



Legend

- ▲ Groundwater Sample Location (GW)
- Soil Sample Locations (SS)
- ◆ Monitoring Well Locations (MW)
- ▲ Soil Gas Sample Location (SG)

12 Existing Structures

**Buildings 1572 and 1573
Galena Airport
August 2007 and July 2008
Locations and Results**

Groundwater															
Sample ID	Depth	Sample Date	Units	benzene	ethylbenzene	toluene	m & p-xylene	o-xylene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	cis-1,2-dichloroethene	tetrachloroethene	trans-1,2-dichloroethene	trichloroethene	vinyl chloride
1572-GW183	39	Aug '07	ug/L	16.1	<1	<1	<2	<1	1.22	<1	1.26	<1	<1	<1	<1
1572-GW183	46	Aug '07	ug/L	5.9	<1	<1	<2	<1	0.373	<1	0.351	<1	<1	<1	<1
1572-GW183	53	Aug '07	ug/L	0.678	<1	<1	<2	<1	0.471	<1	<1	<1	<1	<1	<1
1572-GW183	60.5	Aug '07	ug/L	0.744	<1	<1	<2	<1	0.504	<1	<1	<1	<1	<1	<1
1572-GW184	14	Aug '07	ug/L	0.754	0.509	<1	1.3	<1	1.23	<1	<1	<1	<1	<1	<1
1572-GW184	24	Aug '07	ug/L	73.8	14.9	<1	37	3.57	37.2	21.6	3.06	<1	<1	0.546	<1
1572-GW184	36	Aug '07	ug/L	22.7	0.735	<1	2.88	0.431	21.6	5.42	3.21	<1	<1	<1	<1
1572-GW184	48	Aug '07	ug/L	2.49	2.59	<1	9.84	1.3	12.1	4.04	<1	<1	<1	<1	<1
1572-GW184	60.5	Aug '07	ug/L	0.61	3.05	<1	11.9	1.55	15.5	5.2	<1	<1	<1	<1	<1
1572-GW185	14	Aug '07	ug/L	10.6	73.8	136	237	84.4	90.8	24.6	<1	<1	<1	0.361	<1
1572-GW185	24	Aug '07	ug/L	336	465	748	1530	531	498	105	4.91	<1	<1	1.85	<1
1572-GW185	36	Aug '07	ug/L	2.23	18	21.6	64	20.9	35.8	9.88	1.69	<1	<1	<1	<1
1572-GW185	48	Aug '07	ug/L	0.711	13.7	15.4	48.2	16	29.8	8.03	<1	<1	<1	<1	<1
1572-GW185	60.5	Aug '07	ug/L	1.85	36.6	41.4	133	42.8	77.2	21.3	<1	<1	<1	<1	<1
1572-GW186	14	Aug '07	ug/L	0.813	<1	<1	<2	<1	<1	<1	<1	<1	<1	3.38	<1
1572-GW186	24	Aug '07	ug/L	10.3	0.858	<1	<2	<1	<1	<1	3.35	<1	<1	0.6	<1
1572-GW198	27	July '08	ug/L	292	2.5	10.5	12.5	4.77	8.88	3.09	<1	<1	<1	<1	<1
1572-GW198	35	July '08	ug/L	348	3.02	10.7	23.6	5.55	44.9	11.4	0.89	<1	<1	<1	<1
1572-GW198	52	July '08	ug/L	26.8	3.8	16.5	18.6	7.17	10.2	3.2	0.74	<1	<1	<1	<1
1572-GW198	67	July '08	ug/L	4.92	1.24	5.26	6.7	2.88	3.61	1.26	<1	<1	<1	<1	<1
1572-GW199	27	July '08	ug/L	134	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW199	35	July '08	ug/L	257	<1	<1	3.42	0.99	27.9	6.77	0.94	<1	<1	<1	<1
1572-GW199	52	July '08	ug/L	19.4	<1	<1	1.18	0.95	0.31	<1	0.82	<1	<1	<1	<1
1572-GW199	67	July '08	ug/L	5.4	<1	<1	1.16	<1	<1	<1	<1	<1	<1	<1	<1
1572-GW200	27	July '08	ug/L	57.1	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW200	35	July '08	ug/L	120	<10	<10	14.8	<10	20.1	5.7	<10	<10	<10	<10	<10
1572-GW200	52	July '08	ug/L	3.5	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW200	67	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW201	23	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW201	31	July '08	ug/L	10.3	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW201	47	July '08	ug/L	3.7	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW201	63	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW202	20	July '08	ug/L	<4	5	<10	9.6	<10	50.2	19	<10	<10	<10	<10	<10
1572-GW202	30	July '08	ug/L	<4	31	<10	54.4	15.5	164	50.1	8.8	<10	<10	<10	<10
1572-GW202	40	July '08	ug/L	<4	<10	<10	<20	<10	31.9	15.3	<10	<10	<10	<10	<10
1572-GW202	50	July '08	ug/L	<4	<10	<10	<20	<10	15.4	7.6	<10	<10	<10	<10	<10
1572-GW203	20	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW203	30	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	5.3	<10	<10	<10	<10
1572-GW203	40	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW203	50	July '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
1572-GW204	22	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW204	34	July '08	ug/L	<4	<10	<10	<20	<10	6.1	<10	4.9	<10	<10	<10	<10
1572-GW204	46	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW204	58	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW204	70	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW205	57	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	118	<10	48.2	<10	<10
1572-GW224	22	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW224	34	July '08	ug/L	2.4	<10	<10	<20	<10	19.5	5.4	3.8	<10	<10	<10	<10
1572-GW224	46	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW224	58	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW224	70	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1572-GW54	19	Aug '07	ug/L	4180	793	1190	3870	740	367	125	<10	<10	<10	<10	<10
1572-GW54	25	Aug '07	ug/L	8540	1250	4780	5660	2190	580	181	<10	<10	<10	<10	<10
1572-GW54	31	Aug '07	ug/L	11400	1350	11000	5040	2070	746	228	<10	<10	<10	<10	<10
1572-GW55	19	Aug '07	ug/L	184	38	0.443	148	6.83	30.9	8.13	<1	<1	<1	<1	<1
1572-GW55	25	Aug '07	ug/L	1660	228	<10	1040	52.4	166	56.1	<10	<10	<10	<10	<10
1572-GW55	31	Aug '07	ug/L	959	22.2	<10	757	20.6	170	51.5	<10	<10	<10	<10	<10
1572-GW56	19	Aug '07	ug/L	55.3	<1	<1	2.67	<1	2.37	0.707	0.275	<1	<1	0.572	<1
1572-GW56	27	Aug '07	ug/L	381	<2	<2	8.13	<2	7.15	2.48	0.707	<2	<2	<2	<2
1572-GW56	35	Aug '07	ug/L	348	0.858	<2	4.5	<2	44.9	13.2	0.755	<2	<2	<2	<2
1572-GW57	19	Aug '07	ug/L	24.8	<1	<1	<2	<1	0.718	<1	<1	<1	<1	0.971	<1
1572-GW57	27	Aug '07	ug/L	260	<2	<2	<4	<2	2.47	0.686	1.95	<2	<2	1.39	<2
1572-GW57	35	Aug '07	ug/L	291	<2	<2	4.22	<2	28.7	8.04	0.96	<2	<2	<2	<2
1572-GW58	19	Aug '07	ug/L	8.23	<1	<1	<2	<1	<1	<1	4.64	<1	<1	10.6	<1
1572-GW58	29	Aug '07	ug/L	120	<1	<1	1.19	<1	2.05	0.511	7.23	<1	<1	5.41	<1
1572-GW58	35	Aug '07	ug/L	142	0.287	<1	20.3	0.267	28.8	7.91	1.98	<1	<1	<1	<1
1572-GW59	19	Aug '07	ug/L	1.65	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
1572-GW59	27	Aug '07	ug/L	11.6	<1	<1	<2	<1	1.78	0.405	2.31	<1	<1	<1	<1
1572-GW59	35	Aug '07	ug/L	40.8	<1	<1	<2	<1	11.1	1.79	2.86	<1	<1	<1	<1
1572-GW60	19	Aug '07	ug/L	27	<1	<1	0.586	<1	0.444	<1	<1	<1	<1	<1	<1
1572-GW60	27	Aug '07	ug/L	356	<1	0.426	2.15	<1	3.63	0.695	<1	<1	<1	<1	<1
1572-GW60	35	Aug '07	ug/L	154	0.729	1.63	29.3	1.09	29	8.6	0.354	<1	<1	<1	<1

Soil															
Sample ID	Depth	Sample Date	Units	benzene	ethylbenzene	toluene	m & p-xylene	o-xylene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	cis-1,2-dichloroethene	tetrachloroethene	trans-1,2-dichloroethene	trichloroethene	vinyl chloride
1572-MC216	9	July '08	mg/kg	<0.0398	<0.0664	<0.133	<0.133	<0.133	<0.0664	<0.0664	<0.0664	<0.0664	<0.0664	0.0312	<0.0664
1572-MC216	10	July '08	mg/kg	<0.0398	<0.0664	<0.133	<0.133	<0.133	<0.0664	<0.0664	<0.0664	<0.0664	<0.0664	0.0312	<0.0664
1572-MC217	19	July '08	mg/kg	<0.0233	<0.0388	<0.0777	<0.0777	<0.0777	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388
1572-MC217	22	July '08	mg/kg	<0.0233	<0.0388	<0.0777	<0.0777	<0.0777	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388
1572-MC217	23	July '08	mg/kg	<0.0216	<0.036	<0.0721	<0.0721	<0.0721	1.05	0.724	<0.036	<0.036	<0.036	<0.036	<0.036
1572-MC217	25	July '08	mg/kg	<0.0296	<0.0493	<0.0986	0.463	<0.0986	4.3	1.99	<0.0493	<0.0493	<0.0493	<0.0493	<0.0493
1572-MC217	27	July '08	mg/kg	<0.0296	0.892	<0.0986	1.73	0.52	4.3	6.5	<0.0493	<0.0493	<0.0493	<0.0493	<0.0493
1572-MC217	29	July '08	mg/kg	<0.0255	0.892	<0.0851	1.73	0.52	7.95	6					