



This report does not provide the level of detail needed in a wastewater treatment report, and appears to conflict information in other documents. Subdivision summary sheet indicates that some lots proposed to be served by central sewer and others by OWTS; however, there is no mention of OWTS in this report.

This should wind up being a hybrid report with all components of OWTS report for those lots proposed to be served by OWTS and all components of wastewater treatment report for those lots proposed to be served by central.

OWTS report has been added to appendices and a section on the 5-acre lots on the south side of the site has been mentioned.

## WASTEWATER DISPOSAL REPORT

### FLYING HORSE NORTH PUD/PRELIMINARY PLAN

October 2023

**Prepared by:**

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(719) 300-4140

**Prepared for:**

Flying Horse Development, LLC



## **TABLE OF CONTENTS**

### **1.0 WASTERWATER DISPOSAL**

- A. Map Showing Relative Location of Point of Connection to an Existing System**
- B. Map Showing Relative Location of the Existing or Proposed Treatment Facility**
- C. Estimate of Projected Population, Units, and Density**
- D. Capacity of the Existing Treatment Plant and Current Utilization**
- E. Anticipated Capacity of any Proposed Treatment Plant**
- F. Letter of Commitment from the Wastewater Provider Proposed for Service with Service Boundaries**
- G. Statement by the Wastewater Provider that Adequate Capacity Exists**
- H. Estimate of Construction Costs**

### **2.0 Exhibits**

- Exhibit 1 – Map Showing Point of Connection to Existing System and Location of CMD WWTF**
- Exhibit 2 – Letter of Intent to Serve**



## 1.0 WASTEWATER DISPOSAL

The purpose of this report is to discuss the specific wastewater needs of the proposed Flying Horse North development in El Paso County, Colorado.

The project consists of 913.6 acres and roughly 796 residential units, 68.8 acres of commercial, and a hotel. Located between Black Forest Rd and Highway 83, within Section 31 of Township 11 South, Range 65 West of the 6th Principal Meridian and Section 36 of Township 11 South, Range 66 West. Residential and commercial properties within the development will be provided wastewater services through an agreement with Cherokee Metropolitan District (CMD).

### A. Map Showing Relative Location of Point of Connection to an Existing System

Refer to Exhibit 1

### B. Map Showing Relative Location of the Existing or Proposed Treatment Facility

Refer to Exhibit 1

### C. Estimate of Projected Population, Units, and Density (Average Day)

Projected Wastewater Loads: Wastewater projections are based on average-daily design flows specified in COS Wastewater Line Extension and Service Standards. It is expected that Flying Horse North will generate an average of 227,182 gallons/day of wastewater. Table 1 below summarizes the projected wastewater loads for the entire Flying Horse North project. Values used for calculating projected loadings are summarized in table 2.

*Table 1 - Overall Projected Wastewater Loads*

	Wastewater Projected Loading (GPD)
<b>Residential</b> - 796 Units	129,350
<b>Hotel</b> - 225 rooms, 50 branded flats, meeting space, spa, bars, pools, etc.	70,493
<b>Commercial and Parks</b> - Black Forest Rd, internal site, amenity and fitness centers, parks, etc.	27,339
<b>TOTAL</b>	<b>227,182</b>



*Table 2- Average-Daily Design Flows per Colorado Springs Utilities Standards*

	Average-Daily Design Flow
Single Family (2.5 person per unit)	65 Gal / Person / Day
Commercial	1,300 Gal / Ac / Day

**D. Capacity of the Existing Treatment Plant and Current Utilization**

The CMD WRF has a permitted capacity of 4.8 MGD. The current loading of the WRF is approximately 2.0 MGD.

**E. Anticipated Capacity of any Proposed Treatment Plant**

No treatment plants are proposed to be constructed for this project. The existing CMD WRF has the capacity to treat the projected wastewater loading from Filing 1.

**F. Letter of Commitment from the Wastewater Provider Proposed for Service w/Service Boundaries**

CMD has signed a letter of intent to provide wastewater service to the Flying Horse North development. The letter of intent is enclosed as Exhibit 2.

**G. Statement by the Wastewater Provider that Adequate Capacity Exists**

Refer to Exhibit 2 for the letter of intent which includes CMDs statement of adequacy.

**H. Estimate of Construction Costs**

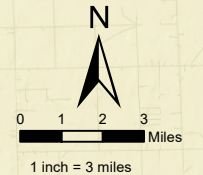
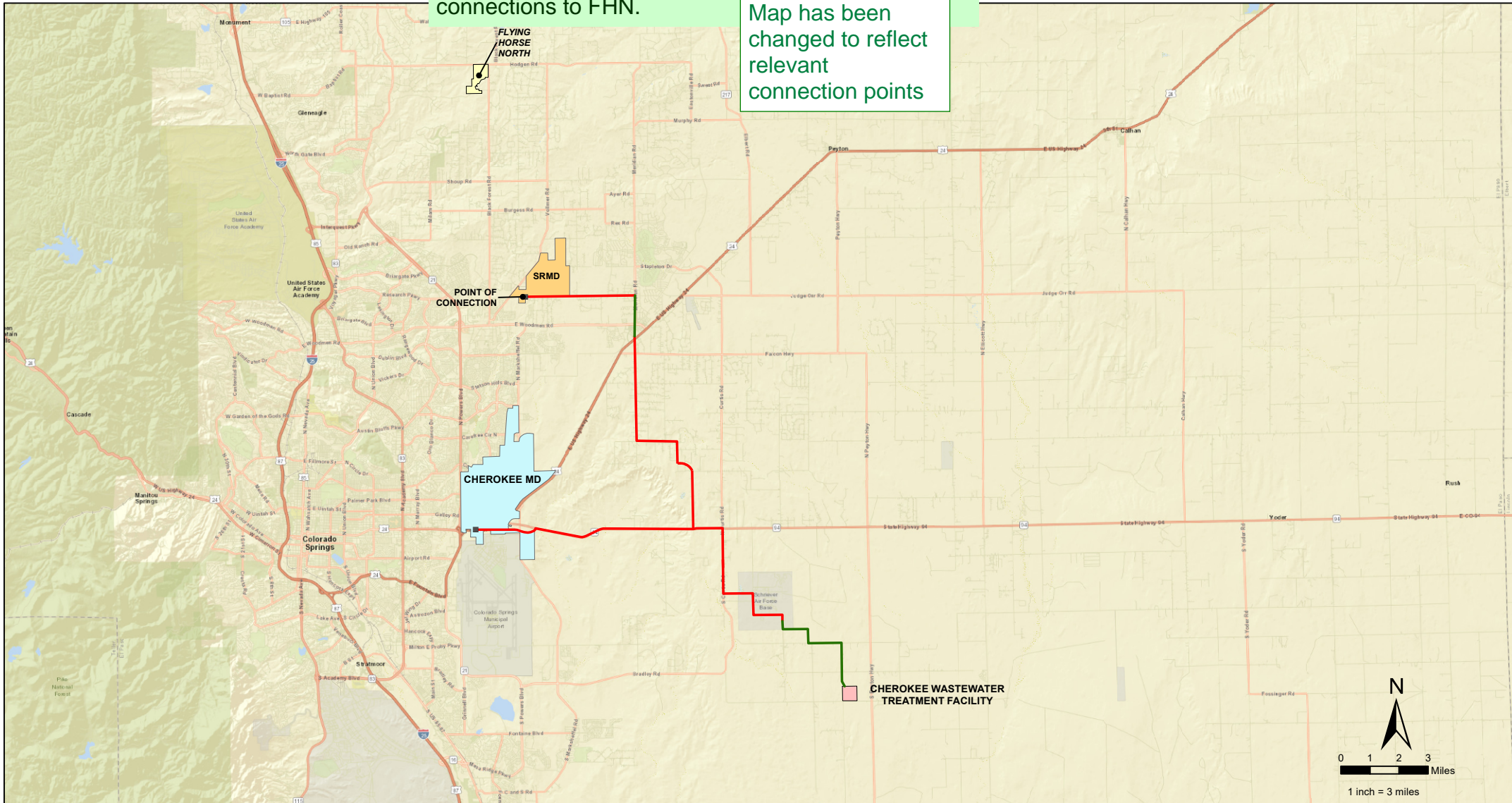
The initial construction cost estimate to convey the wastewater to the CMD WRF is \$12-15 million.



**Exhibit 1**

I'm not sure how this map is totally relevant, as it shows connections to Sterling Ranch, and no connections to FHN.

Map has been changed to reflect relevant connection points




**Flying Horse North  
Wastewater Disposal Report  
Exhibit 1**

*El Paso County  
Colorado*

**Legend**

- Gravity Main
- Force Main

Data Source:  
Coordinate System: NAD 1983 StatePlane Colorado Central FIPS 0502 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983  
Units: Foot US





**Exhibit 2**



# CHEROKEE METROPOLITAN DISTRICT

6250 Palmer Park Blvd., Colorado Springs, CO 80915-1721

Telephone: (719) 597-5080 Fax: (719) 597-5145

January 12, 2022

Jeff Smith  
Flying Horse North

**Re: Cherokee Metro District – Water and Wastewater Service to Flying Horse North**

Dear Mr. Smith:

As you know, Cherokee Metropolitan District (“Cherokee”) has participated in several meetings with representatives from the proposed development known as Flying Horse North (“FHN”) to discuss the terms and conditions upon which Cherokee would be willing to provide water and wastewater service to FHN. As we have discussed, Cherokee does not currently have the capacity to serve the full build-out demand for FHN with renewable water sources (i.e. sources that are not derived from ground water rights to the Denver Basin Aquifers), and therefore any commitment to serve FHN must be contingent upon the development of additional water resources and infrastructure capacity, as described below. Additionally, at the time of this letter the FHN development is not located within the boundaries of Cherokee Metropolitan District, and therefore Cherokee and FHN must determine whether FHN will be included into Cherokee’s District boundary, or alternatively whether the water and wastewater service will be provided by extraterritorial intergovernmental agreement.

The purpose of this letter of intent (“LOI”) is to outline the general terms upon which Cherokee would be willing to provide water and wastewater service to FHN:

1. FHN will petition Cherokee to include the FHN development area within the Cherokee Metropolitan District service area. Such petition will be given reasonable consideration by Cherokee in accordance with applicable law. Alternatively, Cherokee and FHN may agree that Cherokee will provide water and wastewater service to FHN as a bulk extraterritorial customer through an intergovernmental agreement.
2. FHN will plan, design, and construct, subject to Cherokee’s approval, the potable water distribution system within the FHN development.
3. FHN will fund the planning, design, and construction of the water infrastructure necessary for Cherokee to produce and deliver the raw water supplies that will meet the projected build-out demands at FHN, and to deliver potable water to FHN, including water quality treatment to the appropriate potable drinking water standards.
4. FHN will pay a water development charge for the cost of the water rights that will be used to provide the subject water supply to FHN.
5. FHN will plan, design, and construct, subject to Cherokee’s approval, the wastewater infrastructure necessary to connect to Cherokee’s wastewater system and to meet the projected build-out wastewater demand at FHN.




6. To the extent an expansion of wastewater treatment capacity at Cherokee's Water Reclamation Facility is necessary to provide wastewater service to FHN, FHN will fund FHN's proportionate costs associated with planning, design, and construction of an expansion of the wastewater treatment capacity at Cherokee's Water Reclamation Facility, as well as any necessary upsizing of any wastewater collection and/or delivery infrastructure.
7. Cherokee will not provide water service for golf course irrigation purposes.
8. The water rights used to provide water service to FHN must be approved for use in Cherokee's pending replacement plan case (Case No. 08GW71).
9. Cherokee shall retain all right, title and interest in and to all water provided for use at FHN, including the right of use and reuse to extinction and the right to reclaim, recapture, or otherwise dispose of all return flows, whether such return flows occur from outdoor uses or as wastewater, for augmentation and all other lawful purposes.
10. FHN will fund the cost of developing the infrastructure necessary to allow FHN to receive delivery of the water that is made available from the approved replacement plan.

This LOI is non-binding on both parties. Accordingly, this LOI does not constitute a binding obligation on the part of either party to enter into any binding contract, or any subsequent agreements whatsoever; and does not constitute a binding obligation on the part of either party to consummate any agreement. This LOI is not to be construed as an offer of services. Neither party shall be under any legal obligation with respect to the proposed services unless and until a contract has been mutually executed and delivered by the parties.

This LOI may be executed in counterparts. Scanned, photocopied, and DocuSign signatures delivered by e-mail will be treated as original signatures for all purposes hereunder.

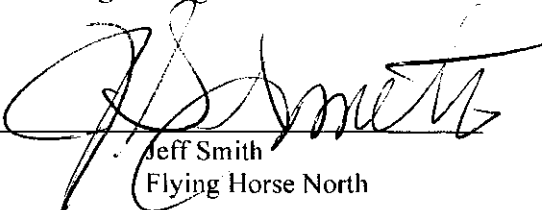
Please indicate that you agree with these terms by signing below and returning a copy of this LOI at your earliest convenience. Cherokee requests signature or comments on or before 5:00 p.m. on Jan. 17, 2022. This proposed LOI shall have no force or affect unless signed by both parties.

Sincerely,



Amy Lathen, General Manager  
Cherokee Metropolitan District  
6250 Palmer Park Boulevard  
Colorado Springs, Colorado 80915

I acknowledge and agree with the terms set forth above:

By:   
Jeff Smith  
Flying Horse North