



NORTH FRONT RANGE WATER QUALITY PLANNING ASSOCIATION
257 Johnstown Center Dr.; Unit 206
Johnstown, CO 80534
970-587-8872 – <http://www.nfrwqpa.org>

EXECUTIVE COMMITTEE AGENDA

December 2, 2021 8:00 AM

Remote Meeting

Microsoft Teams meeting

Join on your computer or mobile app

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Or call in (audio only)

+1 720-739-6745 United States, Denver

Phone Conference ID: 838 481 751#

Notice is given to the North Front Range Water Quality Planning Association (NFRWQPA) members and the general public. The Association will hold its Executive Committee meeting, which is open to the public, at the date posted above at the NFRWQPA office at 257 Johnstown Center Dr., Unit 207 Johnstown, CO 80534.

1. **CALL MEETING TO ORDER.**

2. **DETERMINATION OF A QUORUM.**

Jason Graham -Chair, Brian Zick -Vice Chair, Rob Fleck-Treasure, Jeremy Woolf, Chris Bieker, and Todd Hepworth. NOTE: There is one vacant Executive Committee Officer seat.

NOTE: The officers in attendance will vote on decision items, and absentee votes will be accepted if a quorum is not obtained.

3. **APPROVAL OF AGENDA.**

4. **DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST.**

5. **PUBLIC COMMENTS.**

6. **APPROVAL OF PAST MINUTES.** - Attachment #1 (pages 4-6).

For review and consideration are September 2, 2021, Executive Committee meeting minutes.

7. **ACCOUNTS RECEIVABLES AND PAYABLES REVIEW.** - Attachment #2 (pages 7-10).

For review and consideration are the accounts receivables and payables for August, September, and October 2021.

8. **DISCUSSION ITEM.** 2022 Executive Committee Nominations and offices.

Do the current Executive Committee officers agree to serve in 2022 in the capacity listed below?

Chair	- Jason Graham
Vice-Chair	- Brian Zick
Treasure	- Robert Fleck
at large	- Jeremy Woolf

at large - Todd Hepworth
at large - Chris Bieker
at large - Vacant

9. **DECISION ITEM.** Manager's 2021 Performance Evaluation.
Per Association policy, the Executive Committee will review the manager's performance evaluation for 2021 and discuss it with the NFRWQPA Manager, Mark Thomas. The Executive Committee Chair will lead this discussion based on the evaluation form and comments from the Executive Committee members.
10. **DECISION ITEM.** Future Legal Counsel Representation for WQCD and WQCC matters.
To increase the value of the Association, the Association should obtain legal counsel representation, either for or against, for all WQCD and WQCC regulation and hearing matters. The ensuing year's budget may need to be adjusted depending on the Executive Committee's decision, or this could be something the Association budgets for in 2023.
11. **DECISION ITEM.** NFRWQPA Region 2 Population Projection Study.
The Association should conduct a formal population projection study as the current State Demographer Office (SDO) or Census population projections and DMOA population projections numbers significantly differ. The membership would accept the resulting Regional Population Projection Study for 208 Areawide Water Quality Management Plan as the basis for Utility Plans, Site Applications, and 208 Plan Amendments assessments. For example, the last City of Greeley Utility Plan updated population projections by BBC Research & Consulting (<http://bbcresearch.com/>) and State Demographer Office (SDO) population projections differed by 100,000 over the same planning period. This Regional Population Projection Study could be something the Association budgets for in 2023. Could this study be included into the recently approved Nonpoint Watershed Plan?
12. **DECISION ITEM.** Approve the 2022 Budget - Attachment #3 (pages 11-12).
The membership approved the 2022 proposed budget during the June 24, 2021 association meeting. According to NFRWQPA's Articles of Association, the Executive Committee will finalize the ensuing year's budget. The Executive Committee should consider a new account code for the 604(b) Nonpoint Source funding separate from the current #9030 CDPHE revenue fund.
13. **DISCUSSION ITEM.** Recommended Regional Areas of Consolidation.
During the September 2, 2021, Executive Committee meeting, officers discussed the possibility of how the Association may recommend regional areas of consolidation without a final decision. The Association still needs to formally determine how to encourage and recommend designated management and operation agencies and their service areas for consolidation into the 208 Areawide Water Quality Management Plan. Could recommended regional areas of consolidation be included in the recently approved Nonpoint Watershed Plan?
14. **DISCUSSION ITEM.** Create a GIS map of the OWTS in the Weld / Larimer County region.
This project is a continuation of the projects discussed and supported during the April 6, 2020, Executive Committee meeting. Create a GIS map layer of On-Site Wastewater Systems (OWTS) within the Larimer and Weld County Region. Funding is supported through the Association's 604(b) annual grants, ≈\$10,000, for 2021-2022.
15. **DISCUSSION ITEM.** Regulation #93 M&E Listings - Attachment #4 (pages 13-14).
Within Regulation #93, there are 600 M&E listings; however, many waterbodies show attainment but lack the required minimum sample and data for delisting. M&E listings under Regulation #93 need only two (2) samples to warrant the M&E listing; however, delisting requires ten (10) samples. The Association should identify the M&E listings (12) in Region 2 and prioritize the waterbodies for the required sampling and

data for watershed conservation, restoration, and preservation. The Association should fund the necessary sampling and testing to obtain the required minimum data to delist the M&E listings in Region 2 and improve the region's overall measured water quality. Membership would benefit by alleviating unnecessary permit limits due to the M&E listings, which may be in attainment. Delisting M&E waterbodies would improve the Weld/Larimer County 208 Region (2) water quality, possibly upgrading many waterbodies into attainment. Sampling and testing funding is supported through the Association's 604(b) annual grants, ≈\$10,000, and could be budgeted for either 2022-2023.

16. **DISCUSSION ITEM.** 604(b) Project for Nonpoint Watershed Planning - Attachment #5 (pages 15-19).
The Executive Committee should discuss the Nonpoint Watershed Plan project for 2022. The Executive Committee can review the work plan submitted and approved by WQCD. The Executive Committee should discuss the geographical extent of the Nonpoint Watershed Plan, consider how the Association tracks monetized matched funding with the Association resources should be discussed. Lastly, contract options for the construction of the Nonpoint Watershed Plan should be addressed, for example, 1) The Fresh Water Trust, 2) Wright Water Engineers.

17. **DISCUSSION ITEM.** 2020 208 AWQMP DRAFT Update.
The WQCD, at last, endorsed the Association's 2020 208 Areawide Water Quality Management Plan with suggested edits and comments corrections. WQCD recognized the value in presenting and reporting water body attainment trends in our 208 Plan. As such, rather than gaining WQCC approval for our 2020 208 Plan in 2022, I proposed that we update the numbers constructing a 2022 208 AWQMP DRAFT for WQCC approval in 2022 and skip the 2020 208 Plan, and the Division agreed.

18. **DECISION ITEM.** Utility Plan Review Committee.
How do we get better participation or accountability in the Utility Plan Review Committee conducting reviews?

19. **DISCUSSION ITEM.** Workgroup Update Presentations.
Does the Executive Committee have any recommendations on presenting the workgroup updates during the Association meetings other than PowerPoint and having me read them?

20. **OTHER BUSINESS.**

21. **ADJOURN.**



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EXECUTIVE COMMITTEE MINUTES

Septmeber 2, 2021 8:00 AM

Remote Meeting Only

1. **CALL MEETING TO ORDER.**

The meeting was called to order at 8:04 AM by Mr. Thomas.

2. **DETERMINATION OF A QUORUM.**

Attendance:

NFRWQPA – Mr. Thomas, Manager

Executive Committee Officers –

Chair – Jason Graham – Ft. Collins

Vice-Chair – Brian Zick – Boxelder S.D.

Treasurer – Rob Fleck – St. Vrain S.D.

Officer – Chris Bieker – Upper Thomspon S.D.

Officer – Todd Hepworth – Evans

Officer – Jermy Woolf – Greeley

Executive Committee Officers Absent –

Officer – Vacant

- a quorum was announced.

NOTE: There is one vacant Executive Committee Officer seat.

3. **APPROVAL OF AGENDA.**

Mr. Fleck moved to approve the agenda seconded by Mr. Graham. – motion carried unanimously.

4. **DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST.**

No conflicts of interest were disclosed during the meeting.

5. **PUBLIC COMMENTS.**

No members of the public were present, and there were no public comments.

6. **APPROVAL OF PAST MINUTES.**

Meeting minutes from July 8, 2021, were presented for review and consideration. Mr. Graham moved to approve the minutes seconded by Mr. Zick. – motion carried unanimously.

7. **ACCOUNTS RECEIVABLES AND PAYABLES REVIEW.**

The accounts receivables and payables for July 2021 were presented and reviewed. Mr. Bieker moved to approve the reviewed accounts receivables and payables for July 2021, seconded by Mr. Graham. – motion carried unanimously.

8. **DECISION ITEM.** Code of Ethics.

During the July 8, 2021 meeting, the Executive Committee reviewed and recommended revisions to the proposed Code of Ethics to be adopted in the next 208 Areawide Water Quality Management Plan update. The Executive Committee recommended further minor edits to the Code of Ethics during the meeting. Accepting final edits, Mr. Graham motioned to present the Code of Ethics to the Association for approval, seconded by Mr. Fleck – motion carried unanimously.

9. **DECISION ITEM.** Designated Management and Operation Agency Responsibilities.

During the July 8, 2021 meeting, the Executive Committee reviewed and recommended revisions to the proposed Designated Management and Operation Agency Responsibilities to be adopted in the next 208 Areawide Water Quality Management Plan update. The Executive Committee recommended further minor edits to the Designated Management and Operation Agency Responsibilities during the meeting. Accepting final edits, Mr. Woolf motioned to present the Designated Management and Operation Agency Responsibilities to the Association for approval, seconded by Mr. Hepworth – motion carried unanimously.

10. **DECISION ITEM.** Recommended Regional Areas of Consolidation.
The Executive Committee reviewed and discussed the proposed Regional Areas of Consolidation as presented within the agenda and associated materials. The Executive Committee did not decide to adopt the Recommended Regional Areas of Consolidation at this time.
11. **DISCUSSION ITEM.** Potential for Additional Funds in 604(b) Contract for Watershed Planning
The Executive Committee did not discuss this agenda topic due to time restraints.
12. **DISCUSSION ITEM.** Workgroup Update Presentations.
The Executive Committee did not discuss this agenda topic due to time restraints.
13. **OTHER BUSINESS.**
The Executive Committee did not discuss this agenda topic due to time restraints.

October 2021

NUMBER	DATE	DESCRIPTION OF TRANSACTION	PAYMENT/DEBIT	DEPOSIT/CREDIT	BALANCE
		NFRWQPA - 6456	(-)	(+)	\$ 10,973.80
		Electronic Deposits			
	5-Oct	ColoTrust Transfer		\$ 10,000.00	\$ 20,973.80
					\$ 20,973.80
		Paper Deposits			\$ 20,973.80
					\$ 20,973.80
					\$ 20,973.80
					\$ 20,973.80
					\$ 20,973.80
					\$ 20,973.80
					\$ 20,973.80
					\$ 20,973.80
		Electronic Transactions			
Draft	6-Oct	PERA-Mark-Citistreet 401K 3100-Salary	\$ 325.00		\$ 20,648.80
Draft	6-Oct	PERA/FICA/IRS 3400-FICA/PERA Manager	\$ 1,865.27		\$ 18,783.53
Draft	18-Oct	Tus Nau, LLC-Rent 5010-Rent & Utilities	\$ 1,326.00		\$ 17,457.53
Draft	28-Oct	Payroll-Mark Thomas 3100-Salary	\$ 5,961.93		\$ 11,495.60
Draft	28-Oct	FICA-Co Withholding 3100-Salary	\$ 1,344.09		\$ 10,151.51
AutoPay	1-Oct	First Nation Bank - CC 5400-NFR Dues & Subscriptions 5300-Office Supplies 5510-Meals & Lodging 5140-IT Support	\$ 119.88		\$ 10,031.63
AutoPay	22-Oct	Shaw & Associates-Invoice 20019-September 5600-Accounting	\$ 217.50		\$ 9,814.13
AutoPay					\$ 9,814.13
AutoPay					\$ 9,814.13
AutoPay	6-Oct	Century Link 5130-Internet Service & Phone	\$ 149.00		\$ 9,665.13
AutoPay	5-Oct	Mark Thomas Expense Check (September) 5100-Telephone Cellular 5500-Mileage Reimbursement	\$ 75.00 \$ 75.00 \$ -		\$ 9,590.13
Check #		PAPER Transactions			
3751	30-Sep	Colorado Water Quality Forum 5400-NFR Dues & Subscriptions	\$ 350.00		\$ 9,240.13
					\$ 9,240.13
					\$ 9,240.13
					\$ 9,240.13
					\$ 9,240.13
TOTALS			\$ 11,733.67	\$ 10,000.00	\$ 9,240.13
					Difference
Bank Statement# Ending Balance:				\$ 9,240.13	0.00
Uncashed checks Total:				Balanced Amount	\$ -

Accounts	Account Names	2022 Proposed Budgets									
		Approved 2018 Budget	2018 Year end Actuals	Approved 2019 Budget	2019 Year end Actuals	Approved 2020 Budget	2020 Year end Actuals	Approved 2021 Draft Budget 50% Reduction in Dues	APPROVED JUNE 24, 2021-2022 DRAFT Proposed Budget New Tiered Dues Model	2022 DRAFT Proposed Budget Current Population Based Dues Model	2022 Draft Budget by Month
Revenue											
9010	Membership Dues	\$159,941	\$172,674	\$172,627	\$174,257	\$172,627	\$174,202	\$90,484	\$159,375	\$174,190	\$13,281.25
9020	Interest Income	\$6,000	\$16,259	\$12,000	\$16,354	\$12,000	\$4,849	\$6,000	\$250	\$250	\$20.83
9030	CDPH & E	\$10,800	\$7,128	\$10,800	\$16,572	\$10,800	\$25,600	\$10,800	\$10,500	\$10,500	\$875.00
9990	Miscellaneous	\$0	\$531	\$0	\$1,661	\$0	(\$406)	\$0	\$0	\$0	\$0.00
Total Revenue		\$176,741	\$196,592	\$195,427	\$208,844	\$195,427	\$204,244.60	\$107,284	\$170,125	\$184,940	\$14,177.08
Expense											
3100	Salary	\$86,800	\$86,435	\$87,500	\$87,521	\$90,563	\$90,563	\$92,374.26	\$100,000.00	\$100,000.00	\$8,333.33
3101	Health Ins Allowance	\$18,000	\$7,592	\$8,400	\$8,057	\$8,400	\$6,477	\$0	\$8,400	\$8,400	\$700.00
3102	Dental Insurance	\$700	\$50	\$0	\$0	\$0	\$0	\$0	\$550	\$550	\$45.83
3103	Vision Insurance	\$100	\$0	\$0	\$0	\$0	\$0	\$100	\$200	\$200	\$16.67
3110	Part Time Help	\$0	\$956	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
3200	Health Insurance	\$0	\$0	\$0	\$0	\$0	\$0	\$4,500	\$12,000	\$12,000	\$1,000.00
3210	Dental & Vision Insurance	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$0	\$0.00
3220	Life Insurance	\$500	\$0	\$0	\$0	\$0	\$0	\$1,000	\$100	\$100	\$8.33
3400	FICA/PERA Manager	\$7,168	\$12,870	\$12,100	\$14,477	\$16,000	\$14,944	\$17,000	\$20,000	\$20,000	\$1,666.67
3410	FICA Part Time Help	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
3500	Long Term Disability	\$3,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
3600	Workman's Compensation	\$425	\$319	\$425	\$321	\$425	\$257	\$425	\$425	\$425	\$35.42
3700	Colorado Unemployment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
3810	Contingency Salary	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
5010	Rent & Utilities	\$3,600	\$12,450	\$15,300	\$15,225	\$15,500	\$15,252	\$16,000	\$16,250	\$16,250	\$1,354.17
5020	Telephone Service	\$400	\$133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
5030	Telephone Long Distance	\$100	\$31	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
5040	Copying	\$750	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
5100	Telephone Cellular	\$950	\$788	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$75.00
5120	Interest Paid	\$25	\$4	\$10	(\$4)	\$10	\$0	\$10	\$10	\$10	\$0.83
5130	Internet Service, Phone, & Long Di	\$1,870	\$1,490	\$2,400	\$1,828	\$2,400	\$1,523	\$2,000	\$2,000	\$2,000	\$166.67
5140	IT Support	\$2,500	\$1,383	\$2,500	\$1,559	\$3,000	\$2,950	\$3,000	\$3,000	\$3,000	\$250.00
5150	Advertising	\$1,200	\$946	\$1,200	\$674	\$1,200	\$0	\$500	\$500	\$500	\$41.67
5160	Insurance	\$450	\$350	\$450	\$362	\$450	\$401	\$450	\$450	\$450	\$37.50
5200	Printing	\$600	\$0	\$500	\$0	\$500	\$0	\$450	\$0	\$0	\$0.00
5250	Legal Notices	\$330	\$23	\$300	\$244	\$300	\$0	\$0	\$0	\$0	\$0.00
5300	Office Supplies	\$2,000	\$1,637	\$2,000	\$868	\$2,000	\$1,225	\$2,000	\$2,000	\$2,000	\$166.67
5350	Postage	\$700	\$146	\$250	\$87	\$250	\$33	\$150	\$150	\$150	\$12.50
5400	NFR Dues & Subscriptions	\$6,000	\$5,929	\$6,000	\$6,255	\$7,500	\$6,394	\$7,500	\$7,500	\$7,500	\$625.00
5425	Intergovernmental Assistance	\$7,500	\$4,500	\$7,500	\$2,500	\$10,000	\$4,000	\$10,000	\$10,000	\$10,000	\$833.33
5450	Training	\$630	\$0	\$600	\$0	\$600	\$0	\$500	\$500	\$500	\$41.67
5500	Mileage Reimbursement	\$5,880	\$806	\$2,500	\$1,151	\$2,500	\$688	\$2,000	\$2,000	\$2,000	\$166.67
5510	Meals & Lodging	\$3,200	\$1,675	\$3,200	\$970	\$3,200	\$101	\$2,500	\$2,500	\$2,500	\$208.33
5520	Transportation, Plane, Car Rentals	\$1,000	\$5	\$500	\$0	\$500	\$0	\$500	\$500	\$500	\$41.67
5550	Conferences	\$2,000	\$0	\$2,000	\$741	\$2,000	\$0	\$2,000	\$2,000	\$2,000	\$166.67
5600	Accounting	\$5,000	\$4,418	\$5,000	\$2,213	\$5,000	\$2,941	\$4,500	\$4,500	\$4,500	\$375.00
5650	Auditing	\$2,850	\$2,800	\$2,850	\$0	\$2,850	\$4,496	\$6,500	\$6,500	\$6,500	\$541.67
5700	Legal	\$2,000	\$0	\$2,000	\$11,414	\$10,000	\$1,557	\$10,000	\$10,000	\$10,000	\$833.33
5750	Bank Charges	\$50	\$25	\$50	\$0	\$50	\$0	\$50	\$50	\$50	\$4.17
5800	Capital Recovery	\$0	\$0	\$0	\$0	\$0	\$0	\$750	\$750	\$750	\$62.50
5850	Capital Expenditures	\$1,500	\$5,602	\$1,500	\$0	\$5,000	\$2,547	\$4,500	\$4,500	\$4,500	\$375.00
5900	Contingency Website	\$500	\$0	\$500	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0.00
6010	Contract Services - State/GIS	\$1,500	\$1,508	\$1,500	\$76,996	\$70,000	\$45,611	\$5,000	\$25,000	\$25,000	\$2,083.33
6011	Contract Services-Office Help	\$6,900	\$8,437	\$6,900	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0.00
6020	Contract Supplies - State	\$350	\$0	\$350	\$0	\$350	\$0	\$0	\$0	\$0	\$0.00
6025	Operations Contingency w/Board Approval	\$0	\$0	\$0	\$10,000	\$0	\$0	\$15,000	\$20,000	\$20,000	\$1,666.67
6030	Depreciation	\$250	\$297	\$250	\$297	\$300	\$99	\$0	\$0	\$0	\$0.00
7000	Miscellaneous Expense	\$0	\$1,363	\$0	\$0	\$0	\$0	\$100	\$100	\$100	\$8.33
Total Expenses		\$179,878	\$165,216	\$177,435	\$234,656	\$281,748	\$202,957	\$212,809	\$263,335	\$263,335	\$21,944.58
Difference in Revenue & Expenses		(\$3,137)	\$31,376	\$17,992	(\$25,812)	(\$86,321)	\$1,287	(\$105,526)	(\$93,210)	(\$78,395)	
Projected Budget Actuals from 202		\$ 184,563	\$ 165,216	\$ 224,497	\$ 234,656.02	\$ 221,747	\$ 234,656	\$ 165,216.00	\$ 164,415.00	\$ 164,415.00	\$13,701.25
rejected Net Assets beginning of ye		Dec 31 2017	Dec 31 2017	Dec 31 2018	Dec 31 2019	Dec 31 2019	Dec 31 2019	Dec 31 2020	31-Dec-21	31-Dec-21	
		\$617,644	\$617,644	\$650,371	\$620,512	\$618,461	\$618,461	\$576,855	\$505,332	\$505,332	
Plus Difference in Revenue & Expe		(\$3,137)	\$31,376	\$17,992	(\$25,812)	(\$86,321)	\$1,287	(\$105,526)	(\$93,210)	(\$78,395)	
Projected Percentage of Budget vs		103%	100%	127%	100%	79%	116%	78%	62%	62%	
Projected Reserves year end Balar		\$ 429,944	\$ 483,804	\$ 443,866	\$ 360,044	\$ 310,393	\$ 385,092	\$ 306,114	\$ 247,707	\$ 262,522	
Reserves Required based on 1.5*		\$ 269,817	\$ 247,824	\$ 266,153	\$ 351,984	\$ 422,622	\$ 304,436	\$ 319,214	\$ 395,003	\$ 395,003	
Projected year end Net Assets		\$614,507	\$649,020	\$668,363	\$594,700	\$532,140	\$619,748	\$471,330	\$412,122	\$426,937	
NOTES:											
9010	Membership Dues	Option of New Tiered Dues Model or Current Population Model									
9040	Administrative Fee BTWF	Deleted BTWSF Admin Fee Revenue line item.									
3102	Dental Insurance (Allowance)	Changed from Dental Allowance to Dental Insurance									
3103	Vision Insurance (Allowance)	Changed from Vision Allowance to Vision Insurance									
3210	Dental & Vision Insurance	Broken out to 3103 & 3200									
6010	Contract Services - State/GIS	New GIS Project to Map OWTs and consider Nutrients impact									

All M&E Listings in Weld and Larimer Counties.

<i>AUID</i>	<i>Use</i>	<i>Analyte</i>	<i>Cycle First Listed</i>	<i>Data Suggest Attainment?</i>	<i>Explanation</i>
COSPBO07b_B	Aquatic Life Use	Macroinvertebrates	2012	No	-Original listing based on old version of MMI tool, so data from that assessment cycle not shown -For 2020 cycle, all of segment COSPBO07b (Coal Creek from Hwy 36 to confluence with Boulder Creek) was assessed together, but only a portion of COSPBO07b_B (Coal Creek from Rock Creek to Boulder Creek) falls within southwestern Weld County -Whole segment placed on M&E list because of two samples collected from two different locations on this segment on the same day, one attained the MMI threshold, and one did not
COSPBT05_A	Recreational Use	E. coli	2016	No	-Data from 2013-2014 indicate impairment based on a less stringent standard (Rec Class: P; 630 #/100mL); -More stringent standard (Rec Class: E; 126 #/100mL) promulgated in 2020, making attainment less likely
COSPBT08_B	Aquatic Life Use	Temperature	2016	Unknown	-Based on 122 exceedances of daily maximum and 45 exceedances of maximum weekly average temperature standards, but in the absence of flow data, could not assess excursions -Did not reassess in 2020, so no recent data available
COSPBT10_A	Aquatic Life Use	Dissolved Oxygen	2016	No	-Only data assessed to date have been from 2012-2013, and 5 samples (after bias removal) indicate impairment
COSPCP02a_B	Aquatic Life Use	Zinc (Dissolved)	2020	No	-Listed during the most recent assessment cycle focused on the South Platte -Data were sufficient for 303(d) listing based on acute standard, but chose M&E List instead because of uncertainty about the effects of the 2012 High Park fire -Hardness is very low and, as a result, zinc standards are very low
COSPCP07_D	Recreational Use	E. coli	2010	Unknown	-Samples from Stonewall Creek (currently, COSPCP08_B) represented most tributaries to the N. Fork downstream of Halligan Reservoir at the time of the listing, so all of those tributaries were listed. Today, many of those tributaries now fall within COSPCP07_D. -No E. coli data available from other tribs that fall within this portion -Note, the tributaries that are <i>not</i> in COSPCP07_D or COSPCP08_B are: Lone Pine Creek and its tributaries below the confluence of North Fork and South Fork Lone Pine Creek, and the Mainstem (<i>only</i>) of Rabbit Creek
COSPLA02a_A	Water Supply Use	Arsenic (Total)	2016	No	-Recent data (2017-2018) indicate impairment, but many of the values were estimated (i.e., J-qualified, where a result is above the detection limit but below the reporting limit), which precluded 303(d) listing
COSPLA02a_A	Water Supply Use	Manganese (Dissolved)	2016	Yes	-Most recent data (2017-2018) clearly indicate attainment, but 9 samples (after bias removal) was not sufficient to remove this from the M&E List
COSPLA02a_A	Water Supply Use	pH	2010	Yes	-Most recent data (2017-2018) clearly indicate attainment, but 9 samples (after bias removal) was not sufficient to remove this from the M&E List -Data from 2012 used for the 2016 listing cycle also indicated attainment
COSPLA02a_A	Aquatic Life Use	Macroinvertebrates	2020	No	-Listed during the most recent listing cycle, so no recent data shows attainment -Three samples collected within the same segment, with two showing attainment and one showing impairment based on auxiliary metrics - constitutes sufficient evidence for an M&E listing
COSPLA02b_A	Water Supply Use	Arsenic (Total)	2016	No	-Recent data (2017-2018) indicate impairment, but we did not list it because there were fewer than 10 samples
COSPMS01b_A	Water Supply Use	Nitrate	2020	No	-Listed during the most recent listing cycle, so no recent data shows attainment -Note that the nitrate water supply standard is acute
COSPMS05c_A	Aquatic Life Use	Dissolved Oxygen	2020	No	-Listed during the most recent listing cycle, so no recent data shows attainment -However, percentile value was very close to the standard
COSPSV02a_A	Water Supply Use	Arsenic (Total)	2020	No	-Listed during the most recent listing cycle, so no recent data shows attainment -However, results were qualified in most cases, so M&E listing decision was partially in response to uncertainty in actual value
COSPUS15_D	Aquatic Life Use	Temperature	2016	Unknown	-Based on 20 exceedances of daily maximum temperature standard, but in the absence of flow data, could not assess excursions -Did not reassess in 2020, so no recent data available

Division Recommendations:

- The M&E listing in Larimer County for COSPCP07_D predates the current segmentation in this area. It's actually based on samples collected from Stonewall Creek, which is currently in COSPCP08_B, and we do not have any data from any other tributaries in COSPCP07_D (in the spreadsheet, the data for this listing are labeled COSPCP08_B). One recent sample from Stonewall Creek indicates attainment. I would keep this in mind if you're interested in investigating this listing.
- More recent data that may be available via public sources, like the Water Quality Portal. You may want to check for other data on these segments before you plan your sampling efforts.
- Only two of these portions have recent data clearly indicating attainment; however, others have recent data that indicate impairment. We would encourage you to consider collecting data on those portions, too, as identifying impairments based on a sufficient dataset (10 or more samples in most cases) will also resolve M&E listings.
- Macroinvertebrate and temperature M&E listings are different from conventional M&E listings for chemistry. In particular, temperature assessments generally require continuous data measured at sub-hourly frequencies. Keep this in mind as you review these results. If you have questions about macroinvertebrates or temperature, let me know, and I will put you in touch with the appropriate division staff.



NORTH FRONT RANGE WATER QUALITY PLANNING ASSOCIATION
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November 17, 2021

Christa Trendle
Water Quality Control Division
Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

RE: NFRWQPA FFY 2022 - 604(b) Project Proposals Work Plans (Nonpoint Source Watershed Planning).

Dear Ms. Trendle:

As requested, I am submitting the following proposed work plan for FFY 2022 for inclusion in our existing 604(b) purchase order by adding Colorado Water Resources and Power Development Authority funds for pre-planning to scope drafting an EPA 9 Element Watershed-based Plan that addresses nonpoint source pollutants. In collaboration with the Water Quality Control Division (WQCD), NFRWQPA understands that WQCD's area of interest for watershed planning is in growth areas not currently defined as MS4s, but may be in the future due to growth. This initial purchase order only funds FFY 2022.

The project proposed for the North Front Range Water Quality Planning Association (NFRWQPA) for the FFY 2022 604(b) funding will involve pre-planning with shareholders and stakeholders to consider drafting an EPA 9 Element Watershed-based Plan that addresses nonpoint source pollution for Section 208 Region 2. Tasks associated with pre-planning would include:

1. Define the Region 2 area of interest concerning nonpoint source watershed planning, prioritizing the river basins holding at least one meeting to determine the area(s) of interest, including the nonpoint source pollutants causing water quality impacts and potential sources for those pollutants.
2. Holding at least one meeting to educate potentially interested parties about nonpoint source pollution and the opportunity to develop a water quality plan that specifically addresses nonpoint source pollution. During this meeting, identify existing watershed coalitions and existing watershed/water quality plans, water quality data and assessments in Region 2.
3. Holding at least two meetings, identify shareholders and stakeholders from public water education forums, conservation and water districts, agricultural groups, water commissions, alliances, councils, and state and local government agencies. Determine interest from these parties in collaborating to develop a nonpoint source pollution-focused water quality plan and define a coordination plan/coordination approach to support the planning effort.
4. Holding at least three meetings encourage watershed coalitions, groups, or other parties that work with a broad set of local stakeholders to identify tools and address gaps, including water quality data gaps, concerning nonpoint source pollutants in existing water quality plans.
5. Identify the Association's budget for drafting an EPA 9 Element Watershed-based Plan, including private funding sources which can support future watershed implementation projects.
6. Put the EPA 9 Element Watershed-based Plan project out to bid.
7. Identify a contractor to write an EPA 9 Element Watershed-based Plan.

These water quality planning efforts will help member agencies of the Association be more proactive in maintaining and sustaining the water quality in the NFRWQPA region. A proposed schedule of outputs and budget is attached. If you have any questions regarding this work plan, don't hesitate to contact me at (970)



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587-8872 or mthomas@nfrwqpa.org.

Sincerely,

Mark Thomas, manager

Enclosure: (I) “Schedule of Outputs & Budget”



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DUNS Number: 027039433

SCHEDULE OF OUTPUTS AND BUDGET

604(b) - FY-2022 NONPOINT SOURCE WATERSHED PLANNING WORKPLAN

(This is one of up to a three-phase project with each phase pending based on annual funding allocations from CDPHE and NFRWQPA’s continued interest in developing an EPA 9 Element Watershed-based Plan. Only the FY 2022 phase is covered under the initial Purchase Order and captured in the activities here.

FFY - 2022 -Nonpoint Source Watershed Pre-planning

(Funding is projected and will depend on the final CDPHE allocated Colorado Water Resources and Power Development Authority budget approval. Once Colorado Water Resources and Power Development Authority funding is received, a new Purchase Order will be issued for any further proposed work and the project’s subsequent phases.)

Work with regional shareholders, stakeholders, and relevant watershed groups and forums concerning pre-planning to produce an EPA 9 Element Watershed-based Plan for Section 208 Region 2.

1. Define the Region 2 area of interest concerning nonpoint source watershed planning, prioritizing the river basins holding at least one meeting to determine the area(s) of interest, including the nonpoint source pollutants causing water quality impacts and potential sources for those pollutants.
2. Holding at least one meeting to educate potentially interested parties about nonpoint source pollution and the opportunity to develop a water quality plan that specifically addresses nonpoint source pollution. During this meeting, identify existing watershed coalitions and existing watershed/water quality plans, water quality data and assessments in Region 2.
3. Holding at least two meetings, identify shareholders and stakeholders from public water education forums, conservation and water districts, agricultural groups, water commissions, alliances, councils, and state and local government agencies. Determine interest from these parties in collaborating to develop a nonpoint source pollution-focused water quality plan and define a coordination plan/coordination approach to support the planning effort.
4. Holding at least three meetings encourage watershed coalitions, groups, or other parties that work with a broad set of local stakeholders to identify tools and address gaps, including water quality data gaps, concerning nonpoint source pollutants in existing water quality plans.
5. Identify the Association’s budget for drafting an EPA 9 Element Watershed-based Plan, including private funding sources which can support future watershed implementation projects.
6. Put the EPA 9 Element Watershed-based Plan project out to bid.
7. Identify a contractor to write an EPA 9 Element Watershed-based Plan.

Fiscal Year:	Budget Colorado Water Resources and Power Development Authority Funding
FY 2022	\$25,000
Total Grant Request - FY 2022	\$25,000



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Fiscal Year:	Matching 604(b) Funding Activities
1. Define the Region 2 area of interest meetings.	\$4,000 ($\approx 10\text{FTE @ } \$100\text{hr.} * 2\text{hrs} * 2 = \$4,000$)
2. Identify existing Watershed Plans meeting.	\$1,000 ($\approx 10\text{FTE @ } \$100\text{hr.} = \$1,000$)
3. Identify shareholders' and stakeholders' meetings.	\$4,000 ($\approx 10\text{FTE @ } \$100\text{hr.} * 2\text{hrs} * 2 = \$4,000$)
4. Identify gaps in existing Watershed Plans meetings.	\$6,000 ($\approx 10\text{FTE @ } \$100\text{hr.} * 2\text{hrs} * 3 = \$6,000$)
5. Identify the Watershed Plan budget meetings.	\$4,000 ($\approx 10\text{FTE @ } \$100\text{hr.} * 2\text{hrs} * 2 = \$4,000$)
6. Association Manager time for project.	\$4,000 ($1\text{FTE @ } \$100\text{hr.} * \approx 40\text{hrs} = \$4,000$)
7. Meeting for selecting the contractor.	\$1,000 ($\approx 10\text{FTE @ } \$100\text{hr.} = \$1,000$)
8. CSU eRAMS charges for data analysis.	\$5,000
Total Matching Funds Request - FY 2022	Not to exceed -\$25,000