



Weld County Residential Water Well Study

Project Name: COGCC - Environmental Support
Project Number: 25087038

Permit No: Not applicable
Owner: Norm Anderson

Well Owner Survey

Is there a holding tank for the well? Yes _____ No X
Do you have a water softener/treatment system? Yes X No _____
Do you have an in-line filter? Yes _____ No X
Sampling point upstream of pressure tank and treatment system? Yes X No _____

Address: NE Corner of Weld County Roads
42 & 45, La Salle, Colorado
Location: T 4 N, R 65 W, S 23
Date: 8/11/2009
Weather: Sunny, 80 degrees F

Location of well: Approximately 100 feet west-southwest of the residence
Type of pump (jet, submersible, suction): Submersible
Casing material and diameter: PVC
Depth to Static Water Table (fluctuations): 10 feet below surface grade
Description of area around well: Relatively flat, dirt/gravel/patches of grass, residential/agricultural land
Location and description of sample point: Approximately 30 feet west-northwest of the well; similar landscape as well
Pump start time: 12:05 PM

Time	Volume Purged (gal.)	PH (SI Units)	Spec-Cond (ms/cm)	DO (mg/L)	Turbidity (NTU)	Temperature (°C)	Clarity	Other *
12:05 PM					moderate		moderate	none
12:22 PM	15	8.99	1.636	0.92	moderate	20.86	moderate	none
12:26 PM	19	9.00	1.648	0.89	slight	20.89	clear	none
12:30 PM	23	9.00	1.648	0.89	slight	20.81	clear	none

* odors (if any); effervescence (if any); produced sediment (if any); evidence of bacterial fouling (bioslimes or biofilms).

Field Sample ID : Anderson Collection Time: 12:35-12:55 Number of Containers: 12

Analyte	# of Containers	Container Size	Type	Analytical Method	Preservative
Dissolved Methane	3	40 ml	vial	RSK175	4°C
BTEX	2	40 ml	vial	8021	HCl 4°C
Dissolved Metals Mn, Na, Ca, Mg, K, Fe, Se)	1	500 ml	HDPE	200.7	4°C
Br, Cl, F, SO ₄	1	250 ml	HDPE	300	4°C
CO ₃ , HCO ₃	1	500 ml	HDPE	2320B	4°C
NO ₃ , NO ₂	1	250 ml	HDPE	353.2	H ₂ SO ₄ , 4°C
pH	1	125 ml	HDPE	150.1	4°C
Spec. Cond., TDS	2	250 ml	HDPE	2540C	4°C
Duplicate Sample Collected?	Yes:		No:	X	

Sampler: Chris Roy

Duplicate ID: Not applicable

GPS Coordinates

Latitude: N 40° 17' 28.9" Longitude: W 104° 38' 20.5"

40.291361

104.639028

Comments: Typical daily water use is approximately 30-50 gallons a day (domestic, no irrigating). The well is 300 feet deep, with the bottom 60 feet consisting of screen.