

Cross Roads Land Development
Former PCS Nitrogen Site
MONITORING WELL DATA
 sample date October 15-17, 2018

PCE - 2020 mg/L

WELL	Depth	Water Level top of casing	Gallons purged *	Temp F	Ph	Ammonia mg/L	Nitrate mg/L	Nitrite mg/L	Notes
MW-7	19'.5"	3'.5"	9.9	✓ 52	✓ 7.2	✓ 111	✓ 91.1	✓ 3.9	handball, obstruction at 3' debris in housing, customer needs to add tubing/foot valve
MW-14	17'	12'	7.5	✓ 60.4	✓ 7	✓ 252	✓ 312	<1.0 ✓	hand bail, customer need to add tubing/foot vavle
MW-20	23'	18'.5"	3.9	✓ 58	✓ 7	✓ 0.88	✓ 79.3	<1.0 ✓	hand bail, turbid, customer need to add tubing/foot valve
MW-23	16'	14'	8.7	✓ 58.8	6.87	✓ 7.36	✓ 6.4	<0.1 ✓	
MW-24	25'	25' flooded	15.6	✓ 51.9	7.1 6.8	✓ 2.48	✓ 18.1	<0.1 ✓	sampling tubing full of water flowing slightly
APC - 0.958 MW-200B	112'	6'	39.6	✓ 55.3	7.1 7.1	✓ 91.8	✓ 46.9	<1.0 ✓	Turbid
1.90 MW-200C	80'	11'	42.9	✓ 56	7.3 7.6	✓ 16.6	✓ 18.3	<0.1 ✓	New Well outside of inner tube coated w/ brown yellow mud
ND MW-200D	191'	11.5'	111.9	✓ 55.4	✓ 7.3	✓ 37.7	✓ 42.4	<1.0 ✓	Turbid
<1 MW-205B	145'	33'	69.9	✓ 53.1	7.3 7.3	✓ 4160	✓ 4120	<10.0 ✓	slight turbid some entrained air
<1 MW-205C	119'	23'	60	✓ 52.8	✓ 8.4	✓ 3060	✓ 2940	<10.0 ✓	some entrained air
<1 MW-207B	73'.6"	73'.6" flooded	36	✓ 53.8	✓ 6.5	✓ 487	✓ 699	<1.0 ✓	sampling tubing full of water flowing slightly
2.0 MW-207C	85'	85' flooded	53.1	✓ 53.2	✓ 7.1	✓ 1420	✓ 1350	<10.0 ✓	sampling tubing full of water flowing slightly
<1 MW-208B	72'	72' flooded	43.5	✓ 52	6.92	✓ 9.74	✓ 42	<1 ✓	sampling tubing full of water flowing slightly
<1 MW-208C	145'	145' flooded	88.5	✓ 51.3	✓ 7.02	✓ 3.74	✓ 52	<1.0 ✓	sampling tubing full of water flowing slightly
4.00 MW-209B	165'	120' flooded	96	✓ 51.7	✓ 7.1	<10.0	✓ 10.8	<0.1 ✓	Combined MW209B&C
MW-209C		18'10"				20.10			
MW-210B	85'	11'	84	✓ 53.8	✓ 6.9	✓ 3.21	✓ 8.3	<0.1 ✓	11' freeboard encountered bentonite in well sample turbid
MW-210C		11'							combined MW210 B&C

*(0.785 x D2 x depth) x 7.48 = gallons purge 3 volumes

Field sample collected by Russ Royce, QC Analytical Services, LLC
 Report generated by Len Hoogerwerf, QC Analytical Services, LLC
 Next sample event October 2023