



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

**208 Areawide Water Quality Management Plan Amendment  
 New Lift Station or Capacity Increase  
 (60-Day Public Notice Required)**

*To meet the plan amendments minimum requirements, all items are required and must be included to be accepted for review and considered for approval. Submitted references to other materials is not acceptable, i.e., refer to... or see..*

<b>A. Project and System Information.</b>			
Applicant / Entity			
Representative Name / Title			
Project Title			
Address			
Email			
Phone			
County			
<b>B. Project Design Company Information.</b>			
Design Company Name			
Design Engineer		CO License Number	
Address			
Email			
Phone		Date of Application:	
<b>C. Is the Lift Station Project Identified with the Applicant Agency's Approved Utility Plan? Access NFRWQPA approved Utility Plans here; <a href="https://nfrwqpa.colorado.gov/approved-utility-plans">https://nfrwqpa.colorado.gov/approved-utility-plans</a>.</b>			
Yes: <input type="checkbox"/>	If Yes, no 208 Plan Amendment required.	No: <input type="checkbox"/>	
If No, is Lift Station capacity less than 50,000gpd or serves less than 667 people per day?	Yes: <input type="checkbox"/> If Yes, no 208 Plan Amendment required.	No: <input type="checkbox"/> If No, 208 Plan Amendment required.	
If No, and the Lift Station capacity is greater than 50,000gpd and serves more than 667 people per day, the Agency must obtain a 208 Plan Amendment approval with said application, or the Utility Plan must be updated to include the Lift Station project before Site Application Approval.			
<b>D. Current Wastewater Utility Service Area (WUSA) Agency / Project Information, Appendix A.</b>			
<b>WUSA Boundary currently recognized and approved:</b>		<b>Proposed Lift Station capacity:</b>	
WUSA map: <a href="https://nfrwqpa.colorado.gov/agency-service-area-maps">https://nfrwqpa.colorado.gov/agency-service-area-maps</a>		Maximum Month Average Hydraulic Capacity in million gallons per day (MGD)	New: Current: Capacity Increase:
Latitude & Longitude of Lift Station		Peak Hour Hydraulic Capacity in million gallons per day (MGD)	New: Current: Capacity Increase:
County		Organic Capacity (lbs. BOD <sub>5</sub> /day)	New: Current: Capacity Increase:

The current WUSA or proposed WUSA must demonstrate that the Management or Operating agency has the ability to provide sewage service to all types of water rights within the WUSA boundary. This may be demonstrated by a map illustrating water providers and differing water rights by crosshatched boundaries overlaid on a WUSA Map.

**WUSA Population Information****Current WUSA Population and Projections:**

Current population:	
5 Years:	
10 Years:	
15 Years:	
20 Years:	

**Current Single Family Equivalents (SFEs) and Projections:**

Current SFEs:	
5 Years:	
10 Years:	
15 Years:	
20 Years:	

Population Source:

SFEs Source/Factor(s):

Include a map illustrating the new lift station vicinity within the WUSA, stream segment, and discharge location, Appendix B. Sources of information:

1. NFRWQPA Agency Wastewater Utility Service Area Maps; <https://nfrwqpa.colorado.gov/agency-service-area-maps>
2. NFRWQPA GIS Database; <https://data-nfrwqpa.hub.arcgis.com/>

**Lift Station projected loads.****Current or anticipated lift station Flow loads (mgd):****Current or anticipated lift station Organic loads (lbs. BOD<sub>5</sub>/day):**

<b>Design Capacity (mgd)</b>		<b>Organic Design Capacity</b>	
Current Flow Load		Current Organic Load	
5 Year Flow Load		5 Year Organic Load	
10 Year Flow Load		10 Year Organic Load	
15 Year Flow Load		15 Year Organic Load	
20 Year Flow Load		20 Year Organic Load	
Year at 80% Design Capacity		Year at 80% Design Capacity	
Year at 95% Design Capacity		Year at 95% Design Capacity	

**Receiving Agency WWTF projected loads.****Current or anticipated WWTF Flow loads (mgd):****Current or anticipated WWTF Organic loads (lbs. BOD<sub>5</sub>/day):**

<b>Design Capacity (mgd)</b>		<b>Organic Design Capacity</b>	
Current Flow Load		Current Organic Load	
5 Year Flow Load		5 Year Organic Load	
10 Year Flow Load		10 Year Organic Load	
15 Year Flow Load		15 Year Organic Load	
20 Year Flow Load		20 Year Organic Load	
Year at 80% Design Capacity		Year at 80% Design Capacity	
Year at 95% Design Capacity		Year at 95% Design Capacity	

**Project Agency Capacity.****Current WWTF load & lift station load:****WWTF Approved Capacity:**

Maximum Month Average Hydraulic Capacity in million gallons per day (MGD)	MGD	Maximum Month Average Hydraulic Capacity in million gallons per day (MGD)	MGD
Peak Hour Hydraulic Capacity in million gallons per day (MGD)	MGD	Peak Hour Hydraulic Capacity in million gallons per day (MGD)	MGD
Organic Capacity (lbs. BOD <sub>5</sub> /day)	lbs. BOD <sub>5</sub> /day	Organic Capacity (lbs. BOD <sub>5</sub> /day)	lbs. BOD <sub>5</sub> /day

**E. Lift Station Location Map and Land Use, Appendix C.**

Please attach a map of the new lift station location and current and or proposed land use zoning maps of the WUSA and Lift Station Project Site.

Sources of information:

1. USGS' National Land Cover Dataset (NLCD, <http://www.mrlc.gov/>)
2. USDA's National Agricultural Statistics Service (NASS, <http://www.nass.usda.gov/>)
3. Colorado State University WRAP tool (<https://erams.com/catena/tools/colorado-collaborative/watershed-assessment/>) under the "Land Surface" data category for any area of interest across the country
4. County and city land and zoning maps.

**F. Floodplain (FEMA) or other natural Hazards, Appendix D.**

Is the proposed lift station in a 100-year floodplain or other natural hazard areas? Evidence that the proposed site and facility operations will not be adversely affected by floodplain or other natural hazards. Where such hazards are identified at the selected site, the report shall describe means of mitigating the hazard.

**G. Land Ownership, Appendix E.**

Legal arrangements showing control of the site for the project life or showing the ability of the entity to acquire the site and use it for the project life.

**H. Right of Way Easements, Appendix F.**

Legal arrangements showing control of the site or right-of-way easements for the project life or showing the ability of the entity to acquire the site or right-of-way and use it for the project life. Noting, all right of way easements must be obtained for NFRWQPA Site Application approval.

**I. Regional Agreement/Consolidation - Agency Intergovernmental Agreement(s) (IGAs), letters, or statements, Appendix G.**

For the project, provide a letter from all existing sanitation districts or other sewer service entities within 5 miles stating the feasibility of providing service to the lift station's service area and the justification for not connecting to an existing facility where feasible. These IGAs, letters, or statements ensure long term 208 planning collaboration between agencies concerning WUSA boundaries and wastewater treatment facility (5-mile radius) consolidation. Understanding that gravity flow sewers are preferred over lift stations.

**J. Agency Certification, the agency or receiving agency has or will have the capacity to support the Proposed Lift Station**

<i>Receiving Agency Capacity Certification</i>		<i>Current agency/system WWTF approved design capacity</i>	
<b>Applicant Legal Representative (e.g., Public Works Director)</b> Typed Name:		Maximum Month Average WWTF Hydraulic Capacity in million gallons per day (MGD)	MGD
<b>Signature:</b>		Peak Hour WWTF Hydraulic Capacity in million gallons per day (MGD)	MGD
<b>Date:</b>		Organic Capacity (lbs. BOD <sub>5</sub> /day) - WWTF Only	lbs. BOD <sub>5</sub> /day

**K. Receiving Agency Certification from Regulation 22 Site Application, Appendix H.**

Confirmation, in writing, from the wastewater treatment entity that it:

- (A) Will treat the wastewater.
- (B) Is not presently receiving wastes in excess of its design capacity as defined in its site location approval and/or discharge permit, or is under construction, or will be in a phased construction of new or expanded facilities, and will have the necessary capacity to treat the projected discharge from the new or expanded lift station. Projections of flow and loading to the treatment plant over the period during which build out of the service area will occur or twenty years, whichever is less as well as current and future plant capacity information must be provided to demonstrate the plan for maintaining adequate capacity to treat. Any proposed treatment plant phased construction must be shown in the Water Quality Management Plan, or by appropriate planning and engineering studies.
- (C) Has not been in violation of any effluent limitations in its discharge permit for the last two years and is not operating under a Notice of Violation and/or Cease and Desist Order from the Division resulting from discharge permit violations. Alternatively, if there have been effluent violations or if the treatment plant is operating under a Notice of Violation and/or Cease and Desist Order from the Division, then the Division will evaluate the situation and the treatment entities' proposed corrective measures to achieve consistent compliance and determine if approval should be granted, granted with conditions, or denied.

**L. Receiving Agency Discharge Downstream Distances; NFRWQPA GIS Database; <https://data-nfrwqpa.hub.arcgis.com/>.**

The applicant must provide the receiving agency's WWTF discharge relationship to other water and wastewater treatment plants in the area by providing a 1-mile radius map to all drinking water wells and sources and a 5-mile radius map to all wastewater facilities. Providing the distances to the nearest water supply intake, name of supply and the next nearest discharge point, name of the facility, to the proposed WWTF discharge point. The applicant must determine if the new or additional lift station discharge will affect the other discharges on the stream segment and any drinking water supplies on the segment.

Downstream distance from the discharge point to the nearest domestic water supply intake? Name of supply? Address of supply?  
Please include a 1-mile radius map of domestic water supplies, Appendix I.

Distance:  
Name of Supply:  
Address of Supply:

Downstream Distance from the discharge point to the next nearest permitted discharge? Name of the user? Address of the user?  
Please include a 5-mile radius map of permitted discharges, Appendix J.

Distance:  
Name of User:  
Address of User:

Will the additional discharge of the Lift Station affect other dischargers on the stream segment? Name of the user? Address of the user? No:  Yes:

Distance:  
Name of User:  
Address of User:  
If yes, explain:

**M. Receiving Agency WWTF Discharging Stream Segment WID & EPA Classifications and Assessments.**

The Stream Segment and EPA Classifications may be obtained with Divisions Section 305(b) Integrated Water Quality Monitoring and Assessment Report here:  
<https://cdphe.colorado.gov/rulemaking-boards-and-commissions/water-quality-control-commission/water-quality-control-commission>

Stream Segment WID:				
Stream Segment WID Description:				
Stream Segment IR Category:		Acres/Miles:		
Aquatic Life Tier:		Recreational Tier:		
EPA Classified Use	Assessment	Analyte	Category / List	Priority
Aquatic Life Use				
Recreation				
Agriculture				
Water Supply				
Wetlands				
Aquatic Life Use				

**N. Receiving Agency WWTF Discharging Stream Segment TMDLs.**

The Stream Segment TMDLs may be obtained within Divisions Regulation #93 and the 303(d) list of impaired waters here:  
<https://cdphe.colorado.gov/impaired-waters>

Stream Segment WID:				
Stream Segment WID Description:				
Affected Use	Analyte	Category / List	Priority	

**O. Receiving Agency CDPS Permit, Primary Effluent Limits (PELs), or Notice of Authorization (NOA) requirements and constraints, Appendix K.**

**CDPS permit or PELs description and information:**

CDPS #:	Expiration Date:
PELs #:	Expiration Date:
CDPS Status:	Active: <input type="checkbox"/> Administratively Extended: <input type="checkbox"/>
NOA #:	
Other CDPS or PELs info:	

d) Will the Lift Station create any difficulties in meeting the water quality limits of the CDPS, PELs, or NOA for the permitted agency?

Explain:

**P. Responsible Parties.**

What agency or entity is financially responsible for the construction of the new Lift Station?

What agency or entity has the financial responsibility for owning and long-term operating expense of the new Lift Station?

What agency or entity has the financial responsibility for managing and operating expense of the new Lift Station after construction?

**Q. Management Capabilities - Intergovernmental Agreement(s) (IGAs), Appendix L.**

Management capabilities for controlling the wastewater loadings within the proposed lift station capacity limitations, i.e., user contracts, operating agreements, pretreatment requirements, and/or the management capabilities to expand the facilities as needed (subject to the appropriate, future review and decision procedures). Include intergovernmental agency agreement(s) with agencies agreeing to the lift station, including collection systems to be served by the lift station, and capacity sharing agreements. Including contracts to pay for acceptable waste treatment. IGAs may be simple nonlegal agreements that document agencies agree to the lift station, or agree to be served by the lift station. These IGAs ensure long term 208 planning collaboration between agencies concerning WUSA boundaries and consolidation WWTFs (5-mile radius).

**R. Financial 20-Year Capabilities, Appendix M.**

Provide a 20-year financial budget developed to provide necessary capital and continued operation, maintenance, capital improvement projects, and replacement through the life of the project.

**S. Emergency Operations Plan, Appendix N.**

Demonstration of the owner's capability to operate and maintain the facility, which shall include an emergency operations plan. The emergency operations plan shall outline procedures to minimize the possibility of sanitary sewer overflows and health hazards to the public and operations personnel. The emergency operations plan shall include information on, but not be limited to telemetry, backup power supply identification, portable emergency pumping equipment, emergency storage/overflow protection, and operator emergency response time.

**T. Lift Station Implementation plan, schedule, and costs.**

Project Schedule

Cost Estimates

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How is the projected funded?

<b>U. Current Lift Station Condition Assessment, Appendix O.</b>
If a current lift station is being utilized for a capacity increase, please provide a recent condition assessment.

<b>V. 208 Areawide Water Quality Management Plan Considerations.</b>
For lift station 208 Plan amendment projects in the region, indicate how this project aligns with the Association’s current 208 Areawide Water Quality Management Plan as a regional solution to optimize wastewater utility service area collection systems to ensure present and future wastewater needs are met economically and with a focus on protecting, maintaining, or restoring water quality.

<b>W. Agency Point Source Inventory Data, Appendix P.</b>
Include the Agency’s updated Point Source Inventory Data summary for adoption into the 208 AWQMP. Examples may be viewed on the NFRWQPA website, <a href="https://nfrwqpa.colorado.gov/agency-point-source-data-inventory">https://nfrwqpa.colorado.gov/agency-point-source-data-inventory</a> .

**X. Responsible Party Certification.**

System Name	
Project Title	
County	

**Receiving Treatment Entity Information – Certification of Available Treatment Capacity**

Receiving Treatment Entity		Receiving Treatment Plant	
CDPS Permit No.		Permit Capacity	
Site Location Approval No. (Appendix Q)		Site Location Approved Capacity	

**Proposed lift station capacity impacts on receiving treatment plant**

Proposed maximum month average hydraulic capacity:		MGD
Proposed peak hour hydraulic capacity:		MGD
Proposed maximum month average organic loading capacity:		lbs BOD <sub>5</sub> /day
Proposed treatment works will increase the receiving treatment plant's hydraulic loading to:		(% of total plant capacity)
Proposed treatment works will increase the receiving treatment plant's organic loading to:		(% of total plant capacity)

**Receiving wastewater treatment capacity information in accordance with existing site approval and discharge permit**

I certify that the receiving treatment plant is not presently receiving wastes in excess of the design capacity as defined in the above listed site location approval and discharge permit and has the capacity to treat the projected discharge from the proposed lift station (initial in box).

OR

I certify that the receiving treatment plant does not currently have the capacity to serve the proposed project flows but is under construction, or will be in a phased construction of new or expanded facilities, and will have the necessary capacity to treat the projected discharge from the proposed lift station (initial in box).

Estimated date capacity will be available:

I certify that the receiving treatment entity information presented above is correct and that the treatment plant is currently capable (or will be capable) of treating the wastewater produced by the proposed lift station.

**Receiving Treatment Entity Representative**

Position/Title:	Typed Name:	Signature:	Date:
Email:	Phone:		

### Recommendation of Review Agencies

*NOTE: NFRWQPA will route and acquire the required signatures, not the applicant.*

<b>Signature of Management Agency (Applicant), if different from other entities listed below</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>Signature of County Planning Department</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>1. Adjacent Signature of City or Town, could be multiple adjacent boundaries of WUSA Amendment being proposed needed for approval</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Adjacent Signature of City or Town, could be multiple adjacent boundaries of WUSA Amendment being proposed needed for approval</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>3. Adjacent Signature of City or Town, could be multiple adjacent boundaries of WUSA Amendment being proposed needed for approval</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>4. Adjacent Signature of City or Town, could be multiple adjacent boundaries of WUSA Amendment being proposed needed for approval</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>Signature of Local Health Authority</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>Signature of Other Basin Water Quality Authority, Watershed Association, Watershed Authority, etc., if the facility is located in a Water Quality Control Commission Watershed Protection Control Area.</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>
<b>Signature of North Front Range Water Quality Planning Association</b>				
<b>NOTE: NFRWQPA signature is obtained, including the Association's recommendation, after the public hearing decision of the 208 plan amendment.</b>				
<b>Role</b>	<b>Date</b>	<b>Typed Name / Agency</b>	<b>Signature</b>	
		<b>Recommend Approval?</b>	<b>Yes</b>	<b>No</b>
			<input type="checkbox"/>	<input type="checkbox"/>



Review Agency Comments:


Appendix A  
Current WUSA Map recognized and approved by NFRWQPA

Appendix B

Map Identifying Stream Segment WID, WWTF, discharge location, and Lift Station

Appendix C  
Land use and Zoning Map of WUSA and Lift Station Project Site

Appendix D  
FEMA Flood Plain Maps identifying the proposed Lift Station site

Appendix E  
Land Ownership Documentation

Appendix F  
Right of Way Easements

Appendix G

Regional Agreement/Consolidation - Intergovernmental Agreements (IGAs), Letters, or Statements



Appendix H  
Receiving Agency Certification from Regulation 22 Site Application (must be signed)

Appendix I  
1-mile Radius Map Identifying Drinking Water wells or water sources

Appendix J  
5-mile Radius Map Identifying other permitted discharges

Appendix K  
CDPS Permit, Primary Effluent Limits (PELs), or Notice of Authorization (NOA) requirements and constraints

Appendix L  
Management Capabilities - Intergovernmental Agreements (IGAs), Letters, or Statements

Appendix M

20-Year Financial Budget and Capabilities, Maintenance and Operations for the life of project

Appendix N  
Emergency Operations Plan

Appendix O  
Current Lift Station Condition Assessment



Appendix P  
Agency Point Source Inventory Data

Appendix Q  
Wastewater Treatment Facility Site Application Approval - Regulation 22