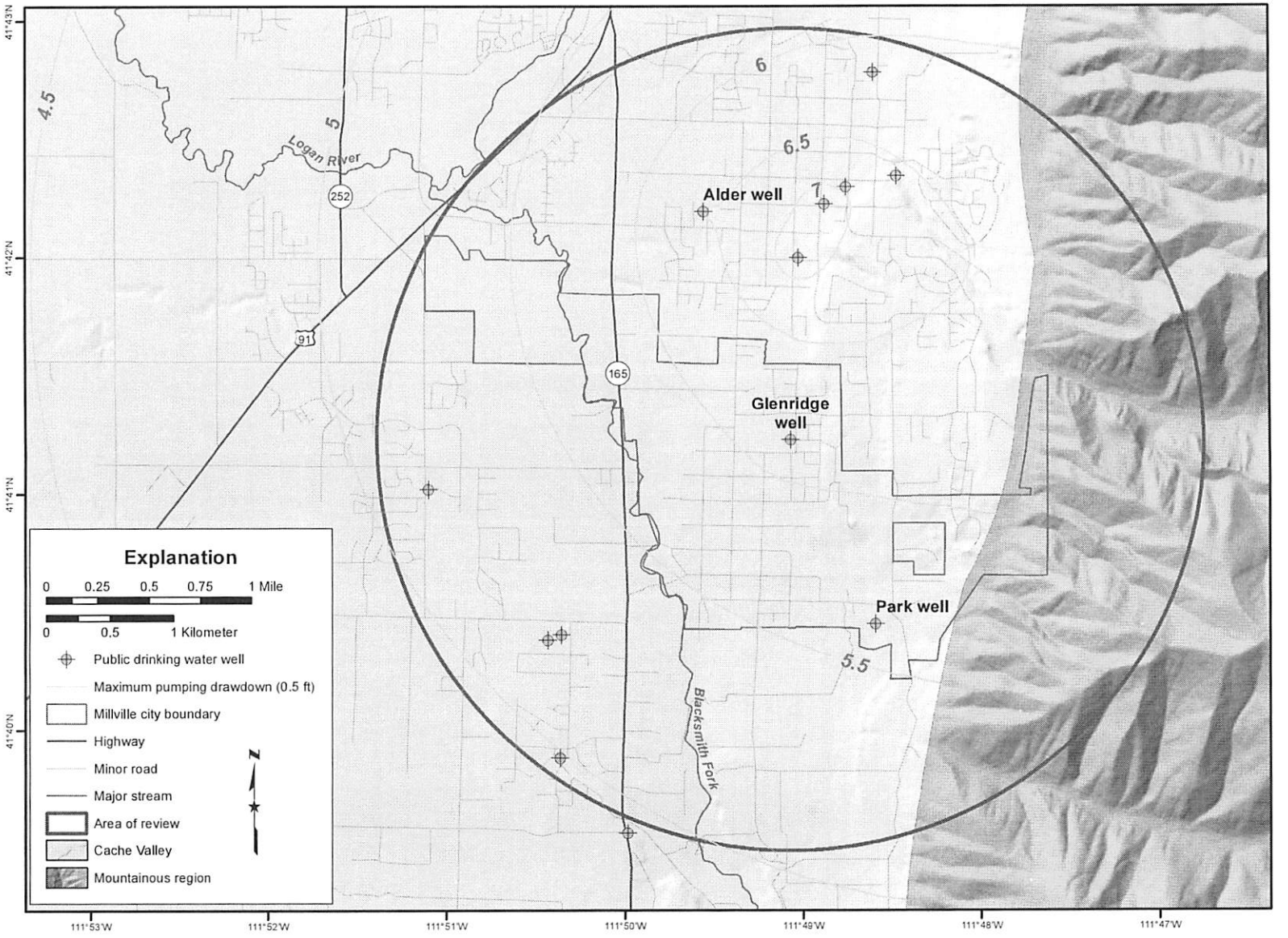

Figure 30. *Drawdown contours created using AQTESOLV model of the Millville area. The contours represent maximum pumping conditions, treating the East Cache fault as a barrier to flow. Contour interval is 0.5 feet.*

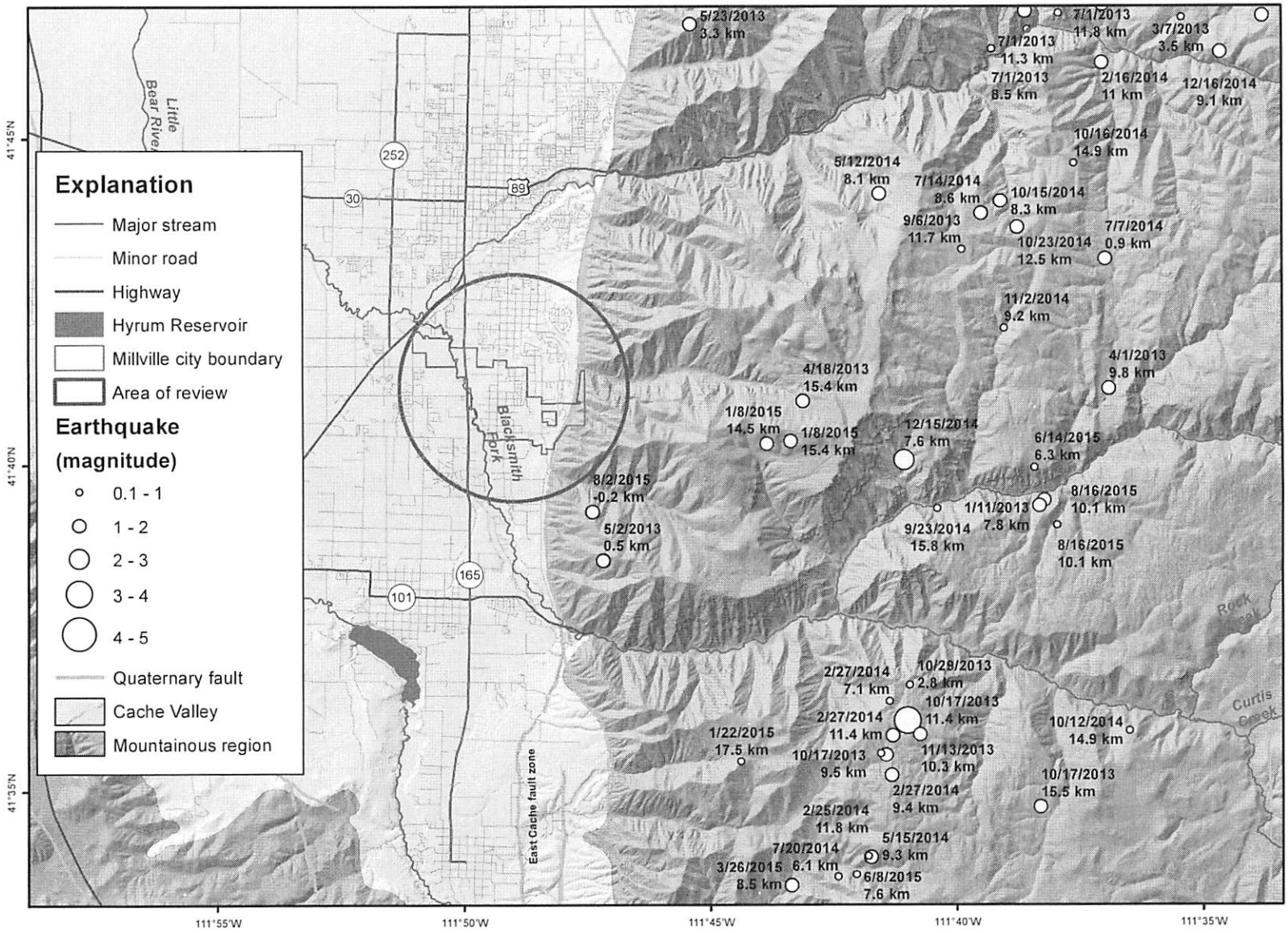

Figure 31. Earthquakes in the Millville area from January 2013 to October 2015. The label for each earthquake is the date it was measured and the approximate hypocenter elevation.

monitored to ensure that these are not building up over time. General chemistry includes calcium, magnesium, bicarbonate, sodium, and chloride and should be monitored to observe geochemical changes in the aquifer over time. Recommended metals to monitor twice per cycle include arsenic, iron, zinc, and lead, which will allow observation of ongoing oxidation reactions. I recommend that Millville conduct regularly (weekly to monthly) monitoring of the Glenridge well during each cycle for field dissolved oxygen and/or field Eh and field pH. Field-based measurements of dissolved oxygen and field Eh allow for monitoring ongoing changes in the oxidation state and general geochemistry of the aquifer. Millville should conduct periodic monitoring (monthly) of two nearby downgradient wells for nitrate, pH, and dissolved oxygen.

I also recommend that Millville conduct inspections and tests to ensure that the Glenridge well structure maintains its integrity. Millville should measure specific capacity (based on pumping rate, drawdown, and pumping duration) in the Glenridge on a yearly basis to determine if clogging/biofouling is occurring. A specific capacity test consists of pumping the well for a given duration while measuring discharge and water levels to determine how efficiently the well is operating. To maintain screen efficiency, I recommend regular inspection and service of the Glenridge well perforated intervals.

Monitoring of ambient groundwater levels at the Glenridge well, the new high school well, and one well to the north of the Glenridge well—the USU Farm well would work well for this, but other area wells (Arnold or Matthews) could be an option—could also be useful, but should not be necessary. Groundwater level monitoring would ensure that injection activities are not excessively raising local groundwater levels.

Injection and Pumping Schedule

Due to dispersion and bubble drift, Millville should plan to pump more total volume than they inject. To prevent excessive loss of injectate, the storage interval should be minimized. Based on these parameters, injection would start in January and proceed to the end of March, and pumping would begin sometime in June and end in October to match demand and water right access.

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APPENDICES

APPENDIX A
WATER CHEMISTRY

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
06/09/2015 10:00	Alder well	414213111493101		Sp. Cond.	648	umhos/cm	UGS
06/09/2015 10:00	Alder well	414213111493101		T. Sus. Solids	<4	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Turbidity	0.157	NTU	UGS
06/09/2015 10:00	Alder well	414213111493101		pH	6.915	units	UGS
06/09/2015 10:00	Alder well	414213111493101		Bicarbonate	350	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Carbon Dioxide	68	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Carbonate	0	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Hydroxide	0	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		T. Alk/CaCO3	287	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		TDS @ 180 C	376	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Nitrate + Nitrite as N	7.93	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Phosphate, Tot. Dig. (as P)	0.01	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Sulfate	11.8	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Ammonia as N	<0.02	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101		Chloride	21.8	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Boron	<30	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Calcium	91.2	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Iron	<0.02	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Magnesium	32.2	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Potassium	1.55	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Sodium	8.47	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Arsenic	<1	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Barium	0.1308	mg/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Cadmium	<0.1	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Chromium	<2	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Copper	7.727	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Lead	1.166	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Manganese	<5	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Nickel	<5	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Selenium	<1	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Silver	<0.5	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Zinc	25.784	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Aluminum	<10	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Mercury	<0.2	ug/L	UGS
06/09/2015 10:00	Alder well	414213111493101	Total	Selenium	0	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Sp. Cond.	653	umhos/cm	UGS
07/16/2015 11:15	Alder well	414213111493101		T. Sus. Solids	<4	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Turbidity	0.122	NTU	UGS
07/16/2015 11:15	Alder well	414213111493101		pH	7.471	units	UGS
07/16/2015 11:15	Alder well	414213111493101		Bicarbonate	342	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Carbon Dioxide	18	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Carbonate	0	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Hydroxide	0	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		T. Alk/CaCO3	280	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		TDS @ 180 C	400	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Nitrate + Nitrite as N	6.97	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Phosphate, Tot. Dig. (as P)	0.01	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Sulfate	<7.545	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Ammonia as N	<0.02	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Chloride	22.5	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101		Bromide	<0.02	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Boron	<30	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Calcium	84.9	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Iron	<20	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Magnesium	28.6	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Potassium	1.44	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Sodium	7.95	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Hardness (from D-CA and D-MG)	329.5	mg/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Arsenic	<1	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Barium	148.35	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Cadmium	<0.1	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Chromium	2.016	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Copper	11.512	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Lead	2.321	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Manganese	<5	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Nickel	<5	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Selenium	<1	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Silver	<0.5	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Zinc	52.242	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Aluminum	<10	ug/L	UGS
07/16/2015 11:15	Alder well	414213111493101	Dissolved	Mercury	<0.2	ug/L	UGS
09/05/2014 08:30	Arnold well	414023111484101		Nitrate + Nitrite as N	4.85	mg/L	Millville City
10/15/2014 00:00	Arnold well	414023111484101		Sp. Cond.	474	umhos/cm	UGS
10/15/2014 00:00	Arnold well	414023111484101		T. Sus. Solids	6.4	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Turbidity	2.35	NTU	UGS
10/15/2014 00:00	Arnold well	414023111484101		pH	7.575	units	UGS
10/15/2014 00:00	Arnold well	414023111484101		Bicarbonate	244	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Carbon Dioxide	10	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Carbonate	0	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Hydroxide	0	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		T. Alk/CaCO3	200	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		TDS @ 180 C	262	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Nitrate + Nitrite as N	4.21	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Phosphate, Tot. Dig. (as P)	0.018	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101	Dissolved	Silica D/SIO2	9.6	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Sulfate	18.2	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Ammonia as N	<0.035	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101		Chloride	12.2	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101	Dissolved	Calcium	50	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101	Dissolved	Magnesium	27.9	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101	Dissolved	Potassium	<1	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101	Dissolved	Sodium	11.1	mg/L	UGS
10/15/2014 00:00	Arnold well	414023111484101	Dissolved	Hardness (from D-CA and D-MG)	239.5	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Sp. Cond.	429	umhos/cm	UGS
04/01/2015 12:30	Arnold well	414023111484101		T. Sus. Solids	218	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Turbidity	91.4	NTU	UGS
04/01/2015 12:30	Arnold well	414023111484101		pH	7.698	units	UGS
04/01/2015 12:30	Arnold well	414023111484101		Bicarbonate	222	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Carbon Dioxide	7	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Carbonate	0	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Hydroxide	0	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		T. Alk/CaCO3	182	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		TDS @ 180 C	230	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Nitrate + Nitrite as N	3.91	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Phosphate, Tot. Dig. (as P)	0.219	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Silica D/SIO2	9.42	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Sulfate	24.7	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Ammonia as N	0.055	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101		Chloride	8.67	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Calcium	49.8	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Iron	28.1	ug/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Magnesium	28.5	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Potassium	2.63	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Sodium	12	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Hardness (from D-CA and D-MG)	241.5	mg/L	UGS
04/01/2015 12:30	Arnold well	414023111484101	Dissolved	Arsenic	<1	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Sp. Cond.	516	umhos/cm	UGS
07/16/2015 13:15	Arnold well	414023111484101		T. Sus. Solids	17.6	mg/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
07/16/2015 13:15	Arnold well	414023111484101		Turbidity	3.21	NTU	UGS
07/16/2015 13:15	Arnold well	414023111484101		pH	7.657	units	UGS
07/16/2015 13:15	Arnold well	414023111484101		Bicarbonate	292	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Carbon Dioxide	10	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Carbonate	0	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Hydroxide	0	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		T. Alk/CaCO3	239	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		TDS @ 180 C	306	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Nitrate + Nitrite as N	3.93	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Phosphate, Tot. Dig. (as P)	0.019	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Sulfate	<7.545	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Ammonia as N	<0.02	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Chloride	12.3	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101		Bromide	<0.02	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Boron	36	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Calcium	53.7	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Iron	<20	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Magnesium	29.7	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Potassium	3.73	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Sodium	12.7	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Hardness (from D-CA and D-MG)	256.2	mg/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Arsenic	<1	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Barium	123.45	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Cadmium	0.195	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Chromium	2.356	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Copper	20.792	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Lead	0.577	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Manganese	7.201	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Nickel	<5	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Selenium	<1	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Silver	<0.5	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Zinc	91.035	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Aluminum	<10	ug/L	UGS
07/16/2015 13:15	Arnold well	414023111484101	Dissolved	Mercury	<0.2	ug/L	UGS
08/24/2012 07:20	Garr spring	414024111481101		Nitrate + Nitrite as N	0.778	mg/L	Millville City
02/28/2014 09:15	Garr spring	414024111481101		Turbidity	<0.1	NTU	UGS
02/28/2014 09:15	Garr spring	414024111481101		TDS @ 180 C	254	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Fluoride	0.09	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Sulfate	27	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Cyanide	<0.01	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Nitrate as N	0.728	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Nitrite as N	<0.035	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Nitrate + Nitrite as N	0.764	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Phosphate, Tot. Dig. (as P)	0.008	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Ammonia as N	<0.035	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Sodium	4.28	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Arsenic	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Barium	<0.1	mg/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Cadmium	0.202	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Chromium	9.7	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Copper	2.19	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Lead	0.115	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Nickel	<5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Selenium	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Beryllium	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Thallium	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Antimony	<3	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Uranium 238	1.22	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101	Total	Mercury	<0.2	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
02/28/2014 09:15	Garr spring	414024111481101		Dalapon	<2.2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dicamba	<0.4	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		2,4-D	<0.22	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Pentachlorophenol	<0.08	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		2,4,5-TP (Silvex)	<0.44	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Picloram	<0.22	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dinoseb	<0.44	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1-Dichloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1-Dichloroethene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1-Dichloropropene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1,1-Trichloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1,2-Trichloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1,1,2-Tetrachloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,1,2,2-Tetrachloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2-Dibromo-3-chloropropane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2-Dichlorobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2-Dichloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2-Dichloropropane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		2-Chlorotoluene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2,3-Trichloropropane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2,4-Trichlorobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,3-Dichlorobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,3-Dichloropropane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,4-Dichlorobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		4-Chlorotoluene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		2,2-Dichloropropane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Benzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromodichloromethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2,3-Trichlorobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,2,4-Trimethylbenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,3,5-Trimethylbenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		1,4-Isopropyltoluene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromochloromethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dichlorodifluoromethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Hexachlorobutadiene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromomethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromoform	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chlorobenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chlorodibromomethane	0.44	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chloroethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chloroform	0.32	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chloromethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Carbon Tetrachloride	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		cis-1,2-Dichloroethene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		cis-1,3-Dichloropropene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dibromomethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Ethylbenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Ethylene Dibromide	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Methylene Chloride	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Styrene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Tetrachloroethene (PCE)	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Toluene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Total Xylene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		trans-1,2-Dichloroethene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		trans-1,3-Dichloropropene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Trichloroethene (TCE)	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Vinyl Chloride	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Isopropylbenzene	<0.5	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
02/28/2014 09:15	Garr spring	414024111481101		Methyl T-Butyl Ether (MTBE)	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Napthalene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		n-Butylbenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		n-Propylbenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Sec-butyl benzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Tert-butylbenzene	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Trichlorofluoromethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chloroform	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromodichloromethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chlorodibromomethane	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromoform	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Total THM	<0.5	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Aldicarb sulfone	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Aldicarb sulfoxide	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Aldicarb	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Carbofuran	<2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Oxamyl	<2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Carbaryl	<2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		3-Hydroxycarbofuran	<2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Methomyl	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Alachlor	<0.2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Atrazine	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Benzo (a) pyrene	<0.05	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bis (2-ethylhexyl) adipate	<0.6	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bis (2-ethylhexyl) phthalate	<0.6	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Endrin	<0.01	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Heptachlor	<0.04	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Heptachlor Epoxide	<0.02	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Hexachlorobenzene	<0.12	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Hexachlorocyclopentadiene	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Lindane	<0.02	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Methoxychlor	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Pentachlorophenol	<0.04	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Simazine	<0.07	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Toxaphene	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Aldrin	<0.21	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Alpha-Chlordane	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Gamma-Chlordane	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Trans-Nonachlor	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Chlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dichlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Heptachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Hexachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Octachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Pentachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Tetreachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Trichlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Monochloroacetic Acid	<2	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dichloroacetic Acid	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Trichloroacetic Acid	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Monobromoacetic Acid	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Dibromoacetic Acid	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Bromochloroacetic Acid	<1	ug/L	UGS
02/28/2014 09:15	Garr spring	414024111481101		Nitrate + Nitrite as N	0.728	mg/L	Millville City
10/15/2014 10:30	Garr spring	414024111481101		Alpha, gross	0.19	pc/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Beta, gross	1.7	pc/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Radium 228	6.2	pc/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Color	0	ccu	UGS
10/15/2014 10:30	Garr spring	414024111481101		Sp. Cond.	449	umhos/cm	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
10/15/2014 10:30	Garr spring	414024111481101		Odor	0	T.O.N.	UGS
10/15/2014 10:30	Garr spring	414024111481101		pH	7.752	units	UGS
10/15/2014 10:30	Garr spring	414024111481101		T. Sus. Solids	<4	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Turbidity	<0.1	NTU	UGS
10/15/2014 10:30	Garr spring	414024111481101		pH	7.784	units	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bicarbonate	256	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Carbon Dioxide	7	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Carbonate	0	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Hydroxide	0	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		T. Alk/CaCO3	210	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		TDS @ 180 C	246	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chloride	4.9446	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Fluoride	0.0782	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Sulfate	26.071	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Cyanide	<0.01	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Nitrate + Nitrite as N	0.625	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Phosphate, Tot. Dig. (as P)	0.008	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Dissolved	Silica D/SIO2	7.45	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Total Organic Carbon	<0.5	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Corrosivity	0.271	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Ammonia as N	<0.035	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Boron	<30	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Dissolved	Calcium	54.1	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Iron	<0.02	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Dissolved	Magnesium	25.6	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Dissolved	Potassium	<1	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Dissolved	Sodium	4.29	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Dissolved	Hardness (from D-CA and D-MG)	240.3	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Arsenic	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Barium	<0.1	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Cadmium	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Chromium	<2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Copper	1.049	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Lead	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Manganese	<5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Nickel	<5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Selenium	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Silver	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Zinc	<10	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Aluminum	<10	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Beryllium	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Thallium	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Antimony	<3	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Uranium 238	1.2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101	Total	Mercury	<0.2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Surfactant/MBAS	0	mg/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dalapon	<2.2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dicamba	<0.4	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		2,4-D	<0.22	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Pentachlorophenol	<0.08	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		2,4,5-TP (Silvex)	<0.44	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Picloram	<0.22	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dinoseb	<0.44	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,1-Dichloroethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,1-Dichloroethene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,1-Dichloropropene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,1,1-Trichloroethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,1,2-Trichloroethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,1,1,2-Tetrachloroethane	<0.5	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
10/15/2014 10:30	Garr spring	414024111481101		1,1,2,2-Tetrachloroethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2-Dibromo-3-chloropropane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2-Dichlorobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2-Dichloroethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2-Dichloropropane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		2-Chlorotoluene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2,3-Trichloropropane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2,4-Trichlorobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,3-Dichlorobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,3-Dichloropropane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,4-Dichlorobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		4-Chlorotoluene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		2,2-Dichloropropane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Benzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromodichloromethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2,3-Trichlorobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,2,4-Trimethylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,3,5-Trimethylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		1,4-Isopropyltoluene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromochloromethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dichlorodifluoromethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Hexachlorobutadiene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromomethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromoform	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chlorobenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chlorodibromomethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chloroethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chloroform	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chloromethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Carbon Tetrachloride	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		cis-1,2-Dichloroethene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		cis-1,3-Dichloropropene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dibromomethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Ethylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Ethylene Dibromide	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Methylene Chloride	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Styrene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Tetrachloroethene (PCE)	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Toluene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Total Xylene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		trans-1,2-Dichloroethene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		trans-1,3-Dichloropropene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Trichloroethene (TCE)	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Vinyl Chloride	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Isopropylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Methyl T-Butyl Ether (MTBE)	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Napthalene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		n-Butylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		n-Propylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Sec-butyl benzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Tert-butylbenzene	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Trichlorofluoromethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chloroform	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromodichloromethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chlorodibromomethane	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromoform	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Total THM	<0.5	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Aldicarb sulfone	<1	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
10/15/2014 10:30	Garr spring	414024111481101		Aldicarb sulfoxide	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Aldicarb	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Carbofuran	<2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Oxamyl	<2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Carbaryl	<2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		3-Hydroxycarbofuran	<2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Methomyl	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Alachlor	<0.2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Atrazine	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Benzo (a) pyrene	<0.05	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bis (2-ethylhexyl) adipate	<0.6	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bis (2-ethylhexyl) phthalate	<0.6	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Endrin	<0.01	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Heptachlor	<0.04	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Heptachlor Epoxide	<0.02	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Hexachlorobenzene	<0.12	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Hexachlorocyclopentadiene	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Lindane	<0.02	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Methoxychlor	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Pentachlorophenol	<0.04	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Simazine	<0.07	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Toxaphene	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Aldrin	<0.21	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Alpha-Chlordane	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Gamma-Chlordane	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Trans-Nonachlor	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Chlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dichlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Heptachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Hexachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Octachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Pentachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Tetreachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Trichlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Monochloroacetic Acid	<2	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dichloroacetic Acid	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Trichloroacetic Acid	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Monobromoacetic Acid	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Dibromoacetic Acid	<1	ug/L	UGS
10/15/2014 10:30	Garr spring	414024111481101		Bromochloroacetic Acid	<1	ug/L	UGS
11/04/2014 11:30	Garr spring	414024111481101		Surfactant/MBAS	<0.015	mg/L	UGS
08/24/2012 08:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	7.81	mg/L	Millville City
07/16/2013 10:15	Glenridge well	414115111490301		Nitrate + Nitrite as N	8.45	mg/L	Millville City
09/20/2013 08:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	8.14	mg/L	Millville City
02/28/2014 11:15	Glenridge well	414115111490301		Turbidity	<0.1	NTU	UGS
02/28/2014 11:15	Glenridge well	414115111490301		TDS @ 180 C	426	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Fluoride	0.11	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Sulfate	23.3	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Cyanide	<0.01	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Nitrate as N	7.65	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Nitrite as N	<0.035	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Nitrate + Nitrite as N	7.65	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Phosphate, Tot. Dig. (as P)	0.021	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Ammonia as N	<0.035	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Sodium	12.6	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Arsenic	1.09	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Barium	0.222	mg/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Cadmium	0.128	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Chromium	15.9	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
02/28/2014 11:15	Glenridge well	414115111490301	Total	Copper	1.63	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Lead	0.483	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Nickel	<5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Selenium	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Beryllium	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Thallium	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Antimony	<3	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Uranium 238	1.74	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301	Total	Mercury	<0.2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Dalapon	<2.2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Dicamba	<0.4	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		2,4-D	<0.22	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Pentachlorophenol	<0.08	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		2,4,5-TP (Silvex)	<0.44	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Picloram	<0.22	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Dinoseb	<0.44	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1-Dichloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1-Dichloroethene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1-Dichloropropene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1,1-Trichloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1,2-Trichloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1,1,2-Tetrachloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,1,2,2-Tetrachloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2-Dibromo-3-chloropropane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2-Dichlorobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2-Dichloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2-Dichloropropane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		2-Chlorotoluene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2,3-Trichloropropane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2,4-Trichlorobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,3-Dichlorobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,3-Dichloropropane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,4-Dichlorobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		4-Chlorotoluene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		2,2-Dichloropropane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Benzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromodichloromethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2,3-Trichlorobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,2,4-Trimethylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,3,5-Trimethylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		1,4-Isopropyltoluene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromochloromethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Dichlorodifluoromethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Hexachlorobutadiene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromomethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromoform	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chlorobenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chlorodibromomethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chloroethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chloroform	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chloromethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Carbon Tetrachloride	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		cis-1,2-Dichloroethene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		cis-1,3-Dichloropropene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Dibromomethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Ethylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Ethylene Dibromide	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Methylene Chloride	<0.5	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
02/28/2014 11:15	Glenridge well	414115111490301		Styrene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Tetrachloroethene (PCE)	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Toluene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Total Xylene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		trans-1,2-Dichloroethene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		trans-1,3-Dichloropropene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Trichloroethene (TCE)	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Vinyl Chloride	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Isopropylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Methyl T-Butyl Ether (MTBE)	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Napthalene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		n-Butylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		n-Propylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Sec-butyl benzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Tert-butylbenzene	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Trichlorofluoromethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chloroform	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromodichloromethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chlorodibromomethane	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bromoform	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Total THM	<0.5	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Aldicarb sulfone	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Aldicarb sulfoxide	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Aldicarb	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Carbofuran	<2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Oxamyl	<2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Carbaryl	<2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		3-Hydroxycarbofuran	<2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Methomyl	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Alachlor	<0.2	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Atrazine	0.24	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Benzo (a) pyrene	<0.05	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bis (2-ethylhexyl) adipate	<0.6	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Bis (2-ethylhexyl) phthalate	<0.6	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Endrin	<0.01	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Heptachlor	<0.04	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Heptachlor Epoxide	<0.02	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Hexachlorobenzene	<0.12	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Hexachlorocyclopentadiene	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Lindane	<0.02	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Methoxychlor	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Pentachlorophenol	<0.04	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Simazine	<0.07	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Toxaphene	<1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Aldrin	<0.21	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Alpha-Chlordane	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Gamma-Chlordane	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Trans-Nonachlor	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Chlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Dichlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Heptachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Hexachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Octachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Pentachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Tetreachlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Trichlorobiphenyl	<0.1	ug/L	UGS
02/28/2014 11:15	Glenridge well	414115111490301		Nitrate + Nitrite as N	7.65	mg/L	Millville City
03/01/2014 11:15	Glenridge well	414115111490301		Monochloroacetic Acid	<2	ug/L	UGS
03/02/2014 11:15	Glenridge well	414115111490301		Dichloroacetic Acid	<1	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
03/03/2014 11:15	Glenridge well	414115111490301		Trichloroacetic Acid	<1	ug/L	UGS
03/04/2014 11:15	Glenridge well	414115111490301		Monobromoacetic Acid	<1	ug/L	UGS
03/05/2014 11:15	Glenridge well	414115111490301		Dibromoacetic Acid	<1	ug/L	UGS
03/06/2014 11:15	Glenridge well	414115111490301		Bromochloroacetic Acid	<1	ug/L	UGS
03/17/2014 10:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.68	mg/L	Millville City
03/19/2014 10:40	Glenridge well	414115111490301		Nitrate + Nitrite as N	1.01	mg/L	Millville City
03/19/2014 14:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.922	mg/L	Millville City
03/19/2014 14:05	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.767	mg/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Phosphate, Tot. Dig. (as P)	0.009	mg/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Ammonia as N	<0.035	mg/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Monochloroacetic Acid	<2	ug/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Dichloroacetic Acid	<1	ug/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Trichloroacetic Acid	<1	ug/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Monobromoacetic Acid	<1	ug/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Dibromoacetic Acid	<1	ug/L	UGS
03/19/2014 14:05	Glenridge well	414115111490301		Bromochloroacetic Acid	<1	ug/L	UGS
03/19/2014 16:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.799	mg/L	UGS
03/19/2014 20:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.883	mg/L	Millville City
03/19/2014 22:15	Glenridge well	414115111490301		Nitrate as N	0.854	mg/L	UGS
03/19/2014 22:15	Glenridge well	414115111490301		Nitrite as N	<0.007	mg/L	UGS
03/20/2014 08:50	Glenridge well	414115111490301		Nitrate + Nitrite as N	1.04	mg/L	UGS
03/21/2014 09:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	1.49	mg/L	Millville City
03/21/2014 10:06	Glenridge well	414115111490301		Nitrate + Nitrite as N	4.07	mg/L	Millville City
03/21/2014 12:47	Glenridge well	414115111490301		Nitrate + Nitrite as N	1.56	mg/L	Millville City
03/21/2014 16:18	Glenridge well	414115111490301		Nitrate + Nitrite as N	1.64	mg/L	Millville City
03/22/2014 09:37	Glenridge well	414115111490301		Nitrate + Nitrite as N	2	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Sp. Cond.	562	umhos/cm	UGS
03/24/2014 10:15	Glenridge well	414115111490301		T. Sus. Solids	<4	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Turbidity	<0.1	NTU	UGS
03/24/2014 10:15	Glenridge well	414115111490301		pH	7.683	units	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Bicarbonate	302	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Carbon Dioxide	10	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Carbonate	0	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Hydroxide	0	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		T. Alk/CaCO3	248	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		TDS @ 180 C	332	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.0531	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Phosphate, Tot. Dig. (as P)	0.015	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Sulfate	25.1	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Ammonia as N	<0.035	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301		Chloride	11.7	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Boron	<30	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Dissolved	Calcium	59.9	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Calcium	60.9	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Iron	<0.02	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Dissolved	Magnesium	30.3	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Magnesium	31.1	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Dissolved	Potassium	1.16	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Potassium	1.15	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Dissolved	Sodium	7.51	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Sodium	7.62	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Dissolved	Hardness (from D-CA and D-MG)	274.1	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Arsenic	<1	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Barium	0.12511	mg/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Cadmium	<0.1	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Chromium	<2	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Copper	1.402	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Lead	0.263	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Manganese	<5	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
03/24/2014 10:15	Glenridge well	414115111490301	Total	Nickel	<5	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Silver	<0.5	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Zinc	<10	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Aluminum	<10	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Mercury	<0.2	ug/L	UGS
03/24/2014 10:15	Glenridge well	414115111490301	Total	Selenium	<1	ug/L	UGS
03/24/2014 10:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	3.02	mg/L	Millville City
04/08/2014 14:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	4.23	mg/L	Millville City
04/16/2014 13:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	4.75	mg/L	Millville City
05/05/2014 13:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	5.29	mg/L	Millville City
05/28/2014 13:45	Glenridge well	414115111490301		Nitrate + Nitrite as N	6.45	mg/L	Millville City
06/30/2014 14:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	6.55	mg/L	Millville City
07/10/2014 14:20	Glenridge well	414115111490301		Nitrate + Nitrite as N	6.49	mg/L	Millville City
07/28/2014 09:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	6.52	mg/L	Millville City
08/20/2014 11:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	7.31	mg/L	Millville City
09/05/2014 09:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	7.65	mg/L	Millville City
10/15/2014 11:30	Glenridge well	414115111490301		Alpha, gross	1.1	pc/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Beta, gross	0.76	pc/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Radium 228	1.6	pc/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Color	0	ccu	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Sp. Cond.	779	umhos/cm	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Odor	0	T.O.N.	UGS
10/15/2014 11:30	Glenridge well	414115111490301		pH	7.514	units	UGS
10/15/2014 11:30	Glenridge well	414115111490301		T. Sus. Solids	<4	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Turbidity	0.116	NTU	UGS
10/15/2014 11:30	Glenridge well	414115111490301		pH	7.604	units	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bicarbonate	394	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Carbon Dioxide	16	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Carbonate	0	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Hydroxide	0	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		T. Alk/CaCO3	323	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		TDS @ 180 C	440	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chloride	34.227	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Fluoride	0.1012	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Sulfate	28.058	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Cyanide	<0.01	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Nitrate + Nitrite as N	7.19	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Phosphate, Tot. Dig. (as P)	0.017	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Dissolved	Silica D/SIO2	13.8	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Total Organic Carbon	<0.5	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Corrosivity	0.364	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Ammonia as N	<0.035	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Boron	37.7	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Dissolved	Calcium	81.5	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Iron	<0.02	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Dissolved	Magnesium	44.9	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Dissolved	Potassium	1.82	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Dissolved	Sodium	14	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Dissolved	Hardness (from D-CA and D-MG)	388.1	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Arsenic	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Barium	0.22227	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Cadmium	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Chromium	<2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Copper	12.591	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Lead	2.608	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Manganese	<5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Nickel	<5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Selenium	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Silver	<0.5	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
10/15/2014 11:30	Glenridge well	414115111490301	Total	Zinc	26.686	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Aluminum	<10	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Beryllium	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Thallium	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Antimony	<3	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Uranium 238	1.84	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301	Total	Mercury	<0.2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Surfactant/MBAS	0	mg/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dalapon	<2.2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dicamba	<0.4	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		2,4-D	<0.22	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Pentachlorophenol	0.092	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		2,4,5-TP (Silvex)	<0.44	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Picloram	<0.22	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dinoseb	<0.44	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1-Dichloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1-Dichloroethene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1-Dichloropropene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1,1-Trichloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1,2-Trichloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1,1,2-Tetrachloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,1,2,2-Tetrachloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2-Dibromo-3-chloropropane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2-Dichlorobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2-Dichloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2-Dichloropropane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		2-Chlorotoluene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2,3-Trichloropropane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2,4-Trichlorobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,3-Dichlorobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,3-Dichloropropane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,4-Dichlorobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		4-Chlorotoluene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		2,2-Dichloropropane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Benzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromodichloromethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2,3-Trichlorobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,2,4-Trimethylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,3,5-Trimethylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		1,4-Isopropyltoluene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromochloromethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dichlorodifluoromethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Hexachlorobutadiene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromomethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromoform	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chlorobenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chlorodibromomethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chloroethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chloroform	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chloromethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Carbon Tetrachloride	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		cis-1,2-Dichloroethene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		cis-1,3-Dichloropropene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dibromomethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Ethylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Ethylene Dibromide	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Methylene Chloride	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Styrene	<0.5	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
10/15/2014 11:30	Glenridge well	414115111490301		Tetrachloroethene (PCE)	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Toluene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Total Xylene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		trans-1,2-Dichloroethene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		trans-1,3-Dichloropropene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Trichloroethene (TCE)	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Vinyl Chloride	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Isopropylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Methyl T-Butyl Ether (MTBE)	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Napthalene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		n-Butylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		n-Propylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Sec-butyl benzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Tert-butylbenzene	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Trichlorofluoromethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chloroform	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromodichloromethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chlorodibromomethane	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromoform	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Total THM	<0.5	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Aldicarb sulfone	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Aldicarb sulfoxide	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Aldicarb	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Carbofuran	<2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Oxamyl	<2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Carbaryl	<2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		3-Hydroxycarbofuran	<2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Methomyl	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Alachlor	<0.2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Atrazine	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Benzo (a) pyrene	<0.05	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bis (2-ethylhexyl) adipate	<0.6	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bis (2-ethylhexyl) phthalate	<0.6	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Endrin	<0.01	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Heptachlor	<0.04	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Heptachlor Epoxide	<0.02	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Hexachlorobenzene	<0.12	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Hexachlorocyclopentadiene	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Lindane	<0.02	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Methoxychlor	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Pentachlorophenol	<0.04	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Simazine	<0.07	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Toxaphene	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Aldrin	<0.21	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Alpha-Chlordane	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Gamma-Chlordane	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Trans-Nonachlor	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Chlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dichlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Heptachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Hexachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Octachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Pentachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Tetreachlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Trichlorobiphenyl	<0.1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Monochloroacetic Acid	<2	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Dichloroacetic Acid	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Trichloroacetic Acid	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Monobromoacetic Acid	<1	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
10/15/2014 11:30	Glenridge well	414115111490301		Dibromoacetic Acid	<1	ug/L	UGS
10/15/2014 11:30	Glenridge well	414115111490301		Bromochloroacetic Acid	<1	ug/L	UGS
11/04/2014 10:00	Glenridge well	414115111490301		Surfactant/MBAS	<0.015	mg/L	UGS
04/01/2015 10:45	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.686	mg/L	Millville City
04/01/2015 11:00	Glenridge well	414115111490301		Sp. Cond.	451	umhos/cm	UGS
04/01/2015 11:00	Glenridge well	414115111490301		T. Sus. Solids	<4	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Turbidity	0.108	NTU	UGS
04/01/2015 11:00	Glenridge well	414115111490301		pH	7.833	units	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Bicarbonate	258	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Carbon Dioxide	6	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Carbonate	0	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Hydroxide	0	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		T. Alk/CaCO3	212	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		TDS @ 180 C	252	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	0.681	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Phosphate, Tot. Dig. (as P)	0.008	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Silica D/SIO2	7.46	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Sulfate	29.5	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Ammonia as N	<0.02	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301		Chloride	5.01	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Calcium	55.9	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Iron	<20	ug/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Magnesium	26.9	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Potassium	<1	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Sodium	4.13	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Hardness (from D-CA and D-MG)	250.2	mg/L	UGS
04/01/2015 11:00	Glenridge well	414115111490301	Dissolved	Arsenic	<1	ug/L	UGS
05/20/2015 11:15	Glenridge well	414115111490301		Nitrate + Nitrite as N	1.9	mg/L	Millville City
06/25/2015 09:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	3.74	mg/L	Millville City
07/13/2015 10:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	3.32	mg/L	Millville City
07/16/2015 09:45	Glenridge well	414115111490301		Sp. Cond.	580	umhos/cm	UGS
07/16/2015 09:45	Glenridge well	414115111490301		T. Sus. Solids	<4	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Turbidity	0.123	NTU	UGS
07/16/2015 09:45	Glenridge well	414115111490301		pH	7.589	units	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Bicarbonate	308	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Carbon Dioxide	13	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Carbonate	0	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Hydroxide	0	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		T. Alk/CaCO3	253	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		TDS @ 180 C	342	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Nitrate + Nitrite as N	3.64	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Phosphate, Tot. Dig. (as P)	0.013	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Sulfate	16.7	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Ammonia as N	<0.02	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Chloride	15.3	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Bromide	0.0656	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Boron	<30	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Calcium	66.5	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Iron	<20	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Magnesium	31.4	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Potassium	1.19	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Sodium	14	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Hardness (from D-CA and D-MG)	295.1	mg/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Arsenic	<1	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Barium	128.62	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Cadmium	0.148	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Chromium	<2	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Copper	9.639	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Lead	3.639	ug/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Manganese	<5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Nickel	<5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Selenium	<1	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Silver	<0.5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Zinc	137.06	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Aluminum	<10	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301	Dissolved	Mercury	<0.2	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Chloroform	<0.5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Bromodichloromethane	<0.5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Chlorodibromomethane	<0.5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Bromoform	<0.5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Total THM	<0.5	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Monochloroacetic Acid	<2	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Dichloroacetic Acid	<1	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Trichloroacetic Acid	<1	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Monobromoacetic Acid	<1	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Dibromoacetic Acid	<1	ug/L	UGS
07/16/2015 09:45	Glenridge well	414115111490301		Bromochloroacetic Acid	<1	ug/L	UGS
08/13/2015 10:15	Glenridge well	414115111490301		Nitrate + Nitrite as N	4.56	mg/L	Millville City
08/27/2015 08:45	Glenridge well	414115111490301		Nitrate + Nitrite as N	4.94	mg/L	Millville City
09/14/2015 10:00	Glenridge well	414115111490301		Nitrate + Nitrite as N	5.53	mg/L	Millville City
09/29/2015 11:10	Glenridge well	414115111490301		Nitrate + Nitrite as N	5.61	mg/L	Millville City
08/23/2012 13:30	Hancey well	414042111483501		Nitrate + Nitrite as N	3.48	mg/L	Millville City
07/15/2013 10:15	Hancey well	414042111483501		Nitrate + Nitrite as N	3.9	mg/L	Millville City
02/28/2014 12:50	Hancey well	414042111483501		Nitrate + Nitrite as N	2	mg/L	Millville City
02/28/2014 12:50	Hancey well	414042111483501		Nitrate as N	2	mg/L	UGS
02/28/2014 12:50	Hancey well	414042111483501		Nitrite as N	<0.035	mg/L	UGS
03/19/2014 16:00	Hancey well	414042111483501		Nitrate + Nitrite as N	1.82	mg/L	UGS
09/05/2014 09:45	Hancey well	414042111483501		Nitrate + Nitrite as N	3.31	mg/L	Millville City
04/02/2015 10:20	Hancey well	414042111483501		Nitrate + Nitrite as N	4.3	mg/L	Millville City
09/21/2015 13:40	High School well	414108111494201		Nitrate + Nitrite as N	1.71	mg/L	Millville City
10/16/2014 11:00	Knowles spring	414107111483501		Nitrate + Nitrite as N	5.87	mg/L	UGS
10/16/2014 11:00	Knowles spring	414107111483501		Phosphate, Tot. Dig. (as P)	0.012	mg/L	UGS
10/16/2014 11:00	Knowles spring	414107111483501		Ammonia as N	<0.035	mg/L	UGS
08/23/2012 13:45	Knowles spring	414107111483501		Nitrate + Nitrite as N	6.89	mg/L	Millville City
07/15/2013 10:15	Knowles spring	414107111483501		Nitrate + Nitrite as N	7.72	mg/L	Millville City
09/05/2014 09:20	Knowles spring	414107111483501		Nitrate + Nitrite as N	6.54	mg/L	Millville City
04/02/2015 12:00	Knowles spring	414107111483501		Nitrate + Nitrite as N	5.41	mg/L	Millville City
07/16/2013 10:15	Matthews well	414125111491601		Nitrate + Nitrite as N	6.5	mg/L	Millville City
03/21/2014 09:30	Matthews well	414125111491601		Nitrate + Nitrite as N	6.44	mg/L	Millville City
03/24/2014 10:00	Matthews well	414125111491601		Nitrate + Nitrite as N	7.27	mg/L	Millville City
09/05/2014 11:00	Matthews well	414125111491601		Nitrate + Nitrite as N	6.85	mg/L	Millville City
03/19/2015 13:45	Matthews well	414125111491601		Nitrate + Nitrite as N	6.91	mg/L	Millville City
04/01/2015 11:30	Matthews well	414125111491601		Nitrate + Nitrite as N	6.14	mg/L	Millville City
04/30/2015 08:30	Matthews well	414115111490301		Nitrate + Nitrite as N	4.43	mg/L	Millville City
06/10/2015 11:20	Matthews well	414125111491601		Nitrate + Nitrite as N	2.77	mg/L	Millville City
06/10/2015 11:35	Matthews well	414125111491601		Nitrate + Nitrite as N	6.08	mg/L	Millville City
07/13/2015 10:15	Matthews well	414125111491601		Nitrate + Nitrite as N	6.48	mg/L	Millville City
08/27/2015 09:15	Matthews well	414125111491601		Nitrate + Nitrite as N	7.21	mg/L	Millville City
09/29/2015 11:45	Matthews well	414125111491601		Nitrate + Nitrite as N	6.02	mg/L	Millville City
07/15/2013 10:15	O. Hancey well	414052111484301		Nitrate + Nitrite as N	1.79	mg/L	Millville City
09/05/2014 09:30	O. Hancey well	414052111484301		Nitrate + Nitrite as N	2.3	mg/L	Millville City
04/02/2015 11:00	O. Hancey well	414052111484301		Nitrate + Nitrite as N	7.15	mg/L	Millville City
08/24/2012 07:20	Park well	414029111483501		Nitrate + Nitrite as N	0.821	mg/L	Millville City
09/20/2013 08:00	Park well	414029111483501		Nitrate + Nitrite as N	0.765	mg/L	Millville City
07/13/2015 10:30	Park well	414029111483501		Nitrate + Nitrite as N	0.795	mg/L	Millville City
08/23/2012 13:30	Postma well	414018111483001		Nitrate + Nitrite as N	0.77	mg/L	Millville City
07/15/2013 10:00	Postma well	414018111483001		Nitrate + Nitrite as N	1.79	mg/L	Millville City
04/02/2015 10:10	Postma well	414018111483001		Nitrate + Nitrite as N	0.666	mg/L	Millville City

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
07/16/2013 10:15	Skinner spring	414112111483101		Nitrate + Nitrite as N	5.75	mg/L	Millville City
04/14/2015 13:30	Skinner spring	414112111483101		Nitrate + Nitrite as N	1.18	mg/L	Millville City
02/28/2014 14:06	USU well	414143111495501		Nitrate as N	1.08	mg/L	UGS
02/28/2014 14:06	USU well	414143111495501		Nitrite as N	<0.035	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501		Nitrate + Nitrite as N	0.952	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501		Phosphate, Tot. Dig. (as P)	0.013	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Boron	<30	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Calcium	66	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Iron	0.62	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Magnesium	25.4	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Potassium	1.47	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Sodium	6.66	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Arsenic	<1	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Barium	<0.1	mg/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Cadmium	<0.1	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Chromium	<2	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Copper	<1	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Lead	<0.1	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Manganese	7.401	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Nickel	<5	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Silver	<0.5	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Zinc	98.646	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Aluminum	<10	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Mercury	<0.2	ug/L	UGS
03/31/2014 11:55	USU well	414143111495501	Total	Selenium	<1	ug/L	UGS
10/16/2014 10:00	USU well	414143111495501		Sp. Cond.	548	umhos/cm	UGS
10/16/2014 10:00	USU well	414143111495501		T. Sus. Solids	<4	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Turbidity	2.25	NTU	UGS
10/16/2014 10:00	USU well	414143111495501		pH	7.535	units	UGS
10/16/2014 10:00	USU well	414143111495501		Bicarbonate	318	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Carbon Dioxide	15	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Carbonate	0	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Hydroxide	0	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		T. Alk/CaCO3	261	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		TDS @ 180 C	310	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Nitrate + Nitrite as N	1.07	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Phosphate, Tot. Dig. (as P)	0.014	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501	Dissolved	Silica D/SIO2	11	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Sulfate	27.5	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Ammonia as N	<0.035	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501		Chloride	9.1	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501	Dissolved	Calcium	69.7	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501	Dissolved	Magnesium	26.6	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501	Dissolved	Potassium	1.19	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501	Dissolved	Sodium	6.4	mg/L	UGS
10/16/2014 10:00	USU well	414143111495501	Dissolved	Hardness (from D-CA and D-MG)	283.3	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Sp. Cond.	528	umhos/cm	UGS
04/01/2015 13:30	USU well	414143111495501		T. Sus. Solids	<4	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Turbidity	1.46	NTU	UGS
04/01/2015 13:30	USU well	414143111495501		pH	7.507	units	UGS
04/01/2015 13:30	USU well	414143111495501		Bicarbonate	300	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Carbon Dioxide	15	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Carbonate	0	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Hydroxide	0	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		T. Alk/CaCO3	246	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		TDS @ 180 C	280	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Silica D/SIO2	9.82	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Sulfate	25	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501		Chloride	8.52	mg/L	UGS

Sample Date-time	Station Name	Station ID	Matrix Description	Parameter Description	Result	Units	Sampled by
04/01/2015 13:30	USU well	414143111495501	Dissolved	Calcium	70.3	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Iron	210	ug/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Magnesium	27.2	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Potassium	1.46	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Sodium	6.62	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Hardness (from D-CA and D-MG)	287.3	mg/L	UGS
04/01/2015 13:30	USU well	414143111495501	Dissolved	Arsenic	<1	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501		Sp. Cond.	529	umhos/cm	UGS
07/16/2015 10:45	USU well	414143111495501		T. Sus. Solids	<4	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Turbidity	0.102	NTU	UGS
07/16/2015 10:45	USU well	414143111495501		pH	7.083	units	UGS
07/16/2015 10:45	USU well	414143111495501		Bicarbonate	316	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Carbon Dioxide	42	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Carbonate	0	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Hydroxide	0	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		T. Alk/CaCO3	259	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		TDS @ 180 C	326	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Nitrate + Nitrite as N	1.06	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Phosphate, Tot. Dig. (as P)	0.013	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Sulfate	16.7	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Ammonia as N	<0.02	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Chloride	8.42	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501		Bromide	<0.02	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Boron	<30	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Calcium	67.9	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Iron	<20	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Magnesium	25.8	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Potassium	1.63	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Sodium	6.9	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Hardness (from D-CA and D-MG)	275.6	mg/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Arsenic	<1	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Barium	<100	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Cadmium	<0.1	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Chromium	<2	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Copper	6.809	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Lead	1.172	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Manganese	<5	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Nickel	<5	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Selenium	<1	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Silver	<0.5	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Zinc	267.44	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Aluminum	<10	ug/L	UGS
07/16/2015 10:45	USU well	414143111495501	Dissolved	Mercury	<0.2	ug/L	UGS
10/16/2014 09:15	Vail well	414117111500401	Dissolved	Nitrate + Nitrite as N	1.45	mg/L	UGS
10/16/2014 09:15	Vail well	414117111500401	Dissolved	Ammonia as N	<0.03	mg/L	UGS

APPENDIX B
WELL LOGS

Form-113-3M-11-60

Examined 9/14/73 No Card

Recorded: B. C. 9/14/73 T. B. 00

Inspection Sheet

Copied

REPORT OF WELL DRILLER
STATE OF UTAH

Application No. 41887

Claim No.

Coordinate No. (A-11-1) 15 ddc

25-5768

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:
Name Glen W. Hancey
Address 2033 N. 10th East Logan, Utah

(2) LOCATION OF WELL:
County Cache Ground Water Basin (leave blank)
North ~~South~~ 510 feet, ~~East~~ West 675 feet from SE Corner of Section 15 T. 11 N ~~S~~ R. 1 E SLBM ~~W~~ (strike out words not needed)

(3) NATURE OF WORK (check): New Well ☒
Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☐
If abandonment, describe material and procedure:

(4) NATURE OF USE (check):
Domestic ☒ Industrial ☐ Municipal ☐ Stockwater ☐
Irrigation ☐ Mining ☐ Other ☐ Test Well ☐

(5) TYPE OF CONSTRUCTION (check):
Rotary ☐ Dug ☐ Jetted ☐
Cable ☒ Driven ☐ Bored ☐

(6) CASING SCHEDULE: Threaded ☐ Welded ☒
16" Diam. from 0 feet to 98 feet Gage .312
10" Diam. from 0 feet to 386 feet Gage .365
" Diam. from feet to feet Gage
New ☒ Reject ☐ Used ☐

(7) PERFORATIONS: Perforated? Yes ☒ No ☐
Type of perforator used Mills Blade Type
Size of perforations 1/4 inches by 1 1/2 inches
1200 perforations from 269 feet to 369 feet
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet
perforations from feet to feet

(8) SCREENS: Well screen installed? Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to
Diam. Slot size Set from ft. to

(9) CONSTRUCTION:
Was well gravel packed? Yes ☐ No ☒ Size of gravel:
Gravel placed from feet to feet
Was a surface seal provided? Yes ☒ No ☐
To what depth? 100 feet
Material used in seal: Cement Grout
Did any strata contain unusable water? Yes ☐ No ☒
Type of water: Depth of strata
Method of sealing strata off:

Was surface casing used? Yes ☒ No ☐
Was it cemented in place? Yes ☒ No ☐

(10) WATER LEVELS:
Static level 180 feet below land surface Date 9-6-73
Artesian pressure feet above land surface Date

LOG RECEIVED:

(11) FLOWING WELL:
Controlled by (check) Valve ☐
Cap ☐ Plug ☐ No Control ☐
Does well leak around casing? Yes ☐ No ☐

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.
Was a pump test made? Yes ☒ No ☐ If so, by whom? J. S. Lee & Sons
Yield: 440 gal./min. with 2.5 feet drawdown after 10 hours
" " " " " "
Bailer test gal./min. with feet drawdown after hours
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? No ☐ Yes ☒

(13) WELL LOG: Diameter of well 10 inches
Depth drilled 385 feet. Depth of completed well 385 feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combinations of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH From	DEPTH To	Clay	Silt	Sand	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	Bedrock	Other	REMARKS
0	1	x										Top Soil
1	80	x			x		x					
80	85	x										Brown
85	193	x			x							
193	239				x							Dirty
239	245	x										Brown
245	247	x			x							
247	262								x			Hard
262	268	x			x							
268	274								x			Hard
274	283	x			x							
283	290				x							Water
290	305	x			x							
305	369								x			Hard
369	375	x										Brown
375	385	x			x							

Work started 7-31-73, 19 Completed 9-6-73, 19

(14) PUMP:
Manufacturer's Name
Type: H. P.
Depth in pump or bowls feet

Well Driller's Statement:
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

Name J. S. Lee & Sons (Type or print)
(Person, firm, or corporation)
Address 1313 So. Hwy 89-91, Logan, Utah
(Signed) Robert E. Lee (Well Driller)
License No. 11 Date 9-10-73, 19

USE OTHER SIDE FOR ADDITIONAL REMARKS

PUMP INSTALLATION REPORT (PUMP LOG)

State of Utah Division of Water Rights

PO Box 146300, SLC, UT 84114-6300

(801) 538-7240; (801) 538-7467 fax; waterrights.utah.gov

Well Identification (e.g., Water Right or Non-production Well Number) 25-5171 a16185

Owner Info (Name and Address): Millville City WIN 2721

Well Location:

Physical Street Address 200E 350S

Point of Diversion (Public Land Survey): North/South_____ feet, East/West_____ feet from the ____ Corner of Section_____, Township_____, Range_____, SLB&M/USB&M

GPS (UTM or Lat-Long, incl. Map Datum): 0431973 4615178

Existing Well Details (if known)

Is a Well Driller's Report Available? ☐ Yes ☒ No; Well Depth 388 feet; Well Diameter 10 inches

Nature of Use: ☒ Dom. ☐ Irr. ☐ Stock ☐ Industrial ☐ Commercial ☒ Municipal ☐ Provisional ☐ Monitor

Casing Type: ☒ Steel ☐ Stainless Steel ☐ PVC ☐ Fiberglass ☐ ABS ☐ SR ☐ Other _____

Depth of Surface Seal_____; Other details (if known):_____

RECEIVED

MAR 19 2014 KH

WATER RIGHTS

SALT LAKE

Pump Installation Details:

Type of Installation: [ ] New; [ ] Replacement; [✓] Repair; [✓] Other

Date of Installation (single date or range as applicable): 3-18-14

Type of Pump: [✓] Submersible; [ ] Lineshaft; [ ] Jet; [ ] Other

Pump Manufacturer: Simmons; *Pump Model:* SS8LL-4

Number of Stages: 4; *Riser/Discharge Pipe Type/Size:* 4" GALV; *Shaft Size (in):*

Height of Casing Above Ground Surface (inches): 12 *Pump Intake Depth Below Top of Casing (ft):* 231

Pump Size (hp): 30; *Pump Capacity (gpm):* 330; *Static Water Level (ft below top of casing):* 183

*Pumping Water Level (ft below top of casing):*_____; *Shut-in Head for Flowing Wells (ft or psi):*_____

Artesian Flow (gpm): —; *Drawdown at End of Test (ft):* —

*Pitless Installation: [ ] Yes; [✓] No Manufacturer:*_____; *Model:*_____

Pitless Type: [ ] Pitless Adapter; [ ] Pitless Unit; [ ] Screw On; [ ] Welded; [ ] Compression

Method of Cutting Hole in Casing: —; *Depth of Pitless (ft BGS):* —

Pump Testing? [ ] Yes; [✓] No; Test Pumping Rate (gpm): —; *Test Pump Duration (hrs):*_____

Water Level Measurement Method: [ ] Airline; [✓] Electric Sounder; [ ] Steel Tape; [ ] Other

Discharge Measure Method: [ ] Bailer; [ ] Bucket/Barrel/Stopwatch; [ ] Current; [ ] Air Lift; [ ] Gauge; [ ] Meter; [ ] Orifice; [ ] Volume; [ ] Weir; [ ] Flume; [ ] Other

Down-hole Camera Survey? [ ] Yes; [✓] No Water Quality Sample Taken? [ ] Yes; [✓] No

Well and Pump Works Disinfected Upon Completion in accordance with R655-4? [✓] Yes; [ ] No

Comments by Installer: Pull Pump For Test + install 2" CTS Poly Pipe For Injection

Licensee Statement This pump work was conducted under my supervision, according to applicable rules and regulations, and this report is complete and correct to the best of my knowledge and belief.

Name: Robert Dunn / Glenn's Electric (Person, Firm, or Corporation - Print or Type) License No. 778

Signature of Licensee: [signature] (Licensed Well Driller or Pump Installer) Date 3-18-14

Note: All Pump work shall be performed in accordance with the provisions of the State of Utah Administrative Rules for Water Wells (Section R655-4 UAC).

[redacted] **Pump Log** [redacted]

Form 113—5M—1240

Examined JUL 19 1978 7115

Recorded: B. C. T. B. 7115

Inspection Sheet

Copied

REPORT OF WELL DRILLER
STATE OF UTAH

Application No. 9510

Claim No.

Coordinate No. (A-11-1) 23cad

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

Sec. 23

(1) WELL OWNER:

Name Millville City

Address Millville, Utah

(2) LOCATION OF WELL:

County Cache Ground Water Basin (leave blank)

North 1830 feet, East 2070 feet from S-W Corner

of Section 22, T 1 N, R 1 E SLBM (strike out words not needed)

(3) NATURE OF WORK (check): New Well ☒

Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☐

If abandonment, describe material and procedure:

(4) NATURE OF USE (check):

Domestic ☐ Industrial ☐ Municipal ☒ Stockwater ☐

Irrigation ☐ Mining ☐ Other ☐ Test Well ☐

(5) TYPE OF CONSTRUCTION (check):

Rotary ☐ Dug ☐ Jetted ☐

Cable ☒ Driven ☐ Bored ☐

(6) CASING SCHEDULE: Threaded ☐ Welded ☐

12" Diam. from 0 feet to 398 feet Gage .375

" Diam. from feet to feet Gage

" Diam. from feet to feet Gage

New ☒ Reject ☐ Used ☐

(7) PERFORATIONS: Perforated? Yes ☒ No ☐

Type of perforator used Mills

Size of perforations 5/8 inches by 3 inches

372 perforations from 264 feet to 272 feet

228 perforations from 308 feet to 347 feet

348 perforations from 331 feet to 336 feet

408 perforations from 364 feet to 370 feet

perforations from feet to feet

(8) SCREENS: Well screen installed? Yes ☐ No ☒

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to

Diam. Slot size Set from ft. to

(9) CONSTRUCTION:

Was an gravel packed? Yes ☐ No ☒ Size of gravel

Gravel placed from feet to feet

Was a cement grout used? Yes ☒ No ☐

If so, to what depth? 100 feet

Material used in seal: Cement Grout

Did you encounter artesian water? Yes ☐ No ☒

Size of water Depth of strata

Method of shutting artesian strata off

Was surface casing used? Yes ☒ No ☐

Was it cemented in place? Yes ☐ No ☒

(10) WATER LEVELS:

Static level 188 feet below land surface Date 3-8-78

Artesian pressure feet above land surface Date

(11) FLOWING WELL:

Controlled by (check) Valve ☐

Cap ☐ Plug ☐ No Control ☐

Does well leak around casing? Yes ☐

No ☐

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.

Was a pump test made? Yes ☒ No ☐ If so, by whom? Rhodes Bros.

Yield: 1412 gal. per min with 16 feet drawdown after 30 hours

" " " " " "

Bailer test gal. per min with feet drawdown after hours

Artesian flow g.p.m. Date

Temperature of water 44 F. Was a chemical analysis made? No ☐ Yes ☐

(13) WELL LOG: Diameter of well 12 inches

Depth drilled 398 feet. Depth of completed well 398 feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH From	To	Clay	Silt	Sand	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	Bedrock	Other	REMARKS
0	2										X	Top soil
2	7				X							Brown
7	14											"
14	20											Blue
20	26											"
26	32											"
32	42											"
42	70				X							Brown
70	117											"
117	125											Gry
125	142											Brown
142	155											Alternating strata (water)
155	164											Water
164	202											Brown
202	308											Water
308	327											Brown
327	331											Water
331	364											Brown
364	370											Highly Cemented (water)
370	398											Brown
398									X			Water

Work started 6-1-78, 19 Completed 3-8-78, 19

(14) PUMP:

Manufacturer's Name

Type H. P.

Depth to pump bowls feet

Well Driller's Statement:

This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

Name [illegible] Drilling Co. (Person, firm, or corporation) (Type or print)

Address [illegible], Utah

(Signed) [illegible] (Well Driller)

License No. [illegible] Date 4-3-78, 19

LOG RECEIVED: RECEIVED APR 07 1978

USE OTHER SIDE FOR ADDITIONAL REMARKS

RIGHTS

MICROFILMED