



**Soil Gas Source Investigation Area**

**Legend**

- △ 0 - 4.9 ug/L TCE
- ▲ 5 - 40 ug/L TCE
- ▲ 41 - 499 ug/L TCE
- ▲ 500 - 800 ug/L TCE
- ✕ Proposed GW Profiling Locations
- Proposed MW Location
- ✓ Proposed Private Well Sampling Locations
- ▭ Soil Gas/Source Investigation Area
- ▭ Existing Structures

**Proposed Recommendations  
Area 2128  
Galena Airport**

C:\Projects\Galena dig permits\MXD12128 proposed work.mxd

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**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
2128-GW259	16	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	13.3	<10	75.8	<10
2128-GW259	28	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	123	<10
2128-GW259	40	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	138	<10
2128-GW259	52	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	5.5	<10	5.2	110	<10
2128-GW259	64	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	2.36	<1	6.13	6.3	<1
2128-GW260	16	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	18.1	<10	117	<10
2128-GW260	28	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	9.2	3.3	163	<10
2128-GW260	40	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	8.6	<10	4.6	278	<10
2128-GW260	52	Sept '08	ug/L	<4	<10	<10	<20	<10	<10	<10	10.6	<10	6.8	341	<10
2128-GW260	64	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	6.1	0.33	13.3	45.2	<1
2128-GW331	19	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.51	<1	<1	3.38	<1
2128-GW331	30	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2128-GW331	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.34	<1
2128-GW331	52	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.84	<1
2128-GW331	63	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.81	<1	0.79	7.29	<1
2128-GW332	12	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.54	<1
2128-GW332	22	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	0.31	2.43	<1
2128-GW332	46	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.74	<1	0.91	3.56	<1
2128-GW332	60	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.82	<1	0.8	3.56	<1
2128-GW333	12	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	1.13	<1
2128-GW333	22	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.53	<1	1.19	4.7	<1
2128-GW333	34	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	5.67	<1	16.1	34.7	<1
2128-GW333	46	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	16.6	<1	46.9	34.2	<1
2128-GW333	60	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	4.56	<1	6.43	48.3	<1
2128-GW334	16	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.86	6.96	<1	101	<1
2128-GW334	28	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.43	8.25	1.47	151	<1
2128-GW334	40	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	9.53	1.65	3.34	456	<1
2128-GW334	52	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	20.2	<1	4.01	754	<1
2128-GW334	64	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	10.4	<1	17	132	<1
2128-GW335	17	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	49.8	58.6	0.64	673	<1
2128-GW335	29	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	30.8	10.6	1.34	693	<1
2128-GW335	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	18.9	1	2.24	404	<1
2128-GW335	53	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.14	<1	1.66	18.8	<1
2128-GW335	65	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	5.28	<1	11.2	10.4	<1
2128-GW336	19	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.67	<1
2128-GW336	29	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.69	<1
2128-GW336	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	1	<1
2128-GW336	52	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	1.69	<1
2128-GW336	63	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	2.48	<1	2.34	35.1	<1
2128-GW336	74	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.56	<1	0.33	7.46	<1
2128-GW359	19	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2128-GW359	30	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.97	<1
2128-GW359	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.31	<1	<1	1.61	<1
2128-GW359	52	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.79	<1	0.35	3.83	<1
2128-GW359	63	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	2.49	<1	1.22	32.5	<1
2128-GW359	74	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.24	<1	0.54	26.6	<1
2128-GW360	19	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.36	<1
2128-GW360	30	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	2.2	<1
2128-GW360	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.28	<1	1.84	3.1	<1
2128-GW360	52	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	2.18	<1	1.14	4.39	<1
2128-GW360	63	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	3.98	<1	3.54	52.2	<1
2128-GW360	74	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.92	<1	0.49	40.7	<1
2128-GW361	19	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2128-GW361	30	Sept '08	ug/L	0.12	<1	<1	<2	<1	<1	<1	<1	<1	<1	2.09	<1
2128-GW361	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.05	<1	0.97	2.59	<1
2128-GW361	52	Sept '08	ug/L	0.17	<1	<1	<2	<1	<1	<1	1.47	<1	0.39	5.39	<1
2128-GW361	63	Sept '08	ug/L	0.19	<1	<1	<2	<1	<1	<1	6.19	<1	4.39	63.8	<1
2128-GW361	74	Sept '08	ug/L	0.16	<1	<1	<2	<1	<1	<1	2.94	<1	0.91	42.4	<1
2128-GW362	19	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.48	0.74	0.31	39.6	<1
2128-GW362	30	Sept '08	ug/L	0.12	<1	<1	<2	<1	<1	<1	1.25	0.96	1	88.3	<1
2128-GW362	41	Sept '08	ug/L	0.29	<1	<1	<2	<1	<1	<1	13.7	0.69	2.8	532	<1
2128-GW362	52	Sept '08	ug/L	0.52	<1	<1	<2	<1	<1	<1	13.3	<1	3.45	187	<1
2128-GW362	63	Sept '08	ug/L	0.16	<1	<1	<2	<1	<1	<1	12.4	<1	20.6	89.3	<1
2128-GW362	74	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	3.33	<1	3.45	44	<1
2128-GW368	17	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	5	<1	2.07	13.3	<1
2128-GW368	29	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	2.84	<1	<1	2.59	<1
2128-GW368	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.52	<1
2128-GW368	53	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.97	<1	2.68	1.18	<1
2128-GW368	65	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.5	<1
2128-GW369	17	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.28	<1	0.66	1.32	<1
2128-GW369	29	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2128-GW369	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2128-GW369	53	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.7	<1	3.59	1.27	<1
2128-GW369	65	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.87	<1	1.06	1.89	<1
2128-GW370	17	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	2.85	<1
2128-GW370	29	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2128-GW370	41	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.39	<1	0.95	0.73	<1
2128-GW370	53	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	5.82	<1	14.4	3.91	<1
2128-GW370	65	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	5.82	<1	13.8	12.5	<1
2128-GW402	19	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.53	<1
2128-GW402	30	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	1.03	<1
2128-GW402	41	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.47	<1	<1	1.23	<1
2128-GW402	52	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	0.91	<1	<1	2.38	<1
2128-GW402	63	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	3.04	<1	0.94	15.8	<1
2128-GW402	74	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	1.7	<1	<1	8.42	<1
2128-GW403	1														