

JEFFERSON COUNTY COLORADO

Planning & Zoning Division

WELL WATER SUPPLY REPORT SUMMARY

Case Number ODP/Subdivision Name

Complies with MGWOD? Yes No NA

Standards referenced below are based on Section 21 (Water Supply) of the Land Development Regulation

Potability Data: Bacteriological Test & Chemical Analyses (to be completed by Applicant)

Water Quality Parameter	Standard	Result	Exceeds
Standard Bacteria <i>Total Coliform Present/Absent Test</i>	Absent		
2,4,5-TP (Silvex)	0.05 mg/L		
2,4-D	0.07 mg/L		
Ammonia as N	1.5 mg/L		
Arsenic	0.05 mg/L		
Barium	2.0 mg/L		
Boron	0.6-1.0 mg/L		
Cadmium	0.005 mg/L		
Calcium as CaCO ₃	75 mg/L		
Chloride	250 mg/L		
Chromium	0.1 mg/L		
Color	15 Color Units		
Copper	1.3 mg/L		
Dissolved Solids	500 mg/L		
Endrin	0.002 mg/L		
Fluoride	4.0 mg/L		
Gross Alpha	15 pCi/L		
Iron	0.3 mg/L		
Lead	0.015 mg/L		

Water Quality Parameter	Standard	Result	Exceeds
Lindane (g-BHC)	0.0002 mg/L		
Magnesium	100 mg/L		
Manganese	0.05 mg/L		
Mercury	0.002 mg/L		
Methoxychlor	0.04 mg/L		
Molybdenum	0.04 mg/L		
Nitrate	10.0 mg/L		
Phosphate as P	25-100 ug/L		
Radium 226	3 pCi/L		
Selenium	0.05 mg/L		
Silver	0.10 mg/L		
Sodium	20 mg/L		
Specific Conductance	50-500 micromhos/cm		
Sulfate	250 mg/L		
Total hardness of CaCO ₃	80-100 mg/L		
Toxaphene	0.003 mg/L		
Turbidity	0.5-5.0 NTU		
Zinc	5.0 mg/L		

Representative Test Well Data (to be completed by Applicant)

Depth of well(s): (feet) Well Permit Number:

Location of well(s): Quarter of Section , T S, R W of the 6th PM

Distances From Section Lines: feet from the section line and feet from the section line

Latitude: Longitude: Format must be UTM, Units must be Feet, Datum must be NAD83, Unit must be set to true N, Zone 13
use decimal format use decimal format

Pumping rate(s): gallons per min. (gpm)

Duration of pump test(s): (hours) Date of test(s):

Statements Regarding Well Water Supply *(to be completed by Applicant)*

The expected water requirements of the subdivision at full build-out including the various water uses to be permitted:	
The estimated consumptive use of water by the subdivision:	
The source of water for the subdivision and the dependability of this source:	
Evidence of ownership or right of acquisition of or use of existing and proposed water rights:	
An evaluation of the potential for material injury to existing water rights as a result of the subdivision, including the cumulative effect of on-lot wells:	
Historic use and estimated yield of claimed water rights:	
Amenability of existing water rights to a change in use:	
Type of sewage disposal system proposed:	

Aquifer Test Report (if required) *(to be completed by Applicant)*

Aquifer Test: Demonstrate the aquifer's ability to yield withdrawal rates that would satisfy the proposed uses.	
All existing wells within 600 feet of test wells monitored during the aquifer test.	
Production well(s) and observation well(s), if any, monitored for at least 24-hours after pumping stops or until 90% recovery has occurred.	
An evaluation of the adequacy of the water supply for the proposed uses.	

Report and Plan Preparation *(to be completed by Applicant)*

Name and date of either a professional Geologist or Colorado professional engineer, qualified in the field of water resource engineering, who prepared report:	
List of references and other supportive data:	<i>Please Attach List</i>

Comments *(to be completed by Jefferson County Staff)*

Waivers requested? If so, provide rationale and Case Number.	
Miscellaneous Comments	