe Assessment	83,170			Caulk Decant Pond 3	290,000				
Replace Fluoride Feeder	\$51,110		Yes	Water Quality Analyzer	50,000		Yes	Paint Pipes	45,000	No	Backwash Pump 2 - 0600-01	\$65,000			Vehicle Replacement	50,613	Controls Improvements	78,956								
Sed Basin Wall Repair	\$48,057		No	Paint Pipes	43,264		Yes	Knock Out Wall to Install New Tank - Part of 0200-09 CLO2 project	30,000	No	Paint Pipes	\$25,000	Paint Pipes - Annual Program	\$47,000	Replace House Water PVC Piping - Annual Program	30,000	Replace House Water PVC Piping - Annual Program	30,001	Replace House Water PVC Piping - Annual Program	30,002			Paint building exterior	150,000		
Gate Lighting & Camera	\$40,675	\$6,832	Yes	Floc Chains & Sprockets	33,951	70,600	Yes				Vehicle Replacement	\$46,000			Paint Pipes - Annual Program	47,000	Paint Pipes - Annual Program	47,001	Paint Pipes - Annual Program	47,002	Paint Pipes - Annual Program	47,003	Paint Pipes - Annual Program	47,004	Paint Pipes - Annual Program	47,005
Floc Chains & Sprockets 2	\$36,678	\$32,646	Yes	Filter Valves	32,448		No				Upgrade Filter Consoles - 0100-08	\$50,000	Filter Actuators - Annual program	\$24,400	Filter Actuators - Annual program	\$24,400	Paint Interior Walls	39,000	Paint Interior Walls	39,001	Paint Interior Walls	39,002	Paint Interior Walls	39,003	Paint Interior Walls	39,004
House Water System	\$31,229	\$12,708	Yes	Filter Actuators	21,632		No				Filter Valves	\$40,000	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,000	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,000	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,001	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,002	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,003	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,004	Replace Green Plastic Airline throughout Plant - Annual Program	\$30,005
Caulk Decant Pond 2	\$20,000		No	Chlorine Dioxide Batch Tank	39,012		No				Surface Wash Pipes	\$36,000					Surface Wash Flow Meter	22,000								
House Roof	\$19,238	\$19,656	Yes	Surface Wash Piping 1-4	29,266		Yes				Mud Valves - Floc Basin Drains 0400-02	\$35,000	Upgrade Filter Consoles	\$52,967												
				Paint Filter Piping 1-4	20,067		No				Filter Actuators	\$25,000	Replace Redwood Floc Walls - Annual Program	\$30,000	Replace Redwood Floc Walls - Annual Program	\$30,000	Replace Redwood Floc Walls - Annual Program	\$30,000	Replace Redwood Floc Walls - Annual Program	\$30,000						
				Dewatering Piping Modifications	10,000		Yes				Surface Wash Flow Meter	\$22,000	Replace filters 1-20 surface wash PVC - Annual Program	\$15,000	Replace filters 1-20 surface wash PVC - Annual Program	\$15,000	Replace filters 1-20 surface wash PVC - Annual Program	\$15,000	Replace filters 1-20 surface wash PVC - Annual Program	\$15,000	Replace filters 1-20 surface wash PVC - Annual Program	\$15,001				
				Replace Fluoride Feeder	39,436		Yes				Office/Control Room upgrades	\$30,000	Filter Air Solenoid Valve replacement program - Annual Program	\$25,000	Filter Air Solenoid Valve replacement program - Annual Program	\$25,001	Filter Air Solenoid Valve replacement program - Annual Program	\$25,001	Filter Air Solenoid Valve replacement program - Annual Program	\$25,001						
				Fencing	50,380		Yes				Sed Basin Wall Repair	\$55,000	Tank 2 - Spot coating repairs	\$16,720												
											Abandon unused Chemical feeds - 0200-02	\$3,000	Yard Butterfly Valve Actuator Replacement - Annual Program	\$200,000	Yard Butterfly Valve Actuator Replacement - Annual Program	\$200,001	Yard Butterfly Valve Actuator Replacement - Annual Program	\$200,002	Yard Butterfly Valve Actuator Replacement - Annual Program	\$200,003	Yard Butterfly Valve Actuator Replacement - Annual Program	\$200,004				
				Gate Camera	6,832		Yes				Caulk Decant Pond 2	\$20,000														
	\$368,974	\$138,062		400,133	265,621		215,000				\$592,000		\$546,087		605,402		683,302		498,125		706,412		351,410		204,829	

Soldier Canyon Water Treatment Authority

FINAL 2024 Budget

Unit Cost

Operations & Maintenance Fund Unit Cost Per 1,000 Gallons	2020 Actual	2021 Budget	2021 Projected	2022 Budget	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
NWCWD	\$ 0.478	\$ 0.496	\$ 0.496	\$ 0.498	\$ 0.629	\$ 0.711	\$ 0.631	\$ 0.632	\$ 0.632	\$ 0.631	\$ 0.631	\$ 0.631	\$ 0.650
FCLWD	\$ 0.516	\$ 0.505	\$ 0.505	\$ 0.522	\$ 0.659	\$ 0.695	\$ 0.713	\$ 0.732	\$ 0.750	\$ 0.769	\$ 0.789	\$ 0.809	\$ 0.833
ELCO	\$ 0.778	\$ 0.713	\$ 0.713	\$ 0.653	\$ 0.819	\$ 0.858	\$ 0.851	\$ 0.861	\$ 0.872	\$ 0.882	\$ 0.893	\$ 0.903	\$ 0.917

Renewal And Replacement Fund Unit Cost Per 1,000 Gallons	2020 Actual	2021 Budget	2021 Projected	2022 Budget	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget	2028 Budget	2029 Budget	2030 Budget	2031 Budget
NWCWD	\$ 0.025	\$ 0.127	\$ 0.127	\$ 0.186	\$ 0.201	\$ 0.212	\$ 0.201	\$ 0.100	\$ 0.098	\$ 0.141	\$ 0.045	\$ -	\$ -
FCLWD	\$ 0.028	\$ 0.130	\$ 0.130	\$ 0.198	\$ 0.213	\$ 0.206	\$ 0.237	\$ 0.122	\$ 0.123	\$ 0.184	\$ 0.061	\$ -	\$ -
ELCO	\$ 0.050	\$ 0.199	\$ 0.199	\$ 0.263	\$ 0.280	\$ 0.270	\$ 0.297	\$ 0.150	\$ 0.149	\$ 0.219	\$ 0.072	\$ -	\$ -

SOLDIER CANYON WATER TREATMENT AUTHORITY

RESOLUTION NO. 2023-10-02

**A RESOLUTION ADOPTING A SCHEDULE OF FEES, RATES AND CHARGES
EFFECTIVE JANUARY 1, 2024**

WHEREAS, pursuant to Article XIV, Section 18(2)(a) of the Constitution of the State of Colorado and Part 2, Article I, Title 29, C.R.S., the East Larimer County Water District, Fort Collins-Loveland Water District, and North Weld County Water District (collectively "Water Districts" or individually "Water District") established the Soldier Canyon Water Treatment Authority ("Authority") by entering into the Soldier Canyon Water Treatment Authority Creation Agreement, dated October 20, 2016 and effective February 1, 2017, revised and restated April 16, 2019 ("Agreement"); and

WHEREAS, pursuant to § 29-1-204.2 (2)(b), C.R.S., and §§ IV.A. and C. of the Agreement, the Board of Directors of the Authority ("Board") is responsible for governing the business and affairs of the Authority; and

WHEREAS, the Authority owns and operates the Soldier Canyon Water Treatment Facility located at 4424 LaPorte Avenue, Fort Collins, Colorado, together with the real property, easements, water distribution lines, master meters, improvements, and other facilities and property associated with the water filtration plant ("Treatment Facility") for the purpose of providing potable water to the Water Districts for distribution to their customers; and

WHEREAS, pursuant to § 29-1-204.2 (3)U), C.R.S. and § V.B. of the Agreement, the Board has the authority to fix, maintain, and revise fees, rates, and charges for the provision of potable water treated by the Treatment Facility or otherwise supplied by the Authority to the Water Districts; and

WHEREAS, pursuant to § VIII.E. of the Agreement, such fees, rates, and charges shall provide for all the costs associated with owning, operating, maintaining, and improving the Treatment Facility and providing reasonable contingency and reserve funds; and

WHEREAS, § VIII.E. of the Agreement also requires that certain charges related to the Treatment Facility will be imposed only on, and in proportion to the benefit received by each Water District; and

WHEREAS, Raftelis Financial Consultants, Inc. ("RFC") prepared a financial plan and rate study dated June 11, 2020 ("Rate Study") for the Authority, which includes user charges for treated water provided by the Authority to the Water Districts that satisfy the requirements of the Agreement; and

WHEREAS, consistent with the methodology and recommendations set forth in the RFC Rate Study and the expanded Treatment Facility capacity, the Board desires to repeal

previous Rate Resolutions and adopt a new, amended schedule of fees, rates, and charges; and

WHEREAS, it is reasonable and necessary for the public health, welfare, and safety of the Water Districts and the customers they serve that the Authority collect adequate revenues to pay ongoing operation and maintenance costs and to generate sufficient reserves to maintain and replace the Authority's facilities as and when needed; and

WHEREAS, the Board hereby finds and determines that the fees, rates, and charges adopted by this Resolution are appropriate and necessary to the function and operation of the Authority.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Soldier Canyon Water Treatment Authority as follows:

1. **Adoption of Amended Fee Schedule.** Effective January 1, 2024, the Authority's fees, rates, and charges for treated water supplied to the Water Districts shall be as described and set forth in the fee schedule attached hereto as **Exhibit A** and incorporated herein by this reference (the "Fee Schedule").

2. **Findings.** The Board hereby finds that:

(a) The statements in the above recital clauses that support adoption of the amended Fee Schedule are incorporated into this Resolution.

(b) The amended Fee Schedule is rationally and reasonably related to the overall cost of services provided by the Authority to the Water Districts.

(c) The amended Fee Schedule is reasonable in comparison to costs incurred by and fees charged by other providers of treated water in the Authority's region.

3. **Severability.** If any part, section, subsection, sentence, clause, or phrase of this Resolution is for any reason held to be invalid, such invalidity shall not affect the validity of the remaining provisions.

4. **Prior Resolutions Superseded.** This Resolution shall supersede and control over any prior rate resolution adopted by the Board. Any inconsistent provision in any prior resolution shall be deemed repealed as of the effective date of this Resolution.

5. **Amendment.** The Fee Schedule shall remain in effect until further action is taken by a Resolution adopted by the Board.

6. **Effective Date.** This Resolution shall take effect and be enforced immediately upon its approval by the Board, although the Rate Schedule shall not be effective until January 1, 2024.

Adopted this 5th day of October 2023.

SOLDIER CANYON WATER TREATMENT AUTHORITY

By: _____
Eric Reckentine, Chairman

Attest:

Mark Kempton, Secretary

EXHIBIT A

Soldier Canyon Water Treatment Authority

Fee Schedule

(Effective January 1, 2024)

Variable Operations and Maintenance \$/1,000 gallon purchased	\$0.172
Fixed Operations and Maintenance \$/million-gallon capacity share/month	\$6,829.64
Fixed Renewal and Replacement \$/million-gallon capacity share/month	\$2,689.91

Attachment A – Scope of Work

Date: Monday, September 25, 2023

Project: **20-Year Master Plan - Phase 3 - Work Order #3**

To: Mark Kempton, SCWTA General Manager

From: Amy Johnson, PE
Chris Parton, PE
Mark Beebe, PE

The objective of this scope of work is to continue progress on the Soldier Canyon Water Treatment Authorities (SCWTA) 20-Year Master Plan project with Phase 3, which includes:

- Task 1 – Project Management, Accounting, QA/QC
- Task 6 – Compile District’s Population and Water Demand Estimates and Forecasts
- Task 10 – Energy and Power Equipment Needs
- Task 11 – Solids Handling Analysis
- Task 13 – Future Treatment Processes and Capacity Expansion

It is anticipated that tasks to perform the scope of work will start November 1, 2023 and be complete by May 1, 2024.

Task 1. Project Management, Accounting, and QA/QC

Objectives: Manage scope, schedule, and staff, coordinate project technical elements, and provide quality reviews of project progress for the next 6 months of the 20-Year Master Plan, including this and future Phases covered in subsequent Work Orders.

Task 1.1 Project Management, Accounting, and Quality Control

- Monitor and manage project accounting, budget, and resource management tools.
- Prepare monthly invoices.
- Perform QC reviews of work products and documents.

Key Assumptions

- This Task will span a duration of 6 months and may include subsequent Phases.

Deliverables:

- Monthly invoices.

Task 6. Compile District's Population and Water Demand Estimates and Forecasts

Objectives: Compile the population and water demand data provided by ELCO, FCLWD, and NWCWD from their respective Master Planning efforts. Determine the overall future demand requirements of the Soldier Canyon Filter Plant (SCFP) based on information received from the Tri-Districts.

Task 6.1 Compile District's Population and Water Demand Estimates and Forecasts

- Receive and digest data from each District.
- Develop a common dataset (e.g., an Excel spreadsheet) and input data received.
- Review and analyze current water demands from ELCO, FCLWD, and NWCWD and prepare a combined forecast of population and the demand required of the water treatment plant (from District provided data) for 5-, 10-, 15-, and 20-year milestones of the 20-year planning horizon.

Task 6.2 Technical Memorandum

- Prepare a technical memorandum summarizing the individual needs as supplied by each District and the compiled needs for plant performance at 5-year intervals for 20 years.

Key Assumptions

- HDR will not be responsible for developing or reviewing the data from the Tri-Districts under this scope of work or confirming its accuracy. Data will be incorporated 'as is'.

Deliverables:

- Technical Memorandum summarizing District needs and compiled projections for SCFP.
- Excel data set of District-provided population and water demand estimates and forecasts.

Task 10. Energy and Power Equipment Needs

Objectives: Evaluate impacts to the electrical system and required upgrades that result from recommended capital improvement projects and future plant expansion.

Task 10.1 Electric Power Supply and Backup Power Needs Assessment

- Review existing Electrical Master Plan and other previous studies provided by SCWTA staff.
- Determine electrical upgrades required for identified CIPs (Task 5 of Work Order #2).
- Determine electrical loads and whether the existing system is appropriate for the additional demands.
- Identify electrical improvements required to serve future plant improvements as identified in the master plan, including overall power supply and system configuration for projects that have significant power demands (such as mechanical dewatering equipment).
- Develop lists of equipment and conceptual sizing.

Task 10.2 Amend Existing Electrical Master Plan

- Amend the existing Electrical Master Plan with recommendations for future energy and power needs at the SCFP.

Key Assumptions:

- Work completed in this task will be based on the existing studies and Electrical Master Plan and recommendations from the 20-Year Master Plan tasks.

Deliverables:

- Amendment to the existing Electrical Master Plan.

Task 11. Solids Handling Analysis

Objectives: Develop and evaluate alternatives for expansion of the existing solids handling drying beds or implementation of different techniques such as mechanical dewatering systems.

Task 11.1 Residual Solids and Waste Backwash Evaluation

- Perform a high-level evaluation of current and future quantities of filter waste backwash and residuals production, including potential long-term impacts to raw water quality due to events such as forest fires or increased use of powdered activated carbon (PAC) to address aesthetic issues.

Task 11.2 Solids Handling Alternatives Analysis

- Develop solids handling alternatives considering:
 - Overall footprint of the solids handling alternatives to reduce space requirements while facilitating solids dewatering.
 - Operability and additional staffing requirements.
 - Impacts to plant utilities such as the service water and electrical systems.
 - Impacts to operating costs.

Task 11.3 Technical Memorandum

- Prepare a technical memorandum summarizing the residual solids and waste backwash evaluation and the alternatives considered and their respective pros and cons.

Key Assumptions:

- Information from recent similar projects (City of Fort Collins and City of Boulder) completed by HDR will be utilized to inform this task.
- Future solids loading and handling requirements will be based on water demand data provided by ELCO, FCLWD, and NWCWD from their respective Master Planning efforts.

Deliverables:

- Technical memorandum summarizing the residual solids and waste backwash evaluation and alternatives.

Task 13. Future Treatment Processes and Capacity Expansion

Objectives: Evaluate water treatment processes/technologies and capacity expansion needs at the SCFP to provide a recommendation for future expansion in 5-, 10-, 15-, and 20-year increments.

Task 13.1 Future Treatment Process and Capacity Expansion Alternatives

- Develop proposed criteria as the basis for building consensus about treatment goals and a preferred treatment process.
- Conduct a workshop dedicated to reviewing and identifying technical, operational, social, and cost-based criteria that will be used to assess the proposed treatment process and technologies.
- Analyze singular points of failure within the treatment system.
- Identify and evaluate alternative drinking water treatment processes/technologies and their capabilities based on current and future water sources (results from Task 8 of Work Order #2). Include evaluation of advanced treatment processes such as Biologically Active Filtration (BAF), Advanced Oxidation, and Granular Activated Carbon (GAC).
- Develop technical memorandum to summarize, and present the criteria, evaluations, and recommendations related to future treatment processes and treatment capacity expansion needs for the upcoming 5-, 10-, 15-, and 20-year time periods.

Task 13.2 Conceptual Development for Preferred Alternative

- Prepare high-level conceptual design for the preferred treatment process alternative including conceptual size and layout of water treatment equipment.

Task 13.3 Technical Memorandum

- Prepare a technical memorandum summarizing evaluated treatment processes, capacity expansion alternatives, and recommended alternative.

Key Assumptions:

- Conceptual design of treatment process equipment will be presented in PDF format. ACAD or REVIT files will not be provided.

Deliverables:

- Workshop meeting agenda and minutes.
- Technical memorandum summarizing evaluated drinking water treatment processes, alternatives, and recommendations.

Not in Scope

- Water rights research and/or analysis.
- Water quality sampling or analysis.
- Additional meetings beyond those noted above.
- Field investigations or physical infrastructure assessments beyond those noted above.
- Complete new electrical master plan.
- Jar testing or pilot studies.
- Preliminary design of water treatment processes.
- Site space planning (Task 12) which will be in a future Task Order.

Soldier Canyon Water Treatment Authority - 20-Year Master Plan - 2023 PHASE 3 - Work Order #3 September 25, 2023		Senior Project Manager	Principal in Charge / QAC	Master Planning Lead	Treatment Plant Lead	Electrical Assessment	Water Tank Storage Advisor	Senior Engineer	Project Engineer	CAD Specialist	GIS Specialist	Senior Project Accountant	Project Coordinator and Clerical	Hours	HDR Labor	Total Expenses	HDR Fee	Total Fee
		Amy Johnson	Jenn Stillman	Chris Paron	Mark Beebe	Travis Moore	Jamie Elchenberger					Dora Proteson						
Task 1: Project Management, Accounting, QA/QC		\$ 245	\$ 290	\$ 275	\$ 300	\$ 300	\$ 280	\$ 230	\$ 165	\$ 135	\$ 208	\$ 148	\$ 106					
1.1	Project Management, Accounting, QA/QC	36	30				4					24		94	\$ 22,192	\$ 44	\$ 22,236	\$ 22,236
	Sub-total	36	30	0	0	0	4	0	0	0	0	24	0	94	\$ 22,192	\$ 44	\$ 22,236	\$ 22,236
Task 6: Compile District's Population and Water Demand Estimates and Forecasts																		
6.1	Compile District's Population and Water Demand Estimates and Forecasts	4		8					36		12			60	\$ 11,616	\$ 23	\$ 11,639	\$ 11,639
6.2	Technical Memorandum	2		4					10				1	17	\$ 3,346	\$ 7	\$ 3,353	\$ 3,353
	Sub-total	6	0	12	0	0	0	0	46	0	12	0	1	77	\$ 14,962	\$ 30	\$ 14,992	\$ 14,992
Task 10: Energy and Power Equipment Needs																		
10.1	Electric Power Supply and Backup Power Needs Assessment			8		12		40						60	\$ 15,000	\$ 30	\$ 15,030	\$ 15,030
10.2	Amend Electrical Master Plan	2				8		26			12		1	49	\$ 10,596	\$ 21	\$ 10,617	\$ 10,617
	Sub-total	2	0	8	0	20	0	66	0	12	0	0	1	109	\$ 25,596	\$ 51	\$ 25,647	\$ 25,647
Task 11: Solids Handling Analysis																		
11.1	Residual Solids and Waste Backwash Evaluation	2			12				16					30	\$ 6,730	\$ 13	\$ 6,743	\$ 6,743
11.2	Solids Handling Alternatives Analysis	4			8				34					46	\$ 8,990	\$ 18	\$ 9,008	\$ 9,008
11.3	Technical Memorandum	2			4				12				1	19	\$ 3,776	\$ 8	\$ 3,784	\$ 3,784
	Sub-total	8	0	0	24	0	0	0	62	0	0	0	1	95	\$ 19,496	\$ 39	\$ 19,535	\$ 19,535
Task 13: Future Treatment Processes and Capacity Expansion																		
13.1	Future Treatment Process and Capacity Expansion Alternatives	4	8		24			16	48					100	\$ 22,100	\$ 164	\$ 22,264	\$ 22,264
13.2	Conceptual Development for Preferred Alternative	4	6		12			10	46	24				102	\$ 19,450	\$ 159	\$ 19,609	\$ 19,609
13.3	Technical Memorandum	2	4		8			10	30				1	55	\$ 11,406	\$ 23	\$ 11,429	\$ 11,429
	Sub-total	10	18	0	44	0	0	36	124	24	0	0	1	257	\$ 52,956	\$ 346	\$ 53,302	\$ 53,302
	Hours	62	48	20	68	20	4	102	232	36	12	24	4	632				
	Fee	\$15,190	\$13,920	\$5,500	\$20,400	\$6,000	\$1,120	\$23,460	\$38,280	\$4,860	\$2,496	\$3,552	\$424		\$ 135,202	\$510	\$ 135,712	
	TOTAL FEE																	\$ 135,712

SOLDIER CANYON WATER TREATMENT AUTHORITY

WORK ORDER #3 (EXHIBIT A)

Work Order No. 2023-003

Effective Date: October 5, 2023

End Date: December 31, 2024

HDR Engineering, Inc. (Consultant) agrees to provide to Soldier Canyon Water Treatment Authority (Client), the professional services described for the Project identified below. The professional services shall be performed in accordance with, and shall be subject to, the terms and conditions of the Master Agreement for Professional Services executed by and between Consultant and Client on the 13th of April 2023.

WORK ORDER PROJECT NAME: Soldier Canyon Water Treatment Authority 20-Year Master Plan – Work Order #3 – Tasks 1, 6, 10, 11, and 13.

WORK ORDER PROJECT DESCRIPTION: Perform master planning engineering services as outlined in the attached Scope of Work and Budget, and in the Soldier Canyon Water Treatment Authority 20-Year Master Plan Request for Proposal response from HDR dated February 28, 2023.

SCWTA WORK ORDER BILLING NUMBER: 382065-GEN

CONSULTANT CONTACT : Amy Johnson, P.E. – (970)- 416-4438, amy.johnson@hdrinc.com.

CLIENT CONTACT: Mark Kempton, P.E., CWP - (970) 482-3143, mkempton@soldiercanyon.com

SCOPE OF WORK: See attached SOW (the “**Work**”).

FEE ARRANGEMENT: Time and Materials Not to Exceed \$135,712.

SPECIAL TERMS AND CONDITIONS: Instructions for Payment: Please reference Work Order Billing Number on Invoice when submitting for payment. Please submit requests for payment to Invoices@soldiercanyon.com.

APPROPRIATION : Client represents that it has available and has appropriated sufficient funds to pay the anticipated costs associated with this Work Order.

Soldier Canyon Water Treatment Authority
(Client)

HDR Engineering, Inc.
(Consultant)

By: _____
Eric Reckentine
Board Chairman

By: _____
Name:
Title:

Date: _____

Date: _____

Address: 4424 LaPorte Avenue
Fort Collins, Colorado 80521
Phone: (970) 482-3143

Address:
Phone:

Soldier Canyon Water Treatment Authority

Soldier Canyon Water Treatment Authority –

Tri-Districts Dinner Agenda

Windsor Mill Tavern

301 Main Street, Windsor, CO 80550

Thursday, October 5, 2023 – 5:30 pm to 8:30 pm

Meeting Purpose*

Annual Meeting. *Not less than once each year, the Board of Directors shall call a meeting of the Board of Directors and the governing bodies of all Parties to jointly discuss current and future operation and maintenance, capital and financial planning, Treatment Capacity, Treatment Facility Capital Improvements, raw water management, Treated Water transmission, and any other matter related to the business affairs of the Authority.*

** Per the 2017/19 Soldier Canyon Water Treatment Authority Creation Agreement*

Agenda

1. 5:30 pm to 5:45 pm – Meet and Greet.
2. 5:45 pm to 6:30 pm – Dinner.
3. 6:30 pm – 7:00 pm – SCWTA annual overview (including 20-year Master Plan, Renewal & Replacement Plan, 65 MGD+ Re-rating Plan) – Mark Kempton.
4. 7:00 pm – 7:30 pm – SCWTA 2024 Budget – Mark Kempton.
5. 7:30 pm – 8:30 pm – Other business and wrap up.