



Legend

- ▲ Groundwater Sample Locations
- Soil Sample Locations
- ◆ Monitoring Well Locations
- 153 Existing Structures

**POL (South Runway), DCA, and Yukon Galena Airport
July and September 2008
Locations and Results**

C:\Projects\GalenaDecember2008\ArcGIS\08 pol and yukon-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
DCA-GW407	30	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
DCA-GW407	50	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
DCA-GW407	70	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
DCA-GW407	90	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW257	24	Sept '08	ug/L	2.32	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW257	44	Sept '08	ug/L	3.74	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW257	64	Sept '08	ug/L	167	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW257	84	Sept '08	ug/L	2.91	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW257	104	Sept '08	ug/L	0.83	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW257	124	Sept '08	ug/L	1.67	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW258	23	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW258	39	Sept '08	ug/L	2.41	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW258	64	Sept '08	ug/L	141	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
POL-GW258	84	Sept '08	ug/L	44	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW258	104	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW258	124	Sept '08	ug/L	4.69	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	26	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	36	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	56	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	76	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	96	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	116	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW328	123	Sept '08	ug/L	0.68	<1	0.39	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	25	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	35	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	55	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	75	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	95	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	115	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW329	126	Sept '08	ug/L	<0.4	<1	0.36	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW365	24	Sept '08	ug/L	0.37	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW365	44	Sept '08	ug/L	1.02	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW365	64	Sept '08	ug/L	65.7	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW365	84	Sept '08	ug/L	0.6	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW365	104	Sept '08	ug/L	4.89	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW366	24	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW366	44	Sept '08	ug/L	0.23	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW366	64	Sept '08	ug/L	3.43	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW366	84	Sept '08	ug/L	0.25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW366	104	Sept '08	ug/L	0.22	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW367	24	Sept '08	ug/L	1.82	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW367	39	Sept '08	ug/L	2.44	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW367	64	Sept '08	ug/L	141	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW367	84	Sept '08	ug/L	37.9	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW367	104	Sept '08	ug/L	2.49	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW405	44	Oct '08	ug/L	2.96	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW405	64	Oct '08	ug/L	69.6	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW405	84	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW406	44	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW406	64	Oct '08	ug/L	4.29	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
POL-GW406	82	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW330	22	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW330	32	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW330	52	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW330	72	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW330	92	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW330	112	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW331	74	Sept '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW408	29	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW408	49	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW408	69	Oct '08	ug/L	<0.4	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
YUKON-GW408	88	Oct '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	cis-1,2-dichloroethene	tetrachloroethene	trans-1,2-dichloroethene	trichloroethene	vinyl chloride
DCA-HA1	3	July '08	mg/kg	<0.0374	<0.0624	<0.125	0.0936	<0.125	0.058	0.0287	<0.0624	<0.0624	<0.0624	<0.0624	<0.0624
DCA-HA2	1	July '08	mg/kg	0.0527	0.0242	<0.121	0.0436	<0.121	<0.0606	<0.0606	<0.0606	<0.0606	<0.0606	<0.0606	<0.0606
DCA-HA2	2	July '08	mg/kg	<0.0325	<0.0541	<0.108	<0.108	<0.108	<0.0541	<0.0541	<0.0541	<0.0541	<0.0541	<0.0541	<0.0541
DCA-HA2	5	July '08	mg/kg	<0.0355	<0.0592	<0.118	0.0503	<0.118	<0.0592	<0.0592	<0.0592	<0.0592	<0.0592	<0.0592	<0.0592
DCA-HA3	1	July '08	mg/kg	<0.037	<0.0617	<0.123	<0.123	<0.123	<0.0617	<0.0617	<0.0617	<0.0617	<0.0617	<0.0617	<0.0617
DCA-HA3	3	July '08	mg/kg	<0.0359	<0.0598	<0.12	<0.12	<0.12	<0.0598	<0.0598	<0.0598	<0.0598	<0.0598	<0.0598	<0.0598
DCA-HA4	1	July '08	mg/kg	<0.0243	<0.0405	<0.0809	<0.0809	<0.0809	<0.0405	<0.0405	<0.0405	<0.0405	<0.0405	<0.0405	<0.0405
DCA-HA4	2	July '08	mg/kg	<0.0184	<0.0306	<0.0613	<0.0613	<0.0613	<0.0306	<0.0306	<0.0306	<0.0306	<0.0306	<0.0306	<0.0306
DCA-HA5	1	July '08	mg/kg	<0.0237	<0.0394	<0.0789	<0.0789	<0.0789	<0.0394	<0.0394	<0.0394	<0.0394	<0.0394	<0.0394	<0.0394
DCA-HA6	1	July '08	mg/kg	<0.0141	<0.0235	<0.047	<0.047	<0.047	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235	<0.0235
DCA-HA6	2	July '08	mg/kg	<0.0205	<0.0342	<0.0683	<0.0683	<0.0683	<0.0342	<0.0342	<0.0342	<0.0342	<0.0342	<0.0342	<0.0342
DCA-HA7	1	July '08	mg/kg	<0.0199	<0.0331	<0.0663	<0.0663	<0.0663	<0.0331	<0.0331	<0.0331	<0.0331	<0.0331	<0.0331	<0.0331
DCA-HA7	2	July '08	mg/kg	<0.0224	<0.0373	<0.0747	<0.0747	<0.0747	<0.0373	<0.0373	<0.0373	<0.0373	<0.0373	<0.0373	<0.0373
DCA-HA8	1	July '08	mg/kg	<0.0206	<0.0344	<0.0688	0.0292	<0.0688	<0.0344	<0.0344	<0.0344	<0.0344	<0.0344	<0.0344	<0.0344
DCA-HA8	2	July '08	mg/kg	<0.018	<0.03	<0.06	<0.06	<0.06	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

Soil Gas

(none)

Field Data

(none)

POL (South Runway), DCA, and Yukon Galena Airport
July and September 2008 Results