

MONITOR WELL DEVELOPMENT

WELL: PL-1-486

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T C	Cond	Turbidity	Initials	Comments
9/16/88	1140	bail	16.5	16.5	--	--	--	very silty	JPK	Bailer capacity = 5.5 gallons.
9/16/88	1210	bail	38.5	55	7.65	24	120x10	very turbid	JPK	Water full of EZ-Mud and/or bentonite.
9/16/88	1215	bail	16.5	71.5	--	--	--	very turbid	JPK	As above.
9/16/88	1350	pump	70	141.5	7.70	27	135x10	very turbid	JPK	Water as above, pump discharge = 14 gpm.
9/16/88	1355	pump	70	211.5	--	--	--	turbid	JPK	Water still turbid, but bulk of EZ-Mud and/or bentonite has dissipated.
9/16/88	1400	pump	70	281.5	7.30	24	110x10	turbid	JPK	Slight color of EZ-Mud and/or bentonite.
9/16/88	1410	pump	140	421.5	7.25	23.9	110x10	turbid	JPK	As above.
9/16/88	1420	pump	140	561.5	7.25	23.9	110x10	turbid	JPK	As above.
9/16/88	1430	pump	140	701.5	7.25	23.8	110x10	turbid	JPK	As above.
9/16/88	1450	pump	280	981.5	7.15	24.5	110x10	turbid	JPK	As above.
9/16/88	1510	pump	280	1261.5	7.20	24.9	109x10	turbid	JPK	As above.
9/16/88	1530	pump	280	1541.5	7.15	24.9	101x10	turbid	JPK	As above.
9/16/88	1550	pump	280	1821.5	7.15	24.5	105x10	turbid	JPK	Greenish tint from EZ-Mud and/or bentonite now gone, water now cloudy and milky.
9/16/88	1610	pump	280	2101.5	7.20	24.1	108x10	turbid	JPK	As above.

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9/16/88	1615	pump	70	2171.5	--	--	--	turbid	JPK	Pump off to surge well.
9/16/88	1620	pump	--	--	--	--	--	--	JPK	Pump on.
9/16/88	1635	pump	210	2381.5	--	--	--	turbid	JPK	Water cloudy and milky, pump off to surge well.
9/16/88	1640	pump	--	--	--	--	--	--	JPK	Pump on.
9/16/88	1700	pump	280	2661.5	--	--	--	turbid	JPK	Water cloudy and milky, pump off to surge well.
9/16/88	1705	pump	--	--	--	--	--	--	JPK	Pump on.
9/16/88	1750	pump	630	3291.5	--	--	--	turbid	JPK	Water cloudy and milky, pump off.
9/17/88	0935	pump	--	--	--	--	--	--	JPK	Pump on, discharge = 15 gpm. First few gallons are stained from pump/pipe. Next 20-40 gallons are clear. Cloudiness begins at 40-50 gal. Less cloudy than last data entry.
9/17/88	0950	pump	210	3501.5	7.35	24.1	110x10	slightly turbid	JPK	Water significantly clearer.
9/17/88	1010	pump	280	3781.5	7.15	23.5	109x10	very slightly turbid	JPK	Water significantly clearer, almost colorless.
9/17/88	1015	pump	70	3851.5	--	--	--	very slightly turbid	JPK	Pump off, surge well

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9/17/88	1020	pump	--	--	--	--	--	very slightly turbid	JPK	Pump on.
9/17/88	1030	pump	140	3991.5	--	--	--	colorless	JPK	Surging made water more turbid before it cleared.
9/17/88	1035	pump	70	4061.5	--	--	--	colorless	JPK	Pump off, surge well.
9/17/88	1040	pump	--	--	--	--	--		JPK	Pump on. Initial water is colorless.
9/17/88	1045	pump	70	4131.5	--	--	--	very slightly turbid	JPK	Water turns slightly turbid when well is surged.
9/17/88	1050	pump	70	4201.5	--	--	--	very slightly turbid	JPK	Water almost colorless.
9/17/88	1055	pump	70	4271.5	7.15	23.8	110x10	very slightly turbid	JPK	Water almost colorless.
9/17/88	1110	pump	210	4481.5	7.15	23.5	109x10	very slightly turbid	JPK	Water almost colorless.
9/17/88	1115	pump	70	4551.5	--	--	--	very slightly turbid	JPK	Pump off. Surge well.
9/17/88	1140	pump	--	--	--	--	--	--	JPK	Pump on. Initial discharge is colorless.

