



July 19, 2021

El Paso County Planning Department  
2880 International Circle  
Colorado Spring, CO 80910

RE: Meadowbrook Park  
SE1/4 of Sec. 8, Twp. 14S, Rng. 65W, 6<sup>th</sup> P.M.  
Water Division 2, Water District 10  
CDWR Assigned Referral No. 27430

To Whom It May Concern:

We have received a referral regarding the above referenced proposal to subdivide an existing 8.1 acre tract of land into 67 residential lots with irrigated open areas. According to the submittal, the proposed supply of water and wastewater disposal is to be served by Cherokee Metropolitan District ("Cherokee").

This office previously provided written comments, dated May 5, 2021, regarding the proposed development. It appears that the current referral reduces the water supply requirements for the subdivision; therefore this letter should supersede previous comments.

### **Water Supply Demand**

The Water Supply Information Summary, Form No. GWS-76 was included with the submittal. The Subdivision Summary Form and the Water Resource Report estimated the water supply needs as follows:

Use	Amount	Water Use Rate	Demand (acre-feet/year)
Residences	67 units	0.22 AF per unit	14.74
Irrigation, fully watered	0.88 acres	2.43 AF/year per acre	2.14
Irrigation, reduced watering	1.07 acres	0.97 AF/year per acre	1.04
<b>Total</b>			<b>17.92</b>

Please note that standard water use rates, as found in the Guide to Colorado Well Permits, Water Rights, and Water Administration, are 0.3 acre-foot/year for each ordinary household, 0.05 acre-foot/year for four large domestic animals, and 0.05 acre-foot/year for each 1,000 square feet (2.2 acre-feet/year per acre) of lawn and garden irrigation.

### **Source of Water Supply**

The source of water for the proposed development will be Cherokee Metropolitan District. An updated letter of commitment from Cherokee, dated May 6, 2021, was provided with the referral materials indicating that Cherokee is committed to providing 18.0 acre-feet/year to the proposed subdivision.



According to the records of this office, Cherokee has sufficient water resources to supply this development as described above.

### **Additional Comments**

Should the development include construction and/or modification of any storm water structure(s), the applicant should be aware that, unless the structure can meet the requirements of a “storm water detention and infiltration facility” as defined in section 37-92-602(8), Colorado Revised Statutes, the structure may be subject to administration by this office. The applicant should review DWR’s *Administrative Statement Regarding the Management of Storm Water Detention Facilities and Post-Wildland Fire Facilities in Colorado*, located at <https://dnrweblink.state.co.us/dwr/ElectronicFile.aspx?docid=3576581&dbid=0> to ensure that the notification, construction and operation of the proposed structure meets statutory and administrative requirements. The applicant is encouraged to use *Colorado Stormwater Detention and Infiltration Facility Notification Portal*, located at <https://maperture.digitaldataservices.com/gvh/?viewer=cswdif>, to meet the notification requirements.

### **State Engineer’s Office Opinion**

Pursuant to Section 30-28-136(1)(h)(II) C.R.S., it is the opinion of this office that the proposed water supply can be provided without causing injury to decreed water rights, and the supply is expected to be adequate. Should you or the applicant have questions regarding any of the above, please feel free to contact me directly.

Sincerely,



Kate Fuller, P.E.  
Water Resource Engineer

Cc: Bill Tyner, Division Engineer  
Doug Hollister, Water Commissioner District 10