



# 1041 PERMIT APPLICATION

## NORTHERN DELIVERY SYSTEM

### TRIVIEW METROPOLITAN DISTRICT

#### RSI- W0224.21029



**PREPARED BY**

Gwen Dall, P.E.  
RESPEC  
5540 Tech Center Drive, Suite 100  
Colorado Springs, Colorado 80919

**PREPARED FOR**

Triview Metropolitan District and Forest Lakes Metropolitan District  
16055 Old Forest Point, Suite 302  
PO Box 849  
Monument, CO 80132

**JANUARY 2023**

Project Number W0224.21029





## EXECUTIVE SUMMARY

El Paso County Development Services  
2880 International Circle  
Colorado Springs, CO 80910  
Attn: Kari Parsons

February 2023

Re: Triview Metropolitan District and Forest Lakes Metropolitan District  
Northern Delivery System 1041 Application

Dear Ms. Parsons,

As a representative of the applicants, Triview Metropolitan District (Triview) and Forest Lakes Metropolitan District (Forest Lakes) we are preparing submittal requirements for the 1041 application for a proposed water delivery system.

The Northern Delivery System (NDS) is proposed to bring renewable water to Northern El Paso County municipal customers. The existing Southern Delivery System infrastructure will be utilized to convey, treat, and deliver surface water to the north end of the Colorado Springs Utilities (Springs Utilities) service area at a location known as the Springs Utilities Highway 83 Storage Tank. The proposed NDS project will convey water from the existing Springs Utilities Highway 83 Storage Tank through a proposed pump station and proposed 16" diameter transmission main at which point it will be delivered to Triview Metropolitan District's existing 1.1 MG C-Plant Tank located in the Sanctuary Pointe Development. From this delivery point, the water will be delivered to Forest Lakes Metropolitan District and other future partner's via Triview Metropolitan District's distribution system. Internal distribution system improvements will be required and include approximately 2,850 ft of 12" diameter pipeline and in the future, a proposed 1.5 MG storage tank that will be located adjacent to the District's existing B-Plant tank. Details of the proposed distribution system improvements, including the future tank are not included in this 1041 submittal since the tank will be located on land within the Town of Monument boundaries. The proposed booster pump station and approximately 4.4 miles of the 16" diameter pipeline are located within the jurisdictional boundaries of El Paso County (EPC).

The proposed booster pump station will be constructed on land owned by the City of Colorado Springs and is located east of the intersection of Old Northgate Road and Highway 83 and lies within unincorporated El Paso County. The water conveyed by the project is potable water that is treated by Colorado Springs Utilities prior to arriving at the existing Highway 83 Storage Tank. No water treatment is proposed as part of this application but there will be a chlorine boosting system installed at the booster pump station to ensure that a 0.20 mg/L chlorine residual can be maintained through the 16" diameter pipeline before the water arrives at the existing C-Plant Tank.

The proposed pipeline route begins at the booster pump station and proceeds west across private property and then continues west within the Old Northgate Road right of way, north within



the Roller Coaster Road right of way, west within the Baptist Road right of way and private property until it reaches land within the Town of Monument jurisdiction. Fire hydrants will be provided along the pipeline.



The project is proposed for construction by Triview Metropolitan District and Forest Lakes Metropolitan District, but the infrastructure will be sized to serve additional water suppliers in Northern El Paso County that may choose to partner with the project in the future. The design flowrate for the booster pump station and 16" transmission pipeline is 4 MGD.

Information regarding the project, and in the form of the 1041 guidelines (2.303, 3.201, & 4.201) are outlined in this submittal.

- 1041 Documents Related to 2.303 (Items 1-23)

- 1041 Documents Related to 3.201 (Items 1 - 4)

- 1041 Documents Related to 4.201 (Items 1-6)



# TABLE OF CONTENTS

## Discussion of Items Related to Section 2.303

Exhibit B	Application for a Permit to Conduct a Designated Activity of State Interest or to Engage in Development in a Designated Area of State Interest
Appendix A	Vicinity Map and Extents of El Paso County Jurisdictional Review
Appendix B	Severed Mineral Rights Certification
Appendix C	Résumés
	(1) Gwen Dall
	(2) Sarah Itz
Appendix D	ROW and Easement Information
	(1) ROW and Easement Map
	(2) Draft Easement and Revocable License Agreements
	(3) Adjacent Property Owners Map
Appendix E	Preliminary Construction Plans
	(1) Pipeline
	(2) Booster Pump Station
Appendix F	Map of Alternatives Considered
Appendix G	Land Use Maps
	(1) Land Zoning Map
	(2) School and Fire District Map
	(3) Water Districts within Northern El Paso County Map
	(4) Land Zoning in Potential Service Areas
Appendix H	Triview Metropolitan District's 2022 Annual Budget Report
Appendix I	Letter from the Office of Archaeology and Historic Preservation
Appendix J	Geotechnical Reports
Appendix K	Preliminary Cost Estimate for NDS Project
Appendix L	Critical Habitat Map
Appendix M	Wetlands Map
Appendix N	Cultural Resources Survey Map
Appendix O	100-year Floodplain Map
Appendix P	Biological Assessment
Appendix Q	NRCS Soil Conservation Report
Appendix R	Update on Status of Intergovernmental Agreement with Colorado Springs Utilities
Appendix S	Agreement with El Paso County Public Works for Roller Coaster Road Restoration
Appendix T	RFP for CM/GC and Kiewit Experience and Resumes
Appendix U	Resolution of Triview Metropolitan District Concerning Route Selection
Appendix V	Final Drainage Report for Northern Delivery System Booster Pump Station
Appendix W	Traffic
	(1) Method of Traffic Handling
	(2) Construction Detour Map
Appendix X	Basis of Design Report for Chlorine Boosting System
Appendix Y	Pueblo County 1041 Approvals/Updates
	(1) 1041 Approval from Pueblo County, Permit No. 2022-002
	(2) Letter of Request for Stonewall Springs Reservoir Complex
Appendix Z	Laydown Area Map

Discussion of Items Related to Section 3.201

Discussion of Items Related to Section 4.201