



**Legend**

- ▲ Groundwater Sample Locations
- Soil Sample Locations
- ▲ Soil Gas Sample Locations
- + Monitoring Well Locations
- Existing Fuel Line
- Abandoned Fuel Line Left in Place
- Abandoned Fuel Line Removed
- Electrical Line
- 104 Existing Structures

**Abandoned Fuel Lines  
Galena Airport  
September 2008  
Locations and Results**

C:\Projects\GalenaDecember2008\ArcGIS\08 old fuel line-11x17fadj.mxd

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
DAP-GW261	16	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
DAP-GW261	23	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<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	4-isopropyltoluene	acetone	isopropylbenzene	naphthalene	n-butylbenzene	n-propylbenzene	sec-butylbenzene	GRO
DAP-MC263	5	Sept '08	mg/kg	<0.0529	<0.0881	<0.176	0.0925	<0.176	<0.0881	<0.0881	<0.0881	<0.881	<0.0881	<0.176	<0.0881	<0.0881	<0.0881	<0.0881
DAP-MC263	7	Sept '08	mg/kg	<0.0445	<0.0717	<0.143	0.0441	<0.0817	<0.0409	<0.0409	<0.409	<0.0409	<0.0409	<0.0817	<0.0409	<0.0409	<0.0409	<0.0409

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	1,1,1-trichloroethane	1,2-dichloroethane	bromomethane/chloroethane	carbon tetrachloride	chloroform	cis-1,2-dichloroethane	cis-1,3-dichloropropene	methylene chloride	tetrachloroethene	trans-1,2-dichloroethane	trichloroethene	trichlorofluoromethane	vinyl chloride	total TPH C4-C12	total TPH C11-C18
DAP-SG267	10	Sept '08	PPMV	<0.1	10.805	0.9385	6.476	4.3533	<0.005	<0.01	<0.02	<0.01	<0.02	<1	<0.005	<0.005	<0.02	<0.01	<2	<0.01	0.01	<0.01	<0.005	<1	696	1.5
DAP-SG268	4	Sept '08	PPMV	<0.1	8.3894	5.5385	4.4194	3.4440	<0.005	<0.01	<0.02	<0.01	<0.02	<1	<0.005	<0.005	<0.02	<0.01	<2	<0.01	0.01	<0.01	<0.005	<1	104	1.1
DAP-SG268	10	Sept '08	PPMV	<0.1	8.3894	5.5385	4.4194	3.4440	<0.005	<0.01	<0.02	<0.01	<0.02	<1	<0.005	<0.005	<0.02	<0.01	<2	<0.01	0.01	<0.01	<0.005	<1	585	1.5
DAP-SG269	10	Sept '08	PPMV	<0.1	8.5603	0.3085	4.778	2.833	<0.005	<0.01	<0.02	<0.01	<0.02	<1	<0.005	<0.005	<0.02	<0.01	<2	<0.01	0.01	<0.01	<0.005	<1	496	1.3

Field Data							
Sample ID	Depth	Sample Date	carbon dioxide (percent)	oxygen (percent)	photoionization detector (ppmV)	TVH heptane equivalents (ppmV)	TVH heptane equivalents w/ 3:1 diluter (ppmV)
DAP-SG265	5	Sept '08	2.4	15.7	4.3	80	20
DAP-SG266	4	Sept '08	11.4	3.4	82	0	0
DAP-SG266	10	Sept '08	6.8	2.8	30	240	25
DAP-SG267	4	Sept '08	0	10	7	0	0
DAP-SG267	10	Sept '08	10.6	1.8	65	230	120
DAP-SG268	4	Sept '08	11	8.2	165	0	0
DAP-SG268	10	Sept '08	13.4	1.1	105	200	170
DAP-SG269	10	Sept '08	14.8	1.6	215	650	110
DAP-MC263	3	Sept '08	0.4	20.9	140	0	0
DAP-MC263	4	Sept '08	0.6	20.9	180	75	75
DAP-MC263	6	Sept '08	0.8	20.9	180	75	75
DAP-MC263	7	Sept '08	0.8	20.9	13.6	0	0
DAP-MC263	8	Sept '08	1	20.9	17.8	0	0
DAP-MC263	9	Sept '08	2.4	20.3	2.8	0	0
DAP-MC263	10	Sept '08	3.6	20.2	10.3	0	0
DAP-MC270	1	Sept '08	0.2	20.9	275	70	70
DAP-MC270	3	Sept '08	0.8	20.8	290	70	70
DAP-MC270	4	Sept '08	0	20.9	296	95	95
DAP-MC270	5	Sept '08	1.8	18.3	164	25	25
DAP-MC270	6	Sept '08	3.6	15.1	22	0	0
DAP-MC270	7	Sept '08	1.8	18.7	19.5	0	0
DAP-MC270	8	Sept '08	1.6	18.1	9.9	15	15
DAP-MC270	9	Sept '08	1.2	18.7	8.5	0	0
DAP-MC270	10	Sept '08	1.6	18.1	1.6	0	0
DAP-MC270	11	Sept '08	2.4	13.5	9.2	35	0
DAP-MC270	12	Sept '08	2.2	16.4	8.3	0	0
DAP-MC271	1	Sept '08	0	20.8	2.2	0	0
DAP-MC271	2	Sept '08	0.1	20.9	5.5	0	0
DAP-MC271	3	Sept '08	0.1	20.8	7.8	0	0
DAP-MC271	4	Sept '08	0	20.8	12.8	0	0
DAP-MC271	5	Sept '08	1.4	17.5	265	75	20
DAP-MC271	6	Sept '08	0	20.9	272	200	170
DAP-MC271	7	Sept '08	1.8	15.5	214	25	15
DAP-MC271	8	Sept '08	2.6	16.1	30.1	0	0
DAP-MC271	9	Sept '08	4.2	12.1	26.1	0	0
DAP-MC271	10	Sept '08	7	17.5	12.1	0	0
DAP-MC271	11	Sept '08	2.42	17.8	16.6	0	0
DAP-MC271	12	Sept '08	2.8	16	13.7	0	0
DAP-MC272	1	Sept '08	0.4	20.1	6.4	0	0
DAP-MC272	2	Sept '08	0.4	20.6	17.8	0	0
DAP-MC272	3	Sept '08	0.4	20.6	17.8	0	0
DAP-MC272	4	Sept '08	1.8	20	8.8	0	0
DAP-MC272	5	Sept '08	0.2	20.8	10.1	10	10
DAP-MC272	6	Sept '08	2	15.4	461	420	80
DAP-MC272	7	Sept '08	1.8	18.6	190	200	25
DAP-MC272	8	Sept '08	0.2	20.6	237	120	120
DAP-MC272	9	Sept '08	1.4	18.3	439	420	40
DAP-MC272	10	Sept '08	2	16.5	394	450	40
DAP-MC272	11	Sept '08	1.8	16.9	415	480	480
DAP-MC272	12	Sept '08	1.4	18.1	233	310	310
DAP-MC273	1	Sept '08	0.4	20.4	20.6	40	40
DAP-MC273	2	Sept '08	0.6	20.5	18.4	5	5
DAP-MC273	3	Sept '08	1.2	20.3	16.6	0	0
DAP-MC273	4	Sept '08	1.4	18.7	124	0	0
DAP-MC273	5	Sept '08	1.6	20.1	217	25	25
DAP-MC273	6	Sept '08	0.4	20.4	304	120	120
DAP-MC273	7	Sept '08	2.2	17.8	346	180	180
DAP-MC273	8	Sept '08	1.6	18.1	290	210	210
DAP-MC273	9	Sept '08	2.2	17.8	335	380	380
DAP-MC273	10	Sept '08	2.4	16.9	394	390	390
DAP-MC273	11	Sept '08	2.2	17	555	340	340
DAP-MC273	12	Sept '08	1	18.2	581	640	640
DAP-MC274	1	Sept '08	0.4	20.5	27	45	45
DAP-MC274	2	Sept '08	0.6	20.7	20.4	15	15
DAP-MC274	3	Sept '08	0.6	20.5	15.7	5	5
DAP-MC274	4	Sept '08	0.8	20.7	23.8	5	5
DAP-MC274	5	Sept '08	1.6	20.1	31.7	0	0
DAP-MC274	6	Sept '08	1.2	19.1	158	45	45
DAP-MC274	7	Sept '08	0.4	20.1	150	150	150
DAP-MC274	8	Sept '08	0.4	20	100	85	85
DAP-MC274	9	Sept '08	2.2	17	392	190	190
DAP-MC274	10	Sept '08	1.2	19	395	230	230
DAP-MC274	11	Sept '08	1.6	18.5	222	280	280
DAP-MC274	12	Sept '08	1.2	19.1	409	190	190
DAP-MC275	2	Sept '08	0.2	20.9	18.1	15	15
DAP-MC275	3	Sept '08	0.4	20.7	11.1	0	0
DAP-MC275	4	Sept '08	0.4	20.9	8.1	25	25
DAP-MC275	5	Sept '08	0.6	20.7	5.9	20	20
DAP-MC275	6	Sept '08	0.4	20.9	8.7	25	25
DAP-MC275	7	Sept '08	1.2	20.8	5.6	25	25
DAP-MC275	8	Sept '08	1.2	20.1	6.8	25	25
DAP-MC275	9	Sept '08	1.2	20.7	4.2	35	35
DAP-MC275	10	Sept '08	1	20.4	4.7	30	30
DAP-MC275	11	Sept '08	1.8	20.6	4.4	10	10
DAP-MC275	12	Sept '08	1.4	20.7	6.4	20	20
DAP-MC276	1	Sept '08	0.6	20.8	2.8	30	30
DAP-MC276	2	Sept '08	0.6	20.9	3.5	20	20
DAP-MC276	3	Sept '08	1	20.8	3.6	15	15
DAP-MC276	4	Sept '08	1	20.9	4.1	15	15
DAP-MC276	5	Sept '08	1	20.9	2.7	15	15
DAP-MC276	6	Sept '08	1	20.9	2.5	15	15
DAP-MC276	7	Sept '08	1.9	20.5	2.5	0	0
DAP-MC276	8	Sept '08	1.4	20.2	4.3	5	5
DAP-MC276	9	Sept '08	1.2	20.8	2.7	25	25
DAP-MC276	10	Sept '08	1.8	20.7	3.1	0	0
DAP-MC276	11	Sept '08	1.6	20.5	3.5	0	0
DAP-MC276	12	Sept '08	2.8	19.6	2.5	0	0
DAP-MC277	1	Sept '08	0.4	20.9	3.9	0	0
DAP-MC277	2	Sept '08	0.8	20.9	4.6	0	0
DAP-MC277	3	Sept '08	1.2	20.9	3.3	0	0
DAP-MC277	4	Sept '08	0.4	20.9	4.8	5	5
DAP-MC277	5	Sept '08	0.8	20.9	3.7	0	0
DAP-MC277	6	Sept '08	1.4	20.8	3.6	0	0
DAP-MC277	7	Sept '08	2.7	20	4.2	0	0
DAP-MC277	8	Sept '08	0.8	20.6	3.5	15	15
DAP-MC277	9	Sept '08	2.4	20.5	4.6	0	0
DAP-MC277	10	Sept '08	1.2	20.8	2.9	0	0
DAP-MC277	11	Sept '08	3	20.1	5.1	0	0
DAP-MC277	12	Sept '08	2.6	20.1	2.8	0	0
DAP-MC278	1	Sept '08	0.1	20.9	3.1	0	0
DAP-MC278	2	Sept '08	0.3	20.9	3	0	0
DAP-MC278	3	Sept '08	0.4	20.9	2.8	0	0
DAP-MC278	4	Sept '08	0.4	20.9	3.2	0	0
DAP-MC278	5	Sept '08	0.6	20.9	4.2	0	0
DAP-MC278	6	Sept '08	1.4	20.9	4.7	0	0
DAP-MC278	7	Sept '08	0.8	20.4	4.8	0	0
DAP-MC278	8	Sept '08	0.6	20.8	4.9	20	20
DAP-MC278	9	Sept '08	1.1	20.9	4.2	0	0
DAP-MC278	10	Sept '08	0.6	20.8	2.7	5	5
DAP-MC278	11	Sept '08	1.2	20.8	3.8	0	0
DAP-MC278	12	Sept '08	1	20.8	3.6	0	0

Abandoned Fuel Lines  
Galena Airport  
September 2008 Results