



Legend

- ▲ Soil Gas Sample Location (SG)
- 1832 Existing Structures

**Building 1832 (POL Tanks)
Galena Airport
September 2008
Locations and Results**

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Groundwater
(none)

Soil
(none)

Soil Gas

Sample ID	Depth	Sample Date	Units	benzene	ethylbenzene	toluene	m & p-xylene	o-xylene	1,1,1-trichloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2-dichloroethane	bromomethane/chloroethane	carbon tetrachloride	chloroform	cis-1,2-dichloroethene	cis-1,3-dichloropropene	methylene chloride	tetrachloroethene	trans-1,2-dichloroethene	trichloroethene	trichlorofluoromethane	vinyl chloride	total TPH C4-C12	total TPH C11-C18
POL-SG289	7	Sept '08	PPMV	633.66	0.9744	712.52	1.374	0.5804	<0.005	<0.01	<0.02	<0.01	1.467	<1	<0.005	<0.005	<0.02	<0.01	<2	<0.01	0.01	<0.01	<0.005	<1	31700	<7.1
POL-SG293	7	Sept '08	PPMV	253.44	21.992	345.83	23.184	10.079	<0.005	<0.01	<0.02	<0.01	0.345	<1	<0.005	<0.005	<0.02	0.0136	<2	<0.01	0.01	0.0074	<0.005	<1	13840	0.23

Field Data

Sample ID	Depth	Sample Date	carbon dioxide (percent)	oxygen (percent)	photionization detector (ppmV)	TVH hexane equivalents (ppmV)	TVH w/ 3:1 diluter (ppmV)
POL-SG279	5	Sept '08	6.6	10.4	1014	>12,000	13200
POL-SG279	10	Sept '08	13	4	1175	>12,000	10800
POL-SG280	5	Sept '08	15.2	2.5	1247	>12,000	16200
POL-SG280	10	Sept '08	16.4	1.6	1325	2400	6200
POL-SG281	5	Sept '08	5.8	10.5	829	>12,000	23200
POL-SG281	10	Sept '08	14.2	1.7	1077	>12,000	20400
POL-SG282	5	Sept '08	15.6	2.1	1034	>12,000	19400
POL-SG282	10	Sept '08	16.2	1.6	1325	2550	9400
POL-SG283	5	Sept '08	14.4	20.2	992	6900	560
POL-SG284	7	Sept '08	15.8	1.5	1077	>12,000	520
POL-SG285	7	Sept '08	9.4	4	692	>12,000	>48,000
POL-SG286	7	Sept '08	16.6	1.3	1023	>12,000	34000
POL-SG287	7	Sept '08	14.6	1.4	852	>12,000	>48,000
POL-SG288	7	Sept '08	13.8	4	1038	>12,000	26400
POL-SG289	7	Sept '08	14.6	1.8	867	>12,000	>48,000
POL-SG290	7	Sept '08	15.8	1.5	1606	>12,000	22400
POL-SG291	7	Sept '08	15.2	1.4	1046	>12,000	1640
POL-SG292	7	Sept '08	12.2	6.3	1676	3900	3560
POL-SG293	7	Sept '08	15.6	1.4	1252	>12,000	24000
POL-SG294	7	Sept '08	16.8	1.2	1531	540	1600
POL-SG295	7	Sept '08	13.8	4	1218	1100	880
POL-SG296	7	Sept '08	16.2	2.4	174	0	0
POL-SG297	7	Sept '08	13.2	7.5	72	0	880
POL-SG298	7	Sept '08	12	5.8	309	120	1040

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