



COLORADO

Colorado Water Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

Water Project Summary

Name of Applicant	North Front Range Water Quality Planning Association		
Name of Water Project			
Basin Account Request Subtotal			\$18,750.00
Applicant Cash Match			\$6,250.00
Applicant In-Kind Match			
Basin Requests			
Sources of Funding			

Grant Details

Water Project Justification

The Association is creating a Regional GIS map of the sanitary sewer system’s current and future infrastructure, including WWTFs, sewer lines, interceptors, and lift stations for Larimer and Weld County, representing the 208 Planning Region 2. The Association has always had this information documented in Utility Plans within static PDF maps illustrating current and future infrastructure and would like to demonstrate and access this information digitally. This information will not be shared publicly for obvious security reasons.

Applicant & Grantee Information

Name of Grantee: North Front Range Water Quality Planning Association
Mailing Address: 257 Johnstown Center Dr. Unit 206 Johnstown CO 80534
FEIN: 841,439,059

Organization Contact: Mark Thomas
Position/Title: Manager Email: mthomas@nfrwqpa.org
Phone: 970-587-8872

Grant Management Contact: Mark Thomas
Position/Title: Manager Email: mthomas@nfrwqpa.org
Phone: 970-587-8872

Agency Information

Agency Type	Other
Current Assessment	
Number of Shareholders or Customers	40
Number of Shares	
Number of Taps	
Average Monthly Water Bill	
Annual Water Delivery (acre-feet)	

Description of Grantee/Applicant

North Front Range Water Quality Planning Association (NFRWQPA) is the designated Section 208 planning agency under the Federal Clean Water Act for the region of Larimer and Weld County. NFRWQPA represents its member entities in water quality legislative and regulation setting actions. The primary goal is to provide regional land-use management planning mechanisms for reasonable, feasible, and economical wastewater services to areas designated for development within the South Platte watershed. While considering the water quality impacts, the wastewater treatment systems, and interrelated wastewater utility service areas' nonpoint pollution sources will have on receiving waters in the river basins. Including groundwater influences by those management agencies with groundwater discharges.

Location of Water Project

Latitude 0.000000
 Longitude 0.000000
 Lat Long Flag
 Water Source
 Basins
 Counties
 Districts

Water Project Overview

Major Water Use Type
 Type of Water Project
 Scheduled Start Date - Design 4/30/2024
 Scheduled Start Date - Construction 4/30/2024
 Description

Measurable Results

0 New Storage Created (acre-feet)
 0 New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
 0 Existing Storage Preserved or Enhanced (acre-feet)
 0 New Storage Created (acre-feet)
 0 Length of Stream Restored or Protected (linear feet)
 0.00 Length of Pipe, Canal Built or Improved (linear feet)
 \$0 Efficiency Savings (dollars/year)
 0 Efficiency Savings (acre-feet/year)
 0 Area of Restored or Preserved Habitat (acres)
 0 Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
 0 Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
 0 Number of Coloradans Impacted by Engagement Activity
 Other
 No additional measurable results provided



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<u>Exhibit A - Statement of Work</u>	
Date:	April 18, 2024
Water Activity Name:	Regional GIS Sanitary Sewer System Map – Region 2
Grant Recipient:	North Front Range Water Quality Planning Association
Funding Source:	Water Supply Reserve Fund Program
Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for. (PLEASE DEFINE ALL ACRONYMS).)	
<p>The Association is creating a Regional GIS map of the sanitary sewer system’s current and future infrastructure, including WWTFs, sewer lines, interceptors, and lift stations for Larimer and Weld County, representing the 208 Planning Region 2. The Association has always had this information documented in Utility Plans within static PDF maps illustrating current and future infrastructure and would like to demonstrate and access this information digitally. This information will not be shared publicly for obvious security reasons.</p>	
Objectives: (List the objectives of the project. (PLEASE DEFINE ACRONYMS).)	
<p>A Regional GIS database would help the Association, as the Regional 208 Planning Agency, facilitate and coordinate future sewer collection that is economically and technically feasible given the geography and topography of the region in a coordinated effort among its members' sanitary sewer boundaries. The GIS database would be utilized to endorse future sanitary sewer system infrastructure concerning regional 208 planning, local urban development, and land use zoning. Understanding that 5-10 years ago, sanitary sewer systems of the region were well spread out between districts and municipalities, and today, given the exponential growth of the front range, these systems are encroaching on adjacent boundaries. Therefore, a regional GIS map would guide 208 planning decisions. Understanding this includes the following agencies within Larimer and Weld County, all working together to coordinate and collaborate on current and future sanitary sewer needs in the region.</p> <ol style="list-style-type: none"> 1. Ault, Town of 2. Berthoud, Town of 3. Boxelder Sanitation District 4. Brighton, Town of (Part) 	



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5. Broomfield, City and County (Part)
6. Dacono, City of
7. Eaton, Town of
8. Erie, Town of
9. Estes Park, Town of
10. Estes Park Sanitation District
11. Evans, City of
12. Fox Acres Community Services
13. Fort Collins, City of
14. Fort Lupton, City of
15. Galeton Water & Sanitation District
16. Greeley, City of
17. Hudson, Town of
18. Johnstown, Town of
19. Keenesburg, Town of
20. Kersey, Town of
21. Larimer County (Septic Systems)
22. LaSalle, Town of
23. Lochbuie, Town of
24. Longmont, Town of
25. Loveland, City of
26. Mead, Town of
27. Metro Water Recovery
28. Milliken, Town of
29. Northglenn, City of (Part)
30. Pierce, Town of
31. Platteville, Town of
32. Resource Colorado Water & Sanitation Metro District
33. Severance, Town of
34. South Fort Collins Sanitation District
35. St. Vrain Sanitation District
36. Timnath, Town of
37. Upper Thompson Sanitation District
38. Weld County (Septic Systems)
39. Wellington, Town of
40. Windsor, Town of

Tasks

Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)



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Tasks
<p>Task 1 - Regional GIS Sanitary Sewer System Map – Region 2</p>
<p>Description of Task:</p> <p>The Association will request agencies provide GIS data on their sanitary sewer system’s current and future infrastructure, including WWTFs, sewer lines, interceptors, force mains, and lift stations. The Association has always required this information in Utility Plans within static PDF maps. The Association would like to access this information digitally to provide more accessible analysis between districts. This information will not be shared publicly. Providing the following information:</p> <ol style="list-style-type: none"> 1. GIS data in the form of a geodatabase, shapefile, or web service of current WWTFs, sewer lines, force mains, interceptors, and lift stations illustrating the Agency’s WUSA, Growth Management Area (GMA), and Ultimate Planning Area (UPA) boundaries. 2. GIS data of future/planned WWTFs, sewer lines, interceptors, and lift stations illustrating the Agency’s WUSA, Growth Management Area (GMA), and Ultimate Planning Area (UPA) boundaries. 3. It would be very helpful if the GIS data included the following attributes. This would be two separate datasets: Existing and Planned/Future <ol style="list-style-type: none"> i. WWTF: Name, flows, and loads ii. Lift Station: Name and capacity (GPM, GPD, or MGD), iii. Sewer line/Forcemain/Interceptor: Diameter (ex. 6”, 12”, 18”, 24”, 36” etc.) iv. Sewer line/Forcemain/Interceptor: Material (ex. PVC, VCP, etc.) <p>Jill Fischer, with InVision GIS, will be the Association's subcontractor who will create the GIS regional sanitary sewer system map.</p> <p style="text-align: center;">Jill Fischer – InVision GIS jillfischer@invisiongis.com 970.776.6321</p>
<p>Method/Procedure:</p> <ol style="list-style-type: none"> 1. Data requests will be made by email and meeting notifications. 2. The data will then be made available to Invision GIS to produce the Regional GIS Sanitary Sewer Map.



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Tasks
<p>Grantee Deliverable: (Describe the deliverable the grantee expects from this task)</p> <p>The Following Regional GIS Map should be completed by January 1, 2025.</p>
<p>CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)</p> <p>The Association can provide a PDF static map of the final product. As mentioned above, the platform will not be shared publicly for obvious security reasons.</p>

Budget and Schedule
<p>Exhibit B - Budget and Schedule: This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format. A separate excel formatted Budget is required for engineering costs to include rate and unit costs.</p>

Reporting Requirements
<p>Progress Reports: The grantee shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.</p>
<p>Final Report: At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:</p> <ul style="list-style-type: none"> • Summarizes the project and how the project was completed. • Describes any obstacles encountered, and how these obstacles were overcome. • Confirms that all matching commitments have been fulfilled. • Includes photographs, summaries of meetings and engineering reports/designs.

Payments
<p>Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.</p> <p>The CWCB will pay the last 10% of the <u>entire</u> water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.</p>

Performance Requirements
<p>Performance measures for this contract shall include the following:</p> <p>(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if</p>



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Performance Requirements

applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per the Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.



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EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Date: April 18, 2024

Water Activity Name: Regional GIS Sanitary Sewer System Map – Region 2

Grantee Name: North Front Range Water Quality Planning Association

<u>Task No.</u> ⁽¹⁾	<u>Description</u>	<u>Start Date</u> ⁽²⁾	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽³⁾	<u>WSRF Funds</u>	<u>Total</u>
<u>1</u>	<u>Regional GIS Sanitary Sewer System Map – Region 2</u>	<u>1-Apr-24</u>	<u>31-Dec-24</u>	6,250	18,750	\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
Total				\$6,250	\$18,750	\$25,000

(1) The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount.

(2) Start Date for funding under \$50K - ~ 45 Days from Director Approval; Start Date for funding over \$50K - ~90 Days from Board Approval.

- Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)
- **NTP will not be accepted as a start date.** Project activities may commence as soon as the grantee enters contract and receives formal signed State Agreement.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.

- Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution
- Standard contracting procedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.

