

Field Sampling Data Sheet

Facility ID:	County Line	Sample Type:	Monitoring Well
Collection Date:	30-Jun-21	Weather:	Sunny, clear, 85F
Well API/Location ID:	474767	Sampler(s):	Erin Bailey
Sample ID:	MW-1		

Depth Information

Depth to Water:	15.4 feet
Total Depth:	50.2 feet

Water Well Information Onsite

Latitude:	40.00167264	Elevation:	4953 feet
Longitude:	-104.7063293		
Description of Sample Location and Condition:	Monitoring well in alfalfa field northeast of E 168th Ave and I-76		
Purging Start Time:	11:35 AM		

Time	pH (s.u.)	Turbidity (NTU)	Specific Conductance (µs/cm)	Temperature (°C)	Dissolved Oxygen (mg/L)	Oxidation- reduction potential (mV)	Color/Appearance/ Sediment	Odor (Yes/ No)	Effervescence (Yes/No)
11:35	7.66	2418.60	1439	14.0	3.46	-14.5	Clear	No	Yes
11:38	7.56	1204.4	1428	13.9	3.47	-26.1	Silty, brown	No	Yes
11:41	7.56	733.67	1456	12.7	1.98	-19.8	Silty, brown	No	Yes
11:44	7.53	603.11	1455	12.9	1.98	-38.1	Silty, brown	No	Yes
11:47	7.53	597.20	1450	12.9	2.00	-40.0	Silty, brown	No	Yes
11:50	7.53	599.01	1449	12.9	2.01	-41.6	Silty, brown, slightly less opaque	No	Yes

s.u. = standard unit
 NTU = Nephelometric Turbidity Unit
 (µs/cm) = micro siemens per centimeter
 (°C) = degrees Celsius
 mg/l = micrograms per liter
 mV = millivolts

Purge Rate (gpm):	0.4
Purge Time (minutes):	15
Total Purge Volume (gallons):	6
Sampling Flow Rate (gpm):	0.4

Equipment Calibration:	Geotech calibrates before each use.
Decontamination Procedures:	Submersible pump and YSI decontaminated between each purge. New tubing used for each well sampled.
PPE Used:	Nitrile gloves; protective glasses

Comments:	Once clear water at top of column was purged, water was silty and the consistency of a frosty. It cleared up slightly by the time samples were collected, but was still silty.
-----------	--