

1. The Land Development Code uses acre-feet/year to evaluate irrigation demand. The WSIS estimates a demand for irrigation at 13.3 AF/year, based on 11,900 gpd. The Water Resource Report estimates 83,000 gpd for irrigation (roughly equivalent to 11,900 gpd), which should equate to 4.316 million gpy, not 1.9 million gpy as stated in the Report.

Please make sure that your calculations are consistent across all documents and that the final, total demand amount for irrigation is expressed in acre-feet per year.

2. The Report identifies a total water demand for the project of 6.645 million gpy, which equates to 20.41 acre-feet/year, not the 27.9 identified in the WSIS. Please reconcile.

3. Pursuant to Sections 8.4.7 (B)(3)(c)(v) and (e) of the Land Development Code, please add information to the Water Resources Report regarding Donala's total water supply and its current commitments to serve.

In addition, please update the Water Resources Report, Water Supply Information Summary and Commitment letter to indicate the project name as "Academy Gateway Subdivision Filing No 2".

Principal Meridian (choose only one): ☒ Sixth ☐ New Mexico ☐ Ute ☐ Costilla

**Optional GPS Location:** GPS Unit must use the following settings: Format must be **UTM**, Units

Easting: \_\_\_\_\_

### TNE Response to County Attorney Water

1. People don't irrigate year round in the pikes peak region, so your assumption that 83000 gpd x 52 weeks is the yearly water use is wrong. I don't know exactly how the landscape architect calculated the irrigation water demand, but I do know it only covers a portion of the year. The 1,900,000 gpy is accurate.

USE	WATER REQUIREMENTS			
	Gallons per Day	Acre-Feet per Year		
HOUSEHOLD USE # _____ of units			<input type="checkbox"/> EXISTING WELL	<input type="checkbox"/> DEVELOPED SPRING
COMMERCIAL USE # <u>66,460</u> of S. F	<u>13,000</u>	<u>14.6</u>	WELL PERMIT NUMBERS	
IRRIGATION # <u>3.5</u> of acres	<u>11,900</u>	<u>13.3</u>		
STOCK WATERING # _____ of head				
OTHER: _____				
TOTAL	<u>24,900</u>	<u>27.9</u>		
			<input type="checkbox"/> MUNICIPAL <input type="checkbox"/> ASSOCIATION <input type="checkbox"/> COMPANY <input checked="" type="checkbox"/> DISTRICT NAME <u>Donala Water...</u>	
			LETTER OF COMMITMENT FOR SERVICE <input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO	
			<input type="checkbox"/> NEW WELLS - PROPOSED AQUIFERS - (CHECK ONE) <input type="checkbox"/> ALLUVIAL <input type="checkbox"/> UPPER ARAPAHOE <input type="checkbox"/> UPPER DAWSON <input type="checkbox"/> LOWER ARAPAHOE <input type="checkbox"/> LOWER DAWSON <input type="checkbox"/> LARAMIE FOX HILLS <input type="checkbox"/> DENVER <input type="checkbox"/> DAKOTA <input type="checkbox"/> OTHER: _____	
			WATER COURT DECREE CASE NUMBERS: _____ _____ _____	

11. WAS AN ENGINEER'S WATER SUPPLY REPORT DEVELOPED? ☒ YES or ☐ NO IF YES, PLEASE FORWARD WITH THIS FORM.  
(This may be required before our review is completed.)

### 12. TYPE OF SEWAGE DISPOSAL SYSTEM

☐ SEPTIC TANK/LEACH FIELD

☐ LAGOON

☐ ENGINEERED SYSTEM (Attach a copy of engineering design.)

☒ CENTRAL SYSTEM

DISTRICT NAME: Donala Water & Sanitation District

☐ VAULT

LOCATION SEWAGE HAULED TO: \_\_\_\_\_

☐ OTHER: