

**TABLE 2-7  
PHASE II GROUNDWATER ANALYTICAL SUMMARY  
CHAMPAIGN MGP SITE  
CHAMPAIGN, ILLINOIS  
AMERENIP**

MONITORING WELL NUMBER	GROUNDWATER SAMPLE			CHEMICAL PARAMETERS													
	FIELD NUMBER	LAB NUMBER	DATE	SW-846 LABORATORY ANALYTICAL METHOD ( DILUTION )													
				VOCs	SVOCs	PAH	TPH	Phenols	Metals	As	Hg	CN	COD	Am Nitr	Nit Nitr	Sulfate	Sulfide
UMW - 101	UMW-101-1290	A220595	17-Dec-90	8240 (1:10)	8270 (1:10)		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 101	UMW-101-0192	A246331	24-Jan-92	8240 (1:2500)	8270 (1:20)												
UMW - 102	UMW-102-1290	A220507	17-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 102	UMW-102-0192	A246292	24-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:25)	9030
UMW - 102	UMW-102-0193	A270516	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:20)	9030
UMW - 103	UMW-103-1290	A220499	16-Dec-90	8240 (1:10)	8270 (1:50)		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 103	UMW-103-0192	A246293	24-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:10)	9030
UMW - 103	UMW-153-0192	A246294	24-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:10)	353.2	9038 (1:5)	9030
UMW - 103	UMW-103-0193	A270514	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:10)	9030
UMW - 104	UMW-104-1290	A220502	16-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 104	UMW-104-0193	A270392	06-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:5)	9030
UMW - 105	UMW-105-1290	A220503	16-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 105	UMW-155-1290	A220504	16-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 105	UMW-105-0192	A246071	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:10)	9030
UMW - 105	UMW-105-0193	A270872	05-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:100)	9030
UMW - 106	UMW-106-1290	A220501	16-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 106	UMW-106-0192	A246069	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:25)	9030
UMW - 106	UMW-106-0193	A270522	08-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:10)	353.2	375.4 (1:20)	9030
UMW - 107	UMW-107-1290	A220500	16-Dec-90	8240 (1:50)	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 107	UMW-107-0192	A246295	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:10)	353.2	9038	9030
UMW - 108	UMW-108-1290	A220596	17-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:5)	353.2	375.4	9030
UMW - 108	UMW-108-0192	A246066	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:5)	9030 (1:2)
UMW - 108	UMW-108-0193	A270519	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:5)	9030
UMW - 109	UMW-109-0192	A246067	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:25)	9030 (1:2)
UMW - 109	UMW-109-0193	A270394	05-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 110	UMW-110-1290	A220498	16-Dec-90	8240	8270 (1:5)		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:25)	353.2	375.4	9030
UMW - 110	UMW-110-0192	A246319	25-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:5)	353.2	9038 (1:25)	9030
UMW - 110	UMW-110-0193	A270876	06-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:100)	9030
UMW - 111	UMW-111-1290	A220597	17-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030

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AMERENIP**

MONITORING WELL NUMBER	GROUNDWATER SAMPLE			CHEMICAL PARAMETERS													
	FIELD NUMBER	LAB NUMBER	DATE	SW-846 LABORATORY ANALYTICAL METHOD ( DILUTION )													
				VOCs	SVOCs	PAH	TPH	Phenols	Metals	As	Hg	CN	COD	Am Nitr	Nit Nitr	Sulfate	Sulfide
UMW - 111	UMW-111-0192	A246070	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:5)	9030
UMW - 111	UMW-111-0193	A270398	05-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:10)	9030
UMW - 112	UMW-112-1290	A220504	16-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 112	UMW-112-0192	A246072	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:10)	9030
UMW - 112	UMW-162-0192	A246065	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:10)	9030 (1:2)
UMW - 112	UMW-112-0193	A270517	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:5)	9030
UMW - 112	UMW-162-0193	A270518	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:5)	9030
UMW - 113	UMW-113-0192	A246296	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:10)	9030
UMW - 113	UMW-163-0192	A246298	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:10)	9030
UMW - 113	UMW-113-0193	A270521	08-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:10)	9030
UMW - 114	UMW-114-0192	A246300	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:10)	353.2	9038 (1:5)	9030
UMW - 114	UMW-114-0193	A270520	08-Jan-93	8240	8270	8310 (1:10)	8015 MOD	9066	6010	7060	7470	9012	410.4 (1:5)	350.3	353.2	375.4 (1:5)	9030
UMW - 115	UMW-115-0192	A246299	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3 (1:10)	353.2	9038 (1:50)	9030 (1:2)
UMW - 115	UMW-115-0193	A270513	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4 (1:5)	350.3 (1:5)	353.2	375.4 (1:50)	9030
UMW - 116	UMW-116-0192	A246064	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038 (1:25)	9030 (1:2)
UMW - 116	UMW-116-0193	A270873	05-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:100)	9030
UMW - 401	UMW-401-1290	A220598	17-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 401	UMW-451-1290	A220599	17-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 401	UMW-401-0192	A246297	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038	9030
UMW - 401	UMW-401-0193	A270515	07-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 402	UMW-402-1290	A220506	16-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 402	UMW-402-0193	A270396	06-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 403	UMW-403-1290	A220739	19-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UMW - 403	UMW-403-0193	A270395	06-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:5)	9030
UMW - 403	UMW-453-0193	A270397	06-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4 (1:5)	9030
UPZ - 101	UPZ-101-1290	A220737	19-Dec-90	8240	8270 (1:10)		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UPZ - 301	UPZ-301-1290	A220738	19-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UPZ - 303	UPZ-303-1290	A220740	19-Dec-90	8240	8270		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	375.4	9030
UPZ - 104	UPZ-104-0193	A270874	04-Jan-93	8240	8270 (1:2)	8310 (1:5)	8015 MOD	9066	6010	7060	7470	9012	410.4 (1:5)	350.3 (1:25)	353.2	375.4 (1:100)	9030
UPZ - 105	UPZ-105-0193	A270393	04-Jan-93	8240	8270	8310	8015 MOD	9066	6010	7060	7470	9012	410.4 (1:5)	350.3 (1:5)	353.2	375.4 (1:5)	9030
UPZ - 106	UPZ-106-0193	A270875	04-Jan-93	8240	8270 (1:2)	8310 (1:5)	8015 MOD	9066	6010	7060	7470	9012	410.4 (1:5)	350.3 (1:5)	353.2	375.4 (1:100)	9030

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PHASE II GROUNDWATER ANALYTICAL SUMMARY  
CHAMPAIGN MGP SITE  
CHAMPAIGN, ILLINOIS  
AMERENIP**

MONITORING WELL NUMBER	GROUNDWATER SAMPLE			CHEMICAL PARAMETERS													
	FIELD NUMBER	LAB NUMBER	DATE	SW-846 LABORATORY ANALYTICAL METHOD ( DILUTION )													
				VOCs	SVOCs	PAH	TPH	Phenols	Metals	As	Hg	CN	COD	Am Nitr	Nit Nitr	Sulfate	Sulfide
QA SAMPLES																	
UMW - 001	UMW-001-1290	A220509	17-Dec-90	8240													
UMW - 002	UMW-002-1290	A220601	17-Dec-90	8240													
UMW - 701	UMW-701-1290	A220508	17-Dec-90	8240													
UMW - 702	UMW-702-1290	A220602	17-Dec-90	8240													
UMW - 001	UMW-001-0192	A246068	21-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038	9030
UMW - 002	UMW-002-0192	A246291	23-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038	9030
UMW - 003	UMW-003-0192	A246318	24-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038	9030
UMW - 004	UMW-004-0192	A246322	25-Jan-92	624	625		8015 MOD	9066	6010	7060	7470	9012	410.4	350.3	353.2	9038	9030
UMW - 501	UMW-501-0192	A246073	21-Jan-92	624													
UMW - 503	UMW-503-0192	A246302	23-Jan-92		625		8015 MOD										
UMW - 504	UMW-504-0192	A246301	24-Jan-92	624													
UMW - 505	UMW-505-0192	A246323	25-Jan-92	624													
UPZ - 501	UPZ-501-0193	A270923	04-Jan-93	8240													
UMW - 501	UMW-501-0193	A270399	05-Jan-93	8240													
UMW - 502	UMW-502-0193	A270924	06-Jan-93	8240													
UMW - 503	UMW-503-0193	A270524	08-Jan-93	8240													
UMW - 504	UMW-504-0193	A270523	08-Jan-93	8240													

(1:20) = Dilution factor

Chemical Parameters:

- VOCs - Volatile Organic Compounds.
- SVOCs - Semi-Volatile Organic Compounds.
- PAH - Polycyclic Aromatic Hydrocarbons.
- TPH - Total Petroleum Hydrocarbons.
- As - Arsenic.
- Hg - Mercury.
- CN - Cyanide.
- COD - Chemical Oxygen Demand.
- Am Nitr - Amonia Nitrogen.
- Nit Nitr - Nitrate Nitrogen.
- DO - Dissolved Oxygen.
- SC - Specific Conductance.