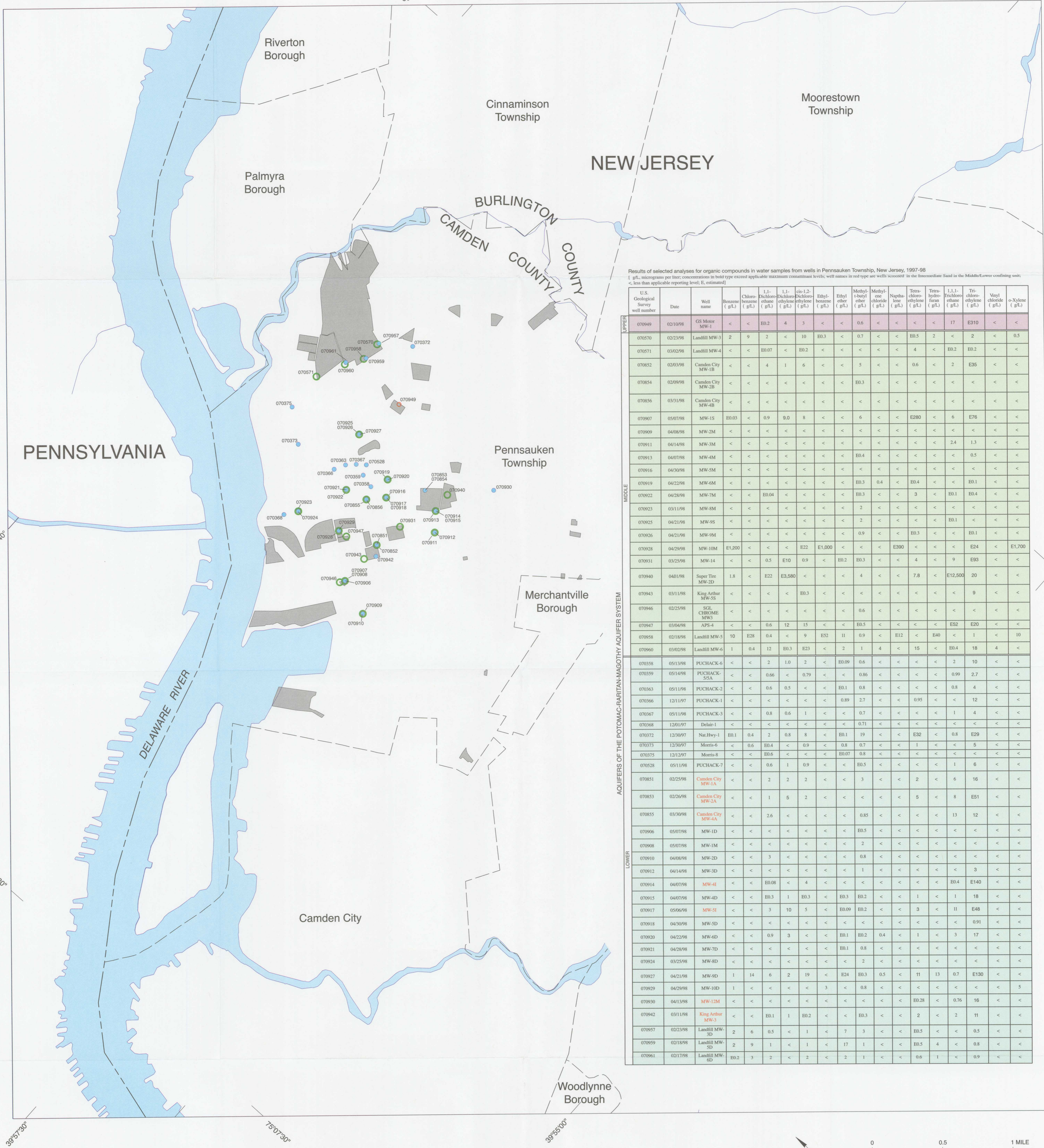


U.S. DEPARTMENT OF THE INTERIOR
 U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
 NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION



Results of selected analyses for organic compounds in water samples from wells in Pennsauken Township, New Jersey, 1997-98
 (1 g/L = micrograms per liter; concentrations in bold type exceed applicable maximum contaminant levels; well names in red type are wells screened in the Intermediate Sand in the Middle/Lower confining unit; < less than applicable reporting level; E, estimated)

U.S. Geological Survey well number	Date	Well name	Benzene (g/L)	Chloro-benzene (g/L)	1,1-Dichloro-ethane (g/L)	1,1-Dichloro-ethylene (g/L)	cis-1,2-Dichloro-ethylene (g/L)	Ethyl-benzene (g/L)	Ethyl-ether (g/L)	Methyl-ethyl-ether (g/L)	Methyl-ethyl-ether (g/L)	Methyl-ethyl-ether (g/L)	Tetra-chloro-ethane (g/L)	Tetra-hydro-furan (g/L)	1,1,1-Trichloro-ethane (g/L)	Tri-chloro-ethylene (g/L)	Vinyl chloride (g/L)	o-Xylene (g/L)
070949	02/10/98	GS Motor MW-1	<	<	E0.2	4	3	<	<	0.6	<	<	<	<	17	E310	<	<
070570	02/23/98	Landfill MW-3	2	9	2	<	10	E0.3	<	0.7	<	<	E0.5	2	<	2	<	0.5
070571	03/02/98	Landfill MW-4	<	<	E0.07	<	E0.2	<	<	<	<	<	4	<	E0.2	E0.2	<	<
070852	02/03/98	Camden City MW-1B	<	<	4	1	6	<	<	5	<	<	0.6	<	2	E35	<	<
070854	02/09/98	Camden City MW-2B	<	<	<	<	<	<	<	E0.3	<	<	<	<	<	<	<	<
070856	03/31/98	Camden City MW-4B	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
070907	05/07/98	MW-1S	E0.03	<	0.9	9.0	8	<	<	6	<	<	E280	<	6	E76	<	<
070909	04/08/98	MW-2M	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
070911	04/14/98	MW-3M	<	<	<	<	<	<	<	<	<	<	<	<	2.4	1.3	<	<
070913	04/07/98	MW-4M	<	<	<	<	<	<	<	E0.4	<	<	<	<	<	0.5	<	<
070916	04/30/98	MW-5M	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
070919	04/22/98	MW-6M	<	<	<	<	<	<	<	E0.3	0.4	<	E0.4	<	<	E0.1	<	<
070922	04/28/98	MW-7M	<	<	E0.04	<	<	<	<	E0.3	<	<	3	<	E0.1	E0.4	<	<
070923	03/11/98	MW-8M	<	<	<	<	<	<	2	<	<	<	<	<	<	<	<	<
070925	04/21/98	MW-9S	<	<	<	<	<	2	<	<	<	<	<	<	E0.1	<	<	<
070926	04/21/98	MW-9S	<	<	<	<	<	<	0.9	<	<	E0.3	<	<	E0.1	<	<	<
070928	04/29/98	MW-10M	E1,200	<	<	<	E22	E1,000	<	<	<	E390	<	<	E24	<	E1,700	
070931	03/25/98	MW-14	<	<	0.5	E10	0.9	<	E0.2	E0.3	<	4	<	9	E93	<	<	
070940	04/01/98	Super Tire MW-2D	1.8	<	E22	E3,580	<	<	4	<	<	7.8	<	E12,500	20	<	<	
070943	03/11/98	King Arthur MW-3S	<	<	<	<	E0.3	<	<	<	<	<	<	<	9	<	<	
070946	02/25/98	SGL CHROME MW-3	<	<	<	<	<	<	0.6	<	<	<	<	<	<	<	<	
070947	03/04/98	APS-4	<	<	0.6	12	15	<	E0.5	<	<	<	<	E52	E20	<	<	
070958	02/18/98	Landfill MW-5	10	E28	0.4	<	9	E52	11	0.9	<	E12	<	E40	<	1	<	
070960	03/02/98	Landfill MW-6	1	0.4	12	E0.3	E23	<	2	1	4	<	15	<	E0.4	18	4	<
070355	05/13/98	PUCHACK-6	<	<	2	1.0	2	<	E0.09	0.6	<	<	<	<	2	10	<	<
070359	05/14/98	PUCHACK-5SA	<	<	0.66	<	0.79	<	0.86	<	<	<	<	<	0.99	2.7	<	<
070363	05/11/98	PUCHACK-2	<	<	0.6	0.5	<	<	E0.1	0.8	<	<	<	<	0.8	4	<	<
070366	12/11/97	PUCHACK-1	<	<	<	<	<	<	0.89	2.7	<	<	0.95	<	<	12	<	<
070367	05/11/98	PUCHACK-3	<	<	0.8	0.6	1	<	0.7	<	<	<	<	<	1	4	<	<
070368	12/01/97	Delair-1	<	<	<	<	<	<	0.71	<	<	<	<	<	<	<	<	<
070372	12/30/97	Nat-Hwy-1	E0.1	0.4	2	0.8	8	<	E0.1	19	<	<	E32	<	0.8	E29	<	<
070373	12/30/97	Morris-6	<	0.6	E0.4	<	0.9	<	0.8	0.7	<	<	1	<	<	5	<	<
070375	12/12/97	Morris-8	<	<	E0.6	<	<	<	E0.07	0.8	<	<	<	<	<	<	<	<
070528	05/11/98	PUCHACK-7	<	<	0.6	1	0.9	<	E0.5	<	<	<	<	<	1	6	<	<
070851	02/25/98	Camden City MW-1A	<	<	2	2	2	<	3	<	<	2	<	6	16	<	<	
070853	02/26/98	Camden City MW-2A	<	<	1	5	2	<	<	<	<	5	<	8	E51	<	<	
070855	03/30/98	Camden City MW-4A	<	<	2.6	<	<	<	0.85	<	<	<	<	13	12	<	<	
070906	05/07/98	MW-1D	<	<	<	<	<	<	E0.5	<	<	<	<	<	<	<	<	
070908	05/07/98	MW-1M	<	<	<	<	<	<	2	<	<	<	<	<	<	<	<	
070910	04/08/98	MW-2D	<	<	3	<	<	<	0.8	<	<	<	<	<	<	<	<	
070912	04/14/98	MW-3D	<	<	<	<	<	<	1	<	<	<	<	<	3	<	<	
070914	04/07/98	MW-4I	<	<	E0.08	<	4	<	<	<	<	<	<	E0.4	E140	<	<	
070915	04/07/98	MW-4D	<	<	E0.3	1	E0.3	<	E0.3	E0.2	<	1	<	1	18	<	<	
070917	05/06/98	MW-5I	<	<	3	10	5	<	E0.09	E0.2	<	3	<	11	E48	<	<	
070918	04/30/98	MW-5D	<	<	<	<	<	<	<	<	<	<	<	<	<	0.91	<	
070920	04/22/98	MW-6D	<	<	0.9	3	<	<	E0.1	E0.2	0.4	1	<	3	17	<	<	
070921	04/28/98	MW-7D	<	<	<	<	<	<	E0.1	0.8	<	<	<	<	<	<	<	
070924	03/25/98	MW-8D	<	<	<	<	<	<	2	<	<	<	<	<	<	<	<	
070927	04/21/98	MW-9D	1	14	6	2	19	<	E24	E0.3	0.5	11	13	0.7	E180	<	<	
070929	04/29/98	MW-10D	1	<	<	<	<	3	<	<	<	<	<	<	<	<	5	
070930	04/13/98	MW-12M	<	<	<	<	<	<	<	<	<	E0.28	<	0.76	16	<	<	
070942	03/11/98	King Arthur MW-3	<	<	E0.1	1	E0.2	<	E0.3	<	<	2	<	2	11	<	<	
070957	02/23/98	Landfill MW-3D	2	6	0.5	<	1	<	7	3	<	<	E0.5	<	<	0.5	<	
070959	02/18/98	Landfill MW-5D	2	9	1	<	1	<	17	1	<	<	E0.5	4	<	0.8	<	
070961	02/17/98	Landfill MW-6D	E0.2	3	2	<	2	<	2	1	<	<	0.6	1	<	0.9	<	

EXPLANATION

- Known contaminant site (Locations determined from unpublished data available at N.J. Department of Environmental Protection, Trenton, N.J., 1996)
- WELL AND WELL NUMBER--Well screened in the Upper Potomac-Raritan-Magothy aquifer
- WELL AND WELL NUMBER--Well screened in the Middle Potomac-Raritan-Magothy aquifer
- WELL AND WELL NUMBER--Well screened in the Lower Potomac-Raritan-Magothy aquifer

Distribution of volatile organic compounds in water from selected wells in the Potomac-Raritan-Magothy aquifer system, Pennsauken Township, Camden County, New Jersey, December 1, 1997-May 14, 1998

By
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 2004