AGENDA for a Regular Meeting
of the Board of Trustees of the Town of Fairplay, Colorado
Monday, March 18, 2024, at 6:00 p.m.
Fairplay Town Hall Meeting Room, 901 Main Street, Fairplay Colorado
Click here to join the TEAMS meeting (ID: 221 559 091 890 / Passcode: Fm5Df4)

I. CALL TO ORDER & PLEDGE OF ALLEGIANCE

II. ROLL CALL

III. APPROVAL OF AGENDA

IV. CONSENT AGENDA (*This item is intended to streamline the Board Meeting grouping routine, non-controversial business. The public or the Board Members may ask that an item be removed from the Consent Agenda for individual consideration.)*

A. APPROVAL OF EXPENDITURES – Approval of paid bills for all Town Funds from March 1, 2024 to March 14, 2024 in the amount of **$276,378.21**.

V. CITIZEN COMMENTS (*This item allows for the public to sign up to address the Board on matters that are not on the agenda – Sign-up can be done prior to, or at the start of a meeting, on the required form.)*

VI. PROCLAMATIONS, PRESENTATIONS AND UPDATES

A. INTRODUCTION OF AND UPDATE FROM NEW HIGH COUNTRY AREA REGIONAL MANAGER BLAIR MCGARY. *The new Xcel Regional Manager will be present to introduce herself and provide updates on Xcel activities and programs.*

B. 75TH ANNUAL TOWN OF FAIRPLAY BURRO DAYS CELEBRATION UPDATE FROM SPECIAL EVENTS COORDINATOR JULIE BULLOCK. *The Board will receive an update from the Town Special Events Coordinator on plans for the 75th Anniversary Celebration and monies raised over the years.*

VII. NEW BUSINESS

A. Review and discussion regarding continuation of Fairplay Water Model Services by Rob Ringle, SGM Senior Engineer. *The Board will review and discuss a proposal from SGM related to next steps for continuation of the Town's Water Model project.*

B. Review and discussion regarding a proposed Asset Management Plan and Capital Improvement Projects for the Town's Water and Sewer Utility by Ken Hardesty, Hardesty Engineering and Mapping P.E. *The Board will review an Asset Management Plan for the Town Water & Sewer System and discuss recommended Capital Improvement Projects.*

C. FIRST READING – Should the Board of Trustees for the Town of Fairplay adopt Resolution No. 14, Series of 2024, entitled "**A RESOLUTION OF THE BOARD OF TRUSTEES FOR THE TOWN OF FAIRPLAY, COLORADO, DETERMINING THAT THE REGULAR MUNICIPAL ELECTION TO BE HELD TUESDAY, APRIL 2, 2024 SHALL BE CANCELLED**."? *The Board will approve a resolution canceling the April 2, 2024 Regular Municipal Election as allowed under Colorado Election Law and the Fairplay Municipal Code.*

VIII. STAFF AND BOARD OF TRUSTEE REPORTS

IX. ADJOURNMENT

Upcoming Meetings/Important Dates

Board of Trustees Regular Meeting	April 1, 2024
Board of Trustees Regular Meeting	April 15, 2024
Park County Intergovernmental Meeting	April 25, 2024

This agenda may be amended. Posted at Fairplay Town Hall, Fairplay Public Library, Fairplay Post Office, and on The Town of Fairplay Website (www.fairplayco.us) on Friday, March 15, 2024

MEMORANDUM

TO: Mayor and Board of Trustees

FROM: Jennie Danner, Treasurer

RE: Paid Bills and Financial Statements

DATE: March 14th, 2024

Attached is the list of the invoices paid between March 1st, 2024 and March 14th, 2024. Total expenditures: $276,378.21. Upon motion to approve the consent agenda, the expenditures will be approved. Please note $175,896.30 was paid to Velocity Constructors Inc. for pay app #3 for the gallery project. Ken Hardesty and Administrator Sciacca will be preparing a reimbursement request on April 1, 2024 for all the first quarter gallery project expenses.

Recent activities: Provided final items for 2023 audit with Mayberry and completed payroll, transmittals, utility, A/P and reconciliation duties. Please see attached financial statements through January 31st 2024. I am preparing quarterly financials which will be available at our April 15th meeting.

Report Criteria:
Detail report type printed

Check Issue Date	Check Number	Name	Description	Seq	Invoice Date	Check Amount	GL Account
01/17/2024	19900	Caselle, Inc	Software Support	1	12/01/2023	874.80	105060
01/17/2024	19900		Software Support	2	12/01/2023	583.20	517206
03/06/2024	20047		Software Support	3	12/01/2023	729.00	517206
03/06/2024	20047		Software Support	4	12/01/2023	729.00	105060
Total 334:						2,916.00	
03/06/2024	20063	O'Rourke Media Group, LL	legal ads	1	02/29/2024	58.82	106125
Total 868:						58.82	
03/06/2024	20066	Postal Pros Southwest, Inc	water billing	1	02/22/2024	218.43	517218
03/06/2024	20066		water billing insert	2	02/22/2024	60.03	105130
Total 1699:						278.46	
03/06/2024	20070	Town of Fairplay	501 main	1	01/31/2024	308.90	105195
Total 2134:						308.90	
03/06/2024	20072	Utility Notification Center	locates water	1	02/29/2024	16.77	517455
03/06/2024	20072		sewer locate	1	02/29/2024	16.77	517650
Total 2194:						33.54	
03/06/2024	20076	Xcel Energy	901 main st	1	02/23/2024	253.89	105023
03/06/2024	20076		fairplay sign	1	02/23/2024	14.69	105640
03/06/2024	20076		747 bogue st	1	02/23/2024	16.98	105841
03/06/2024	20076		1190 castello	1	02/23/2024	88.48	105650
03/06/2024	20076		200 2nd st	2	02/23/2024	97.13	517470
03/06/2024	20076		157 6th st	3	02/23/2024	73.07	105640
03/06/2024	20076		156 5th st	4	02/23/2024	12.69	105640
03/06/2024	20076		589 platte dr	5	02/23/2024	12.69	105841
03/06/2024	20076		419 front st	6	02/23/2024	13.24	105640
03/06/2024	20076		22252 hwy 285	1	02/23/2024	113.21	517680
03/06/2024	20076		1507 county rd 16	2	02/23/2024	4,004.53	517680
03/06/2024	20076		fairplay chlorinator	1	02/23/2024	137.75	517470
03/06/2024	20076		1800 beaver creek	1	02/23/2024	752.66	517495
03/06/2024	20076		501 main st	1	02/23/2024	563.33	105195
03/06/2024	20076		town sign	1	02/23/2024	33.39	105640
03/06/2024	20076		117 silverheels rd	1	02/26/2024	12.69	105841
Total 2296:						6,200.42	
03/06/2024	20050	CenturyLink	scada	1	02/19/2024	74.61	517625
Total 2614:						74.61	
03/06/2024	20060	Mayberry & Company, LLC	2023 audit	1	03/04/2024	3,850.00	106117
03/06/2024	20060		2023 audit	2	03/04/2024	3,850.00	517320
Total 2649:						7,700.00	
03/06/2024	20067	SENSUS USA	sensus support	1	02/21/2024	1,949.94	517415

Check Issue Date	Check Number	Name	Description	Seq	Invoice Date	Check Amount	GL Account
Total 2675:						1,949.94	
03/06/2024	20053	Colorado Natural Gas, Inc.	san office	1	03/04/2024	320.00	517234
03/06/2024	20053		Public Works Shop	1	03/04/2024	1,153.21	105650
03/06/2024	20053		sewer treatment plant	1	03/04/2024	2,973.54	517680
03/06/2024	20053		901 Main Street	1	03/06/2024	324.28	105023
Total 2728:						4,771.03	
03/06/2024	20051	Chaffee County Waste	2 yd biweekly	1	03/04/2024	86.00	517675
03/06/2024	20051		6 yd weekly	2	03/04/2024	263.54	105650
Total 2801:						349.54	
03/06/2024	20055	Falcon Environmental Corp	lift station part for repair	1	02/20/2024	1,291.61	517636
Total 2877:						1,291.61	
03/06/2024	20068	SGM	affordable housing in-kind	1	02/20/2024	237.50	105105
03/06/2024	20068		general eng fees thru 2/10/	1	02/20/2024	4,180.00	105105
03/06/2024	20068		mustang ridge review bill b	1	02/20/2024	190.00	105107
03/06/2024	20068		Stone Creek review bill bac	1	02/20/2024	1,575.00	105107
03/06/2024	20068		burro park eng fees	1	02/20/2024	1,078.00	207375
03/06/2024	20068		water model svcs	1	03/05/2024	1,520.00	517432
03/06/2024	20068		deaver exemption plat bill b	1	02/20/2024	1,244.50	105107
03/06/2024	20068		hathaway water line project	1	02/20/2024	2,650.97	517350
03/06/2024	20068		park county row review	1	02/20/2024	1,244.00	105105
03/06/2024	20068		pw manual updating	1	02/20/2024	1,756.00	105105
03/06/2024	20068		Sewer design criteria updat	1	02/20/2024	2,779.00	517635
03/06/2024	20068		Asphalt concrete plant revi	1	02/20/2024	950.00	105105
03/06/2024	20068		general inquiry review	1	02/20/2024	617.50	105105
Total 3272:						20,022.47	
Multiple	20054	Ernst, Sarah	mileage to liquor training	1	02/27/2024	.00	105015
			mileage to liquor training	2	02/27/2024		105015
Total 3313:						.00	
03/06/2024	20064	Park County Government	monthy internet	1	03/01/2024	52.50	105455
03/06/2024	20064		monthly internet	2	03/01/2024	52.50	105065
03/06/2024	20064		monthly internet	3	03/01/2024	105.00	517226
Total 3381:						210.00	
03/06/2024	20074	Warm Springs Consulting	contract watersystem overs	1	03/02/2024	4,500.00	517417
03/06/2024	20074		contract wastewater operat	1	03/02/2024	5,000.00	517627
Total 3463:						9,500.00	
03/06/2024	20057	Hayes Poznanovic Korver	water counsel svcs feb 24	1	03/05/2024	63.00	517360
Total 3518:						63.00	
03/06/2024	20065	Phoenix Technology Group	laptop CB	1	02/19/2024	458.79	517206
03/06/2024	20065		laptop CB	2	02/19/2024	1,070.51	105060

Check Issue Date	Check Number	Name	Description	Seq	Invoice Date	Check Amount	GL Account
03/06/2024	20065		computer hub	1	02/27/2024	99.04	517206
Total 3580:						1,628.34	
03/06/2024	20075	Wilson Williams LLP	feb 24 legal expenses	1	02/29/2024	355.50	105057
Total 3586:						355.50	
03/06/2024	20061	Mytech Partners, Inc.	office 365 annual subscripti	1	03/02/2024	.00	105060
			office 365 annual subscripti	2	03/02/2024		105060
Total 3603:						.00	
03/06/2024	20071	Utility Associates, Inc.	body cameras	1	02/01/2024	4,666.67	105450
Total 3604:						4,666.67	
03/06/2024	20056	Hardesty Engineering and	WTP construction oversight	1	01/31/2024	4,196.63	517430
03/06/2024	20056		construction oversight feb	1	02/29/2024	10,117.55	517430
Total 3618:						14,314.18	
03/06/2024	20048	CCOM	preemployment physical	1	10/27/2023	70.00	105480
Total 3654:						70.00	
03/06/2024	20052	Charles Abbott Associates,	building official services	1	01/31/2024	4,700.71	105058
Total 3655:						4,700.71	
03/06/2024	20058	Konica Minolta Premier Fin	copier	1	02/24/2024	101.13	105166
03/06/2024	20058		copier	2	02/24/2024	101.14	105130
Total 3700:						202.27	
03/06/2024	20046	A Squared Instruments and	dewatering pond	1	11/15/2023	6,441.00	517660
Total 3726:						6,441.00	
03/06/2024	20045	A NOTCH ABOVE PROPE	Officer Recruiting Expense	1	03/06/2024	3,100.00	105480
Total 3787:						3,100.00	
03/06/2024	20073	Velocity Constructors Inc.	pay app #3 gallery project	1	02/29/2024	175,896.30	517430
Total 3788:						175,896.30	
03/06/2024	20049	CDL Safety School	CDL training sean	1	02/26/2024	3,345.00	105635
Total 3805:						3,345.00	
03/06/2024	20062	Nichole Prickett	pw IT	1	03/01/2024	679.85	105645
03/06/2024	20062		pd IT	2	03/01/2024	679.85	105465
03/06/2024	20062		utilities IT	3	03/01/2024	679.85	517206
03/06/2024	20062		admin IT	4	03/01/2024	679.85	105060
03/06/2024	20062		uniform modification	6	03/01/2024	107.00	105410

Check Issue Date	Check Number	Name	Description	Seq	Invoice Date	Check Amount	GL Account
Total 3806:						2,826.40	
03/06/2024	20059	Mantiques Gun Room	ammo	1	11/15/2023	875.00	105450
03/06/2024	20059		pistol	1	12/12/2023	350.00	105450
Total 3807:						1,225.00	
03/06/2024	20069	Swampfox Optics Inc.	dot sight	1	01/23/2024	1,878.50	105450
Total 3808:						1,878.50	
Grand Totals:						276,378.21	

Report Criteria:
Detail report type printed

TOWN OF FAIRPLAY
COMBINED CASH INVESTMENT
JANUARY 31, 2024

COMBINED CASH ACCOUNTS

01-1030	TBK BANK - DISBURSEMENT ACCT	154,089.61
01-1031	TBK BANK- DISBURSE ACCT-SHADOW	300,000.00
01-1040	TBK BANK - DEPOSIT ACCT	211,754.98
01-1041	TBK BANK- DEPOSIT ACCT-SHADOW	40,936.78
01-1050	XBP - DEPOSIT ACCT	35,588.86
01-1060	TBK BANK - SQUARE CC ACCT	11,412.08
	TOTAL COMBINED CASH	753,782.31
01-0100	CASH ALLOCATED TO OTHER FUNDS	(753,782.31)
	TOTAL UNALLOCATED CASH	.00

CASH ALLOCATION RECONCILIATION

10	ALLOCATION TO GENERAL FUND	330,964.05
20	ALLOCATION TO CONSERVATION TRUST FUND	29,511.35
32	ALLOCATION TO INTERNAL SERVICE FUND	152,733.81
51	ALLOCATION TO FAIRPLAY UTILITY ENTERPRISE	240,573.10
	TOTAL ALLOCATIONS TO OTHER FUNDS	753,782.31
	ALLOCATION FROM COMBINED CASH FUND - 01-0100	(753,782.31)
	ZERO PROOF IF ALLOCATIONS BALANCE	.00

TOWN OF FAIRPLAY
BALANCE SHEET
JANUARY 31, 2024

GENERAL FUND

	ASSETS			
10-0100	CASH IN COMBINED CASH FUND		330,964.05	
10-1002	PETTY CASH		200.00	
10-1003	#1640-5 COLOTRUST		3,440,560.44	
10-1004	CASH DRAWER		50.00	
10-1005	TBK BANK - ST CUT BOND ACCT		39,276.89	
10-1330	PROPERTY TAX RECEIVABLE		236,805.00	
10-1350	SALES TAX RECEIVABLE		238,600.30	
10-1351	SALES TAX RECEIVABLE - STREETS		79,533.43	
10-1380	OTHER RECEIVABLES		10,908.68	
10-1390	PRE PAID EXPENSES		16,755.83	
	TOTAL ASSETS			4,393,654.62
	LIABILITIES AND EQUITY			
	LIABILITIES			
10-2000	ACCOUNTS PAYABLE		13,703.69	
10-2010	ACCRUED SALARIES PAYABLE		12,145.34	
10-2020	DEFERRED PROPERTY TAX COLLECTD		236,805.00	
10-2120	ESCROW FUNDS STREET CUT BOND		3,000.00	
10-2200	FEDERAL WITHHOLDING PAYABLE		8,137.45	
10-2210	FICA PAYABLE		8,459.59	
10-2220	STATE WITHHOLDING PAYABLE		3,064.90	
10-2240	EMPLOYEE HEALTH INS PAYABLE		20,334.73	
10-2255	401A/457 PAYABLE		1,772.09	
10-2260	POLICE PENSION PAYABLE		3,522.76	
10-2265	OTHER WITHHOLDINGS		254.30	
10-2270	ACCRUED UNEMPLOYMENT PAYABLE		144.69	
10-2290	CEMETARY DEPOSIT		600.00	
10-2295	UNEARNED FEES		15,940.00	
10-2310	DEFERRED GRANTS		214,112.26	
	TOTAL LIABILITIES			541,996.80
	FUND EQUITY			
	UNAPPROPRIATED FUND BALANCE:			
10-3100	FUND BALANCE-BEGINNING OF YEAR	4,003,181.79		
	REVENUE OVER EXPENDITURES - YTD	(151,523.97)		
	BALANCE - CURRENT DATE		3,851,657.82	
	TOTAL FUND EQUITY			3,851,657.82
	TOTAL LIABILITIES AND EQUITY			4,393,654.62

TOWN OF FAIRPLAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	TAXES					
10-40-05	AD VALOREM TAX	.00	.00	235,000.00	235,000.00	.0
10-40-10	SPEC. OWNERSHIP TAX	1,829.30	1,829.30	27,000.00	25,170.70	6.8
10-40-30	INTEREST ON PROPERTY TAX	.00	.00	600.00	600.00	.0
10-40-55	50% SHAREBACK OF R&B LEVY	49.64	49.64	9,000.00	8,950.36	.6
10-40-60	MOTOR VEHICLE REGISTRATION	200.79	200.79	4,000.00	3,799.21	5.0
10-40-70	SALES TAX	117,635.94	117,635.94	1,500,000.00	1,382,364.06	7.8
10-40-75	SALES TAX - STREETS	39,211.98	39,211.98	500,000.00	460,788.02	7.8
10-40-80	HIGHWAY USER'S TAX	3,211.70	3,211.70	37,500.00	34,288.30	8.6
10-40-85	SEVERANCE TAX	.00	.00	500.00	500.00	.0
10-40-86	MINERAL LEASE REVENUE	.00	.00	500.00	500.00	.0
10-40-90	CIGARETTE TAX	218.84	218.84	2,500.00	2,281.16	8.8
10-40-96	LODGING TAX	2,924.00	2,924.00	60,000.00	57,076.00	4.9
	TOTAL TAXES	165,282.19	165,282.19	2,376,600.00	2,211,317.81	7.0
	LICENSES					
10-41-10	LIQUOR LICENSES	447.50	447.50	4,000.00	3,552.50	11.2
10-41-30	DOG LICENSES	30.00	30.00	200.00	170.00	15.0
10-41-32	LIVESTOCK PERMIT	.00	.00	50.00	50.00	.0
10-41-34	COMMERCIAL FISHING PERMIT	.00	.00	750.00	750.00	.0
10-41-39	PLAN REVIEW FEES	.00	.00	10,500.00	10,500.00	.0
10-41-40	BUILDING PERMITS	.00	.00	30,000.00	30,000.00	.0
10-41-41	SURCHARGE: STREETS	.00	.00	1,500.00	1,500.00	.0
10-41-42	SURCHARGE: PARKS & REC	.00	.00	1,500.00	1,500.00	.0
10-41-45	EZ BUILDING PERMIT	.00	.00	500.00	500.00	.0
10-41-50	FRANCHISE TAX	15,805.28	15,805.28	70,000.00	54,194.72	22.6
10-41-60	GOLD PANNING PERMITS/DONATION	1,285.00	1,285.00	6,000.00	4,715.00	21.4
10-41-70	BUSINESS LICENSES	3,400.00	3,400.00	6,000.00	2,600.00	56.7
10-41-74	SHORT TERM RENTAL PERMITS	900.00	900.00	6,000.00	5,100.00	15.0
10-41-97	SPECIAL EVENTS PERMIT	.00	.00	1,500.00	1,500.00	.0
	TOTAL LICENSES	21,867.78	21,867.78	138,500.00	116,632.22	15.8
	FEE INCOME					
10-42-75	PLANNING & DEVELOPMENT FEES	.00	.00	3,000.00	3,000.00	.0
10-42-80	PLASTIC BAG FEES	1,189.32	1,189.32	6,000.00	4,810.68	19.8
10-42-90	COPIES & FAXES	.00	.00	75.00	75.00	.0
	TOTAL FEE INCOME	1,189.32	1,189.32	9,075.00	7,885.68	13.1
	SOURCE 43					
10-43-10	GRANT REVENUE	.00	.00	100,120.00	100,120.00	.0
	TOTAL SOURCE 43	.00	.00	100,120.00	100,120.00	.0

TOWN OF FAIRPLAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	LAW ENFORCEMENT					
10-45-05	TRAFFIC FINES	.00	.00	9,000.00	9,000.00	.0
10-45-10	SURCHARGE: POLICE TRAINING	.00	.00	1,500.00	1,500.00	.0
10-45-15	COURT COSTS	.00	.00	400.00	400.00	.0
10-45-30	OTHER FINES	.00	.00	400.00	400.00	.0
10-45-90	MISCELLANEOUS	5.00	5.00	1,000.00	995.00	.5
	TOTAL LAW ENFORCEMENT	5.00	5.00	12,300.00	12,295.00	.0
	INTEREST INCOME					
10-46-05	INTEREST ON COLOTRUST	15,236.11	15,236.11	140,000.00	124,763.89	10.9
10-46-30	INTEREST ON CHECKING	26.93	26.93	350.00	323.07	7.7
	TOTAL INTEREST INCOME	15,263.04	15,263.04	140,350.00	125,086.96	10.9
	MISCELLANEOUS INCOME					
10-47-00	MISCELLANEOUS INCOME	.00	.00	10,000.00	10,000.00	.0
10-47-10	CEMETERY	600.00	600.00	300.00	(300.00)	200.0
10-47-38	TOWN CLEAN UP DONATIONS	.00	.00	500.00	500.00	.0
10-47-39	FOURTH OF JULY	.00	.00	7,000.00	7,000.00	.0
10-47-49	STREET LIGHTING	.00	.00	10,800.00	10,800.00	.0
10-47-50	SUMMER CONCERT SERIES	.00	.00	15,000.00	15,000.00	.0
10-47-52	REAL COLORADO CHRISTMAS	.00	.00	500.00	500.00	.0
10-47-56	BURRO DAYS	1,080.00	1,080.00	70,000.00	68,920.00	1.5
10-47-59	RETAIL SALES	2.00	2.00	2,000.00	1,998.00	.1
10-47-62	501 MAIN - RENT & UTILITY	(969.99)	(969.99)	1,500.00	2,469.99	(64.7)
10-47-65	MARDI GRAS	625.00	625.00	15,000.00	14,375.00	4.2
10-47-75	COMMERCIAL FISHING FEES	.00	.00	6,000.00	6,000.00	.0
10-47-82	CAMPING PERMITS/FACILITY USE	.00	.00	700.00	700.00	.0
10-47-88	GRANT - RIVER PARK	.00	.00	750,000.00	750,000.00	.0
10-47-90	MISCELLANEOUS REVENUE-EVENTS	2,036.53	2,036.53	.00	(2,036.53)	.0
10-47-91	TOWN HALL - 901 MAIN	.00	.00	12,397.00	12,397.00	.0
	TOTAL MISCELLANEOUS INCOME	3,373.54	3,373.54	901,697.00	898,323.46	.4
	TOTAL FUND REVENUE	206,980.87	206,980.87	3,678,642.00	3,471,661.13	5.6

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATION					
10-50-02	401(A) EMPLOYER MATCH	731.85	731.85	9,858.00	9,126.15	7.4
10-50-05	SALARIES -ADMIN./CLERK/TREASUR	26,283.86	26,283.86	328,600.00	302,316.14	8.0
10-50-10	EMPLOYEE HEALTH AND WELLNESS	445.71	445.71	7,000.00	6,554.29	6.4
10-50-11	SS/MEDICARE EXPENSE	1,889.42	1,889.42	25,468.00	23,578.58	7.4
10-50-12	UNEMPLOYMENT EXPENSE	49.86	49.86	666.00	616.14	7.5
10-50-13	EMPLOYEE HEALTH INSURANCE	4,853.25	4,853.25	57,804.00	52,950.75	8.4
10-50-14	WORKER'S COMPENSATION	593.71	593.71	789.00	195.29	75.3
10-50-15	EDUCATION	75.00	75.00	10,000.00	9,925.00	.8
10-50-16	ADMIN VEHICLE	4,115.39	4,115.39	6,000.00	1,884.61	68.6
10-50-23	TOWN HALL EXPENSE - UTILITIES	715.64	715.64	8,000.00	7,284.36	9.0
10-50-25	TOWN HALL EXP - REPAIR & MAINT	873.14	873.14	25,000.00	24,126.86	3.5
10-50-27	TOWN HALL EXPENSE - SUPPLIES	134.23	134.23	1,000.00	865.77	13.4
10-50-30	OFFICE SUPPLIES	385.68	385.68	4,000.00	3,614.32	9.6
10-50-32	EQUIPMENT RENTAL	304.35	304.35	7,100.00	6,795.65	4.3
10-50-35	POSTAGE EXPENSE	46.15	46.15	500.00	453.85	9.2
10-50-40	BANK/CREDIT CARD FEES	435.92	435.92	5,500.00	5,064.08	7.9
10-50-50	ELECTION EXPENSE	60.88	60.88	3,000.00	2,939.12	2.0
10-50-55	BOARD OF TRUSTEE SALARY	165.01	165.01	4,320.00	4,154.99	3.8
10-50-57	TOWN ATTY LEGAL SERVICES	1,371.30	1,371.30	30,000.00	28,628.70	4.6
10-50-58	BUILDING OFFICAL CONTRACT	52.50	52.50	26,000.00	25,947.50	.2
10-50-60	COMPUTER/SOFTWARE/SUPPORT	3,361.32	3,361.32	40,000.00	36,638.68	8.4
10-50-65	TELEPHONE/INTERNET	653.68	653.68	12,000.00	11,346.32	5.5
10-50-70	MISCELLANEOUS EXPENSE	8,149.01	8,149.01	20,000.00	11,850.99	40.8
10-50-75	CODIFICATION	1,157.10	1,157.10	20,000.00	18,842.90	5.8
10-50-76	ESTIP AGREEMENT	.00	.00	20,000.00	20,000.00	.0
	TOTAL ADMINISTRATION	56,903.96	56,903.96	672,605.00	615,701.04	8.5

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	COMMUNITY DEVELOPMENT					
10-51-05	PROFESSIONAL FEES	981.81	981.81	80,000.00	79,018.19	1.2
10-51-07	PROFESSIONAL FEES-BILL BACK	1,392.00	1,392.00	.00	(1,392.00)	.0
10-51-10	EDUCATION/BENEVOLENCE (BOT)	11,903.39	11,903.39	15,000.00	3,096.61	79.4
10-51-20	VISITOR CENTER	.00	.00	5,000.00	5,000.00	.0
10-51-30	ADVERTISING AND MARKETING	572.55	572.55	15,000.00	14,427.45	3.8
10-51-34	TOWN BEAUTIFICATION	8,443.19	8,443.19	15,000.00	6,556.81	56.3
10-51-35	TOWN CLEAN UP	.00	.00	15,000.00	15,000.00	.0
10-51-40	DUES AND MEMBERSHIPS	622.00	622.00	5,000.00	4,378.00	12.4
10-51-45	WORKFORCE HOUSING	.00	.00	100,000.00	100,000.00	.0
10-51-50	TGIFAIRPLAY EXPENSE	250.00	250.00	25,000.00	24,750.00	1.0
10-51-62	BURRO DAYS	258.25	258.25	100,000.00	99,741.75	.3
10-51-66	MARDI GRAS	3,873.34	3,873.34	15,000.00	11,126.66	25.8
10-51-70	MISCELLANEOUS EVENTS	.00	.00	5,000.00	5,000.00	.0
10-51-71	FIREWORKS/4TH OF JULY	.00	.00	35,000.00	35,000.00	.0
10-51-74	REAL COLORADO CHRISTMAS	1,242.37	1,242.37	3,000.00	1,757.63	41.4
10-51-75	DONATIONS	.00	.00	10,000.00	10,000.00	.0
10-51-76	EMERGENCY SUPPLIES	.00	.00	3,000.00	3,000.00	.0
10-51-80	FAIRPLAY FORWARD	.00	.00	10,000.00	10,000.00	.0
10-51-85	PROPERTY IMPROVEMENT INCENTIV	.00	.00	20,000.00	20,000.00	.0
10-51-95	501 MAIN STREET	972.45	972.45	25,000.00	24,027.55	3.9
10-51-96	501 MAIN STREET REMODEL	.00	.00	400,000.00	400,000.00	.0
	TOTAL COMMUNITY DEVELOPMENT	30,511.35	30,511.35	901,000.00	870,488.65	3.4
	TRANSIT					
10-52-05	SALARIES	(68.46)	(68.46)	60,000.00	60,068.46	(.1)
10-52-11	SS/MEDICARE EXPENSE	.00	.00	5,000.00	5,000.00	.0
10-52-12	UNEMPLOYMENT EXPENSE	.00	.00	120.00	120.00	.0
10-52-14	WORKERS COMPENSATION	.00	.00	1,000.00	1,000.00	.0
10-52-15	DRIVER TRAINING/PHYSICALS	.00	.00	2,000.00	2,000.00	.0
10-52-30	OFFICE SUPPLIES	.00	.00	1,000.00	1,000.00	.0
10-52-35	INSURANCE	.00	.00	5,000.00	5,000.00	.0
10-52-40	OPERATING SUPPLIES	.00	.00	1,000.00	1,000.00	.0
10-52-45	MISCELLANEOUS	.00	.00	2,500.00	2,500.00	.0
10-52-50	TELEPHONE	17.30	17.30	1,000.00	982.70	1.7
10-52-55	UTILITIES	.00	.00	1,500.00	1,500.00	.0
10-52-60	VEHICLE MAINTENANCE	.00	.00	10,000.00	10,000.00	.0
10-52-70	FUEL	.00	.00	10,000.00	10,000.00	.0
10-52-75	SUMMIT STAGE FUNDING	.00	.00	18,000.00	18,000.00	.0
	TOTAL TRANSIT	(51.16)	(51.16)	118,120.00	118,171.16	.0

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	JUDICIAL SYSTEM					
10-53-02	401(A) EMPLOYER MATCH	13.92	13.92	156.00	142.08	8.9
10-53-05	MUNICIPAL JUDGE SALARY	773.80	773.80	9,500.00	8,726.20	8.2
10-53-10	COURT CLERK	464.07	464.07	5,200.00	4,735.93	8.9
10-53-11	SS/MEDICARE EXPENSE	94.70	94.70	1,125.00	1,030.30	8.4
10-53-12	UNEMPLOYMENT EXPENSE	2.48	2.48	29.00	26.52	8.6
10-53-13	EMPLOYEE HEALTH INSURANCE	95.39	95.39	1,145.00	1,049.61	8.3
10-53-14	WORKER'S COMPENSATION	197.91	197.91	37.00	(160.91)	534.9
10-53-20	COURT ATTORNEY	.00	.00	500.00	500.00	.0
10-53-30	EDUCATION	.00	.00	500.00	500.00	.0
10-53-40	OPERATING EXPENSE	.00	.00	250.00	250.00	.0
10-53-50	DUES AND MEMBERSHIPS	.00	.00	50.00	50.00	.0
	TOTAL JUDICIAL SYSTEM	1,642.27	1,642.27	18,492.00	16,849.73	8.9
	PUBLIC SAFETY					
10-54-01	POLICE SALARIES	31,924.82	31,924.82	622,098.00	590,173.18	5.1
10-54-04	PART TIME OFFICERS	.00	.00	15,000.00	15,000.00	.0
10-54-05	PENSION CONTRIBUTION	3,618.46	3,618.46	84,605.00	80,986.54	4.3
10-54-10	UNIFORMS AND ACCESSORIES	760.40	760.40	8,000.00	7,239.60	9.5
10-54-11	SS/MEDICARE EXPENSE	1,248.80	1,248.80	10,168.00	8,919.20	12.3
10-54-12	UNEMPLOYMENT EXPENSE	55.38	55.38	1,274.00	1,218.62	4.4
10-54-13	EMPLOYEE HEALTH INSURANCE	9,631.05	9,631.05	169,126.00	159,494.95	5.7
10-54-14	WORKER'S COMPENSATION	10,291.04	10,291.04	23,000.00	12,708.96	44.7
10-54-15	FUEL	871.24	871.24	25,000.00	24,128.76	3.5
10-54-20	VEHICLE MAINTENANCE	2.00	2.00	15,000.00	14,998.00	.0
10-54-24	PROFESSIONAL TRAINING EXPENSE	2,000.00	2,000.00	5,000.00	3,000.00	40.0
10-54-26	IN-SERVICE TRAINING EXPENSE	.00	.00	500.00	500.00	.0
10-54-28	VEHICLE RENTAL PAYMENT	55,609.26	55,609.26	50,811.00	(4,798.26)	109.4
10-54-30	RADAR & RADIO MAINTENANCE	.00	.00	2,500.00	2,500.00	.0
10-54-32	AMMUNITION	.00	.00	600.00	600.00	.0
10-54-45	OPERATING SUPPLIES	1,003.26	1,003.26	2,000.00	996.74	50.2
10-54-50	EQUIPMENT EXPENSE	1,126.80	1,126.80	30,000.00	28,873.20	3.8
10-54-55	TELEPHONE - POLICE LINE	689.28	689.28	10,000.00	9,310.72	6.9
10-54-60	MEMBERSHIPS - DUES	.00	.00	600.00	600.00	.0
10-54-65	COMPUTER/SOFTWARE/SUPPORT	38,737.80	38,737.80	55,000.00	16,262.20	70.4
10-54-75	INVESTIGATIVE SERVICES	(129.81)	(129.81)	2,500.00	2,629.81	(5.2)
10-54-78	MISCELLANEOUS	4,000.00	4,000.00	30,000.00	26,000.00	13.3
10-54-80	OFFICER RECRUITING	6,031.00	6,031.00	15,000.00	8,969.00	40.2
10-54-87	LIABILITY INSURANCE	18,499.86	18,499.86	15,857.00	(2,642.86)	116.7
10-54-97	PUBLIC RELATIONS	.00	.00	5,000.00	5,000.00	.0
	TOTAL PUBLIC SAFETY	185,970.64	185,970.64	1,198,639.00	1,012,668.36	15.5

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PUBLIC WORKS					
10-56-01	SALARIES	18,852.74	18,852.74	195,175.00	176,322.26	9.7
10-56-02	401(A) EMPLOYER MATCH	437.27	437.27	5,855.00	5,417.73	7.5
10-56-10	SEASONAL WAGES	.00	.00	45,000.00	45,000.00	.0
10-56-11	SS/MEDICARE EXPENSE	843.58	843.58	16,078.00	15,234.42	5.3
10-56-12	UNEMPLOYMENT EXPENSE	18.47	18.47	420.00	401.53	4.4
10-56-13	EMPLOYEE HEALTH INSURANCE	3,641.17	3,641.17	64,680.00	61,038.83	5.6
10-56-14	WORKER'S COMPENSATION	5,937.14	5,937.14	6,248.00	310.86	95.0
10-56-15	FUEL	871.24	871.24	7,000.00	6,128.76	12.5
10-56-25	REPAIRS & MAINT - EQUIPMENT	85.09	85.09	15,000.00	14,914.91	.6
10-56-30	TOOLS, MAT'LS, & SUPPLIES	.00	.00	5,000.00	5,000.00	.0
10-56-35	EDUCATION & TRAINING	.00	.00	2,000.00	2,000.00	.0
10-56-40	ELECTRIC STREET LIGHTS & SIGNS	1,109.13	1,109.13	13,000.00	11,890.87	8.5
10-56-45	TELEPHONE/COMPUTER	1,919.63	1,919.63	8,000.00	6,080.37	24.0
10-56-50	MAINTENANCE BUILDING - UTILITY	1,463.93	1,463.93	11,000.00	9,536.07	13.3
10-56-55	MAPPING	728.25	728.25	10,000.00	9,271.75	7.3
10-56-60	VEHICLE RENTAL PAYMENT	5,302.18	5,302.18	62,885.00	57,582.82	8.4
10-56-70	STREET REPAIRS	6,454.25	6,454.25	300,000.00	293,545.75	2.2
10-56-80	UNIFORMS AND SAFETY EQUIPMENT	217.29	217.29	2,000.00	1,782.71	10.9
10-56-82	TOWN SHOP BUILDING REPAIRS	390.50	390.50	2,000.00	1,609.50	19.5
10-56-90	EQUIPMENT	.00	.00	50,000.00	50,000.00	.0
	TOTAL PUBLIC WORKS	48,271.86	48,271.86	821,341.00	773,069.14	5.9
	PARKS & RECREATION					
10-58-30	TOOLS, MATERIALS, & SUPPLIES	.00	.00	7,500.00	7,500.00	.0
10-58-41	PARKS UTILITIES	30.42	30.42	500.00	469.58	6.1
10-58-42	VAULT RESTROOMS MAINTENANCE	.00	.00	7,000.00	7,000.00	.0
10-58-50	CEMETERY EXPENSE	.00	.00	1,000.00	1,000.00	.0
10-58-83	COHEN PARK PROJECT	.00	.00	40,000.00	40,000.00	.0
10-58-86	FAIRPLAY RIVER PARK	.00	.00	1,000,000.00	1,000,000.00	.0
10-58-87	BURRO PARK	.00	.00	10,000.00	10,000.00	.0
	TOTAL PARKS & RECREATION	30.42	30.42	1,066,000.00	1,065,969.58	.0
	NON-DEPARTMENTAL EXPENDITURE					
10-61-15	LIABILITY INSURANCE	22,315.46	22,315.46	22,096.00	(219.46)	101.0
10-61-17	AUDIT FEES	.00	.00	4,775.00	4,775.00	.0
10-61-23	TREASURER'S FEES - MILL LEVY	.00	.00	6,000.00	6,000.00	.0
10-61-25	PUBLISHING EXPENSE	66.04	66.04	1,800.00	1,733.96	3.7
10-61-30	DUES & MEMBERSHIPS	12,844.00	12,844.00	6,000.00	(6,844.00)	214.1
10-61-60	ABATEMENT	.00	.00	2,000.00	2,000.00	.0
	TOTAL NON-DEPARTMENTAL EXPEND	35,225.50	35,225.50	42,671.00	7,445.50	82.6

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	358,504.84	358,504.84	4,838,868.00	4,480,363.16	7.4
NET REVENUE OVER EXPENDITURES	(151,523.97)	(151,523.97)	(1,160,226.00)	(1,008,702.03)	(13.1)

TOWN OF FAIRPLAY
BALANCE SHEET
JANUARY 31, 2024

CONSERVATION TRUST FUND

	ASSETS			
20-0100	CASH IN COMBINED CASH FUND		29,511.35	
20-1003	CSAFE SAVINGS		1,928.26	
	TOTAL ASSETS			31,439.61
	LIABILITIES AND EQUITY			
	FUND EQUITY			
	UNAPPROPRIATED FUND BALANCE:			
20-3100	FUND BALANCE-BEGINNING OF YEAR	31,430.62		
	REVENUE OVER EXPENDITURES - YTD	8.99		
	BALANCE - CURRENT DATE		31,439.61	
	TOTAL FUND EQUITY			31,439.61
	TOTAL LIABILITIES AND EQUITY			31,439.61

TOWN OF FAIRPLAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

CONSERVATION TRUST FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	INTERGOVERNMENTAL REVENUES					
20-44-10	COLORADO LOTTERY FUNDS	.00	.00	4,500.00	4,500.00	.0
	TOTAL INTERGOVERNMENTAL REVE	.00	.00	4,500.00	4,500.00	.0
	INTEREST INCOME					
20-46-50	INTEREST INCOME SAVINGS	.00	.00	50.00	50.00	.0
20-46-60	CSAFE INTEREST INCOME	8.99	8.99	.00	(8.99)	.0
	TOTAL INTEREST INCOME	8.99	8.99	50.00	41.01	18.0
	TOTAL FUND REVENUE	8.99	8.99	4,550.00	4,541.01	.2
	NET REVENUE OVER EXPENDITURES	8.99	8.99	4,550.00	4,541.01	.2

TOWN OF FAIRPLAY
BALANCE SHEET
JANUARY 31, 2024

INTERNAL SERVICE FUND

	ASSETS			
32-0100	CASH ALLOCATED TO OTHER FUNDS		152,733.81	
32-1630	EQUIPMENT		521,081.93	
32-1631	ACCUMULATED DEPRECIATION		(120,127.76)	
	TOTAL ASSETS			553,687.98
	LIABILITIES AND EQUITY			
	FUND EQUITY			
	UNAPPROPRIATED FUND BALANCE:			
32-3100	FUND BALANCE-BEGINNING OF YEAR	543,316.54		
	REVENUE OVER EXPENDITURES - YTD	10,371.44		
	BALANCE - CURRENT DATE		553,687.98	
	TOTAL FUND EQUITY			553,687.98
	TOTAL LIABILITIES AND EQUITY			553,687.98

TOWN OF FAIRPLAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

INTERNAL SERVICE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	REVENUE					
32-47-20	DEPT RENTAL PAYMENTS	10,371.44	10,371.44	136,145.00	125,773.56	7.6
32-47-30	SALE OF VEHICLE/EQUIPMENT	.00	.00	6,000.00	6,000.00	.0
	TOTAL REVENUE	10,371.44	10,371.44	142,145.00	131,773.56	7.3
	TOTAL FUND REVENUE	10,371.44	10,371.44	142,145.00	131,773.56	7.3

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

INTERNAL SERVICE FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EXPENDITURES					
32-58-10	POLICE VEHICLES	.00	.00	225,000.00	225,000.00	.0
	TOTAL EXPENDITURES	.00	.00	225,000.00	225,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	225,000.00	225,000.00	.0
	NET REVENUE OVER EXPENDITURES	10,371.44	10,371.44	(82,855.00)	(93,226.44)	12.5

TOWN OF FAIRPLAY
BALANCE SHEET
JANUARY 31, 2024

FAIRPLAY UTILITY ENTERPRISE

	ASSETS			
51-0100	CASH IN COMBINED CASH FUND		240,573.10	
51-1003	COLOTRUST - SAVINGS ACCT		1,409,450.95	
51-1004	ZIONS BANK - LOAN RESERVE		347,180.12	
51-1005	CSAFE - SAVINGS ACCT		26,633.99	
51-1017	UTILITY CASH CLEARING ACCOUNT		(183,364.77)	
51-1310	ACCTS REC - UTILITY BILLINGS		94,106.25	
51-1605	LAND		75,739.60	
51-1610	TRANSMISSION LINES		2,307,114.20	
51-1615	WATER TREATMENT PLANT		1,022,484.42	
51-1620	MACHINERY & EQUIPMENT		137,108.59	
51-1621	DEPRECIATION-MACH & EQUIP		(3,361,031.35)	
51-1630	GALLERY SYSTEM		604,408.52	
51-1635	FIRE HYDRANTS		58,877.68	
51-1640	BUILDINGS AND STRUCTURES		141,449.60	
51-1645	COMPUTER SOFTWARE		157,966.64	
51-1650	DITCH/DRAINAGE IMPROVEMENTS		52,821.84	
51-1655	CONSTRUCTION IN PROGRESS		138,122.64	
51-1805	LAND & LAND RIGHTS		62,372.98	
51-1810	LINE IMPROVEMENTS		1,055,518.20	
51-1815	TREATMENT PLANT		3,646,973.43	
51-1830	BUILDINGS & IMPROVEMENTS		112,188.95	
51-1840	EQUIPMENT		248,514.86	
	TOTAL ASSETS			8,395,210.44
	LIABILITIES AND EQUITY			
	LIABILITIES			
51-2001	ACCRUED SALARIES PAYABLE		2,925.04	
51-2200	ACCRUED INTEREST PAYABLE		3,807.28	
51-2300	ACCRUED COMPENSATED ABSENCES		10,315.51	
51-2800	BOND PAYABLE		2,681,600.00	
51-2999	CONTRIBUTION FROM FSD		2,735,766.27	
	TOTAL LIABILITIES			5,434,414.10
	FUND EQUITY			
	UNAPPROPRIATED FUND BALANCE:			
51-3100	RETAINED EARNINGS	3,183,399.92		
	REVENUE OVER EXPENDITURES - YTD	(222,603.58)		
	BALANCE - CURRENT DATE		2,960,796.34	
	TOTAL FUND EQUITY			2,960,796.34
	TOTAL LIABILITIES AND EQUITY			8,395,210.44

TOWN OF FAIRPLAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

FAIRPLAY UTILITY ENTERPRISE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	WATER REVENUE					
51-42-05	POTABLE WATER	114.00	114.00	400,000.00	399,886.00	.0
51-42-20	LIEN REVENUE	.00	.00	4,000.00	4,000.00	.0
51-42-32	WATER FACILITY MAINTENANCE FEE	.00	.00	487.00	487.00	.0
51-42-34	WATER METERS, PRV, PARTS	.00	.00	1,000.00	1,000.00	.0
51-42-36	PENALTY NON-COMPLIANCE	.00	.00	440.00	440.00	.0
51-42-40	PLANT INVESTMENT FEES	.00	.00	133,000.00	133,000.00	.0
51-42-60	OTHER WATER REVENUE	(123,937.00)	(123,937.00)	445,000.00	568,937.00	(27.9)
	TOTAL WATER REVENUE	(123,823.00)	(123,823.00)	983,927.00	1,107,750.00	(12.6)
	WASTEWATER REVENUE					
51-46-05	WW USER FEES	.00	.00	692,402.00	692,402.00	.0
51-46-30	LIEN REVENUE - INTEREST	.00	.00	100.00	100.00	.0
51-46-40	PLANT INVESTMENT FEES	.00	.00	116,914.00	116,914.00	.0
51-46-60	OTHER WASTEWATER REVENUE	.00	.00	100.00	100.00	.0
	TOTAL WASTEWATER REVENUE	.00	.00	809,516.00	809,516.00	.0
	INTEREST/FEE REVENUE					
51-48-10	INTEREST ON INVESTMENTS	6,616.58	6,616.58	50,000.00	43,383.42	13.2
51-48-30	LATE FEES	.00	.00	8,000.00	8,000.00	.0
	TOTAL INTEREST/FEE REVENUE	6,616.58	6,616.58	58,000.00	51,383.42	11.4
	TOTAL FUND REVENUE	(117,206.42)	(117,206.42)	1,851,443.00	1,968,649.42	(6.3)

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

FAIRPLAY UTILITY ENTERPRISE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	EMPLOYEE EXENSES					
51-70-01	SALARIES	16,047.03	16,047.03	132,525.00	116,477.97	12.1
51-70-02	401A EMPLOYER MATCH	353.48	353.48	3,976.00	3,622.52	8.9
51-70-10	EMPLOYEE HEALTH AND WELLNESS	.00	.00	3,000.00	3,000.00	.0
51-70-11	SS/MEDICARE EXPENSE	1,170.89	1,170.89	10,358.00	9,187.11	11.3
51-70-12	UNEMPLOYMENT EXPENSE	20.13	20.13	271.00	250.87	7.4
51-70-13	EMPLOYMENT HEALTH INSURANCE	2,077.03	2,077.03	32,385.00	30,307.97	6.4
51-70-14	WORKER'S COMPENSATION	2,770.67	2,770.67	2,148.00	(622.67)	129.0
51-70-15	BOARD OF TRUSTEE SALARIES	60.00	60.00	2,880.00	2,820.00	2.1
	TOTAL EMPLOYEE EXENSES	22,499.23	22,499.23	187,543.00	165,043.77	12.0
	OFFICE/GENERAL EXPENSE					
51-72-02	BANK/CREDIT CARD FEES	342.34	342.34	5,000.00	4,657.66	6.9
51-72-06	COMPUTER/SOFTWARE/SUPPORT-O	2,180.96	2,180.96	20,000.00	17,819.04	10.9
51-72-10	MISCELLANEOUS	.00	.00	1,400.00	1,400.00	.0
51-72-14	OFFICE SUPPLIES	25.00	25.00	2,500.00	2,475.00	1.0
51-72-18	POSTAGE EXPENSE	276.40	276.40	4,000.00	3,723.60	6.9
51-72-22	PUBLISHING EXPENSE	.00	.00	200.00	200.00	.0
51-72-26	TELEPHONE/INTERNET EXPENSE	427.17	427.17	4,000.00	3,572.83	10.7
51-72-30	TOWN HALL RENTAL PAYMENT	.00	.00	12,397.00	12,397.00	.0
51-72-34	UTILITIES-OFFICE	362.24	362.24	2,500.00	2,137.76	14.5
51-72-38	VEHICLE/EQUIP RENTAL TO ISF	1,935.00	1,935.00	22,449.00	20,514.00	8.6
51-72-42	VEHICLE MAINTENANCE/REPAIR	.00	.00	2,500.00	2,500.00	.0
51-72-44	FUEL	871.25	871.25	9,000.00	8,128.75	9.7
51-72-45	UNIFORMS AND SAFETY EQUIPMENT	.00	.00	1,000.00	1,000.00	.0
51-72-60	REPAIR & MAINT - OFFICE BLDG	103.90	103.90	3,000.00	2,896.10	3.5
	TOTAL OFFICE/GENERAL EXPENSE	6,524.26	6,524.26	89,946.00	83,421.74	7.3
	CONTRACTUAL FEES					
51-73-20	AUDITOR FEES	.00	.00	4,775.00	4,775.00	.0
51-73-40	INSURANCE-PROPERTY/LIABILITY	15,794.14	15,794.14	14,731.00	(1,063.14)	107.2
51-73-50	PROFESSIONAL FEES	8,871.00	8,871.00	.00	(8,871.00)	.0
51-73-60	LEGAL FEES	.00	.00	5,000.00	5,000.00	.0
51-73-70	TREASURER FEES	.00	.00	1,000.00	1,000.00	.0
	TOTAL CONTRACTUAL FEES	24,665.14	24,665.14	25,506.00	840.86	96.7

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

FAIRPLAY UTILITY ENTERPRISE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	WATER - PLANT & EQUIPMENT					
51-74-15	COMPUTER EXPENSE-WATER SYSTE	.00	.00	5,000.00	5,000.00	.0
51-74-17	CONTRACT PLANT OPERATOR	4,500.00	4,500.00	54,000.00	49,500.00	8.3
51-74-20	DITCH MAINTENANCE	.00	.00	500.00	500.00	.0
51-74-25	EDUCATION	915.00	915.00	5,000.00	4,085.00	18.3
51-74-30	INFILLTRATION GALLERY PROJECT	2,945.17	2,945.17	445,000.00	442,054.83	.7
51-74-32	ENGINEERING FEES	5,580.00	5,580.00	15,000.00	9,420.00	37.2
51-74-40	HASP MEMBERSHIP DUES	300.00	300.00	2,500.00	2,200.00	12.0
51-74-45	LEAKS AND REPAIRS	.00	.00	150,000.00	150,000.00	.0
51-74-50	MISCELLANEOUS	.00	.00	1,000.00	1,000.00	.0
51-74-55	PERMITS/DUES/LOCATES	194.53	194.53	1,500.00	1,305.47	13.0
51-74-65	REPAIR & MAINTENANCE-EQUIP	.00	.00	10,000.00	10,000.00	.0
51-74-70	UTILITIES	138.89	138.89	3,000.00	2,861.11	4.6
51-74-75	TESTING CHEMICALS AND SUPPLIES	2,268.90	2,268.90	5,000.00	2,731.10	45.4
51-74-80	TOOLS AND SUPPLIES	.00	.00	8,000.00	8,000.00	.0
51-74-85	WATER METERS	16,894.87	16,894.87	10,000.00	(6,894.87)	169.0
51-74-90	WATER TANKS	.00	.00	10,000.00	10,000.00	.0
51-74-95	WATER TREATMENT PLANT	.00	.00	25,000.00	25,000.00	.0
	TOTAL WATER - PLANT & EQUIPMENT	33,737.36	33,737.36	750,500.00	716,762.64	4.5
	WASTEWATER-PLANT & EQUIPMENT					
51-76-10	CAPITAL EXPENDITURES	.00	.00	100,000.00	100,000.00	.0
51-76-20	COLLECTION SYSTEM MAINTENANC	3,500.00	3,500.00	12,000.00	8,500.00	29.2
51-76-25	COMPUTER EXPENSE-WW SYSTEM	.00	.00	8,000.00	8,000.00	.0
51-76-27	CONTRACT - ORC	5,000.00	5,000.00	60,000.00	55,000.00	8.3
51-76-30	EDUCATION	.00	.00	5,000.00	5,000.00	.0
51-76-35	ENGINEERING FEES	.00	.00	5,000.00	5,000.00	.0
51-76-36	LIFT STATION	.00	.00	5,000.00	5,000.00	.0
51-76-45	MISCELLANEOUS	390.50	390.50	.00	(390.50)	.0
51-76-50	PERMITS/DUES/LOCATES	19.35	19.35	4,300.00	4,280.65	.5
51-76-55	REPAIRS AND MAINTENANCE-EQUIP	.00	.00	40,000.00	40,000.00	.0
51-76-60	SLUDGE REMOVAL/DISPOSAL	.00	.00	125,000.00	125,000.00	.0
51-76-65	TESTING CHEMICALS AND SUPPLIES	403.00	403.00	8,000.00	7,597.00	5.0
51-76-70	TOOLS AND SUPPLIES	1,674.15	1,674.15	2,000.00	325.85	83.7
51-76-75	TRASH	86.00	86.00	1,500.00	1,414.00	5.7
51-76-80	UTILITIES-PLANT	6,898.17	6,898.17	75,000.00	68,101.83	9.2
	TOTAL WASTEWATER-PLANT & EQUIP	17,971.17	17,971.17	450,800.00	432,828.83	4.0
	DEBT SERVICE					
51-80-02	LOAN PRINCIPAL	.00	.00	238,400.00	238,400.00	.0
51-80-04	LOAN INTEREST	.00	.00	79,154.00	79,154.00	.0
51-80-06	LOAN PRINCIPAL-WATER PLANT	.00	.00	5,238.00	5,238.00	.0
51-80-08	LOAN INTEREST-WATER PLANT	.00	.00	4,054.00	4,054.00	.0
	TOTAL DEBT SERVICE	.00	.00	326,846.00	326,846.00	.0

TOWN OF FAIRPLAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 1 MONTHS ENDING JANUARY 31, 2024

FAIRPLAY UTILITY ENTERPRISE

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	105,397.16	105,397.16	1,831,141.00	1,725,743.84	5.8
NET REVENUE OVER EXPENDITURES	(222,603.58)	(222,603.58)	20,302.00	242,905.58	(1096.

Town of Fairplay
901 Main Street • P.O. Box 267
Fairplay, Colorado 80440
(719) 836-2622
www.fairplayco.us

MEMO

Date: March 14, 2024
To: Town of Fairplay, Mayor Just & Board of Trustees
From: Julie Bullock, Special Events Coordinator
Re: 2024 Burro Days Progress Report

Staff is excited to be celebrating 75 years of Burro Days this year and personally my 20th year of coordinating this event! Please note many plans are being made for this year and decisions are pending for several items. Suggestions are always welcome.

Some ideas that are a work in progress for this year's celebration include but are not limited to the following:

- 75th Anniversary Painting – lithograph prints will be made and sold. This will be artsy without the schedule of events on it. Something people will enjoy framing and putting up in their homes, second homes, Airbnb's and giving as gifts. The poster will be able to be rolled up and easily shipped or packed in a suitcase. We will still have the fun schedule of events poster for distribution and social media.
- Reaching out to television and radio stations for advertising and possible live remote coverage.
- Donkey Dash Duck Race – rubber donkey ducks would be placed in the river at the foot bridge and race to the bridge at Hwy 285. The idea is to kick off Burro Days with this race on Friday morning. This would be run like other duck races you may have seen but ours will be donkey ducks (see photo at end of this document.) We would need a lot of duck wranglers, which means a lot of volunteers to pull this off so staff would like to partner with a non-profit for the volunteers and they would receive a portion or all of the proceeds for helping with this race. Sponsors, package deals, numbering ducks, logistics, prizes, etc. would all need to be discussed.
- 75th Anniversary Merchandise – more merchandise with the 2024 Burro Days design, not painting, but t-shirt design placed on additional items to sell. For example, tote bags, cups, baseball caps, coasters, small burros, beanie, sweatshirts, the list goes on.
- 75th Anniversary Buttons – these will be given to the vendors and volunteers to identify them as such and give them a piece of Burro Days memorabilia. Maybe we will sell these too!
- A fireworks show has been scheduled. It has been discussed but not decided whether it will be Friday night after the concert to kick off Burro Days or Saturday night after the concert, but that concert ends a bit earlier. This is open for discussion.

- A significant amount of music has been added to the entire weekend. A full schedule is not yet available but will be soon.
- New banners to place around Town before the event for advertising purposes.
- Using the CDOT electronic info boards on Hwy 9 and Hwy 285 during the event to warn people of a special event happening. Last year's traffic was crazy.
- Use the new Town shuttle buses to alleviate some of that traffic flow and get people back and forth around town a little bit easier. A portion of the River Park Events site could be used as a parking area with proper signage and shuttles running from that location on a regular schedule.

The list really is endless. I would be interested to hear what other ideas the Board might have?

Vendors
Our vendor spaces are SOLD OUT as of March 11th and a wait list is already formulating. We have 126 spaces plus a few random activities that also go on in the vendor areas such as children's inflatable rides, pony rides, gold panning etc. The Columbine Kids 4-H Club will not be hosting a petting zoo this year, so the staff is looking for an optional activity for that space. In the past 20 years, vendor spaces have not sold out any earlier than May. I think this is a good indicator that Burro Days will be very busy this year. Two more food vendors have been added to our usual 12 in hopes of cutting down on some of the wait times between both the businesses and vendors. The Fairplay Rock, Gem & Jewelry Show will be going on during Burro Days again this year between July 25 – 28 at the River Park Event Site. These events work well together and each event sees a lot of crossover of attendees.

Live Music
The staff is currently booking smaller musical acts for Burro Days but has secured a few larger bands. For the Friday night TGIFairplay concert we have The Long Run, an Eagles Tribute Band. They were here a couple years ago and very well received. On Saturday we are adding more music at the tent. Some smaller acts will perform during the day and then we have the Eric Golden Band, classic country, from 3pm – 5pm and Hazel Miller and the Collective will play from 6pm – 8pm. While there will still be bands at the Gazebo on Saturday and Sunday, staff is looking at not only adding more to the tent on Saturday but even a few on Sunday between the burro races, parade and outhouse race to keep things fun and exciting. Staff believes this will keep people around a little longer to watch more burro racers finish.

Beer/Wine Tent
The beer/wine tent will again be offered on Friday at the concert and throughout the weekend. Staff is currently working with the South Park Chamber of Commerce to see if a partnership for this activity will work into their organization. This partnership would not only be for Burro Days but other Town events as well. As is past practice, this year the tent will still be operated by some Town staff members and many volunteers. Local beer and wine will be served in the tent, but we will not be serving distillery beverages this year. The cost of serving them is a bit more prohibitive, and with their proximity to the event we will encourage those that would like a cocktail to head on over to the distillery or the bars on Front St. By not having this particular libation available, it also helps us to better monitor when patrons cross into our Special Event area with alcohol from an establishment. A special 75th Anniversary edition of a beverage container will be offered during Burro Days. It may be a Silipint, it may not, staff is still researching this item. Silipints have been very well received the past two years though and have sold out in a matter of hours. The first year we ordered 288 and last year we ordered 576.

Kid's Pack Dog Race
As this event continues to grow with the change of venue to the Fairplay Beach, staff will continue to have this event in the same location. Marcia and Mick McMahon of Dog Works Creative K9 Fitness will organize and run the event while Dog Works and High Paw Pet Supplies will sponsor it. There is a possible third sponsor in the works.

Llama Events
Llama events continue to be organized and run by Rocky Mountain Rural Health. Last year they expressed a concern about the continuation of these events due to the lack of llamas available. RMRH is working on this and will update staff as soon as decisions are made.

Parade
We will most certainly continue our parade this year. We had over 30 entries last year and expect many more this year for the 75th celebration. Last year we tried out a new radio frequency sound system and while we had a few hiccups, our sound company was able to work through them and the sound on Front Street was much better than in the past. Staff will use the same sound company and plans are already in the works to ensure our sound is great for Front Street events.

> *Side note*: Staff is excited and thankful to have the help of our expanded Police Department for the parade, the burro race, traffic control, crowd control and fireworks. The number of attendees last year at Burro Days was enormous and staff is confident this year will be the biggest yet!

Outhouse Races
Staff is working on some new ideas to increase participation in the Outhouse Race. We are contemplating throwing out some challenges to other towns, organizations, and businesses. The crowd absolutely loves this event, but over the last few years our number of participants has dwindled, (event started 12 years ago). Does the Board have any suggestions?

Burro Race
The Hand Hotel is very happy to be the "race headquarters" once again for the burro races. Staff has created a survey for burro racers that will help us to understand the needs and changes of burro racing over the past several years so that staff can make the World Championship Pack Burro Race the best burro race in the U.S. The survey will be distributed to burro racers next week and the results will be reviewed to determine what changes might be warranted. After last year's burro health issue, the Town has again secured a certified large animal veterinarian to perform a vet check the morning of the burro race. This is an important change for our burro races and we certainly want to ensure the health of these much-loved animals.

Trash/Toilets
Staff is in the beginning stages of working on a new agreement with Minimal Impact for trash and recycling efforts. Updates will be provided to the Board as more information becomes available. Due to the expected turnout for 2024, and some toilet paper issues last year, staff is ordering more toilets for this year's event.

Burro Museum
The Burro Museum continues to draw the public in. Not only so they can see the old jailhouse but learn more about burro racing. Bill Lee's portrayal of an old pioneer with one of his burros entertains so many people outside of the museum telling stories about prospecting, burro racing and sharing information about Fairplay and the South Park area. This is a great addition to the museum and one that staff plans to continue. The museum is always evolving and continues to delight visitors and locals.

Burro Booth
The Town Administrator has advised that this year the Burro Booth and Burro Museum should be moved to 501 Main Street. Staff understands that the Board is supportive of this, and while there are potential benefits to the move, it is my opinion that there are also potential negatives and would like to discuss this on the 18th.

Volunteers/Staff
Volunteers and staff are essential for Burro Days and with the added celebrations for this year, more will be needed. Please send volunteers my way! We used all Town staff and 108 volunteers last year!

BURRO DAYS FUNDING HISTORY

	A	B	C	D
3	**YEAR**	**AMOUNT REQUESTED**	**AMOUNT FUNDED**	
4	2005	$28,192.00	$10,437.17	
5	2006	$13,307.60	$7,018.00	
6	2007	$18,472.16	$7,604.20	
7	2008	$20,551.91	$7,971.94	
8	2009	$16,038.01	$13,000.01	
9	2010	$20,459.30	$13,154.00	
10	2011	$20,323.86	$16,638.86	
11	2012	$22,740.03	$13,402.00	
12	2013	$16,446.09	$13,517.00	
13	2014	$11,070.46	$12,893.59	
14	2015	$14,722.04	$6,480.45	
15	2016	$6,414.08	$4,000.00	
16	2017	$4,752.06	$5,000.00	
17	2018	$0.00	$0.00	
18	2019	$5,000.00	$5,000.00	
19	2020	COVID no event	COVID no event	
20	2021	2,500.00	$2,500.00	CTE
21	2022	2,500.00	$2,500.00	CTE
22	2023	Pending	Pending	
23	**TOTAL**	**$223,489.60**	**$141,117.22**	
24				
25	Funds distributed to Park County Schools RE-2 from Burro			
26	Days proceeds.			

3/1/2024

Janell Sciacca
Town Administrator / Clerk
Town of Fairplay
901 Main Street
Fairplay, CO 80440

RE: Proposal for Additional Water Distribution Model Services in 2024

Dear Ms. Sciacca:

SGM has prepared the following proposed scope to continue to assist the Town with additional testing and optimization work related to the water distribution model in 2024.

SGM presented an update regarding the water distribution model effort to the Board on February 5, 2024. This presentation answered specific questions pertaining to recommendations as previously discussed at the special work session on January 8, 2024.

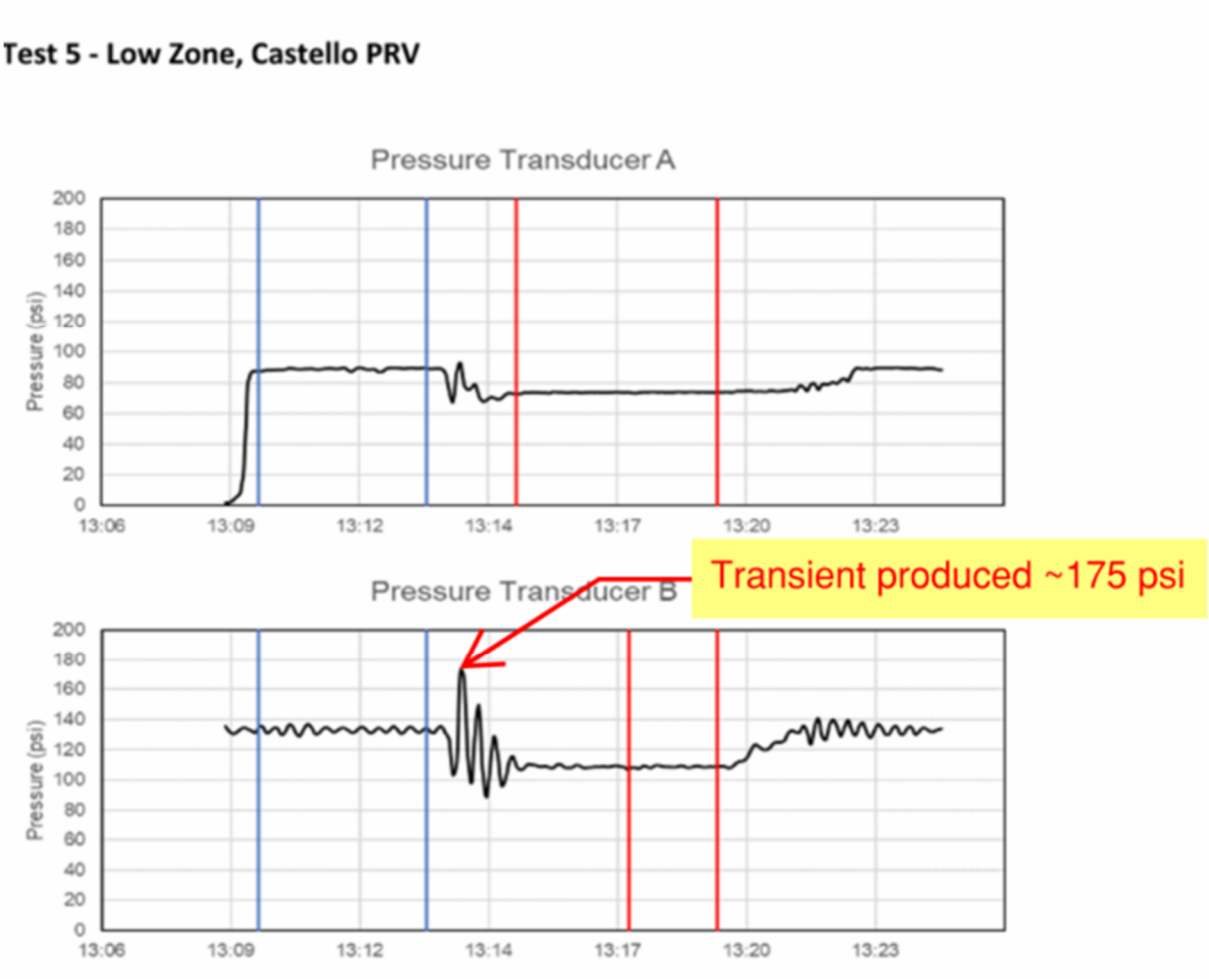
From the recent meeting, SGM understands that the Town desires additional scope to produce recommendations to reduce excessive operating pressures wherever these exist in the Distribution system. Consideration of the addition of pressure reducing valve (PRV) vaults, or the functional relocation of existing PRV vaults, was discussed in that conversation.

SGM has prepared two scope alternatives. The first alternative reflects our recommendation of how we can best work with the Town to efficiently achieve the desired outcome of reducing the occurrence of pressure-related damage. The second alternative is intended to directly align with the request of the Board, with the understanding that actual implementation of related solutions would be on a significantly longer timeline and at a significantly higher cost.

Background

We understand that the Board is concerned about damage to private domestic and commercial plumbing systems that appears to be related to high-pressures. Data analyzed as part of the water distribution model effort indicates that the Town is likely seeing issues related to pressure transients. Transients are caused by any event in the distribution that causes water to start or stop suddenly. The incidence shown below is related to ineffective function of the Castello PRV vault.

Figure 1: Observed Pressure Transient from Calibration Testing



The three PRV vaults in the Fairplay Distribution system are needed to limit excessive pressures in the low zone. The operational configuration and condition of these valves is critical to proper function; improper setpoints or other issues related to performance of these valves will cause pressure transient issues, as were observed to a modest degree when testing downstream of the Castello valve vault. We have proposed a scope that is intended to reduce the occurrence of pressure-transient related damage by improving the function of the existing PRV vaults. We see these PRV vault improvements as the most practical next step in addressing the pressure-related issues.

The second scope alternate addresses the Board's request to consider solutions that would reduce the presence of high static pressures across the distribution system. This scope item involves evaluating model scenarios that would address these concerns by functionally relocating existing PRV vaults and/or installing a new tank to serve the main pressure zone.

The system static pressures generally range from 60 – 130 psi. AWWA Standard G-200, "Distribution System Operation and Management" identified a threshold of 80 psi, above which caution and additional management strategies are advised. Static pressures exceeding 80 psi are relatively common in mountain communities. Other communities typically manage high pressures by requiring domestic PRVs

as part of the typical water service entrance assembly. Domestic PRVs are required by the international plumbing code under these conditions. The Town of Fairplay Rules and Regulations should be updated to require domestic PRV devices per the plumbing code requirement. Expanding the requirement to include all water services should be considered.

We appreciate the Board's consideration of the following two scope alternatives.

Alternative 1

PRV Improvements

We will work with the town to design and specify necessary updates to the pressure reducing valves. This will include the addition of pilot system speed controls, pilot strainers, and a pressure relief valve at the Castello PRV location. SGM will coordinate with a certified vendor to assist the Town with the materials and labor required to install these improvements. The town will pay the vendor directly. The PRV valves should be reconfigured to the recommended pressure setpoints as described in the Distribution Model Report. Discussions with Pipestone Equipment have indicated have suggested that the scope of necessary service work is likely in the range of $5-$6k. Note that this estimate does not include the addition of the pressure relief valve, as additional design work will be performed as part of Alternative 1 to further characterize that scope. Capital improvements related to the pressure relief valve are preliminarily estimated at $25k. Alternatives for pressure monitoring and alarming will be further discussed with the Town, and these aspects will influence the cost of improvements. Assistance will be required from Town operations staff to facilitate access to the vaults and close/open isolation valves.

Additional Field Testing and Model Updates

Following the completion of these improvements, SGM will coordinate with Town staff to perform one additional day of on-site verification testing using the same testing equipment as used for the initial model calibration effort. This is generally intended to consist of four tests: below Heights BPS for download PRV verification, below Front St. PRV vault for revised setpoint verification, below Castello PRV vault for revised setpoint verification, and near Beaver Lane for additional calibration. Data will be collected from this effort and processed in the same manner as used for the initial model calibration.

SGM will perform model updates related to the additional data and issue an addendum to the water model to summarize the impact of these changes. The proposal includes one additional virtual meeting with Town staff to discuss the revised findings.

Peak Demand Revisions

SCADA data related to peak annual water production was requested during the model development phase but not received. With approval of the Town, SGM will coordinate with the Town's integrator to have the integrator export the necessary data set from the Town's SCADA database. Fees incurred by the integrator are not included in this scope and fee proposal. Following receipt, SGM will process this data and update the related model demand scenario, which is critical to fire flow analysis.

Alternative 2

Model Capital Improvements for Reduced Static Pressure

This item will directly address the item as requested by the Town board for evaluation of capital improvements that would reduce the occurrence of static pressures across the main pressure zone. Further consideration has resulted in two logical approaches to accomplish this:

1. Site a new tank near Beaver Creek Rd. at an appropriate elevation to limit static pressures in the main pressure zone to near 80 psi.
2. Relocate both the Castello and Dollar General PRV vaults to limit pressures exceeding 80 psi in the east portion of the main zone.

A third scenario will be evaluated representing a hybrid of the two approaches. The addition of a PRV vault on Beaver Lane or Beaver Creek Road will not be further considered as it would result in a series of PRVs which would complicate system operations and significantly increase the risk of pressure transient events as related to delay in reaction between downstream and upstream valves.

The tank siting, as described in item #1, will be conceptual level only. Property acquisition aspects will not be considered at this point. All scenarios considered under this alternative will create some reduction in available fire flow across the main and low zones. The constructed cost of improvements related to this alternative are on the order of 10's of millions of dollars.

Schedule and Fee

SGM is ready to proceed with coordination with the integrator for the additional SCADA data upon approval from the Town for Alternative 1. Design related to the pressure relief valve will begin upon the receipt of an executed contract. PRV vault improvements can be performed when above-freezing conditions prevail in the spring. Flow testing will again involve flowing hydrants, and will be scheduled with Town staff after the PRV vault improvements are completed. One additional virtual meeting is planned respective to each alternative to present the findings of the work to the Board or staff.

Alternative 1

SGM proposes an estimated fee of $16,000 for scope of services as described for Alternative 1. This will be billed on a time and materials basis.

Alternative 2

SGM proposes an estimated fee of $12,700 for scope of services as described for Alternative 2. This will be billed on a time and materials basis.

The two alternatives are estimated exclusively, and therefore can be performed individually or together with no change in the respective fees.

As always, the SGM team is happy to answer any questions regarding this proposal, and perform any revisions, if desired. We look forward to continuing to serve the Town in this effort.

Sincerely,

Rob Ringle, PE

Senior Engineer I

Proposal for Town of Fairplay

Proposal for additional water model services

Professional Services Estimate

1-Mar-24

TASK #	TASK & DESCRIPTION	COST PER HOUR	Task Manhours	TOTAL COST BY TASK
1.10	**Hourly Demand Updates**		0	$0
1.11	Coord. w/ Integrator		2	$380
1.12	Data Processing and Model Updates		6	$1,140
	TOTAL MH			**8**
	TOTAL COST PER POSITION			**$1,520**
1.20	**Field Testing**			
1.21	Testing Prep		5	$888
1.22	1 day add. Field testing		24	$4,188
			0	$0
			0	$0
			0	$0
	TOTAL MH			**29**
	TOTAL COST PER POSITION			**$5,076**
1.30	**Data Processing, Model Updates, Relief Valve Design**			
1.31	Data Processing		6	$1,078
1.32	Model Updates (field testing)		8	$1,520
1.33	Model Updates (other staff questions / requests)		6	$1,140
1.34	Draft Report Revisions		4	$760
1.35	Relief Valve Design		13	$2,160
1.36	Virtual Meeting w/ Staff to Discuss findings and design		4	$698
			0	$0
			0	$0
			0	$0
	TOTAL MH			**41**
	TOTAL COST PER POSITION			**$7,356**
	TOTAL MH			**0**
	TOTAL COST PER POSITION			**$0**
3.00	**Project Management and Coordination**			
3.01	Budget and task completion cover letter (assume 3 invoice cycle)		3	$570
3.02	task coordination and progress mtgs for District and Owner's Rep for task duration (assume 14 months)		0	$0
3.03	Provide budget and task completion updates		2	$380
3.04	Internal Coord. for task matters		4	$698
			0	$0
3.05	***Any other services requested by the District***		0	$0
	TOTAL MH			**9**
	TOTAL COST PER POSITION			**$1,648**

TOTAL MANHOURS	**87**
TOTAL MANHOUR COST BY POSITION (SGM)	**$15,600**
REIMBURSIBLES (milage, printing, postage, etc.)	**$164**
Task 01 Subtotal	**$14,116**
Task 02 Subtotal	**$0**
Task 03 Subtotal	**$1,648**
TASKS 01-03 CONTRACT TOTAL	**$16,000**

Proposal for Town of Fairplay

Proposal for additional water model services - Alt 2

Professional Services Estimate

1-Mar-24

TASK #	TASK & DESCRIPTION	COST PER HOUR	Task Manhours	TOTAL COST BY TASK
1.10	**Hourly Demand Updates**		0	$0
1.11	Coord. w/ Integrator		2	$380
1.12	Data Processing and Model Updates		6	$1,140
	TOTAL MH			**8**
	TOTAL COST PER POSITION			**$1,520**
1.20	**Field Testing**			
1.21	Testing Prep		0	$0
1.22	1 day add. Field testing		0	$0
			0	$0
			0	$0
			0	$0
	TOTAL MH			**0**
	TOTAL COST PER POSITION			**$0**
1.30	**Data Processing, Model Updates, Relief Valve Design**			
1.31	Data Processing		4	$760
1.32	Model Updates (3 future scenarios)		18	$3,420
1.33	Model Updates (other staff questions / requests)		4	$760
1.34	Repeat fire flow analysis		6	$1,140
1.35	Draft addendum		16	$3,040
1.36	Virtual Meeting w/ Staff to Discuss findings and design		2	$380
			0	$0
			0	$0
			0	$0
	TOTAL MH			**50**
	TOTAL COST PER POSITION			**$9,500**
3.00	**Project Management and Coordination**			
3.01	Budget and task completion cover letter (assume 3 invoice cycle)		3	$570
3.02	task coordination and progress mtgs for District and Owner's Rep for task duration (assume 14 months)		0	$0
3.03	Provide budget and task completion updates		2	$380
3.04	Internal Coord. for task matters		2	$380
			0	$0
3.05	***Any other services requested by the District***		0	$0
	TOTAL MH			**7**
	TOTAL COST PER POSITION			**$1,330**

TOTAL MANHOURS	**65**
TOTAL MANHOUR COST BY POSITION (SGM)	**$12,350**
REIMBURSIBLES (milage, printing, postage, etc.)	**$164**
Task 01 Subtotal	**$11,184**
Task 02 Subtotal	**$0**
Task 03 Subtotal	**$1,330**
TASKS 01-03 CONTRACT TOTAL	**$12,700**

HARDESTY ENGINEERING &
MAPPING, LLC

DRAFT

Town of Fairplay
Asset Management Plan

Report by:
Hardesty Engineering & Mapping, LLC – Ken L. Hardesty, P.E.
2062 Dolomite Way
Castle Rock, CO 80108

Submitted for:
Town of Fairplay
901 Main St., Fairplay CO 80440

January 2023
Project 22-09

Ken L. Hardesty, P.E
Consultant

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1.0 Introduction

1.1 Purpose of the Asset Management Plan

The purpose of the asset management plan (AMP) is to provide the basis of a water supply and treatment program to inspect, maintain, rehabilitate, and replace the town's water and wastewater utility assets in accordance with all Federal and State regulations and standards. In addition, the AMP will also establish a strategy to fund the capital improvement projects required to maintain the water and wastewater systems at the desired level of service.

This AMP follows recommendations set forth in the US Environmental Protection Agency guidelines entitled "Asset Management: A Best Practice Guide" [1] and will include the following elements:

- An inventory of all assets within the town's utility system;
- An evaluation of the current age, condition, and anticipated useful life of each asset;
- The current value of the assets;
- A risk assessment to determine the critical assets of the utility system;
- A capital improvement plan (CIP) based on a survey of industry standards, life expectancy, life cycle analysis, and remaining useful life;
- An analysis of funding needs;

1.2 Background

The Town of Fairplay (Town), Colorado, owns and operates a treated water system and wastewater system for the citizens of the Town and portions of Park County just outside the Town boundary. The Town provides treated water and wastewater services to a population of 724, as of the 2020 census. The Town maintains approximately 336 residential and 109 commercial metered water connections. The Town also provides water to approximately 5 out-of-town residential and commercial metered connections.

The Town's water system assets include three active groundwater wells, one inactive groundwater well, one inactive infiltration gallery, one water treatment plant (WTP) currently being upgraded to a cartridge filtration plant, approximately 10.5 miles of distribution pipelines, two storage tanks, three pressure-reducing valves, and one booster station. The Town's wastewater assets include approximately 6.5 miles of sewer collection pipes and force mains, a lift station, a wastewater treatment facility and a sludge pond.

Currently, the operating wells have combined capacity of 75-145 gallons per minute (GPM). When complete in 2023, the WTP upgrade project will bring online the additional unused well and infiltration gallery, increasing the combined water delivery capacity to the WTP to 300-385 GPM. The WTP was designed for a treatment capacity of approximately 350 GPM, however the current installation of cartridge filtration will increase the treatment capacity to approximately 450 GPM, which exceeds the current delivery capacity.

Most land within the Town's service area is zoned as single family and multi-family residential, transitional multi-use, commercial and the Town Center, light industrial and civic.

1.3 Staffing

The town's utility has staff that is responsible for the proper functioning of the water and wastewater system. Several of these individuals contributed to the AMP. These individuals are key members of the AMP team that are responsible for preparing, implementing and updating this plan. The current team is listed in Table 1:

Table 1: Asset Management team

Name	Title	Organization	Role/Responsibility for Asset Management
Janell Sciacca	Town Administrator	Town of Fairplay	Management of Town Assets
Jennie Danner	Town Treasurer	Town of Fairplay	Financial
Keith Chisolm	Licensed Water/Wastewater Operator	Warm Springs, LLC	Contract Water/Wastewater Operations
Marty Deline	Licensed Water/Wastewater Operator	Warm Springs, LLC	Contract Water/Wastewater Operations
Ken Hardesty	Water Engineer	Hardesty Engineering & Mapping, LLC	Consultant

The Water Utility presently consists of three (3) full-time staff members and two contract licensed operators. In addition to operation of the water and wastewater treatment plants, the responsibilities of the utility personnel include repair of water mains, hydrants, valves, sewer mains, manholes and customer service. Outside contractors may be used when the in-house staff is overburdened.

2.0 System Assets

2.1 Water Supply and Treatment System

2.1.1 General Description of System

In 2022, the Town of Fairplay provided 36.9 million gallons of water to the residents and businesses it serves through over 10 miles of water mains to approximately 290 residential connections and 146 commercial connections. A schematic of the Water Utility's water system is included in Appendix A.

The existing water supply, treatment, and distribution system consists of three (3) active water supply wells, one inactive water supply well, one inactive infiltration gallery, one water treatment plant (WTP), two (2) water storage tanks, one pump station and the water distribution system.

The Town is permitted for groundwater diversion at a total of 1,400 gpm, or 2 million gallons per day (gpd), from four (4) groundwater wells (Well 1, 2R, 3R, 4) and the infiltration gallery. Currently, Well 4 and the infiltration gallery have a groundwater under the direct influence (GWUDI) designation. The WTP does not have the necessary treatment facilities to treat GWUDI water sources and, therefore, these two water sources remain inactive. The remaining active water sources (Wells 1, 2R, 3R) are permitted for 600 gpm, or 864,000 gpd, all located in the Beaver Creek aquifer. Well 4 is permitted for 300 gpm, or 432,000 gpd, and the infiltration gallery is permitted for 500 gpm, or 720,000 gpd. Currently, Wells 1, 2R and 3R are pumped at approximately 70, 38 and 50gpm, respectively, providing current capacity of 158 gpm, or 227,520 gpd.

All four wells pump to the WTP, located on the same site, for treatment and delivery to the distribution system. The infiltration gallery is gravity fed through approximately 900-feet of pipeline to the WTP. Treatment currently consists of chlorination. The upgraded WTP will also have cartridge filtration and potentially an ion exchange system for water softening and radium removal. This will allow the inactive Well 4 and infiltration gallery to become operational and will increase the capacity of the WTP to approximately 398 gpm, or 573,120 gpd. Table 2 shows the Town water source information and capacities.

Chlorinated water from the WTP is conveyed to the 500,000-gallon storage tank adjacent to the WTP for contact treatment. Water is then discharged and gravity fed from the water pressure in the tank to Town's distribution system through an approximately 5,400-feet long pipeline. At the entry point to the distribution system, water flow and chlorine residual is measured at building (known as the Blockhouse) on the east side of Beaver Creek Rd.

Table 2: Water Source Information

Water Source	Permit No.	Completed Depth (ft)	Pump Intake Depth	Permitted Pumping Rate (gpm)	Sustainable Pumping Rate (gpm)	Comments
Well 1	36001-F	219	124	150	70	Alluvial well
Well 2R	36000-FR	50	49	300	38	Alluvial well
Well 3R	35999-FR	65	53	150	50	Alluvial well
Well 4	36002-F	47	51	300	≈40	GWUDI alluvial well
Infiltration Gallery	36650-F			500	≈200	GWUDI alluvial source

2.1.2 Current Water Demands

Water delivered to customers is presented in Table 3. Table 3 also shows an estimate of water billed, bulk water sold and water not billed (non-revenue water). The non-revenue water is due to leaks in the distribution system and faulty, broken or missing water meters in Town. Current water demand is shown in Table 4.

Table 3: Water Delivered to Customers in 2022

Month	Water Produced (gal)	Water Billed (gal)	Bulk Water Filled (gal)	Non-Revenue Water (gal)	Estimated % Loss
December	2,959,297	2,077,000	3,000	885,297	29.92%
November	2,636,174	1,705,000	2,800	933,974	35.43%
October	3,107,087	1,672,000	3,000	1,432,087	46.09%
September	3,520,790	2,020,000	2,900	1,497,890	42.54%
August	4,422,770	2,731,000	6,500	1,685,270	38.10%
July	4,084,981	2,407,000	6,975	1,671,006	40.91%
June	3,472,184	2,157,000	3,200	1,311,984	37.79%
May	2,705,715	1,760,000	1,400	944,315	34.90%
April	2,573,411	1,670,000	1,100	902,311	35.06%
March	2,589,242	2,067,000	2,750	519,492	20.06%
February	2,333,009	1,832,000	2,700	498,309	21.36%
January	2,537,579	1,679,000	1,400	857,179	33.78%
Total	**36,942,239**	**23,777,000**	**37,725**	**13,139,114**	**32.24%**

Table 4: Water Demand in 2022

Water Demand	Average Demand			Peak Demand	
	Daily (gal)	Monthly (MG)	Annual (MG)	Daily (gal)	Monthly (gpd)
Current Demand	101,200	3.1	36.9	201,600	142,700

2.1.3 Future System Demands

Water consumption has mostly remained constant over the last five years. However, there are several developments either approved and under construction, in the review process with the Town, currently in the planning phases, or the Town has been communicating with developers regarding future developments. With the potential of these current and future developments, demand is expected to continue to increase for several more years. Table 5 Shows projected future system demands for the next 10 years.

Table 5: Future Water Demand

Water Demand	Average Demand			Peak Demand	
	Daily (gal)	Monthly (MG)	Annual (MG)	Daily (gal)	Monthly (gpd)
Current Demand	101,200	3.1	36.9	201,600	142,700
5 Year Projection	164,600	4.9	60.0	329,200	231,600
10 Year Projection	173,000	5.2	62.2	346,000	250.900
20 Year Projection	190,800	5.8	69.7	381,600	268,800

Peak demands are not currently recorded by the town. The peak daily demands were estimated using a peaking factor (PF) of 2.0, which is a common PF utilized in the industry and has been used by the town in previous water demand evaluations. Monthly peak demands were determined using the maximum month water production data and dividing by the number of days in the month.

2.1.4 Water Supply

2.1.4.1 Well #1

Well #1 is located at the entrance to the WTP site north of the gravel access road. The well was originally constructed in 1990 and has a completed depth of 219-feet. The well is permitted for 150 gpm and includes a submersible pump operated with a 5 horsepower,

single-phase motor. The pump intake depth is 105-feet and the screened interval depth is 98-feet to 197-feet. Well #1 has a reported sustainable pumping rate of 70 gpm, based on pump tests conducted in 2020, however, Well #1 has recently shown a steady decline in production, when operated for sustained periods of time. The well has never been redeveloped or rehabilitated. No issues have been reported with the pumping equipment. One of the suggested issues with the well is an electrical issue due to unbalanced electric loads. Another suggested issue with Well #1 is that the aquifer is not producing as much as when the well was developed.

Currently, Well #1 production drops off significantly after sustained use. When possible, the well is shut down and allowed to recharge, however, the well can only operate for continually decreasing intervals until it must be shut down to recharge.

2.1.4.2 Well #2R

Well #2R is located south of Well #4 near the northeast corner of the pond on the WTP property. The well appears to be the second redrill of the original Well #2. Well #2R was constructed in 2007 and has a completed depth of 50-feet. The well is permitted for 300 gpm and includes a submersible pump operated with a 5 horsepower, single-phase motor. The pump intake depth is approximately 49-feet and the screened interval depth

is 39-feet to 46-feet. Well #2R has a reported sustainable pumping rate of 38 gpm, based on pump tests conducted in 2020. The well was reportedly rehabilitated within the last 10-years, however, no records of the rehabilitation are reported to exist.

2.1.4.3 Well 3R

Well #3R is located north of Well #4 at the north end of the gravel access road east of the pond on the WTP property. The well is a redrill of the original Well #3. Well #3R was constructed in 2007 and has a completed depth of 65-feet. The well is permitted for 150 gpm and includes a submersible pump operated with a 5 horsepower, single-phase motor. The pump intake depth is approximately 53-feet and the screened interval depth is 40-feet to 61-feet. Well #3R has a reported sustainable pumping rate of 50 gpm, based on pump tests conducted in 2020. The well was reportedly rehabilitated within the last 10-years, however, no records of the rehabilitation are reported to exist. The well equipment appears to be in good condition with no reported issues.

2.1.4.4 Well 4

Well #4 is located between Well #3R and Well #2R along the west edge of the gravel access road east of the pond on the WTP property. The well is the original well, constructed in 1989. A Well #4R was redrilled in 2007 near the existing well but did not produce sufficient water and was permitted as a monitoring well. Well #4 has a completed depth of 47-feet. The well is permitted for 300 gpm and includes a submersible pump

operated with a 5 horsepower single-phase motor. The pump intake depth is approximately 53-feet and the screened interval depth is 27-feet to 42-feet. Well #4 has a reported sustainable pumping rate of 40 gpm, based on pump tests conducted in 2020.

Well #4 is currently inactive due to its GWUDI designation. An ongoing project to upgrade the WTP treatment process to cartridge filtration will allow Well #4 to become an active well under CDPHE guidelines.

2.1.4.5 Infiltration Gallery

The infiltration gallery is located approximately 900-feet north of the WTP. The infiltration gallery was constructed with the WTP in 1991 and includes a 24'-2"-deep manhole, 197-feet of slotted 12-inch dia. PVC pipe, and an 18-inch dia. butterfly valve located in the manhole to control flow to the WTP. The infiltration gallery is connected to the WTP by an approximately 900-foot long, 18-inch dia. ductile-iron pipeline. The infiltration gallery is permitted for 500 gpm and has a reported sustainable discharge rate of 200 gpm, based on draw-down tests conducted in 2022.

The manhole is in adequate condition. The 18-inch butterfly valve is operable and in satisfactory condition. The valve operating stem has been bent to align with the access opening in the manhole. This makes it difficult to operate the valve and dangerous to enter the manhole. The operating stem should be replaced and an access port should be cored into the concrete manhole lid directly above the valve to allow access to the operating nut atop the valve stem.

2.1.5 Water Storage

2.1.5.1 0.5 MG Tank

The 0.5 MG storage tank is located adjacent to the WTP to the south. The tank is a buried, reinforced concrete tank constructed in 1991. The tank has a diameter of 70-feet and a total depth of 18-feet. The overflow is at 17.5-feet. Operationally, the Town attempts to maintain approximately 17-feet of water in the tank by adjusting the pumping rate at the wells. The tank was last inspected by divers in 2022. Treated water is conveyed to the 0.5 MG storage tank for contact time and then conveyed to the Town's distribution system.

2.1.5.2 Heights Tank

The Heights storage tank is located at 943 Quarry Road in the Beaver Ridge subdivision. The Heights tank. The welded steel tank was constructed in 1991 and has a capacity of 150,000 gallons. The tank is 28-feet in diameter and 32-feet tall. Water is supplied to the tank by the Second Street pumping station. The tank only supplies water to the Fairplay heights neighborhood. The tank was last inspected by divers in 2022.

2.1.6 Water Treatment

2.1.6.1 Water Treatment Plant

The WTP is located off Beaver Creek Road approximately 1.4 miles north and west of the Town limits. Wells 1, 2R and 3R, located on site, pump to the plant for treatment prior to distribution. Treatment at the facility includes sodium hypochlorite treatment. The well pumps supply the pressure to convey the water through the WTP to the 0.5-MG storage tank.

Upon entering the WTP in the lower level, the raw water is conveyed through 2-inch diameter PVC pipe, where flow is measured independently for each well. The water is then combined into 8-inch ductile-iron pipe and sodium hypochlorite is added at a constant rate. Water is then leaves the WTP and is conveyed to the 0.5-MG storage tank for storage and contact time detention prior to gravity discharge to the distribution system.

The WTP includes wet wells and two filter detention basins filled with gravel, sand and anthracite media. These facilities were part of the original design and have never been utilized. They remain inactive.

Currently, a project is ongoing that will upgrade the treatment process to include cartridge filtration for water received from Well 4 and the infiltration gallery. Water from Well 4 will be pumped through two cartridge filter housings and then will connect to the combined water from the other wells for sodium hypochlorite treatment. Water from the infiltration gallery will enter the WTP under gravity flow and will then be pumped through two cartridge filter housings. Once filtered, this water will then connect to the combined water from the other wells for sodium hypochlorite treatment.

The original design capacity of the WTP was 0.5 million gallons per day (MGD), or approximately 347 gpm, expandable to 1.0 MGD, or approximately 694 gpd. Currently, the capacity of the WTP is limited by the source flow at approximately 158 gpm. This capacity will increase to approximately 398 gpm once Well 4 and the infiltration gallery are brought online.

The electrical and control equipment for the treatment plant are in good condition, however there are redundant and outdated components in the cabinet and PLC units. The electrical and instrumentation will be cleaned out and upgraded during the ongoing WTP upgrade project. The well pumps and water tank levels are monitored and controlled by a SCADA system. A backup generator, located outside the WTP, provides backup power to the water treatment plant and wells. The generator is rated for 22 kW. The generator appeared to be in good condition.

2.1.7 Water Distribution

2.1.7.1 Water Mains

The existing water distribution system consists of approximately 10.5 miles of water mains, dating back to the 1960's, based on available records. Earliest sections of piping consisted of cast iron, followed by cast-steel and then ductile iron pipe. Sizes of the pipes range from 4-inch to 12-inch diameter. The sizes and lengths of the water main were estimated based on asset depreciation reports. Currently, the Town is in the process of updating their GIS mapping and these estimates will be updated once the GIS mapping is complete. The estimated breakdown of the existing water main infrastructure is shown in Table 6.

Table 6: Water Main Sizes

Pipe Diameter	Length of Pipe (ft)	% of Pipe in System
4-inch Pipe	4,300	8%
6-inch Pipe	13,972	25%
8-inch Pipe	23,480	42%
10-inch Pipe	6,197	11%
12-inch Pipe	8,050	14%

Appendix A shows the water distribution system for the Town. Information shown is approximate and is taken from the current GIS map that the Town maintains. As stated above, the Town is currently in the process of revising their GIS map and this figure will reflect those revisions once complete.

The Town is divided into three pressure zones; a high-pressure zone for the Fairplay Heights neighborhood, a middle zone that incorporates most of Town, and a lower pressure zone for the southern and eastern edges of Town. The pressure zones range from 60psi to over 100psi.

2.1.7.2 Water Losses

The Town has recently begun keeping records of water produced, water billed and water lost. In 2022, the Town produced 36.9 million gallons of water and billed 23.8 million gallons of water through water meters. Subtracting bulk water sold, the Town estimates approximately

13.1 million gallons lost to leaks or unbilled water, which is approximately 35% water loss, or non-revenue water. Non-revenue water can be attributed to several factors including unauthorized consumption, administrative errors, data handling errors, metering inaccuracies or failures, fire suppression activities, and hydrant flushing to name a few. Non-revenue water may also be attributed to system leaks.

The Town has a history in recent years of water main breaks, with the most recent occurring in September of 2022. In late 2022, the town performed acoustical leak detection testing on their water mains to determine locations of potential unknown leaks. The testing results did not indicate any current locations of potential leakage, however, based on the age of the oldest water mains, leakage and breaks should still remain a priority for the town to monitor and address.

2.1.7.3 Water Valves

The number of valves in the water system is estimated at 145. The age of the valves is unknown. The valves include 141 gate valves, varying from 4-inch to 10-inch, and four pressure reducing valves (PRVs) varying from 6-inch to 10-inch. The approximate location of the valves are shown in Appendix A.

The town does not currently have a valve-exercising program and some valves have not been operated for long periods of time, resulting in the condition of the valves being unknown. With adequate maintenance, the life of the valves can be extended. As valves are a critical component of a system, the lack of ability to isolate a system when needed causes not only operational and service issues, but can be costly to rectify (i.e. wet tap, line stop installations). Proper inspection, operation and maintenance of the system valves should be performed as part of an operations and maintenance plan. The town has plans to develop an official valve exercising program in 2024.

2.1.7.4 Water Meters

The water distribution system meters include totalizing meters on each of the well lines in the WTP and a totalizing meter downstream of the water treatment plant in the blockhouse. The meter in the block house was recently replaced due to being located too close to pipe bends and valves.

The town currently uses Sensus water service meters. Most of these meters are located inside the structures and are read by “drive-by” automated meter reading devices. The town currently maintains 454 metered taps, of which 98 of the meters need to be replaced or repaired and 21 need to be checked (vacant lots, missing meter, etc.). The town has scheduled for the replacement of 98 water meters between 2023 and 2025 in order to improve the accuracy of water meters and reduce unaccounted for water. The new meters will be Badger meters and will include automatic meter reading technology, which will be

able to automatically collect consumption, diagnostic, and status data from water meters remotely using radio frequency from a radio tower that will be installed at the utilities headquarters.

2.1.7.5 Fire Hydrants

The Town does not have a written hydrant flushing program. There are approximately 114-120 hydrants in the water system. The hydrants are occasionally flushed by the public works staff, as needed. Hydrant flushing not only reduces incidents of rusty water ,but also ensures operation of the hydrants when required, similar to a valve exercising program. A hydrant flushing program should be developed under the current operations and maintenance plan and flushing should continue annually.

2.1.7.6 Pump Station

The town maintains one pump station located on the north corner of 2nd Street and Main Street. This pump station supplies water to the heights tank. The pump station was installed in 2012.

2.2 Wastewater Supply and Treatment System

2.2.1 General Description of System

In 2022, the Town treated 35 million gallons of influent wastewater from approximately 542 residents and businesses through over 30,000-feet of cured-in-place lined clay sewer pipes. A schematic of the Water Utility's water system is included in Appendix A. The existing wastewater distribution and treatment system consists of the CIP lined sewer pipes, one list station and the 0.3 MGD wastewater treatment facility (WWTF).

The wastewater treatment system was previously owned and operated by the Fairplay Water and Sanitation District. In 2018, the Town incorporated the district and assumed ownership and operation of the wastewater facilities. The Town received a $3.7 million loan through the State revolving Fund (SRF) to cover the debt held by the sanitation district. The Town currently services 542 sewer accounts.

2.2.2 Current and Future System Demands

Wastewater influent that was treated from the Town customers in 2022 is presented in Table 7. The Town averaged approximately 0.096 MGD of treated influent wastewater. The WWTF's current capacity well exceeds the current demand. Comparing the 20-year growth projections used for water demand to wastewater demand, the WWTF appears to have enough capacity to process the future wastewater demands. The town also accepts approximately 600,000 gallons per month of influent wastewater from the Spruce Hill subdivision and the town trailer park.

Table 7: Wastewater Influent Treated in 2022

Month	Water Produced (gal)	Influent Intake at WWTF (gal)	Usage/Leakage (gal)	Non-Revenue Water (gal)	Estimated % Loss
December	2,959,297	2,935,749	623,548	885,297	29.92%
November	2,636,174	2,725,199	510,975	933,974	35.43%
October	3,107,087	3,119,062	588,025	1,432,087	46.09%
September	3,520,790	2,748,647	1,372,143	1,497,890	42.54%
August	4,422,770	3,016,516	2,006,254	1,685,270	38.10%
July	4,084,981	3,129,599	1,555,382	1,671,006	40.91%
June	3,472,184	2,782,182	1,290,002	1,311,984	37.79%
May	2,705,715	2,801,428	504,287	944,315	34.90%
April	2,573,411	2,873,579	299,832	902,311	35.06%
March	2,589,242	3,073,850	115,392	519,492	20.06%
February	2,333,009	2,758,731	174,278	498,309	21.36%
January	2,537,579	3,092,156	45,423	857,179	33.78%
Total	**36,942,239**	**35,056,698**	**9,085,541**	**13,139,114**	**32.24%**

2.2.3 Wastewater Collection System

2.2.3.1 Sewer Mains

The Town's collection system includes mostly the original clay lined pipe with cured-in-place lining that was installed in 2007. Approximately 30,000 linear-feet of sewer pipe was lined to prevent infiltration and inflow (I&I). The sewer system currently does not experience any significant I&I. The town currently conducts annual jetting and video inspections on one-third of the sewer system so that the entire system is cleaned and inspected every three years.

2.2.3.2 Lift Station

The sewer system includes one lift station along the middle fork of the South Platte River. The lift station includes two 5 horsepower sewage pumps rated at 206 gpm each. With a peak demand flow at the pump station estimated at 12,000-16,000 gpd, the demand at the lift station is approximately 2% of the capacity, based on the peak flow data.

2.2.4 Wastewater Treatment Facility

2.2.4.1 Wastewater Facility

The WWTF is located on County Road 16, east of Town. The facility is an integrated fixed-film activated sludge (IFAS) biological treatment system that consists of a comminutor, screening, grit chamber, alkalinity feed system, lift station, the IFAS, secondary clarifiers,

UV disinfection, and an aerobic digester. The facility has a permitted capacity of 0.3 MGD and an organic capacity of 880 lbs. BOD_5/day and discharges into Beaver Creek just upstream of the confluence with the Middle Fork of the South Platte River. The facility is operated under the CDPHE Permit No CO0040088,

The facility was upgraded to the IFAS system in 2008 and the capacity was decreased from 0.4 MGD to the current 0.3 MGD to achieve compliance with the total ammonia effluent standards. The previous facility design struggled to achieve the ammonia standards during the cold winter months. The current total permitted ammonia effluent limit is set at 65 mg/l.

In 2016, the facility was upgraded with a second progressive cavity, scum and waste activated sludge (WAS) pump, operating on a variable frequency drive. The existing WAS remained in operation as a backup system.

2.2.4.2 Sludge Pond

The waste activated sludge pond is located east of the WWTF and is permitted for 624,000 gallons at a depth of twelve feet, with four feet of freeboard at normal operating conditions. There is approximately 153,000 gallons of emergency storage available in the two vertical feet above normal operating conditions. The pond is lined with 45-mil polypropylene liner and is aerated with surface aerators

A supernatant decant system with draw-off levels at approximately l.5-feet and 4.5-feet below the normal operating level decants the supernatant and it is then sent back to the head

of the secondary treatment process. Currently, the Town contracts McDonald Farms for removing and hauling the biosolids from the sludge pond. In 2022, approximately 65 dry metric tons of sludge was hauled off-site to the Front Range landfill.

Recently, the Town has been working to address potential leaks in the liner of the waste activated sludge pond. A leak detection and repair project will be conducted in 2024.

2.3 Value of the Town's Assets

In January 2023, the Town completed a Water Plant Investment Fee study [2]. In that study, the Town's water system assets were valuated. The valuation used the 2019 appraisal performed by an appraisal company, as well as the Town's depreciation reports, as the basis for the valuation, and were then adjusted for 2023 values. Table 8 and Table 9 below summarize the value of the Town's water and wastewater utility assets, respectively.

Table 8: Existing Water System Asset Valuation

Asset Component	RCN (2023 Dollars)
Water Treatment Plant	$1,400,100
Water Treatment Plant Land	$1,200,000
Parcel No. 2	$111,000
943 Quarry Road (Heights Tank Land)	$100,000
Well 1	$84,800
Well 2	$53,300
Well 3	$53,300
Well 4	$40,700
Infiltration Gallery	$200,000
Infiltration Gallery Pipeline	$297,000
Block House - Metering Building	$38,400
0.5MG Storage Tank	$1,252,700
Heights Tank	$381,300
Second Street Pump Station	$57,300
Water Ditch and Pond	$93,500
Hydrants	$572,000
Water Related Portion of Town Buildings	
Town Hall	$167,817
Maintenance Shop	$306,100
Transmission Pipelines	
Extension to South	$1,218,800
Steel Pipe (4 in)	$198,400
Iron Pipe (6 in)	$202,000
Steel Pipe (4.5 in)	$92,000
Cast Steel Pipe (10 in)	$295,520

Pipe (4 in)	$72,000
Pipe (6 in)	$1,048,200
Pipe (6 in)	$147,000
Expansion Line (10 in)	$17,800
Pipe (12 in)	$666,000
Main Street (8 in)	$360,000
Pipe (8 in)	$3,007,200
Buried Valves	
Gate Valves (4 in)	$13,500
Gate Valves (6 in)	$114,400
Gate Valves (8 in)	$162,800
Gate Valves (10 in)	$230,400
Pressure Reducing Valve (6 in)	$6,200
Pressure Reducing Valve (8 in)	$9,000
Pressure Reducing Valve (10 in)	$19,000
Water Equipment	
Leak Detectors	$20,000
Tapping Machine	$2,800
Leak Detectors	$10,000
MetroTech Detector	$5,200
Radios	$75,000
John Deere	$85,400
Pick-up	$40,000
Sensus Meter Radios and software	$177,800
Total	**$14,705,737**

Table 9: Existing Wastewater System Asset Valuation

Asset Component	RCN (2023 Dollars)
Wastewater Treatment Plant	$6,855,100
Plant Office	$422,100
Wastewater Sludge Pond	$175,600
Wastewater Plant Land	$70,200
Lift Station	$346,300
Transmission Pipelines	
Clark St Sewer	$22,300
Sewer Line	$34,200
Slip lining / Replacement	$1,542,800
Wasting Pump Line	$65,800
Wastewater Equipment	
General Items	$35,000
VFD's	$80,000

Muffin Monster / Grinder	$10,700
SCADA	$19,700
Grit Separator	$11,300
Sewage Pump & Mixer	$33,000
OS20 Aerator	$31,500
Aerator	$60,000
Total	**$9,815,600**

3.0 Level of Service

3.1 Level of Service Criteria

Levels of service (LOS) are defined by community and customer expectations and regulatory requirements. The long-term effectiveness of the Town's AMP can be assessed by comparing the town's historical performance to established LOS performance goals. These performance goals can be modified as the utility's AMP is implemented. Determining a utility's LOS helps communicate service expectations to customers and concentrate efforts and resources to meet certain performance measures.

In 2023, Town managers and utilities staff attended a workshop to establish key performance goals to include in this AMP. The key performance goals included in LOS evaluation for this AMP are:

- Provide Potable Water to Customers 99% of the time,
- Provide potable water that meets the Safe Drinking Water Act water quality testing requirements,
- Provide adequate staff/operator coverage,
- Employees will achieve zero injuries and no lost workday events,
- Maintain reliable fire hydrants to ensure public safety 100% of the time,
- Unaccounted water loss will be 15% or less based on total water production by 2026,
- Maintain adequate revenue to pay all expenses, fund reserve accounts and meet a debt service coverage of 115%,
- The water system will not receive any notice of violations from CDPHE.

These key performance goals are updated annually. Progress is tracked and adjustments are made to produce achievable results. The complete LOS performance goals, actions to consider to achieve the goals and methods of tracking the goals are included in Appendix B.

4.0 Risk Assessment

4.1 General

Risk is a key component of asset management. Risk is used for effective prioritization of the town's limited resources. The two main components of risk are Probability of Failure (PoF) and Consequence of Failure (CoF). PoF provides an indication of timing to failure. CoF provides an indication of the impact of a failure. These components of risk are used to develop an understanding of the town's critical assets.

The level of asset risk and the extent that an asset is a critical asset is calculated based on the following formula:

$$PoF \times CoF = Risk\ (Critical\ Asset)$$

In order to determine the assets with the highest business risk, assets were graded using a scale of 1 to 5 for both PoF and CoF. These numerical grades were then used in the formula above to develop a critical asset score. These scores were determined during the 2023 workshop based on input from town staff.

4.2 Probability of Failure

The POF of each asset was rated based on the age of the asset relative to its expected service life and current performance of the asset. The metrics used to determine the asset POF risk score are described in Table 10 below.

Table 10: Probability of Failure Scoring Metrics

Rank	Definition
5 (Very High)	Failed/out of service/does not exist/impact being felt now.
4 (High)	Poor Condition/End of life (failure likely within 5 years). Significant deterioration – major repair required, requires excessive maintenance or insufficient capacity for current process. Rehabilitation unlikely.
3 (Moderate)	Fair condition. Some life (5 to 10 years) remaining, requires moderate maintenance, approaching capacity issues.
2 (Low)	Good Condition. Significant life (10-15 years) remaining. Minor defects, only preventative maintenance or minor corrective maintenance required.
1 (Very Low)	New or nearly so. Full life (15-20 years) remaining, reliable, and sufficient capacity for current and design process needs.

4.3 Consequence of Failure

The COF of each asset was rated based on cost of emergency repairs, impact to water or wastewater service, impact to water quality, impact to compliance and potential damage to the environment. The metrics used to determine the asset COF risk score are described in Table 11.

Table 11: Consequence of Failure Scoring Metrics

Rank	Definition
5 (Very High)	Major consequence. No redundancy or workaround, certain & immediate impact to permit compliance, safety, or other systems within the time it would take to repair the asset. Loss of service and high cost of failure
4 (High)	High Consequence. Limited redundancy, work-around/repair more expensive/challenging. Likely/short term impact to permit compliance or safety. Higher cost of failure vs. addressing it now.
3 (Moderate)	Medium consequence. Full redundancy but high criticality, or limited redundancy but work-around available. Possible/eventual impact to permit compliance or safety. Higher cost of failure vs. addressing it now
2 (Low)	Low consequence. Full redundancy, simple repair, or could live without. Minimal operational & cost impacts. No impact to permit compliance, safety, or other systems
1 (Very Low)	No consequence. Full redundancy and/or no impact.

4.4 System Risk Scoring Summary

The overall critical asset score was calculated as described in section 4.1. The asset inventory with critical asset scores is attached in Appendix C. Table 12 summarizes the assets with the highest critical asset risk scores, which should be prioritized for rehabilitation/replacement to maintain desired levels of service to customers.

Table 12: Probability of Failure Scoring Metrics

Asset	Risk Score	Summary
Wastewater Sludge Pond Repair/Replacement	22.5	The existing wastewater sludge pond liner is leaking and the liner has floated. There is no redundant pond to allow shutdown of the existing pond. A second pond should be constructed.
Beaver Creek Road Pipeline	20.0	No redundancy; aging pipeline with an unknown condition and difficult access on private property. Initial tasks should include a mapping program to locate the pipeline, easement development to create access for maintenance/repair and a camera survey to conduct a condition assessment. Ultimately, a parallel, replacement pipeline should be constructed or a new, redundant water treatment plant, which would reduce the risk score significantly.
Infiltration Gallery Pipeline	14.0	Unknown condition, location and pipe diameter. Consequence of failure is high with increased demand due to development. An initial camera survey to conduct a condition assessment should be completed. Potential replacement or lining.
Wastewater Lift Station	13.5	The lift station needs maintenance, including a new pump and upgraded electronics/instrumentation. Consequence of failure is high. A temporary pump would need to be utilized.

The above projects have been included in the CIP for rehabilitation or replacement. Projects are spread out over the 10-year period to limit budget impacts in any given year.

In addition to the above high scoring critical assets, some additional projects are included in the 10-year CIP to improve capacity, reduce system losses, and increase levels of service. Those projects can be found in the CIP table located in Appendix D.

5.0 Financial Plan

5.1 Existing Budget

Budget details for years 2016 through 2023 for the water utility were obtained from financial audit reports. Average annual revenues generated during 2016 – 2018, prior to the purchase of the sanitation district, were approximately $548,000, most of which was generated from water fees. Following the purchase of the sanitation district, the Town's average annual revenue generated from the water and sewer fund between 2019 and 2021 was approximately $1,084,000. In 2022 and 2023, due to revised water and sewer fees, tap fees and an increase in development in Town, the revenue increased to an average of $1,288,000.

The Town currently budgets approximately $1,200,000 annually for water and wastewater system expenses and debt service. This includes salaries, insurance, engineering, maintenance and repairs, administrative and management fees and other statutory expenditures. Therefore, on average, the town's utility fund has generated a surplus over the last few years.

At the beginning of 2023, the Town's utility fund balance was approximately $1,671,050, of which $333,190 were restricted funds, resulting in available funds of $1,337,860. Typically, a water utility should maintain a reserve balance that covers 6-9 months of operations and maintenance costs. Currently, the Town maintains a reserve that would cover approximately 12-13 months of expenses. Thus, the Town is maintaining a very healthy reserve and has available funds to spend on smaller future capital improvements.

5.2 Debt Service

The Town currently has two debt obligations that require annual payments out of the utility fund. In 2018, the Town secured a loan to incorporate the Fairplay Sanitation District, including all of the District's assets and debt, with a principal amount of $3,745,300. The annual schedule of payments varies by year but average to an annual debt service payment of $336,777. The loan has a duration through 2031.

In 2023, the Town also secured a state revolving fund (SRF) loan to fund water treatment plant upgrades in the amount of $300,150, of which the Town received a 54% principal forgiveness through the Bipartisan Infrastructure Law, resulting in a principal amount of $136,843.87. The loan has a 20-year term with estimated annual payments of approximately $9,312. This project is ongoing and the final loan amount will be adjusted to match the final project cost.

Loans such as SRF loans will generally require the borrower to show a debt service coverage ratio of 110% to qualify for additional loans for capital improvement project. Debt service coverage is the ratio of net annual revenue, less expenses and loan payments, to the current debt service. For instance, if a town had net positive annual revenue of $20,000 and currently had outstanding annual debt service of $40,000, the debt service coverage ratio would be 50%. Projecting the Town's future financials and implementing future CIP project funding, it appears that the Town will show negative debt service coverage ratios over the next 8-years, assuming that the town implements water and sewer rate increases in 2024 through 2026, as recommended in the 2022 Water Rate Increase memorandum. The Town's debt service payments for the sanitation district loan is the major contributing factor to the low debt service coverage ratio.

5.3 Capital Improvement Plan Costs

The long-term CIP consists of multiple system upgrades each year and is recommended to maintain the Town's water and wastewater system and achieve the level of service goals. Based upon the 10-Year CIP, it is estimated that the cost of the capital improvements over the next 10 years will cost an average of $659,800 per year. The construction of a new, redundant water treatment plant along the Middle Fork of the South Platte River accounts for almost one-half of the project costs over the next 10 years. The CIP project list is included in Appendix D.

5.4 Funding Strategy

Future CIP projects and the associated debt service have a significant impact on the Town's financial plans and utility rate structure. Ideally, projects are scheduled in conjunction with retirement of existing debt. Looking at the Town's current remaining debt service, there will not be realized debt service reduction over the course of the 10-year CIP period. As stated above, the Town currently maintains a negative debt service ratio, projected over the next 8 years until the sanitation district loan is paid off.

A 15-year financial outlook for the Town's utility fund is provided in Appendix E, which shows the projected revenues, expenditures and debt service through 2037 for both the current rate structure and for future rate increases. This budget projection considers the existing debt service, in addition to the recommended CIP projects needed to address aging infrastructure. Based on the current rate schedule, the utility fund will be operating with annual deficits through 2031, resulting in a negative fund balance of $879,773. Based on the existing budget, sufficient funds are not available for the additional maintenance, upgrades and long-term planning of the water infrastructure. The Town should consider water and wastewater rate increases to maintain an annual utility fund surplus.

6.0 Capital Improvement Plan and Operation and Maintenance

6.1 Capital Improvement Plan Recommendations

The purpose of a CIP is to identify assets within the water and wastewater system that need rehabilitation or replacement within the next ten years. The CIP focuses on removing the greatest risks to the system by prioritizing assets identified as high-risk critical assets. Asset renewal, replacement and expansion is key to sustaining the levels of service discussed in Section 3. CIP projects are defined as any major (greater than $10,000), non-recurring expenditures for the construction, expansion, improvement, repair or replacement of a building, utility system, or other physical structure or property.

The Town's CIP summarizes planned capital investments for a 10-year period. Its objective is to help guide the Town's efforts to meet the community's evolving needs for sustainable, reliable and high-quality water and wastewater services. The CIP should be updated annually with the Town's annual budget. The recommended capital improvement projects with budgetary estimates are presented in Appendix D. It is possible that additional emergency projects will come up, which will need to be incorporated into the plan and other projects adjusted accordingly. The yearly capital improvement estimates have been included in the financial plan discussed in Section 5.

6.2 Capital Improvement Costs

The costs associated with the CIP projects were developed based on the asset valuations derived from the tap fee study conducted in 2022 and inflated to reflect 2024 dollars. Costs were compared with similar projects and, where appropriate, feasibility level cost estimates were developed.

6.3 Operation and Maintenance

Recognizing that proper operation and maintenance is key to long-term management and protection of its assets, the town utilizes operations and maintenance plans and Standard Operating Procedures/Protocols (SOPs) for its critical infrastructure assets, including but not limited to:

- the Beaver Creek WTP
- the WWTP
- Municipal wells 1, 2R 2R and 4
- the water distribution system

- the wastewater collection system

The Town employs qualified staff and qualified contract operators to maintain the water and wastewater systems. On-call staff are available 24 hours per day to respond to emergencies. The Beaver Creek WTP and the WWTP are equipped with stand-by power generators. The town's storage warehouse is stocked with parts for repairing and maintaining the distribution and collection systems and an inventory of critical spare parts is maintained at the treatment plants. The FY 2024 budget includes $170,000 (about 10% of the total annual Utility Fund expenditure) for maintenance expenses.

6.4 Asset Maintenance

The Town's water distribution system maintenance program includes hydrant inspection and maintenance, flushing devices at certain locations for water quality, valve and hydrant inspection and maintenance, and backflow and cross-connection control program. The town does not have a written program that documents the hydrant and valve flushing and exercising, however there is a plan to develop a written procedure in 2024. The town's revised Ordinance for the Control of Backflow and Cross Connection and associated Cross-Connections Control Manual was last updated in January 2017.

The Town's sewer collection system maintenance program includes jetting and video inspections on one-third of the sewer system so that the entire system is cleaned and inspected every three years.

Maintenance of the Town's treatment plants, pump stations, tanks, etc. is accomplished using a combination of the utility staff and contractors. Town staff complete most routine preventive and corrective maintenance activities. Contractors perform maintenance on assets such as HVAC, roofing, generators, large pumps and motors, and instrumentation and controls.

7.0 References

[1] United States Environmental Protection Agency (April 2008), "Asset Management: A Best Practices Guide", EPA 816-F-08-014.

[2] Hardesty Engineering and Mapping (Jan 2023), "Town of Fairplay, Water Plant Investment Fee Study", Ken L. Hardesty, Castle Rock, Colorado.

Appendix A

GIS Map of the Town's Utility System

Appendix B

Level-of-Service Goals

Developing Level of Service (LOS) Goals

Level of Service (LOS) is the characteristics of system performance such as how much, of what nature, and how frequently, with regard to the system's service. Level of Service goals will include 4 service areas: Health/Safety/Security; Conservation/Compliance; Service Quality and Costs; and Asset Preservation and Condition. Questions you should consider as you develop your LOS Goals: How would you rate your past performance in providing safe drinking water consistently to the public without interruption? How do you track and respond to customer complaints? How quickly do you respond to customer outages? How secure is your water system from accidental or intentional contamination? How often are you out of compliance with regulations? Are your operators properly certified? What is your plan to maintain your assets in reliable working condition?

Are you identifying areas that need action to improve your system? As you go through the AM process, any areas where you discover you need to make improvments to meet your goals, will be included in your action plan.

The table below shows some overarching Goals for each Service Area category. The Actions to Consider column provides short descriptions of actions you may consider in building your performance target. The Examples of Actions that build Performance Targets column provides more in-depth descriptions examples of these actions further described. These type of actions become your performance targets by identifying details such as: what, who, where, which, how and why. By doing this, it will help you establish your intentions and timeframes necessary to meet your LOS Goal. The examples are pretty extensive and it may be easier to read if you print this material out.

Service Area/Goals	Actions to consider	Method Of Tracking And Measuring	Performance Achieved
Service Quality and Costs: Provide potable water service to all of the customers 99 percent of the time	• Ensure valves work and are exercised appropriately • Flush and pressure/flow test hydrants	• Software can track outages and customer calls	• 2023: Percent achieved • 2024: • 2025: • 2026: • OVERALL
Conservation and Compliance: Provide potable water that meets the Safe Drinking Water Act water quality testing requirements	• Complete all testing requirements in a timely manner • Follow monitoring schedules		• 2023: MCLs exceeded; tests rejected • 2024: • 2025: • 2026: • OVERALL
Conservation and Compliance: Provide adequate staff/operator coverage	• Maintain adequate operator coverage to operate the facilities • Maintain a reliable list of contractors • Stress SOP's for cross-training and future continuity	• Maintain 24-hour response to calls • Increased public calls	• 2023: Hours inadequate coverage • 2024: • 2025: • 2026: • OVERALL
Health, Safety and Security: Employees will achieve zero injuries and no lost work day events	• Provide safety training to staff • Encourage reporting of near misses and close calls • Weekly safety meetings should focus on any near misses or close calls from the prior week • Prompt investigation of accidents and report findings of investigation • Provide staff with safety gear appropriate for their role • Maintain Health & Safety Officer (Kim Wittbrodt)	• Reporting during incident	• 2023: Had safety meetings x% of the weeks; x accidents; no lost workday cases • 2024: • 2025: • 2026: • OVERALL
Health, Safety and Security: Maintain reliable fire hydrants to ensure public safety 100% of the time	• Flush hydrants on a semi-annual basis • Replace inoperable fire hydrants within one month of failure • Install new hydrants properly	• GIS - Add manholes and notations • Maintain hydrants - 3-year rotation • Increase rotation if not meeting goal	• 2023: Hydrants out-of-service x% of the time • 2024: • 2025: • 2026: • OVERALL

Service Area/Goals	Actions to consider	Method Of Tracking And Measuring	Performance Achieved
Service Quality and Costs: Unaccounted water loss will be 15% or less based on total water production by 2026. Intermediate goals are 30% in 2023, 25% in 2024, 20% in 2025.	• Perform water loss balance based on water produced minus water sold • Account for all water uses not included in water sold • Utilize a monthly water loss report to determine performance • Determine tank level drop at low demand times • Install meters on shutoff valves to determine flow at low demand times • Log all leaks with estimated water loss amounts • Replace sections with frequent leaks • Replace meters • Continue leak testing	• Continue maintaining water loss table	• 2023: water loss was x% as compared to 32% in the prior year • 2024: • 2025: • 2026: • OVERALL: major performance deficiencies but working on it by replacing meters and performing leak detection
Service Quality and Costs: Maintain adequate revenue to pay all expenses, fund reserve accounts and meet a debt service coverage of 115%	• Implement a rate increase when the debt service ratio drops below 115% on a regular basis • Don't rely on reserve accounts to pay for normal O&M expenses other than extreme emergencies or asset repairs/replacements • Potential Debt Service Fee for upcoming projects	• Maintain audited financials • Quarterly meetings with the Board of Trustees	• 2023: Debt Service Coverage was x% • 2024: • 2025: • 2026: • OVERALL: varies year-to-year. Trending in the right direction
Conservation and compliance: The water system will not receive any notice of violations from CDPHE	• Recordkeeping of all notice of violations issued to the water system • Backflow training for staff • Backflow education for customers	• Track sanitary survey (use state website)	• 2023: 2 notice of violations • 2024: • 2025: • 2026: • OVERALL: minor performance deficiencies but trending in the right direction

Appendix C

Town Assets Appraisal

Town of Fairplay

Treated Water System Inventory

Asset Component	Built	Quantity	Useful Life (Years)	Remaining Life (Years)	Appraisal Value (2019)	Cost (from asset depreciation report)	Replacement Cost New ($2023 Dollars)	PoF	CoF	Critical Asset Score	Comments
Water Treatment Plant	1991		50	18	$1,109,000		$1,400,100	2.0	5.0	10.0	Currently upgrading to add capacity
Water Treatment Plant Land	1985					$28,000	$1,200,000				
Parcel No. 2	1995					$3,200	$111,000				
943 Quarry Road (Heights Tank Land)	2008					$16,075	$100,000				
Well 1	1991		50	18	$75,300		$84,800	4.0	2.0	8.0	Needs maintenance
Well 2	1991		50	18	$47,400		$53,300	2.0	3.0	6.0	Good condition
Well 3	1991		50	18	$47,400		$53,300	2.0	3.0	6.0	Good condition
Well 4	1991		50	18	$36,200		$40,700	2.5	3.0	7.5	Needs maintenance
Infiltration Gallery	1991		50	18			$200,000	1.0	4.0	4.0	Good condition
Infiltration Gallery Pipeline	1991	990	50	18			$297,000	3.5	4.0	14.0	Needs a camera survey
Block House - Metering Building	1975		50	2	$34,100		$38,400	1.0	5.0	5.0	Meter upgrades in 2022
0.5MG Storage Tank	1991		75	43	$1,113,000		$1,252,700	2.0	5.0	10.0	No known issues, good condition, 2022 inspection
Heights Tank	1995		75	47	$338,800		$381,300	2.0	4.5	9.0	No known issues, good condition, 2022 inspection
Second Street Pump Station	2012		50	39	$50,900		$57,300	3.0	3.5	10.5	Needs maintenance
Water Ditch and Pond	2005	1	50			$52,822	$93,500				
Hydrants	Unknown	88	50				$572,000				Get updated numbers. Maybe 110.
					Water Related Portion of Town Buiuldings						
Town Hall	2000	1	50	27	$894,600		$167,816.67				Approx. 1/6 of the replacement value
Maintenance Shop	1982	1	50	9	$543,900		$306,100.00				50% of the building value
					Transmission Pipelines						
Extention to South	1950	8700	50	-23		$140,866	$1,218,800	4.0	5.0	20.0	Critical asset, unknown condition, no redundancy
Steel Pipe (4 in)	1968	2480	50	-5		$3,468	$198,400				
Iron Pipe (6 in)	1972	2020	50	-1		$4,303	$202,000				
Steel Pipe (4.5 in)	1975	920	50	2		$2,548	$92,000				
Cast Steel Pipe (10 in)	1976	1847	50	3			$295,520				Replacement using $160/LF
Pipe (4 in)	1977	900	50	4			$72,000				Replacement using $80/LF
Pipe (6 in)	1979	10482	50	6		$155,166	$1,048,200				
Pipe (6 in)	1981	1470	50	8		$36,747	$147,000				
Expansion Line (10 in)	1984	1	50	11		$5,633	$17,800				
Pipe (12 in)	1985	3700	50	12		$206,023	$666,000				
Main Street (8 in)	1992	2000	50	19		$194,985	$360,000				
Pipe (8 in)	1996	21480	50	23			$3,007,200				
					Buried Valves						
Gate Valves (4 in)	Unknown	9	50				$13,500				Based on Town GIS Data & RS Means
Gate Valves (6 in)	Unknown	52	50				$114,400				Based on Town GIS Data & RS Means
Gate Valves (8 in)	Unknown	44	50				$162,800				Based on Town GIS Data & RS Means
Gate Valves (10 in)	Unknown	36	50				$230,400				Based on Town GIS Data & RS Means
Pressure Reducing Valve (6 in)	Unknown	1	50				$6,200	3.0	3.5	10.5	Based on Town GIS Data & RS Means
Pressure Reducing Valve (8 in)	Unknown	1	50				$9,000	3.0	3.5	10.5	Based on Town GIS Data & RS Means
Pressure Reducing Valve (10 in)	Unknown	2	50				$19,000	3.0	3.5	10.5	Based on Town GIS Data & RS Means
					Water Equipment						
Leak Detectors	1984	2	10	-29			$20,000				
Tapping Machine	1973	1	10	-40			$2,800				
Leak Detectors	1991	1	10	-22			$10,000				
MetroTech Detector	1993	1	10	-20			$5,200				
Radios	2022	6	10	9			$75,000				
John Deere	1999	1	25	1			$85,400				
Pick-up	2007	1	10	-6			$40,000				
Sensus Meter Radios and software	2010	1	10	-3			$177,800				
				Total			**$14,705,736.67**				

Town of Fairplay

Wastewater System Inventory

Asset Component	Built	Quantity	Useful Life (Years)	Remaining Life (Years)	Replacement Cost ($2023 Dollars)	PoF	CoF	Critical Asset Score	Comments
Wastewater Treatment Plant	2008	1	50	35	$6,855,100	1.0	5.0	5.0	Upgrades planned over next 10 years
Plant Office	2003	1	50	30	$422,100				
Wastewater Sludge Pond	1999	1	50	26	$600,000	5.0	4.5	22.5	Leaking, needs repair. No reduncant pond.
Wastewater Plant Land					$70,200				
Lift Station	1986	1	50	13	$346,300	3.0	4.5	13.5	Needs maintenance
				Transmission Pipelines					
Clark St Sewer	2002	160	50	29	$22,300	2.5	3.0	7.5	Slip lining should be done
Sewer Line	2006	208	50	33	$34,200	2.0	3.0	6.0	Slip lining should be done
Slip lining / Replacement	2007	1	50	34	$1,542,800	1.0	3.0	3.0	
Wasting Pump Line	2016	1	50		$65,800				
				Wastewater Equipment					
General Items	2018	22	5	0	$35,000				
VFD's	2008	6	10	-5	$80,000				
Muffin Monster / Grinder	2022	1	20	19	$10,700				
SCADA	2008	1	10	-5	$19,700				
Grit Seperator	2008	1	10	-5	$11,300				
Sewage Pump & Mixer	2019	2	15	11	$33,000				
OS20 Aerator	2019	1	15	11	$31,500				
Aerator	2020	3	15	12	$60,000				
				Total	$ 10,240,000				

Appendix D

Future Financial Tables

Projected Revenues and Expenditures (with current rates)

Revenues	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Water Revenue	$400,467	$408,476	$416,646	$424,979	$433,478	$442,148	$450,991	$460,011	$469,211	$478,595	$488,167	$497,930	$507,889	$518,047	$528,408
Wastewater Revenue	$692,162	$706,005	$720,125	$734,528	$749,218	$764,203	$779,487	$795,077	$810,978	$827,198	$843,742	$860,616	$877,829	$895,385	$913,293
Loans & Grants		$500,000	$241,500	$3,000,000		$1,200,000	$105,000								
Total revenue	**$1,092,629**	**$1,614,482**	**$1,378,271**	**$4,159,507**	**$1,182,697**	**$2,406,351**	**$1,335,478**	**$1,255,087**	**$1,280,189**	**$1,305,793**	**$1,331,909**	**$1,358,547**	**$1,385,718**	**$1,413,432**	**$1,441,701**
Expenses															
Employee	$220,498	$224,908	$229,406	$233,994	$238,674	$243,448	$248,317	$253,283	$258,349	$263,516	$268,786	$274,162	$279,645	$285,238	$290,942
General Operations	$88,117	$89,879	$91,677	$93,510	$95,381	$97,288	$99,234	$101,219	$103,243	$105,308	$107,414	$109,562	$111,754	$113,989	$116,269
Contractual Fees	$28,572	$29,143	$29,726	$30,321	$30,927	$31,546	$32,177	$32,820	$33,477	$34,146	$34,829	$35,526	$36,236	$36,961	$37,700
Water - Plant & Equipment	$194,610	$198,502	$202,472	$206,522	$210,652	$214,865	$219,162	$223,546	$228,017	$232,577	$237,229	$241,973	$246,813	$251,749	$256,784
Wastewater - Plant & Equipment	$304,800	$310,896	$317,114	$323,456	$329,925	$336,524	$343,254	$350,119	$357,122	$364,264	$371,549	$378,980	$386,560	$394,291	$402,177
Capital Improvement Projects		$645,000	$160,800	$2,218,600	$1,757,400	$1,333,300	$121,200	$145,200	$171,200	$22,300	$23,400				
Debt Service (San. District)	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026						
Debt Service (SRF WTP)		$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292
Debt Service (MF WTP)					$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000
Debt Service (Supply Pipeline)						$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000
Total expenses	**$1,153,623**	**$1,824,647**	**$1,357,514**	**$3,432,721**	**$3,114,277**	**$2,760,289**	**$1,566,662**	**$1,609,505**	**$1,654,725**	**$1,208,403**	**$1,229,499**	**$1,226,495**	**$1,247,299**	**$1,268,519**	**$1,290,164**
Annual Surplus (Deficit)	($60,994)	($210,165)	$20,758	$726,785	($1,931,581)	($353,938)	($231,184)	($354,418)	($374,536)	$97,390	$102,410	$132,052	$138,418	$144,913	$151,537
Starting Utility Fund Balance	$1,629,500	$1,568,506	$1,358,341	$1,379,098	$2,105,884	$174,303	($179,635)	($410,820)	($765,237)	($1,139,773)	($1,042,383)	($939,973)	($807,922)	($669,503)	($524,591)
Ending Fund Balance	$1,568,506	$1,358,341	$1,379,098	$2,105,884	$174,303	($179,635)	($410,820)	($765,237)	($1,139,773)	($1,042,383)	($939,973)	($807,922)	($669,503)	($524,591)	($373,054)
Debt Service Coverage ratio	-19.24%	-64.41%	6.36%	222.72%	-427.99%	-78.42%	-51.22%	-78.53%	-82.99%	72.52%	76.26%	98.33%	103.07%	107.91%	112.84%

Notes & Assumptions

Assumed 2% increase per year for expenses and revenues

Assumed no principal forgiveness on future loans

Projected Revenues and Expenditures (with rate increases as noted)

Revenues	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Water Revenue	$400,467	$438,511	$467,892	$498,305	$508,271	$518,436	$528,805	$539,381	$550,169	$561,172	$572,395	$583,843	$595,520	$607,431	$619,579
Wastewater Revenue	$692,162	$757,917	$808,698	$861,263	$878,488	$896,058	$913,979	$932,259	$950,904	$969,922	$989,321	$1,009,107	$1,029,289	$1,049,875	$1,070,873
Loans & Grants		$500,000	$241,500	$3,000,000		$1,200,000	$105,000								
Total revenue	**$1,092,629**	**$1,696,429**	**$1,518,089**	**$4,359,568**	**$1,386,759**	**$2,614,494**	**$1,547,784**	**$1,471,640**	**$1,501,073**	**$1,531,094**	**$1,561,716**	**$1,592,950**	**$1,624,809**	**$1,657,306**	**$1,690,452**
Expenses															
Employee	$220,498	$224,908	$229,406	$233,994	$238,674	$243,448	$248,317	$253,283	$258,349	$263,516	$268,786	$274,162	$279,645	$285,238	$290,942
General Operations	$88,117	$89,879	$91,677	$93,510	$95,381	$97,288	$99,234	$101,219	$103,243	$105,308	$107,414	$109,562	$111,754	$113,989	$116,269
Contractual Fees	$28,572	$29,143	$29,726	$30,321	$30,927	$31,546	$32,177	$32,820	$33,477	$34,146	$34,829	$35,526	$36,236	$36,961	$37,700
Water - Plant & Equipment	$194,610	$198,502	$202,472	$206,522	$210,652	$214,865	$219,162	$223,546	$228,017	$232,577	$237,229	$241,973	$246,813	$251,749	$256,784
Wastewater - Plant & Equipment	$304,800	$310,896	$317,114	$323,456	$329,925	$336,524	$343,254	$350,119	$357,122	$364,264	$371,549	$378,980	$386,560	$394,291	$402,177
Capital Improvement Projects		$645,000	$160,800	$2,218,600	$1,757,400	$1,333,300	$121,200	$145,200	$171,200	$22,300	$23,400				
Debt Service (San. District)	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026	$317,026						
Debt Service (SRF WTP)		$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292	$9,292
Debt Service (MF WTP)				$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000
Debt Service (Supply Pipeline)						$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000	$52,000
Total expenses	**$1,153,623**	**$1,824,647**	**$1,357,514**	**$3,557,721**	**$3,114,277**	**$2,760,289**	**$1,566,662**	**$1,609,505**	**$1,654,725**	**$1,208,403**	**$1,229,499**	**$1,226,495**	**$1,247,299**	**$1,268,519**	**$1,290,164**
Annual Surplus (Deficit)	($60,994)	($128,218)	$160,576	$801,846	($1,727,518)	($145,794)	($18,878)	($137,865)	($153,652)	$322,691	$332,217	$366,455	$377,510	$388,786	$400,288
Starting Utility Fund Balance	$1,629,500	$1,568,506	$1,440,288	$1,600,864	$2,402,710	$675,192	$529,397	$510,520	$372,654	$219,002	$541,694	$873,911	$1,240,366	$1,617,876	$2,006,662
Ending Fund Balance	$1,568,506	$1,440,288	$1,600,864	$2,402,710	$675,192	$529,397	$510,520	$372,654	$219,002	$541,694	$873,911	$1,240,366	$1,617,876	$2,006,662	$2,406,950
Debt Service Coverage ratio	-19.24%	-39.29%	49.21%	177.67%	-382.77%	-32.30%	-4.18%	-30.55%	-34.05%	240.29%	247.38%	272.88%	281.11%	289.51%	298.07%

Notes & Assumptions

Assumed 2% increase per year for expenses and revenues
Rate Increases of 7.5% in 2024, 4.7% in 2025 and 4.5% 2026
Assumed no principal forgiveness on future loans

Appendix E

CIP Table

Capital Improvement Program

Water System

Priority	Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Funding Source: Utility Fund	Funding Source: SRF Loans	Funding Source: DOLA Grant	Totals
1	WTP Upgrade	$520,000										$20,000	$300,150	$199,850	$520,000
2	WTP Valve Replacements	$55,000										$55,000			$55,000
3	Middle Fork WTP and River Intake			$1,500,000	$1,500,000								$1,950,000.00	$1,050,000	$3,000,000
4	Meter Upgrades	$15,000	$25,000									$26,000		$14,000	$40,000
5	Well Upgrades		$120,000									$78,000		$42,000	$120,000
6	New Transmission Line					$1,200,000							$780,000	$420,000	$1,200,000
7	Waterline Replacement	$15,000	$15,800	$16,600	$17,400	$18,300	$19,200	$20,200	$21,200	$22,300	$23,400	$189,400			$189,400
	Water Total	**$605,000**	**$160,800**	**$1,516,600**	**$1,517,400**	**$1,218,300**	**$19,200**	**$20,200**	**$21,200**	**$22,300**	**$23,400**	**$368,400**	**$3,030,150**	**$1,725,850**	**$5,124,400**

Wastewater System

Priority	Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Utility Fund	SRF Loans	DOLA Grant	
1	Sludge Pond Repairs/Replacement	$40,000		$610,000								$396,500		$213,500	$650,000
2	Lift Station Rehabilitation				$135,000							$135,000			$135,000
3	WWTF Improvements - Add RAS Pumps							$60,000				$60,000			$60,000
4	WWTF Improvements - DO Control Phase 1				$105,000							$105,000			$105,000
5	WWTF Improvements - DO Control Phase 2						$102,000					$52,000		$50,000	$102,000
6	WWTF Improvements - IR Modifications					$115,000						$60,000		$55,000	$115,000
7	WWTF Improvements - Chem P Removal			$92,000								$92,000			$92,000
8	Slip Lining								$150,000			$150,000			$150,000
9	Wastewater Plant Aerator							$65,000				$65,000			$65,000
	Wastewater Totals	**$40,000**	**$0**	**$702,000**	**$240,000**	**$115,000**	**$102,000**	**$125,000**	**$150,000**			**$1,115,500**	**$0**	**$318,500**	**$1,474,000**
	CIP Total	**$645,000**	**$160,800**	**$2,218,600**	**$1,757,400**	**$1,333,300**	**$121,200**	**$145,200**	**$171,200**	**$22,300**	**$23,400**	**$1,483,900**	**$3,030,150**	**$2,044,350**	**$6,598,400**

Town of Fairplay
400 Front Street • P.O. Box 267
Fairplay, Colorado 80440
(719) 836-2622 phone
(719) 836-3279 fax
www.fairplayco.us

STAFF REPORT

TO: Mayor and Board of Trustees

FROM: Janell Sciacca, Town Administrator

RE: New Business Item C – Res. No 14, Series 2024, Cancellation of April 2, 2024 Regular Municipal Election

DATE: March 18, 2024

BACKGROUND/ANALYSIS:
The Town of Fairplay's Regular Municipal Election to elect two (2) Trustees was scheduled to be held Tuesday, April 2, 2024. Under Colorado Election Law, the deadline for submission of Candidate Petitions was Monday, January 22, 2024. The Town Clerk's office s certified the following petitions as of that date:

TRUSTEE
Raymond Douglas
Erik Baum

Colorado Election Law, along with the Town Code, both provide that when an election is to be held and the only ballot item is the election of persons to offices, and all deadlines for filing Nomination Petitions or Affidavits of Intent to run as a "Write In" candidate have passed, the election can be canceled and the candidates declared elected. That is the case for the Town for 2024 and therefore the attached resolution canceling the Town of Fairplay Regular Municipal Election scheduled for Tuesday, April 2, 2024, and declaring the above-listed candidates elected to four (4) year terms is presented in accordance with Colorado election law and the Town Code.

Upon approval and adoption of Resolution No. 14, the Town Clerk will post notice of such cancellation in accordance with Fairplay Municipal Code Section 2-1-30(b) and the candidates would be sworn in at the next regular meeting following April 2, 2024, which is April 15, 2024.

STAFF RECOMMENDATION
Staff recommends approval of Resolution No. 14, Series 2024 as presented by motion, second and a roll call vote.

Attachments:

- Resolution No. 14, Series 2024

TOWN OF FAIRPLAY, COLORADO

RESOLUTION NO. 14
(Series 2023)

A RESOLUTION OF THE BOARD OF TRUSTEES FOR THE TOWN OF FAIRPLAY, COLORADO DETERMINING THAT THE REGULAR MUNICIPAL ELECTION TO BE HELD ON APRIL 2, 2024 SHALL BE CANCELED.

WHEREAS, the Town of Fairplay, Colorado (the "Town"), is a statutory town, duly organized and existing under the laws of the State of Colorado;

WHEREAS, pursuant to C.R.S. 31-1-101(10) the Town's next regular election is scheduled to be held on Tuesday, April 2, 2024; and

WHEREAS, under C.R.S. 31-10-302 the deadline for filing a nomination petition for municipal office was Monday, January 22, 2024; and

WHEREAS, under C.R.S. 31-10-507 the deadline to file as a write-in candidate must be submitted no less than 64 days prior to the date of the election, and under the current Fairplay Municipal Code Sec. 2-1-20 the deadline to file as a write-in candidate is listed as 20 days prior to the date of election; and

WHEREAS, both dates to file as a write-in candidate have passed;

WHEREAS, Colorado Election Law sets forth that if the only matter before the voters is the election of persons to office, and if at the close of business on the sixty-fourth day before the election (*January 29, 2024*) that there are not more candidates than offices to be filled at such election, including candidates filing affidavits of intent, the clerk, if instructed by resolution of the governing body, shall cancel the election and the Board by resolution declare the candidates elected; and

WHEREAS, current Fairplay Municipal Code, sets forth that if at the close of business on the nineteenth day before the election *(March 14, 2024)*, the only matter before the voters is the election of persons to office and there are not more candidates than offices to be filled at such election, including candidates filing affidavits of intent, the clerk, shall cancel the election and the Board shall by resolution declare the candidates elected;

WHEREAS, the Town Clerk is the Designated Election Official of the Town of Fairplay and has been duly authorized by Fairplay Municipal Code Section. 2-1-30 to cancel an election as set forth above and certify such fact to the Board of Trustees through the presentation of a resolution; and

WHEREAS, as of both Monday, January 29, 2024 and Thursday, March 13, 2024, there were not more candidates than offices to be filled;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF FAIRPLAY:

Section 1. Effective at the close of business on both January 29, 2024 and March 13, 2024, there were not more candidates than offices to be filled, including candidates filing affidavits of intent to be write-in candidates.

Section 2. Pursuant to Fairplay Municipal Code Section 2-1-30 and C.R.S. 31-1-507, the Town Clerk hereby cancels the April 5, 2024 Regular Municipal Election and declares the following persons elected to the Fairplay, Colorado Board of Trustees with term lengths of four (4) years each:

Trustee – Raymond Douglas, 389 Aspen Way, Fairplay, CO 80440

Trustee – Erik Baum, 380 Pine Drive, Fairplay, CO 80440

Section 3. The effective date of the terms for each of the Trustees deemed elected pursuant to this resolution shall be April 3, 2024. The oaths of office shall be administered at the first regular meeting of the Board after April 2, 2024 which is Monday, April 15, 2024.

Section 4. The Town Clerk shall publish notice of such cancellation pursuant to Section 2-1-30(b) of the Fairplay Municipal Code.

RESOLVED, APPROVED AND ADOPTED THIS 18th DAY OF MARCH, 2024.

TOWN OF FAIRPLAY, COLORADO

_____
Frank Just, Mayor

ATTEST:

_____
Janell Sciacca, Town Clerk

WASTEWATER PLANT MONTHLY SUMMARY
PLANT PERFORMANCE
January 2024,

INFLUENT MONTHLY FLOW (MG)	2.26
PEAK DAILY FLOW (MG)	0.095
AVERAGE DAILY FLOW (MG)	0.073

BOD: EFFLUENT LIMIT: MONTHLY 30MG/L AVERAGE: PEAK 45MG/L 7-DAY AVERAGE

INFLUENT (mg/l)	318	EFFLUENT (mg/	12	%REDUCTIC	96.2%

SUSPENDED SOLIDS: EFFLUENT LIMIT: MONTHLY 30 MG/L AVERAGE: PEAK 45 MG/L 7-DAY AVERAGE

INFLUENT (mg/l)	271	EFFLUENT (mg	17	%REDUCTIC	93.7%

PHOSPHOROUS: PROJECTED 2035 LIMIT 3.66MG/L

INFLUENT (mg/l)	7.85	EFFLUENT (mg	2.6	%REDUCTIC	66.9%

AMMONIA : MONTHLY LIMIT 28.5 mg/l

INFLUENT (mg/l)	40.9	EFFLUENT (mg	0.1	%REDUCTIC	99.9%

TOTAL INORGANIC NITROGEN: PROJECTED 2035 LIMIT 38 MG/L

INFLUENT (mg/l)	40.9	EFFLUENT (mg	12	%REDUCTIC	70.4%

E-COLI: EFFLUENT LIMIT : 1,920 MPN AVERAGE PER MONTH: PEAK 7 DAY AVERAGE 3,840 MPN

EFFLUENT (MP	1

February 2024

INFLUENT MONTHLY FLOW (MG)	2.77
PEAK DAILY FLOW (MG)	0.11
AVERAGE DAILY FLOW (MG)	0.095

BOD: EFFLUENT LIMIT: MONTHLY 30MG/L AVERAGE: PEAK 45MG/L 7-DAY AVERAGE

INFLUENT (mg/l)	361	EFFLUENT (mg/	10	%REDUCTIC	97.2%

SUSPENDED SOLIDS: EFFLUENT LIMIT: MONTHLY 30 MG/L AVERAGE: PEAK 45 MG/L 7-DAY AVERAGE

INFLUENT (mg/l)	328	EFFLUENT (mg	14	%REDUCTIC	95.7%

PHOSPHOROUS: PROJECTED 2035 LIMIT 3.66MG/L

INFLUENT (mg/l)	7.81	EFFLUENT (mg	2.2	%REDUCTIC	72.3%

AMMONIA : MONTHLY LIMIT ()MONTH 32 MG/L

INFLUENT (mg/l)	45.4	EFFLUENT (mg	0.1	%REDUCTIC	99.8%

TOTAL INORGANIC NITROGEN: PROJECTED 2035 LIMIT 38 MG/L

INFLUENT (mg/l)	45.4	EFFLUENT (mg	13	%REDUCTIC	71.4%

E-COLI: EFFLUENT LIMIT : 1,920 MPN AVERAGE PER MONTH: PEAK 7 DAY AVERAGE 3,840 MPN

EFFLUENT (MP	1

Wastewater Plant Operations Quarterly Report January 2024

The plant has been running well. The semi-annual maintenance on the pumps and motors has been done. We had noticed a reduced flow from the lift station and in January we doscovered a previously unknow low level blowoff vault in the willows on the south side of the Middle fork. The 2 inch nipple with a gate valve had corroded and broke at the threads going into the flange on the force main. With the assitance of Black Cat Pumping we were able to get the force main empty and were able to remove the broken end of the nipple and install a new one witha new 2 inch gate valve. We notified the CDPHE spill response line and submitted the required reporting. As of yet we have not heard anything back from CDPHE concerning this incident. **WATER PLANT** : the filter cartridge vessels and plumbing is in place and ready to put in service. We are waiting on the electrical to be completed so the next phase of SCADA controls and equipment can be brought in and systems dialed in.

COLORADO
Department of Public Health & Environment

Five day reporting form

Incident / spill / sanitary sewer overflow release

Use this form to report incidents impacting waters of the state

The Water Quality Control Division distinguishes between reporting requirements for incidents that occur at entities operating under a Colorado Discharge Permit System (CDPS) permit and those resulting from non-permitted activities.

Permitted activities - Reporting and management of non-compliance incidents that occur as a result of permitted activities should be performed in accordance with the notification requirements in your permit. You may use this form to submit the information requested in the permit.

Non-permitted activities - In the case of an incident where you do not have a CDPS permit, please use this form to submit a written summary of the event **within five working days** of the date of the event. If you have any questions, please contact the division's field services staff person assigned to your spill case or the Field Services Spill Administrator.

For extensions to the five working day deadline (for sampling analysis or other reasons) please send a detailed email with the reason for the request to the Field Services Spill Administrator at michelle.thiebaud@state.co.us . Please send the completed form or report with signature to the division's field services spill administrator at michelle.thiebaud@state.co.us (970-248-7150).

1. Incident background information					
Incident/spill number (division provided)	2024-073	Date of event	1-29-24	County	USA

Type of incident / spill / SSO (check one)		
x Sanitary sewer overflow	☐ Potable water/reuse water/ reclaimed water	☐ Permit Exceedance
☐ Wastewater treatment plant bypass or upset (authorized outfall point)	☐ Petroleum product	☐ Oil or gas field production spill
☐ Wastewater treatment plant spill or overflow (other than outfall)	☐ Chemical	☐ Other

Estimated volume released	800,000 gal
Size and depth of area affected	Unable to determine accurately due to snow, ice and vegitation

Contact information Keith Chisholm kchisholm@fairplayco.us , 303-859-2988

Potentially responsible party contact name	Town of Fairplay		
Potentially responsible party company/agency name	Town of Fairplay		
CDPHE Permit number and facility name (if applicable)	CO0040088		
Email address	Kchisholm@fairplayco.us	Phone	303-859-2988

2. Incident information: Please provide the following information.

A. Describe incident including source, cause, and location (e.g. address, latitude/longitude).

A leak occurred in a wastewater force mail due to a failed pipe in a previously unknown blowoff vault.
39.218537N -105.9894717, 22252 Highway 285
Mid December we noticed reduced flow and pumping times from the lift station and suspected blockage in the collection system prior to the lift station. We then had a blockage in the force main and had it jetted January 19th. Flows returned to normal and then dropped back off. It was later we discovered the leak January 29th in the un mapped manhole. Pumper truck was used to bypass the lift station and force main until we were able to replace the pipe and valve, January 30th .

B. Material released, e.g. untreated wastewater, petroleum product, specific chemical or product. Please attach the OSHA Material Safety Data Sheets for any and all chemicals or products in spill or release.

untreated wastewater

C. Actual or estimated duration of the event and time spill was fully controlled/stopped. If release is still occurring, the date and time the release is expected to be stopped.

Approximately 40-50 days

D. Describe measures taken or planned to contain, reduce, and clean up spill or release.

The leak/spill is contained now. The flow was through thick willows and rock beds. There is not much we can do about cleanup until spring as everything is frozen.

E. Describe steps taken or planned to prevent reoccurrence.

Remove vegetation, Build a road to the Manhole to make it accessible and visible with periodic inspections. Added manhole location to GIS.

3. Incident impact to state waters (As defined in § 25-8-103(19), C.R.S.).
Examples of state waters include: stormwater conveyances (when they discharge to surface water), perennial streams, intermittent or ephemeral gulches, ditches, ponds, lakes, reservoirs, irrigation canals, wetlands and groundwater.

A. Did flow or materials reach surface water of the state? If so, identify the water body or bodies and describe the path of flow. What quantity of material reached the surface waters and what was the resulting impact?

Yes. Middle fork of the south Platte. Unknown quantity reached the stream. The area is heavy vegetated with willows and in the middle of previously dredged rock piles of loose rock.

B. Did flow or materials reach groundwater of the state? If so, identify the water body or bodies and describe the path of flow. If yes, what quantity of material reached the ground or groundwater and what was the resulting impact?

Unknown. The area is covered with loose rock and probably allowed the wastewater to percolate down.

C. Did the incident include any of the following? If so, please include additional details below.

☐ Chemical release	☐ Fish kill	☐ Sheen on water

No

D. Were any water quality samples or other samples taken? If so, please describe sampling process, sampling location(s) in relationship to the incident, i.e. up/down stream and attach results.

Yes. E.coli samples were taken, one upstream (Fairplay Beach) and one down stream at Colorado Highway 9 bridge , mile marker 60, 39.167181,-105.944559 . Access to other downstream river locations were blocked due to frozen river conditions.

4. Incident impact to areas or water users

A. Describe the potential impact of the incident/spill/SSO to public use areas or downstream water users. This includes parks and swim beaches or public water system sources and irrigation diversions.

There are no potable water users down stream until after 11 mile reservoir. There is limited recreational fishing this time of year due to iced over conditions.

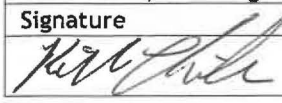
B. Were the impacted area users and downstream water users notified and describe the method of notification, e.g. signs posted, via phone.

No

C. List any downstream users who were notified.

NA

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."

Signature	Name and title	Company, organization	Date
	Collections ORC	Town of Fairplay	2-5-24


2:48
74%
GPS accuracy 9.3 ft

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 240201081

Report To: Marty Deline
Company: Fairplay Sanitation District
P.O. Box 267
Fairplay CO 80440

Bill To: Accounts Payable
Company: Fairplay Sanitation District
P.O. Box 267
Fairplay CO 80440

Task No.: 240201081
Client PO:
Client Project: Fairplay SD WWTP

Date Received: 2/1/24
Date Reported: 2/2/24
Matrix: Water - Surface

Customer Sample ID Fairplay Beach Upstream
Sample Date/Time: 2/1/24 11:06 AM
Lab Number: 240201081-01

Test	Result / Units	Method	RL	MDL	Date Analyzed	QC Batch ID	Analyzed By
E-Coli	**1 mpn/100ml**	Colilert	1	1	2/2/24	-	KES

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
MDL = Method Detection Limit
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 240201081

Report To: Marty Deline
Company: Fairplay Sanitation District
P.O. Box 267
Fairplay CO 80440

Bill To: Accounts Payable
Company: Fairplay Sanitation District
P.O. Box 267
Fairplay CO 80440

Task No.: 240201081
Client PO:
Client Project: Fairplay SD WWTP

Date Received: 2/1/24
Date Reported: 2/2/24
Matrix: Water - Surface

Customer Sample ID Hwy 9 Mile Marker 60 Downstream
Sample Date/Time: 2/1/24 11:26 AM
Lab Number: 240201081-02

Test	Result / Units	Method	RL	MDL	Date Analyzed	QC Batch ID	Analyzed By
E-Coli	**4 mpn/100ml**	Colilert	1	1	2/2/24	-	KES

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
MDL = Method Detection Limit
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

Colorado Analytical LABORATORIES, INC.

Analytical QC Summary

TASK NO: 240201081

Report To: Marty Deline
Company: Fairplay Sanitation District

Receive Date: 2/1/24
Project Name: Fairplay SD WWTP

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing the wastewater samples and generating the report (s), the analyses, report, and information submitted are, to the best of my knowledge and belief, true, accurate, and complete.

DATA APPROVED FOR RELEASE BY

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
MDL = Method Detection Limit
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

ND = Not Detected at Reporting Limit.

Chain of Custody Form

Colorado Analytical Laboratories, Inc.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Name / Number
Company Name: Town Of Fairplay Contact Name: Marty Deline	Company Name: ____ Contact Name: Jennie Danner	Fairplay WWTP ____
Address: Po Box 267 City Fairplay State CO Zip 80440	Address: ____ City State Zip	Task Number (Lab Use Only) CAL Task 240201081 KES
Phone: 720-607-9251	Phone: 719-839-6119	
Email: mdeline@fairplayco.us	Email: fairplayap@fairplayco.us	
Sample Collector:		
Sample Collector Phone: 720-607-9251	PO No.:	

Sample Matrix (Select One Only)

Waste Water ☐ Ground Water ☐ Surface Water ☒ Soil ☐ Sludge ☐ Drinking Water ☐

Date	Time	Sample ID	No. of Containers	Grab	Composite	BOD	TSS	Total Ammonia	TKN	TIN	Total Nitrogen	PO4	Alkalinity	E Coli
2/1/24		~~255 US 285 RV Park (upstream)~~	~~1~~	~~☒~~	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~☒~~
2/1/24	1106	Fairplay Beach (Upstream)	1	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
2/1/24	1126	Hwy 9 39.167408 -105.941627 Mile Marker 66 (downstream)	1	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
			2											

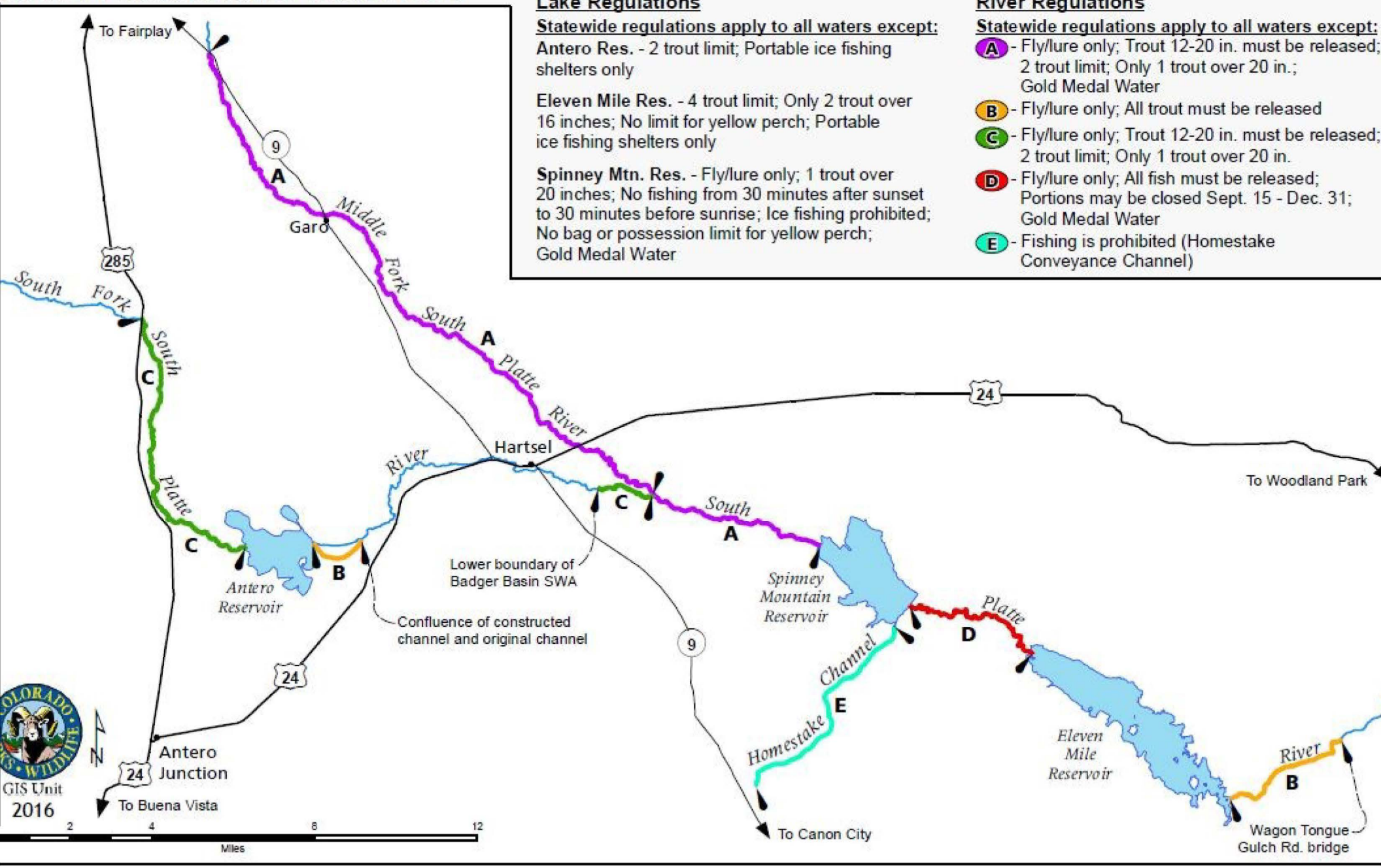
Instructions: Special Sample - Non/Compliance

C/S Info: Deliver Via: HAND C/S Charge ☐

Seals Present Yes ☐ No ☐ Temp. 11.4 °C/Ice Y Sample Pres. Yes ☒ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	2/1/24 1542					[signature]	2/1/24 1544

South Platte River in South Park



Lake Regulations

Statewide regulations apply to all waters except:

Antero Res. - 2 trout limit; Portable ice fishing shelters only

Eleven Mile Res. - 4 trout limit; Only 2 trout over 16 inches; No limit for yellow perch; Portable ice fishing shelters only

Spinney Mtn. Res. - Fly/lure only; 1 trout over 20 inches; No fishing from 30 minutes after sunset to 30 minutes before sunrise; Ice fishing prohibited; No bag or possession limit for yellow perch; Gold Medal Water

River Regulations

Statewide regulations apply to all waters except:

- **A** - Fly/lure only; Trout 12-20 in. must be released; 2 trout limit; Only 1 trout over 20 in.; Gold Medal Water
- **B** - Fly/lure only; All trout must be released
- **C** - Fly/lure only; Trout 12-20 in. must be released; 2 trout limit; Only 1 trout over 20 in.
- **D** - Fly/lure only; All fish must be released; Portions may be closed Sept. 15 - Dec. 31; Gold Medal Water
- **E** - Fishing is prohibited (Homestake Conveyance Channel)