

**TABLE 2-10**  
**QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**BTEX and NAPHTHALENE**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L					Total BTEX	Naphthalene
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000			
UMW-102	02/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/07/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	08/04/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	11/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	02/02/98	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/04/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(8.7)	
	08/05/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	08/05/98	is	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	11/10/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	03/25/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(10)	
	06/16/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	09/14/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	12/09/99	ND(2)	ND(2)	ND(2)	ND(5)	0.0	ND(6)	
	03/02/00	ND(2)	ND(2)	ND(2)	ND(4)	0.0	ND(5)	
	06/15/00	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(10)	
	09/26/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/27/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/08/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/25/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/06/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/05/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/12/03		2.3	5.9	ND(5)	4.1	J 12.3	18.1
	06/12/03	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/02/04	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	05/25/04	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(3)
	12/06/04	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/15/05	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/09/05	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/27/05	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
12/27/05	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
03/30/06	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
06/22/06	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
09/19/06	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
12/13/06	ND(2)	ND(5)	ND(5)	ND(5)	1.1	1.1	ND(10)	
03/26/07	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	0.00013	
06/14/07	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
09/21/07	ND(2)	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
UMW-104	07/26/04	ND(2)	ND(5)	ND(5)	1.4	1.40	ND(3)	
	03/27/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(3)	
UMW-105	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	0.00	ND(3)	
	03/27/07	ND(2)	ND(5)	ND(5)	ND(5)	0.00	ND(3)	
UMW-106	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	0.00	ND(3)	
	03/26/07	ND(2)	ND(5)	ND(5)	ND(5)	0.00	ND(3)	

d Duplicate sample for QA/QC.  
J Estimated concentration below method detection limit.  
Is Laboratory split to second laboratory for quality assurance and quality control.  
ND Not Detected (Detection Limit).  
- - Not Applicable.  
\* Suspected laboratory error; carryover in capillary column from other samples.  
NA Not analyzed  
\*\* 3,210/5,810 are analytical results using Methods 8260/or 8310  
UMW-111A Replacement well for UMW-111.  
Analyte detected above Tier 1 Remedial Objective.

**TABLE 2-10**  
**QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**BTEX and NAPHTHALENE**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L									
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000	Total BTEX	Naphthalene 140				
UMW-107	02/04/97	2,820	79.5	J	ND(125)	114	J	3014	75.3		
	02/04/97	d 3,060	84.8	J	ND(125)	120	J	3265	82.1		
	05/07/97	2,050	67.3		14.2	114		2246	90.6		
	08/05/97	2,460	79.8		15.4	111	J	2666	92.0		
	11/04/97	3,430	131		22.7	J 193		3777	130		
	02/02/98	2,910	106		19.6	160		3196	75.5		
	05/04/98	2,130	72.8		ND(50)	164		2367	85		
	05/04/98	d 1,870	61.6		ND(50)	139		2071	78		
	08/06/98	2,260	60.7		ND(50)	120		2441	ND(5)		
	11/10/98	4,110	146		ND(50)	220		4476	239		
	03/25/99	2,320	66.2		ND(50)	134		2520	ND(250)		
	06/16/99	1,220	ND(100)		ND(100)	144		1364	30		
	09/14/99	1,480	47		ND(20)	77.2		1604	265		
	12/08/99	3,160	136		ND(50)	209		3505	164		
	03/02/00	1,810	80.8		ND(20)	87.1		1978	152		
	06/15/00	652	115		15.4	178		960	212		
	09/26/00	4,840	236		ND(125)	370		5446	702		
	12/27/00	2,040	89.5		11.5	166		2307	207	E	
	12/27/00	d 2,100	87.4		11.9	169		2368	198		
	03/08/01	329	ND(125)		ND(125)	68		397	38.1		
	06/25/01	1,170	58.9		7.6	134		1371	70.4		
	09/06/01	3,440	127		ND(125)	173		3740	172		
	bailer peristaltic	12/06/01	d 2,110	70	J	ND(125)	120	J	2300	167	
		12/06/01	d 1,630	103		11.1	190		1934	154	
		03/06/02	800	52.9		5.4	119		977	35.2	
		06/04/02	704	41.9		5.0	103		854	86.6	
		09/04/02	2,290	110		ND(200)	170		2570	123	
		12/05/02	2,190	98	J	ND(200)	150	J	2438	181	
		03/12/03	2,000	150	J	ND(500)	290	J	2440	174	
		06/12/03	678	34	J	ND(125)	74	J	786	80.1	
		03/02/04	986	ND(50)		ND(50)	57		1043	83.7	
		05/25/04	694	18		ND(50)	59.4		753	52.4	
		07/26/04	760	ND(250)		ND(250)	77		837	87.7	
12/07/04		416	ND(250)		ND(125)	49		465	59.7		
03/15/05		589	36		4.0	64.1		653	53.2		
06/09/05		549	27.8		ND(25)	49.2		598	59.4		
09/27/05		344	17.1		2.6	32.1		376	58		
12/27/05		859	46.5		5.4	54.4		913	130		
03/30/06		231	18.6		<5	28.6		260	57.8		
06/22/06	289	18.2		2.4	30.7		320	106			
09/19/06	1,280	69.1		11.0	81.2		1361	180			
12/13/06	812	44.1		7.1	55.2		867	47.7			
03/27/07	0.308	0.015	J	ND(50)	0.024	J	0.332	0.0684	S		
06/14/07	798	32		ND(50)	43.0		841	170			
09/21/07	544	31	J	ND(50)	42.0	J	586	118			
09/21/07	1,020	55.7		ND(50)	71.5		1092	194			

d Duplicate sample for QA/QC.  
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ls Laboratory split to second laboratory for quality assurance and quality control.  
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\* Suspected laboratory error; carryover in capillary column from other samples.  
NA Not analyzed  
\*\* 3,210/5,810 are analytical results using Methods 8260/or 8310  
UMW-111A Replacement well for UMW-111.  
Analyte detected above Tier 1 Remedial Objective.

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 QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS  
 BTEX and NAPHTHALENE  
 CHAMPAIGN MGP SITE  
 CHAMPAIGN, ILLINOIS  
 AMERENIP

Monitoring Well	Sampling Date	Concentration ug/L					Total BTEX	Naphthalene
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000			
UMW-108	02/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/07/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/07/97	d	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	08/04/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	11/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	02/02/98	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/04/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5.7)	
	08/05/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	08/05/98	d	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	11/10/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	03/25/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(10)	
	06/16/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	09/14/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	12/09/99	ND(2)	ND(2)	ND(2)	ND(5)	0.0	ND(6)	
	03/02/00	ND(2)	ND(2)	ND(2)	ND(4)	0.0	ND(5)	
	06/15/00	0.8	J	ND(2)	ND(5)	ND(4)	0.8	ND(10)
	09/26/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/27/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/08/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/25/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/06/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/05/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/02/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	05/25/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(3)	
	12/06/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/15/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
06/09/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
09/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
12/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
03/30/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
06/22/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
09/19/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
12/13/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
03/26/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
06/14/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
09/21/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
UMW-109	03/25/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(10)	
	06/16/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	09/14/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	09/14/99	d	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	12/09/99	ND(2)	ND(2)	ND(2)	ND(5)	0.0	ND(6)	
	03/02/00	ND(2)	ND(2)	ND(2)	ND(4)	0.0	ND(5)	
	06/15/00	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(10)	
	07/26/04	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(3)	
03/26/07	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(3)		
UMW-110	07/26/04	15.6	67.5	2.3	37.3	122.7	24.6	
	03/27/07	0.0078	0.0217	0.0014	J 0.0238	0.0547	0.00571	

d Duplicate sample for QA/QC.  
 J Estimated concentration below method detection limit.  
 ls Laboratory split to second laboratory for quality assurance and quality control.  
 ND Not Detected (Detection Limit).  
 - - Not Applicable.  
 \* Suspected laboratory error; carryover in capillary column from other samples.  
 NA Not analyzed  
 \*\* 3,210/5,810 are analytical results using Methods 8260/or 8310

UMW-111A Replacement well for UMW-111.  
 Analyte detected above Tier 1 Remedial Objective.

**TABLE 2-10  
 QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS  
 BTEX and NAPHTHALENE  
 CHAMPAIGN MGP SITE  
 CHAMPAIGN, ILLINOIS  
 AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L					
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000	Total BTEX	Naphthalene 140
UMW-111	09/14/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	12/09/99	ND(2)	ND(2)	ND(2)	ND(5)	0.0	ND(6)
	06/15/00	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(10)
	09/26/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/27/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/08/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/25/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/06/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/05/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/02/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	05/25/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(3)
	12/06/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/15/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
06/09/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
09/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
12/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
03/30/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
06/22/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
09/19/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
12/13/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
03/26/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
06/14/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
09/21/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
UMW-112	02/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	05/07/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	08/04/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	11/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	02/02/98	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	05/04/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(22.5) *
	08/05/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	08/05/98	is	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	11/10/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	03/25/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(10)
	06/16/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	06/16/99	d	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	09/14/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)
	12/08/99	ND(2)	ND(2)	ND(2)	ND(5)	0.0	ND(6)
	03/02/00	ND(2)	ND(2)	ND(2)	ND(4)	0.0	ND(5)
	06/15/00	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(10)
	09/26/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/27/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/08/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/25/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/06/02	ND(2)	1.1	J	ND(5)	1.1	3.3 J
06/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
09/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
12/05/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
03/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
06/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
03/02/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	

(continued)

d Duplicate sample for QA/QC.  
 J Estimated concentration below method detection limit.  
 is Laboratory split to second laboratory for quality assurance and quality control.  
 ND Not Detected (Detection Limit).  
 -- Not Applicable.  
 \* Suspected laboratory error; carryover in capillary column from other samples.  
 NA Not analyzed

**TABLE 2-10**  
**QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**BTEX and NAPHTHALENE**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L				
		Benzene	Ethylbenzene	Toluene	Xylenes (Total)	Naphthalene
Tier 1 Remedial Objective		5	700	1,000	10,000	140
	**	3,210/5,810 are analytical results using Methods 8260/or 8310				
	UMW-111A	Replacement well for UMW-111.				
		Analyte detected above Tier 1 Remedial Objective.				

**TABLE 2-10**  
**QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**BTEX and NAPHTHALENE**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L					
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000	Total BTEX	Naphthalene 140
<b>UMW-112 (continued)</b>	05/25/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(3)
	12/06/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/15/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/09/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/30/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/22/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/19/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	12/13/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	03/26/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	06/14/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
	09/21/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)
<b>UMW-113</b>	07/26/04	5.7	1	ND(5)	4.8	11.5	ND(3)
	03/27/07	0.0104	0.0022	J	0.0023	J 0.0149	0.00017
<b>UMW-114</b>	02/03/97	1,430	1,330	47.3	J 622	3429	1,700
	05/08/97	1,410	1,170	27.4	586	3193	2,620
	08/05/97	1,220	1,240	33.0	573	3066	1,800
	11/04/97	1,400	1,310	52.6	627	3390	2,300
	02/03/98	1,220	1,100	117	645	3082	2,280
	02/03/98 d	1,200	1,060	118	618	2996	2,210
	05/05/98	1,170	1,280	107.0	759	3316	3,210/5,810**
	08/06/98	1,060	1,290	ND(50)	2,140	4490	4,000
	11/11/98	998	769	ND(100)	709	2476	3,050
	03/25/99	911	888	116.0	675	2590	4,190
	06/16/99	1,180	1,260	J 166.0	780	J 3386	2,180
	09/14/99	1,270	1,330	201.0	834	3635	3,350
	12/08/99	1,140	1,280	242.0	862	3524	3,170
	03/02/00	930	811	186.0	572	2499	3,400
	06/15/00	1,080	ND(50)	ND(50)	ND(50)	1080	5,740
	09/26/00	886	1,080	169.0	669	2804	3,750
	12/27/00	858	983	171.0	728	2740	2,800
	03/08/01	841	1,220	212.0	766	3039	2,370
	06/25/01	974	1,180	119.0	666	2939	2,410
	09/06/01	764	818	98.0	J 526	2206	765
	12/06/01	910	1,190	196.0	733	3029	3,200
	03/06/02	810	1,160	197.0	849	3016	2,270
	06/04/02	804	1,250	215.0	844	3113	4,400
	09/04/02	557	843	110.0	522	2032	3,960
	12/05/02	832	1,220	190.0	J 526	2768	3,250
	03/12/03	703	1,160	150.0	J 727	2740	2,860
	06/12/03	826	1,160	173	772	2931	3,540
	06/12/03 d	786	1080	160	728	2754	3.54
	03/02/04	754	1040	<250	481	2275	4480
	05/25/04	760	1230	153	861	2851	3660
	07/26/04	628	868	120	425	2041	3650
	12/07/04	796	1,130	164	848	2938	3510
	03/15/05	736	1,250	164	899	3049	5580
	06/09/05	867	1,260	152	932	3211	5120
	09/27/05	1,130	1,370	190	1010	3700	11500
	12/27/05	939	1,150	133	891	3113	5980
	03/30/06	875	1,220	123	958	3176	6000
	06/22/06	936	1,140	131	1020	3227	7510
	09/19/06	938	1,220	150	924	3232	7880
	12/31/06	1080	1,110	170	1020	3380	5260
	03/27/07	1,020	1,230	0.140	J 0.974	3.36	3.61
	06/14/07	1,150	1,160	170	J 963	3443	6440
	09/21/07	1,120	1,060	130	J 861	3171.00	5560

d Duplicate sample for QA/QC.  
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Is Laboratory split to second laboratory for quality assurance and quality control.  
ND Not Detected (Detection Limit).  
-- Not Applicable.  
\* Suspected laboratory error; carryover in capillary column from other samples.  
NA Not analyzed  
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UMW-111A Replacement well for UMW-111.  
Analyte detected above Tier 1 Remedial Objective.

**TABLE 2-10**  
**QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**BTEX and NAPHTHALENE**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L						
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000	Total BTEX	Naphthalene 140	
UMW-115	02/03/97	30.8	3.6	J	ND(5)	ND(5)	34.4	ND(5)
	05/08/97	6.1	6.1		ND(5)	ND(5)	12.2	ND(5)
	08/04/97	10.5	2.2	J	ND(5)	ND(5)	12.7	ND(5)
	08/04/97	d 10.3	2.1	J	ND(5)	ND(5)	12.4	2.5 J
	11/04/97	10.1	2.5	J	ND(5)	ND(5)	12.6	ND(5)
	02/03/98	4.4	J 2	J	ND(5)	ND(5)	6.4	ND(5)
	05/05/98	5.6	6.6		ND(2)	ND(2)	12.2	ND(5)
	08/06/98	9.5	ND(2)		ND(2)	ND(2)	9.5	ND(5)
	11/11/98	ND(2)	ND(2)		ND(2)	ND(2)	0.0	ND(5)
	11/11/98	d ND(2)	ND(2)		ND(2)	ND(2)	0.0	ND(5)
	03/25/99	ND(2)	4.4		ND(2)	4.3	8.7	13.2
	06/16/99	523	ND(20)		ND(20)	34	557.0	83.8
	09/14/99	56.5	ND(2)		ND(2)	2.7	59.2	ND(5)
	12/09/99	31.2	ND(2)		ND(2)	ND(5)	31.2	ND(6)
	03/02/00	46.3	ND(2)		ND(2)	ND(4)	46.3	ND(5)
	06/15/00	46.3	J 2.4	J	1.5	J 1.1	J 51.3	27.8 J
	09/26/00	27.2	1.1	J	1.4	J ND(5.0)	29.7	ND(10)
	12/27/00	14	ND(5)		ND(5)		14.0	ND(10)
	03/08/01	20.2	ND(5)		ND(5)		20.2	ND(10)
	06/25/01	31	1.1	J	1.5	J ND(5)	33.6	3.8 J
	09/06/01	34.4	2.0	J	1.7	J ND(5)	38.1	6.1 J
	12/06/01	14.7	1.6		ND(5)	ND(5)	16.3	46.0 J
	12/06/01	d 12.1	1.2	J	ND(5)	ND(5)	13.3	7.3 J
	03/06/02	24.8	1.2	J	ND(5.0)	1.4	J 27.4	5.5 J
	06/04/02	14.3	ND(5)		ND(5)	ND(5)	14.3	20.9
	09/04/02	756	1030.0		150	581	2517.0	3130
	10/07/02	7.0	1.3	J	ND(5)	1.5	J 9.8	ND(10)
	12/05/02	6.4	1.2	J	ND(5)	ND(5)	7.6	ND(10)
	03/12/03	4.4	ND(5)		ND(5)	ND(5)	4.4	ND(10)
	06/12/03	13.4	ND(5)		ND(5)	ND(5)	13.4	6.4 J
	03/02/04	ND(2)	ND(5)		ND(5)	ND(5)	0.0	ND(10)
	05/25/04	12.2	ND(5)		ND(5)	ND(5)	12.2	ND(10)
	07/26/04	12.9	1.2		ND(5)	ND(5)	14.1	ND(3)
	12/07/04	5.9	ND(5)		ND(5)	ND(5)	5.9	ND(10)
	03/15/05	5.2	ND(5)		ND(5)	ND(5)	5.2	ND(10)
	06/09/05	8.3	ND(5)		1.1	ND(5)	9.4	ND(10)
	09/27/05	12.5	1.9		1.1	ND(5)	15.5	ND(10)
	12/27/05	4.1	ND(5)		ND(5)	ND(5)	4.1	ND(10)
	03/30/06	2.7	ND(5)		ND(5)	ND(5)	2.7	ND(10)
	06/22/06	11.7	ND(5)		1.4	1	14.1	ND(10)
09/19/06	7.0	1.4		ND(5)	1.2	9.6	ND(10)	
12/13/06	4.4	ND(5)		ND(5)	1.2	5.6	ND(10)	
03/27/07	0.0021	ND(5)		ND(5)	ND(5)	0.0021	0.00018	
06/14/07	9.0	ND(5)		ND(5)	ND(5)	9.0	3.9 J	
09/21/07	12.3	1.8	J	1.2	J 1.3	J 16.6	ND(10)	

d Duplicate sample for QA/QC.  
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ND Not Detected (Detection Limit).  
-- Not Applicable.  
\* Suspected laboratory error; carryover in capillary column from other samples.  
NA Not analyzed  
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UMW-111A Replacement well for UMW-111.  
Analyte detected above Tier 1 Remedial Objective.

**TABLE 2-10**  
**QUARTERLY GROUNDWATER SAMPLE ANALYTICAL RESULTS**  
**BTEX and NAPHTHALENE**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

Monitoring Well	Sampling Date	Concentration ug/L					Total BTEX	Naphthalene
		Benzene 5	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000			
UMW-116	02/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/07/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	08/05/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	2.7 J	
	11/03/97	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	11/03/97	d	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)
	02/02/98	ND(5)	ND(5)	ND(5)	ND(5)	0.0	ND(5)	
	05/04/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	08/05/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	11/10/98	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	03/25/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(10)	
	03/25/99	d	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(10)
	06/16/99	ND(2)	ND(2)	ND(2)	ND(2)	0.0	ND(5)	
	09/14/99	2.4	4.0	ND(2)	11.5	17.9	11.4	
	12/09/99	ND(2)	ND(2)	ND(2)	ND(5)	0.0	ND(7)	
	03/02/00	ND(2)	ND(2)	ND(2)	ND(4)	0.0	ND(5)	
	06/15/00	ND(2)	ND(2)	ND(5)	ND(5)	0.0	ND(10)	
	09/26/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/26/00	d	ND(2)	ND(5)	ND(5)	ND(5)	0.0	2.4 J
	12/27/00	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/08/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/25/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/03/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/06/01	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/06/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/04/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	12/05/02	ND(2)	ND(5)	ND(5)	ND(5)	0.0	8.6 J	
	03/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/12/03	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/02/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	05/25/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	07/26/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(3)	
	12/06/04	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	03/15/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	06/09/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
	09/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)	
12/27/05	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
03/30/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
06/22/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
09/19/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
12/13/06	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
03/26/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
06/14/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		
09/21/07	ND(2)	ND(5)	ND(5)	ND(5)	0.0	ND(10)		

- d Duplicate sample for QA/QC.
- J Estimated concentration below method detection limit.
- Is Laboratory split to second laboratory for quality assurance and quality control.
- ND Not Detected (Detection Limit).
- Not Applicable.
- \* Suspected laboratory error; carryover in capillary column from other samples.
- NA Not analyzed
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- UMW-111A Replacement well for UMW-111.
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