Residential Water Well Field Data Form

Project Name: Noble Baseline Sampling
Project Number: NEP0605

Sample Date: 11/13/2015
Permit No: 223919- -
Receipt No: 0457189B
Owner: Jerry and Patty Feather
Address: 875 W. Berry Ave
Littleton, CO 80120
Location: NWNE Sec15 T2N R64W
Weather: Sunny, low 40s

Well Owner Survey

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

Location of well: 150 feet west of home.
Type of pump (jet, submersible, suction): Electric submersible
Casing material and diameter: 6 5/8" steel, +1-40'. 4.5" steel, 40-600'. 4.5" perforated steel, 600-920'.
Depth to Static Water Table (fluctuations): 398 ft
Description of area around well: Residence surrounded by rangeland
Location and description of sample point: Spigot on lift pipe. Well approximately 100' west of house at south end of grapevines.
Pump start time: 1008
Pumping rate: 10 gpm

Time	Flow Rate (gpm)	pH (SI Units)	Specific Cond. (µs/cm)	DO (mg/L)	Temperature (°C)	Clarity
1010	10	8.08	1350.6	0.10	15.66	Turbid
1013	10	8.17	1360.5	0.04	19.11	Turbid
1016	10	8.17	1361.4	0.07	19.48	Turbid
1019	10	8.23	1379.0	0.04	19.96	Turbid
1022	10	8.33	1448.2	0.02	20.19	Turbid
1025	10	8.37	1500.3	0.01	20.37	Turbid
1028	10	8.41	1503.9	0.00	20.41	Turbid
1031	10	8.40	1497.9	0.02	20.45	Turbid

Notes: SI - standard units; µs/cm - microsiemens per centimeter; mg/L - milligrams per liter; °C - degree Celsius; gpm - gallons per minute

Field Sample ID: Feather 0457189B
Collection Time: 1046
Number of Containers: 11
Sampler : A. Okamoto

Field Observation	Present	Not Present	Comments
Odor		x	
Sediment		x	
Bubbles	x		
Effervescence	x		Highly effervesent

Water Color: Slight yellow-grey

Duplicate sample collected? Yes: ☐ No: ☑

Duplicate ID:

GPS Coordinates

Latitude: 40.14236
Longitude: -104.53671 PDOP 4.2

Comments: Flow reduced to <0.5 gpm for 15 min prior sampling. Turbid, yellowish-grey water, no sediment, no odor, and high effervesence. Smartroll deconned and calibrated in field. PDOP <5.0. Difficulty turning on pump, hose frozen.