

**Residential Water Well Field Data Form**

Project Name: COGCC - Environmental Support
Project Number: 25087038 Task 26

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 No X
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, Section 23

Date: 9/30/2009

Weather: Sunny and Windy, 75 degrees F

Location of well: Approximately 350 feet west-northwest of the residence

Type of pump (jet, submersible, suction): Jet

Casing material and diameter: 16-inch steel

Depth to Static Water Table (fluctuations): Approximately 10 feet below surface grade

Description of area around well: Gravel/dirt driveway and agricultural field

Location and description of sample point: Gravel/dirt driveway and agricultural field

Pump start time: 12:50 PM

Time	Volume Purged (gal.)	PH (SI Units)	Spec Cond (ms/cm)	DO (mg/L)	Turbidity (NTU)	Temperature (°C)	Clarity	Other *
12:50 PM					None		Clear	None
1:04 PM	28	7.01	1.405	3.56	None	13.03	Clear	None
1:07 PM	34	7.01	1.404	3.51	None	13.05	Clear	None
1:10 PM	40	7.01	1.403	3.42	None	13.06	Clear	None
1:12 PM	44				None		Clear	None
1:18 PM	56				None		Clear	None

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

Field Sample ID : Norm Anderson Irrigation Collection Time: 1:15 PM Number of Containers: 14

Analyte	# of Containers	Container Size	Type	Analytical Method	Preservative
Dissolved Methane	3	40 ml	vial	RSK175	4°C
Dissolved Metals / Total Metals	2	250 ml	poly	200.7	4°C / HNO ₃ , 4°C
Aromatic Volatile Organics	2	40 ml	vial	8021	HCl, 4° C
Total Dissolved Solids	1	500 ml	poly	TDS_W	4° C
Isotopic Analysis	1	1 L	plastic	NG-2	biocide, 4° C
Fluoride, Anions by IC	2	125 ml	poly	F_W / 300.0	4° C
Specific Conductance at 25°C	1	125 ml	poly	COND_W	4°C
Carbonate/Bicarbonate	1	250 ml	poly	CARB/BICARB	4°C
TOX	1	1 L	amber	TOX_SUB	H ₂ SO ₄ , 4°C
Duplicate Sample Collected?	Yes:		No:	X	

Sampler: Chris Roy

Duplicate ID: Not applicable

GPS Coordinates

Latitude: 40° 17' 30.9" Longitude: 104° 38' 23.1"

Comments: Well is approximately 75 feet below surface grade in the alluvium. Well produces approximately 1,300 gallons per minute.

Typical water use is irrigation five hours a day, every 14 days in the summer. Isotopic analysis put on hold until further direction from COGCC, pending results from dissolved methane analysis. BART sample not collected.



Photo #1 View of the purged water



Photo #2 View of the purging process while collecting parameters



Photo #3 View of the sampling location in relation to the well house



Photo #4 View of the well house in relation to the residence. Residence is the yellow structure located behind the off-white garage