

**TABLE 5-18
DUPLICATE RESULTS FOR BTEX and PAHS
CHAMPAIGN MGP SITE
CHAMPAIGN, ILLINOIS
AMERENIP**

CONSTITUENT	UNITS	B-513	B-513	B-516	B-516	B-554	B-554	B-560	B-560	B-561	B-561
		B-513-2	B-513-2D	B-516-5	B-516-5D	B-554-3	B-554-3D	B-560-20	B-560-20D	B-561-32	B-561-32D
		7/12/2004	7/12/2004	7/22/2004	7/22/2004	7/15/2004	7/15/2004	7/16/2004	7/16/2004	7/15/2004	7/15/2004
		1'-2'	1'-2'	4'-5'	4'-5'	2'-3'	2'-3'	19'-20'	19'-20'	31'-32'	31'-32'
		Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate
Acenaphthene	(mg/kg)	0.052	<0.063	7.5	3.27	<3.02	0.62	0.014	0.028	<0.011	<0.011
Acenaphthylene	(mg/kg)	0.1	<0.063	4.97	3.69	9.15	11.7	<0.011	<0.012	<0.011	<0.011
Anthracene	(mg/kg)	0.221	<0.063	3.75	2.67	<2.81	3.1	0.014	0.027	<0.011	<0.011
Benzo(a)anthracene	(mg/kg)	0.803	0.18	7.19	7.73	<2.45	11.1	0.019	0.028	<0.011	<0.011
Benzo(a)pyrene	(mg/kg)	0.821	0.19	15.5	15.4	8.5	20.9	0.018	0.03	<0.011	<0.011
Benzo(b)fluoranthene	(mg/kg)	1.33	0.37	13.3	14.3	8.2	22.4	0.015	0.023	<0.011	<0.011
Benzo(ghi)perylene	(mg/kg)	0.307	0.11	4.98	5.61	8.5	7.15	<0.011	0.015	<0.011	<0.011
Benzo(k)fluoranthene	(mg/kg)	0.492	0.13	4.25	4.07	<2.42	7.71	<0.011	<0.012	<0.011	<0.011
Chrysene	(mg/kg)	0.934	0.26	8.45	8.08	4.3	16.7	0.019	0.026	<0.011	<0.011
Dibenzo(a,h)anthracene	(mg/kg)	0.12	<0.063	1.3	1.5	<2.47	1.6	<0.011	<0.012	<0.011	<0.011
Fluoranthene	(mg/kg)	1.7	0.33	7.63	7.11	4.6	18.5	0.029	0.043	<0.011	<0.011
Fluorene	(mg/kg)	0.051	<0.063	5.51	3.25	<2.91	2.3	<0.011	0.017	<0.011	<0.011
Indeno(1,2,3-cd)pyrene	(mg/kg)	0.404	0.1	4.47	4.99	4.4	6.22	<0.011	<0.012	<0.011	<0.011
Naphthalene	(mg/kg)	0.052	0.096	23.9	9.25	<3.53	3.1	0.057	0.1	<0.011	0.02
Phenanthrene	(mg/kg)	0.837	0.14	11.6	7.08	3.3	10.7	0.05	0.085	<0.011	<0.011
Pyrene	(mg/kg)	1.34	0.34	14.5	14.2	8.5	33.1	0.044	0.067	<0.011	<0.011
Toluene	(ug/kg)	3.2	2.7	289	199	211	261	6.1	2	1.7	1.8
Xylene (total)	(ug/kg)	1.8	1.2	1480	1670	624	668	4.5	1.6	1.7	1.8
Ethylbenzene	(ug/kg)	<1.1	<1.1	4720	8490	256	247	2.1	1	<0.8	<0.8
Benzene	(ug/kg)	7.6	3.9	656	752	180	147	10.4	2.6	1.5	1.4

Notes: ug/kg Micrograms per kilogram
 (1) Provisional remediation objective provided by IEPA
 ----- No remediation objective has been established by the IEPA for this constituent for this exposure route
 <12 Not detected at the level identified
 Analytical result exceeds one or more Tier 1 RO