

**TABLE 2-4**  
**PHASE 1C and 1D SOIL-GAS SURVEY RESULTS**  
**FORMER MANUFACTURED GAS FACILITY**  
**CHAMPAIGN, ILLINOIS**  
**ILLINOIS POWER COMPANY**  
**1990**

Sample Location	Date Sampled	Sample Depth (feet)	Concentration (micrograms per liter)						
			Benzene	Toluene	Ethyl Benzene	Meta & Para-Xylene	Ortho-Xylene	Total BTEX	TPH
PH-1	Mar-90	24	289	179	49	178	89	784	----
PH-3	Mar-90	18	96	114	81	109	115	515	----
PH-3	Mar-90	10	543	540	1,106	604	956	3,749	----
PH-4	Mar-90	27	2,841	614	2,180	714	705	7,054	----
PH-4	Mar-90	18	3,668	810	2,973	859	858	9,168	----
PH-4	Mar-90	10	1,560	422	1,932	573	587	5,074	----
PH-4	Mar-90	3	3,718	1,083	3,603	1,166	1,143	10,713	----
PH-5	Mar-90	23.5	132	85	526	256	252	1,251	----
PH-6	Mar-90	23	98	108	339	225	151	921	----
PH-7	Mar-90	15	801	8	32	9	6	856	----
PH-14	Mar-90	18	4,660	1,572	2,164	1,476	1,289	11,161	----
PH-16	Mar-90	22	3,023	457	195	187	151	4,013	----
PH-17	Mar-90	10	114	34	627	246	281	1,302	----
PH-23	Mar-90	10	2,112	563	1,352	948	505	5,480	----
PH-24	Mar-90	10	9,531	481	4,774	3,011	1,760	19,557	----
PH-27	Mar-90	11	4,279	1,241	6,259	2,617	1,645	16,041	----
PH-31	Mar-90	15	ND	ND	95	84	ND	179	----
PH-33	Mar-90	16	653	690	1,190	861	562	3,956	----
PH-34	Mar-90	16	127	60	844	116	261	1,408	----
PH-35	Mar-90	12	23	ND	118	77	ND	218	----
PH-36	Mar-90	10	59	ND	281	ND	158	498	----
PH-8	Mar-90	19	5	1	2	2	ND	10	----
PH-9	Mar-90	21	1	1	ND	ND	ND	2	----
PH-10	Mar-90	29	1	1	1	2	ND	5	----
PH-11	Mar-90	15	1	2	2	3	2	10	----
PH-12	Mar-90	15	427	183	694	366	272	1,942	----
PH-15	Mar-90	10	925	1,309	1,099	741	377	4,451	----
PH-18	Mar-90	10	374	279	1,294	774	529	3,250	----
PH-19	Mar-90	17	42	57	215	138	159	611	----
PH-21	Mar-90	15	7,869	7,784	5,963	5,374	2,577	29,567	----
PH-22	Mar-90	23	1,510	255	237	720	406	3,128	----
PH-25	Mar-90	17	593	73	1,317	268	491	2,742	----
PH-26	Mar-90	11	59	ND	231	151	103	544	----
PH-28	Mar-90	11	59	80	393	210	150	892	----
PH-29	Mar-90	10	3,579	2,651	2,548	1,669	860	11,307	----
PH-30	Mar-90	15	371	194	522	454	363	1,904	----
PH-32	Mar-90	18	5,187	2,680	2,082	1,811	1,245	13,005	----
PH-101	May-90	20	11	ND	ND	2	ND	13	49
PH-103	May-90	10	108	5	26	18	21	178	347
PH-104	May-90	17	ND	ND	ND	ND	ND	ND	10
PH-105	May-90	25	ND	ND	ND	ND	ND	ND	5
PH-106	May-90	16	ND	ND	ND	ND	ND	ND	11
PH-107	May-90	20	ND	ND	ND	ND	ND	ND	8
PH-109	May-90	25	23	11	31	17	16	98	166
PH-110	May-90	17	90	34	100	81	60	365	437
PH-111	May-90	28	3	ND	2	ND	ND	5	24

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**1990**

Sample Location	Date Sampled	Sample Depth (feet)	Concentration (micrograms per liter)						Total BTEX	TPH
			Benzene	Toluene	Ethyl Benzene	Meta & Para-Xylene	Ortho-Xylene			
PH-112	May-90	23	ND	ND	ND	ND	ND	ND	6	
PH-113	May-90	25	272	272	134	271	155	1,104	1,541	
PH-115	May-90	17.5	ND	ND	ND	ND	ND	ND	13	
PH-117	May-90	17.5	ND	ND	ND	ND	ND	ND	8	
PH-117	May-90	17.5	ND	ND	ND	ND	ND	ND	12	
PH-118	May-90	25	15	49	6	17	7	94	140	
PH-119	May-90	12	284	920	86	580	232	2,102	2,318	
PH-120	May-90	12	20	56	35	122	65	298	471	
PH-121	May-90	25	ND	ND	ND	ND	ND	ND	9	
PH-122	May-90	25	ND	ND	ND	ND	ND	ND	7	
PH-123	May-90	22	ND	ND	ND	ND	ND	ND	6	
PH-124	May-90	12	ND	ND	ND	ND	ND	ND	17	
PH-126	May-90	12	264	409	604	864	583	2,724	3,365	
PH-127	May-90	12	31	21	38	105	105	300	347	
PH-129	May-90	12	ND	ND	ND	ND	ND	ND	20	
PH-130	May-90	12	ND	ND	ND	ND	ND	ND	7	
PH-132	May-90	12	ND	ND	ND	ND	ND	ND	13	
PH-133	May-90	17	ND	ND	ND	ND	ND	ND	21	
PH-134	May-90	12	ND	ND	ND	ND	ND	ND	10	
PH-135	May-90	15	ND	ND	ND	ND	ND	ND	16	
PH-136	May-90	12	3	1	5	3	9	21	47	
PH-137	May-90	15	ND	ND	ND	ND	ND	ND	9	
PH-137	May-90	15	ND	ND	ND	ND	ND	ND	15	
PH-139	May-90	25	3	ND	2	ND	ND	5	52	
PH-140	May-90	12	ND	ND	23	37	ND	60	1,463	
PH-141	May-90	12	ND	ND	10	ND	ND	10	40	
PH-142	May-90	12	ND	ND	ND	ND	ND	ND	9	
PH-100	May-90	38	15	ND	ND	6	ND	21	516	
PH-102	May-90	5	18	ND	ND	17	ND	35	175	
PH-108	May-90	27	ND	ND	ND	ND	ND	ND	75	
PH-108	May-90	27	ND	ND	ND	ND	ND	ND	79	
PH-114	May-90	25	155	139	193	139	87	713	5,879	
PH-116	May-90	17.5	ND	ND	8	ND	3	11	19	
PH-125	May-90	36	2	ND	ND	ND	ND	2	174	
PH-125	May-90	36	1	ND	ND	ND	ND	1	138	
PH-128	May-90	12	ND	ND	ND	ND	ND	ND	23	
PH-131	May-90	12	48	3	10	5	7	73	661	
PH-138	May-90	14	1	ND	ND	ND	ND	1	144	

ND - Not Detected above method detection limit