

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.

[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
1	381555085425701	4/6/1976	NS	NS	NS	NS	7.7	37
2	381604085430501	4/2/1946	NS	NS	14.4	260	NS	NS
		7/10/1979	NS	NS	16.5	720	7.1	NS
3	381610085424701	10/9/1953	NS	NS	13.9	440	NS	NS
4	381611085425201	4/11/1944	NS	NS	18	NS	NS	NS
		8/24/1944	NS	NS	16.1	400	NS	NS
		5/17/1945	NS	NS	NS	400	7	NS
		4/11/1946	NS	NS	17.8	390	NS	NS
		8/21/1946	NS	NS	16.1	420	NS	NS
		9/26/1947	NS	717	13.9	340	NS	NS
		10/5/1948	NS	725	14.4	350	NS	NS
		8/30/1949	NS	698	14.4	350	NS	NS
		8/15/1950	NS	726	14.4	370	NS	NS
		9/4/1951	NS	703	14.4	370	NS	NS
5	381613085421901	8/15/1952	NS	734	16	400	NS	NS
		12/18/1952	NS	798	13.9	450	7.6	NS
		8/15/1968	NS	735	16	400	NS	NS
		6/8/1946	NS	NS	13.9	370	NS	NS
		5/4/1946	NS	NS	13.9	370	NS	NS
6	381622085423401	5/4/1946	NS	NS	13.9	370	NS	NS
7	381638085415801	7/10/1979	NS	850	15	500	7.2	NS
8	381648085421201	4/30/1946	NS	NS	13.9	500	NS	NS
9	381651085420301	8/15/1979	NS	NS	NS	NS	NS	NS
		8/16/1979	NS	NS	NS	NS	NS	NS
		8/17/1979	NS	NS	NS	NS	NS	NS

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
9	381651085420301 (<i>continued</i>)	8/20/1979	420	860	15	600	NS	NS
		8/23/1979	404	910	16	512	NS	NS
		8/29/1979	400	800	16	568	NS	NS
		9/7/1979	462	750	15	448	NS	NS
		9/17/1979	464	875	NS	480	NS	NS
		9/18/1979	428	750	15	512	NS	NS
		9/20/1979	NS	NS	NS	NS	NS	NS
		9/21/1979	NS	NS	NS	NS	NS	NS
		9/25/1979	422	720	15	456	NS	56
		9/28/1979	NS	NS	NS	NS	NS	NS
		10/5/1979	NS	NS	NS	NS	NS	NS
		10/12/1979	406	800	14.5	492	NS	NS
		10/19/1979	NS	NS	NS	NS	NS	NS
		10/26/1979	380	650	14.6	NS	NS	NS
		11/3/1979	400	650	14.2	NS	NS	NS
		11/8/1979	376	780	14.3	484	NS	NS
		11/14/1979	NS	NS	NS	464	NS	NS
		11/18/1979	356	600	14	NS	NS	NS
		11/24/1979	370	600	14.3	444	NS	NS
		11/30/1979	362	500	14.5	440	NS	NS
		12/6/1979	352	600	14.5	436	NS	NS
		12/13/1979	340	490	15	492	NS	NS
		12/20/1979	339	590	14.5	416	NS	NS
		12/26/1979	240	600	15	408	NS	NS
		1/3/1980	322	610	14.5	428	NS	NS
		1/10/1980	336	590	14.5	384	NS	NS
		1/17/1980	330	590	15	422	NS	NS
		1/24/1980	328	590	14.5	416	NS	NS
		2/1/1980	326	590	14.5	NS	NS	NS
		2/8/1980	330	590	14.5	NS	NS	NS
		2/14/1980	330	600	14.2	NS	NS	NS
		2/21/1980	328	610	14.2	NS	NS	NS
		2/29/1980	NS	590	14.1	NS	NS	NS

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
9	381651085420301 (<i>continued</i>)	3/6/1980	NS	600	14.1	NS	NS	NS
		3/7/1980	NS	NS	NS	NS	NS	NS
		3/14/1980	NS	600	14.2	NS	NS	NS
		3/21/1980	NS	620	14.3	NS	NS	NS
		3/28/1980	NS	600	14.4	NS	NS	NS
		4/3/1980	NS	610	14.2	NS	NS	NS
		4/11/1980	NS	600	14.1	NS	NS	NS
		4/18/1980	NS	610	14.8	NS	NS	NS
		4/25/1980	NS	595	14.2	NS	NS	NS
		4/30/1980	NS	NS	NS	NS	NS	NS
		5/1/1980	NS	590	14.2	NS	NS	NS
		5/9/1980	NS	590	14.1	NS	NS	NS
		5/16/1980	NS	580	14.3	NS	NS	NS
		5/23/1980	NS	600	14.5	NS	NS	NS
		5/30/1980	NS	600	14.4	NS	NS	NS
		6/6/1980	NS	610	14.3	NS	NS	NS
		6/13/1980	NS	600	14.3	NS	NS	NS
		6/20/1980	NS	595	14.2	NS	NS	NS
		6/27/1980	NS	600	14.2	NS	NS	NS
		7/3/1980	NS	580	14.2	NS	NS	NS
		7/11/1980	NS	595	14.5	NS	NS	NS
		7/18/1980	NS	420	14.3	NS	NS	NS
		7/25/1980	NS	560	14.2	NS	NS	NS
		8/1/1980	NS	510	14.3	NS	NS	NS
		8/8/1980	NS	580	14.3	NS	NS	NS
		8/15/1980	NS	530	14.4	NS	NS	NS
		8/22/1980	NS	500	14.4	NS	NS	NS
		8/28/1980	NS	500	14.4	NS	NS	NS
		9/5/1980	NS	600	14.4	NS	NS	NS
		9/12/1980	NS	540	14.8	NS	NS	NS
9/19/1980	NS	550	14.5	NS	NS	NS		
9/26/1980	NS	560	14.5	NS	NS	NS		

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
10	381652085420201	8/15/1979	299	600	15	NS	NS	NS
		8/16/1979	299	580	15	412	NS	NS
		8/17/1979	304	600	15	410	NS	NS
		8/20/1979	306	650	15.3	NS	NS	NS
		8/23/1979	332	720	16	464	NS	NS
		8/29/1979	530	750	15	528	NS	NS
		9/7/1979	398	700	15	484	NS	NS
		9/17/1979	390	700	NS	552	NS	NS
		9/18/1979	388	800	15	532	NS	NS
		9/20/1979	NS	NS	NS	NS	NS	NS
		9/21/1979	NS	NS	NS	NS	NS	NS
		9/25/1979	372	720	15	488	NS	26
		9/28/1979	NS	NS	NS	NS	NS	NS
		10/5/1979	NS	NS	NS	NS	NS	NS
		10/12/1979	358	750	15.4	496	NS	NS
		10/19/1979	NS	NS	NS	NS	NS	NS
		10/26/1979	346	NS	14.3	NS	NS	NS
		11/3/1979	348	650	14.3	NS	NS	NS
		11/8/1979	344	800	14.4	456	NS	NS
		11/14/1979	NS	NS	NS	488	NS	NS
		11/18/1979	326	550	14.5	NS	NS	NS
		11/24/1979	340	650	14.4	436	NS	NS
		11/30/1979	332	650	15	420	NS	NS
		12/6/1979	319	590	15	400	NS	NS
		12/13/1979	310	600	15	424	NS	NS
		12/20/1979	310	550	15	392	NS	NS
		12/26/1979	326	590	15	396	NS	NS
		1/3/1980	326	590	15	408	NS	NS
		1/10/1980	304	570	15	388	NS	NS
		1/17/1980	312	570	15	412	NS	NS
		1/24/1980	310	550	15	408	NS	NS
		2/1/1980	310	550	15	NS	NS	NS
2/8/1980	304	540	15	NS	NS	NS		
2/14/1980	304	540	14.7	NS	NS	NS		

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹				Lab parameter ²	
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
10	381652085420201 (<i>continued</i>)	2/21/1980	312	570	14.9	NS	NS	NS
		2/29/1980	NS	530	14.5	NS	NS	NS
		3/6/1980	NS	540	14.6	NS	NS	NS
		3/7/1980	NS	NS	NS	NS	NS	NS
		3/14/1980	NS	540	14.6	NS	NS	NS
		3/21/1980	NS	540	14.5	NS	NS	NS
		3/28/1980	NS	530	14.5	NS	NS	NS
		4/3/1980	NS	540	14.6	NS	NS	NS
		4/11/1980	NS	520	14.8	NS	NS	NS
		4/18/1980	NS	570	14.7	NS	NS	NS
		4/25/1980	NS	520	14.4	NS	NS	NS
		4/30/1980	NS	NS	NS	NS	NS	NS
		5/1/1980	NS	550	14.4	NS	NS	NS
		5/9/1980	NS	550	14.4	NS	NS	NS
		5/16/1980	NS	550	14.4	NS	NS	NS
		5/23/1980	NS	590	15	NS	NS	NS
		5/30/1980	NS	580	14.4	NS	NS	NS
		6/6/1980	NS	590	14.5	NS	NS	NS
		6/13/1980	NS	600	14.6	NS	NS	NS
		6/20/1980	NS	600	14.4	NS	NS	NS
		6/27/1980	NS	600	14.6	NS	NS	NS
		7/3/1980	NS	450	14.4	NS	NS	NS
		7/11/1980	NS	580	14.3	NS	NS	NS
		7/18/1980	NS	550	14.2	NS	NS	NS
		7/25/1980	NS	610	14.3	NS	NS	NS
		8/1/1980	NS	500	14.3	NS	NS	NS
		8/8/1980	NS	650	14.2	NS	NS	NS
		8/15/1980	NS	590	14.5	NS	NS	NS
		8/22/1980	NS	505	14.3	NS	NS	NS
		8/28/1980	NS	360	14.4	NS	NS	NS
9/5/1980	NS	510	14.1	NS	NS	NS		
9/12/1980	NS	590	14.5	NS	NS	NS		

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
10	381652085420201 (<i>continued</i>)	9/19/1980	NS	600	15	NS	NS	NS
		9/26/1980	NS	550	14.5	NS	NS	NS
11	381652085420301	8/15/1979	417	800	14	560	NS	NS
		8/16/1979	410	770	15	535	NS	NS
		8/17/1979	401	740	15	NS	NS	NS
		8/20/1979	396	740	16	530	NS	NS
		8/23/1979	384	740	16	508	NS	NS
		8/29/1979	396	725	15	532	NS	NS
		9/7/1979	384	600	15	432	NS	NS
		9/17/1979	364	NS	NS	472	NS	NS
		9/18/1979	370	650	15	468	NS	NS
		9/20/1979	NS	NS	NS	468	NS	NS
		9/21/1979	NS	NS	NS	NS	NS	NS
		9/25/1979	358	675	16	472	NS	34
		9/28/1979	NS	NS	NS	NS	NS	NS
		10/5/1979	NS	NS	NS	NS	NS	NS
		10/12/1979	344	700	15.7	468	NS	NS
		10/19/1979	NS	NS	NS	NS	NS	NS
		10/26/1979	340	650	15.5	NS	NS	NS
		11/3/1979	332	625	15.9	NS	NS	NS
		11/8/1979	320	730	15.6	460	NS	NS
		11/14/1979	NS	NS	NS	452	NS	NS
		11/18/1979	332	630	15.7	NS	NS	NS
11/24/1979	320	600	15.9	428	NS	NS		
11/30/1979	318	600	16.5	428	NS	NS		
12/6/1979	316	580	16	443	NS	NS		
12/13/1979	288	580	16	404	NS	NS		
12/20/1979	310	590	16	416	NS	NS		
12/26/1979	280	560	12	396	NS	NS		
1/3/1980	304	560	16	412	NS	NS		
1/10/1980	304	580	15.5	380	NS	NS		
1/17/1980	302	520	15.5	408	NS	NS		

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹				Lab parameter ²	
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
11	381652085420301 (<i>continued</i>)	1/24/1980	296	540	15	392	NS	NS
		2/1/1980	296	520	15.5	NS	NS	NS
		2/8/1980	296	550	15	NS	NS	NS
		2/14/1980	296	560	14.9	NS	NS	NS
		2/21/1980	294	550	14.8	NS	NS	NS
		2/29/1980	NS	321	14.7	NS	NS	NS
		3/6/1980	NS	540	14.5	NS	NS	NS
		3/7/1980	NS	NS	NS	NS	NS	NS
		3/14/1980	NS	530	14.4	NS	NS	NS
		3/21/1980	NS	510	14.2	NS	NS	NS
		3/28/1980	NS	470	14.1	NS	NS	NS
		4/3/1980	NS	460	14	NS	NS	NS
		4/11/1980	NS	500	14	NS	NS	NS
		4/18/1980	NS	480	13.9	NS	NS	NS
		4/25/1980	NS	490	13.7	NS	NS	NS
		4/30/1980	NS	NS	NS	NS	NS	NS
		5/1/1980	NS	550	13.7	NS	NS	NS
		5/9/1980	NS	550	13.4	NS	NS	NS
		5/16/1980	NS	520	13.3	NS	NS	NS
		5/23/1980	NS	560	13.3	NS	NS	NS
		5/30/1980	NS	510	13.3	NS	NS	NS
		6/6/1980	NS	570	13.3	NS	NS	NS
		6/13/1980	NS	510	13.2	NS	NS	NS
		6/20/1980	NS	505	13.2	NS	NS	NS
		6/27/1980	NS	510	13.2	NS	NS	NS
		7/3/1980	NS	500	13.2	NS	NS	NS
		7/11/1980	NS	490	13.4	NS	NS	NS
		7/18/1980	NS	505	13.5	NS	NS	NS
		7/25/1980	NS	510	13.7	NS	NS	NS

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Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
11	381652085420301 (<i>continued</i>)	8/1/1980	NS	520	13.7	NS	NS	NS
		8/8/1980	NS	500	13.8	NS	NS	NS
		8/15/1980	NS	490	14.1	NS	NS	NS
		8/22/1980	NS	450	14.2	NS	NS	NS
		8/28/1980	NS	480	14.4	NS	NS	NS
		9/5/1980	NS	560	14.6	NS	NS	NS
		9/12/1980	NS	550	14.7	NS	NS	NS
		9/19/1980	NS	550	15	NS	NS	NS
		9/26/1980	NS	560	15.1	NS	NS	NS
12	381652085420302	8/15/1979	400	690	20	566	NS	NS
		8/16/1979	468	700	16	580	NS	NS
		8/17/1979	476	810	15	588	NS	NS
		8/20/1979	496	850	16	590	NS	NS
		8/23/1979	482	900	17	536	NS	NS
		8/29/1979	426	700	16	504	NS	NS
		9/7/1979	362	600	16	372	NS	NS
		9/17/1979	424	730	NS	384	NS	NS
		9/18/1979	426	750	15	524	NS	NS
		9/20/1979	NS	NS	NS	552	NS	NS
		9/25/1979	406	720	16	456	NS	39
		10/12/1979	384	725	15.4	552	NS	NS
		10/26/1979	400	700	14.8	652	NS	NS
		11/3/1979	408	720	15.3	NS	NS	NS
		11/8/1979	414	900	14.8	652	NS	NS
		11/14/1979	NS	NS	NS	640	NS	NS
		11/18/1979	438	850	14.7	NS	NS	NS
		11/24/1979	430	700	14.8	592	NS	NS
		11/30/1979	453	850	16	468	NS	NS
		12/6/1979	418	710	15.5	492	NS	NS
12/13/1979	450	790	15	608	NS	NS		
12/20/1979	421	775	15.5	476	NS	NS		
12/26/1979	384	690	10.5	472	NS	NS		

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; µS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹				Lab parameter ²	
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (µS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
12	381652085420302 (continued)	1/3/1980	306	520	15	368	NS	NS
		1/10/1980	328	530	15	332	NS	NS
		1/17/1980	430	690	15.5	528	NS	NS
		1/24/1980	444	750	15	548	NS	NS
		2/1/1980	456	700	15	NS	NS	NS
		2/8/1980	430	700	15	NS	NS	NS
		2/14/1980	444	760	14.8	NS	NS	NS
		2/21/1980	420	710	14.9	NS	NS	NS
		2/29/1980	NS	650	14.8	NS	NS	NS
		3/6/1980	NS	720	14.8	NS	NS	NS
		3/14/1980	NS	680	14.9	NS	NS	NS
		3/21/1980	NS	760	14.8	NS	NS	NS
		3/28/1980	NS	780	14.8	NS	NS	NS
		4/3/1980	NS	790	14.7	NS	NS	NS
		4/11/1980	NS	800	14.8	NS	NS	NS
		4/18/1980	NS	750	14.8	NS	NS	NS
		4/25/1980	NS	680	14.9	NS	NS	NS
		5/1/1980	NS	860	14.7	NS	NS	NS
		5/9/1980	NS	780	14	NS	NS	NS
		5/16/1980	NS	820	14.7	NS	NS	NS
		5/23/1980	NS	850	14.5	NS	NS	NS
		5/30/1980	NS	870	15	NS	NS	NS
		6/6/1980	NS	840	14.3	NS	NS	NS
		6/13/1980	NS	900	14.9	NS	NS	NS
		6/20/1980	NS	980	14.7	NS	NS	NS
		6/27/1980	NS	1,020	14.7	NS	NS	NS
7/3/1980	NS	1,010	14.9	NS	NS	NS		
7/11/1980	NS	1,020	14.6	NS	NS	NS		
7/18/1980	NS	960	14.9	NS	NS	NS		
7/25/1980	NS	1,050	14.7	NS	NS	NS		

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Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
12	381652085420302 (continued)	8/1/1980	NS	960	14.8	NS	NS	NS
		8/8/1980	NS	1,150	14.6	NS	NS	NS
		8/15/1980	NS	1,005	14.8	NS	NS	NS
		8/22/1980	NS	800	14.7	NS	NS	NS
		8/28/1980	NS	1,000	15	NS	NS	NS
		9/5/1980	NS	1,180	14.8	NS	NS	NS
		9/12/1980	NS	1,060	15	NS	NS	NS
		9/19/1980	NS	1,050	15	NS	NS	NS
		9/26/1980	NS	1,010	15	NS	NS	NS
13	381653085420301	8/15/1979	360	725	15	400	NS	NS
		8/16/1979	355	725	16	520	NS	NS
		8/17/1979	344	700	15	NS	NS	NS
		8/20/1979	324	670	16	470	NS	NS
		8/23/1979	320	770	16	496	NS	NS
		8/29/1979	326	630	16	468	NS	NS
		9/7/1979	332	610	15	456	NS	NS
		9/17/1979	200	500	NS	416	NS	NS
		9/18/1979	202	500	16	304	NS	NS
		9/20/1979	NS	NS	NS	300	NS	NS
		9/21/1979	NS	NS	NS	NS	NS	NS
		9/25/1979	192	500	18	312	NS	6
		9/28/1979	NS	NS	NS	NS	NS	NS
		10/5/1979	NS	NS	NS	NS	NS	NS
		10/12/1979	138	400	21.9	216	NS	NS
		10/12/1979	NS	NS	21.1	220	7.1	NS
		10/19/1979	NS	NS	NS	NS	NS	NS
10/26/1979	130	295	22.4	NS	NS	NS		

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹				Lab parameter ²	
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
13	381653085420301 (<i>continued</i>)	11/3/1979	118	309	22.3	NS	NS	NS
		11/8/1979	108	280	21.8	248	NS	NS
		11/14/1979	NS	NS	NS	236	NS	NS
		11/18/1979	126	315	19.7	NS	NS	NS
		11/24/1979	106	350	20.6	212	NS	NS
		11/30/1979	123	NS	19.5	168	NS	NS
		12/6/1979	100	290	19	172	NS	NS
		12/13/1979	109	310	18.5	164	NS	NS
		12/20/1979	100	295	17	204	NS	NS
		12/26/1979	102	300	17	212	NS	NS
		1/3/1980	74	235	15	148	NS	NS
		1/10/1980	120	281	16	204	NS	NS
		1/17/1980	96	280	15	168	NS	NS
		1/24/1980	94	249	14	180	NS	NS
		2/1/1980	94	230	13.5	NS	NS	NS
		2/8/1980	94	230	13	NS	NS	NS
		2/14/1980	92	228	11.6	NS	NS	NS
		2/21/1980	92	228	11.1	NS	NS	NS
		2/29/1980	NS	218	10.2	NS	NS	NS
		3/6/1980	NS	225	9.6	NS	NS	NS
		3/7/1980	NS	NS	NS	NS	NS	NS
		3/14/1980	NS	235	9.2	NS	NS	NS
		3/21/1980	NS	235	8.9	NS	NS	NS
		3/28/1980	NS	218	8.7	NS	NS	NS
		4/3/1980	NS	200	7.2	NS	NS	NS
		4/11/1980	NS	250	6.7	NS	NS	NS
		4/18/1980	NS	NS	10.2	NS	NS	NS
		4/25/1980	NS	NS	NS	NS	NS	NS
		4/30/1980	NS	NS	NS	NS	NS	NS

Table 3. Field and lab parameters for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L as CaCO₃, milligrams per liter as calcium carbonate; μS/cm, microsiemens per centimeter; °C, degrees Celsius; NTU, nephelometric turbidity units; NS, not sampled]

Map number on figure 4	Site identification number	Date	Field parameters ¹					Lab parameter ²
			Alkalinity (mg/L as CaCO ₃)	Specific conductance (μS/cm)	Temperature (°C)	Hardness, total (mg/L as CaCO ₃)	pH (standard units)	Turbidity (NTU)
13	381653085420301 (<i>continued</i>)	5/1/1980	NS	240	7.9	NS	NS	NS
		5/9/1980	NS	230	5.6	NS	NS	NS
		5/16/1980	NS	230	6.3	NS	NS	NS
		5/23/1980	NS	250	7.5	NS	NS	NS
		5/30/1980	NS	240	5.8	NS	NS	NS
		6/6/1980	NS	250	6.5	NS	NS	NS
		6/13/1980	NS	230	7.3	NS	NS	NS
		6/20/1980	NS	250	8.2	NS	NS	NS
		6/27/1980	NS	270	8.9	NS	NS	NS
		7/3/1980	NS	270	9.6	NS	NS	NS
		7/11/1980	NS	300	11	NS	NS	NS
		7/18/1980	NS	240	12.4	NS	NS	NS
		7/25/1980	NS	315	12.1	NS	NS	NS
		8/1/1980	NS	320	15.1	NS	NS	NS
		8/8/1980	NS	300	16.4	NS	NS	NS
		8/15/1980	NS	320	17.5	NS	NS	NS
		8/22/1980	NS	320	18.5	NS	NS	NS
		8/28/1980	NS	350	18.4	NS	NS	NS
		9/5/1980	NS	390	19.5	NS	NS	NS
		9/12/1980	NS	380	20.8	NS	NS	NS
9/19/1980	NS	380	21	NS	NS	NS		
9/26/1980	NS	390	22	NS	NS	NS		

¹The field parameter values in this table were obtained from U.S. Geological Survey files.

²The lab parameter values in this table were obtained from Louisville Water Company files.

Table 4. Concentrations of trace elements for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.

[mg/L, milligrams per liter; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Aluminum (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Molybdenum (mg/L)	Strontium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
1	381555085425701	4/6/1976	NS	NS	NS	1	NS	0.09	NS	NS	NS	NS
2	381604085430501	4/2/1946	NS	NS	NS	1,300	NS	NS	NS	NS	NS	NS
		7/10/1979	NS	NS	NS	1,500	NS	30	NS	NS	NS	NS
4	381611085425201	8/24/1944	NS	NS	NS	3,800	NS	NS	NS	NS	NS	NS
		5/17/1945	NS	NS	NS	2,500	NS	NS	NS	NS	NS	NS
		4/11/1946	NS	NS	NS	1,500	NS	NS	NS	NS	NS	NS
		8/21/1946	NS	NS	NS	3,300	NS	NS	NS	NS	NS	NS
		9/26/1947	NS	NS	NS	2,200	NS	NS	NS	NS	NS	NS
		10/5/1948	NS	NS	NS	2,300	NS	NS	NS	NS	NS	NS
		8/30/1949	NS	NS	NS	2,600	NS	NS	NS	NS	NS	NS
		8/15/1950	NS	NS	NS	3,200	NS	NS	NS	NS	NS	NS
		9/4/1951	NS	NS	NS	3,000	NS	NS	NS	NS	NS	NS
		8/15/1952	NS	NS	NS	880	NS	NS	NS	NS	NS	NS
5	381613085421901	12/18/1952	NS	NS	NS	440	NS	NS	NS	NS	NS	NS
		8/15/1968	NS	NS	NS	880	NS	NS	NS	NS	NS	NS
6	381622085423401	6/8/1946	NS	NS	NS	100	NS	NS	NS	NS	NS	NS
7	381622085423401	5/4/1946	NS	NS	NS	270	NS	NS	NS	NS	NS	NS
8	381638085415801	7/10/1979	NS	NS	NS	2,900	NS	290	NS	NS	NS	NS
12	381648085421201	4/30/1946	NS	NS	NS	180	NS	NS	NS	NS	NS	NS
13	381652085420302	9/12/1980	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9/19/1980	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9/26/1980	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
13	381653085420301	10/12/1979	30	130	10	420	10	1,000	10	90	6	50

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Table 5. Concentrations of major ions for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.

[mg/L, milligrams per liter; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Calcium (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Silica (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
1	381555085425701	4/6/1976	360	158	NS	130	NS	NS	110	NS
2	381604085430501	4/2/1946 7/10/1979	NS 210	16 14	NS 0.1	NS 47	NS 7.3	NS 16	NS 610	NS NS
4	381611085425201	4/11/1944 8/24/1944 5/17/1945 4/11/1946 8/21/1946 9/26/1947 10/5/1948 8/30/1949 8/15/1950 9/4/1951 8/15/1952 12/18/1952 8/15/1968	NS NS NS NS NS NS NS NS NS NS NS 134 NS	26 18 19 26 24 20 25 18 20 26 7.5 12 7.5	NS NS NS NS NS NS NS NS NS .1 .1 .1 .1	NS NS NS NS NS NS NS NS NS NS NS 27 NS	NS NS NS NS NS NS NS NS NS NS NS 1.1 NS	NS NS NS NS NS NS NS NS NS NS NS 16 NS	NS NS NS NS NS NS NS NS NS NS NS 11 NS	NS NS NS NS NS NS NS NS NS NS NS NS NS
5	381613085421901	6/8/1946	NS	12	NS	NS	NS	NS	NS	NS
6	381622085423401	5/4/1946	NS	4	NS	NS	NS	NS	NS	NS
7	381638085415801	7/10/1979	160	44	.1	24	.8	16	5.9	NS
8	381648085421201	4/30/1946	NS	15	NS	NS	NS	NS	NS	NS
9	381651085420301	8/20/1979 8/23/1979 8/29/1979 9/7/1979 9/17/1979 9/18/1979 9/25/1979 10/12/1979 11/8/1979 11/14/1979 11/24/1979 11/30/1979 12/6/1979 12/13/1979 12/20/1979 12/26/1979 1/3/1980 1/10/1980	188.8 144 208 139.2 100 148.8 93 145.6 139.2 128 132.8 126.4 75.2 131.2 121.6 126.4 136 120	NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS	.15 .1 .12 .14 .17 .13 .13 .14 .11 .15 .11 .13 .12 .14 .11 .13 .11 .14	32 38 11 25 NS 35 56 32 34 36 28 31 62 41 28 23 22 21	NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS NS	255 153 250 150 215 170 200 74 190 NS 100 100 70 130 150 175 190 180

Table 5. Concentrations of major ions for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Calcium (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Silica (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
9	381651085420301 (continued)	1/17/1980	118.4	20	0.14	34	NS	NS	NS	70
		1/24/1980	126.4	28	.18	25	NS	NS	NS	130
10	381652085420201	8/16/1979	125	NS	.12	24	NS	NS	NS	198
		8/17/1979	131	NS	.14	20.5	NS	NS	NS	230
		8/23/1979	142.4	NS	.1	27	NS	NS	NS	249
		8/29/1979	158	NS	.23	33	NS	NS	NS	290
		9/7/1979	150.4	NS	.11	27	NS	NS	NS	260
		9/17/1979	100.8	NS	.15	NS	NS	NS	NS	230
		9/18/1979	147.2	NS	.11	41	NS	NS	NS	210
		9/25/1979	96	NS	.11	62	NS	NS	NS	270
		10/12/1979	147.2	NS	.17	32	NS	NS	NS	122
		10/26/1979	NS	NS	NS	NS	NS	NS	NS	180
		11/8/1979	156.8	40	.11	16	NS	NS	NS	180
		11/14/1979	156.8	NS	.16	24	NS	NS	NS	NS
		11/24/1979	129.6	30	.11	28	NS	NS	NS	290
		11/30/1979	131.2	30	.1	23	NS	NS	NS	140
		12/6/1979	68.8	26	.12	114.2	NS	NS	NS	120
		12/13/1979	136	26	.14	21	NS	NS	NS	140
		12/20/1979	118.4	24	.11	24	NS	NS	NS	200
		12/26/1979	118.4	22	.12	25	NS	NS	NS	175
		1/3/1980	126.4	18	.11	23	NS	NS	NS	210
		1/10/1980	124.8	20	.11	19	NS	NS	NS	195
1/17/1980	116.8	26	.14	30	NS	NS	NS	140		
1/24/1980	115.2	40	.2	30	NS	NS	NS	165		
11	381652085420301	8/15/1979	170	NS	.115	40	NS	NS	NS	204
		8/16/1979	167	NS	.15	29	NS	NS	NS	212
		8/20/1979	171.2	NS	.12	25.5	NS	NS	NS	235
		8/23/1979	156.8	NS	.11	29	NS	NS	NS	225
		8/29/1979	198	NS	.2	10.5	NS	NS	NS	225
		9/7/1979	168	NS	.12	3	NS	NS	NS	190
		9/17/1979	136	NS	.18	33	NS	NS	NS	238
		9/18/1979	147.2	NS	.12	25	NS	NS	NS	170
		9/20/1979	135	NS	.18	31	NS	NS	NS	170
		9/21/1979	138	NS	NS	NS	NS	NS	NS	NS
		9/25/1979	NS	NS	.15	32	NS	NS	NS	225
		10/12/1979	148.8	NS	.17	24	NS	NS	NS	75
		10/26/1979	NS	NS	NS	NS	NS	NS	NS	180
		11/8/1979	161.6	30	.11	14	NS	NS	NS	180
		11/14/1979	158.4	NS	.18	14	NS	NS	NS	NS
		11/24/1979	153.6	30	.12	11	NS	NS	NS	160
		11/30/1979	131.2	30	.11	25	NS	NS	NS	160
		12/6/1979	141.6	28	.11	84.7	NS	NS	NS	140
		12/13/1979	145.6	30	.11	10	NS	NS	NS	120
		12/20/1979	124.8	37	.13	26	NS	NS	NS	180

Table 5. Concentrations of major ions for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Calcium (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Silica (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
11	381652085420301 <i>(continued)</i>	12/26/1979	126.4	30	0.17	20	NS	NS	NS	180
		1/3/1980	131.2	32	.2	21	NS	NS	NS	155
		1/10/1980	129.6	28	.16	14	NS	NS	NS	200
		1/17/1980	148.8	34	.16	9	NS	NS	NS	140
		1/24/1980	121.6	32	.11	22	NS	NS	NS	140
12	381652085420302	8/15/1979	150	NS	.65	48	NS	NS	NS	239
		8/16/1979	221	NS	.14	24	NS	NS	NS	225
		8/17/1979	227	NS	.13	7	NS	NS	NS	262
		8/20/1979	184	NS	.11	32.5	NS	NS	NS	240
		8/23/1979	185.6	NS	NS	18	NS	NS	NS	60
		8/29/1979	185	NS	.19	11	NS	NS	NS	190
		9/7/1979	139	NS	NS	6	NS	NS	NS	220
		9/17/1979	116.8	NS	.12	23	NS	NS	NS	90
		9/18/1979	174.4	NS	NS	22	NS	NS	NS	170
		9/20/1979	178.4	NS	.20	26.5	NS	NS	NS	240
		9/25/1979	133	NS	.21	26	NS	NS	NS	230
		10/12/1979	195.2	NS	.15	16	NS	NS	NS	150
		10/26/1979	205	NS	0	35	NS	NS	NS	270
		11/8/1979	204.8	34	NS	35	NS	NS	NS	270
		11/14/1979	227.2	NS	.15	18	NS	NS	NS	NS
		11/24/1979	235.2	46	NS	1	NS	NS	NS	270
		11/30/1979	176	38	NS	7	NS	NS	NS	120
		12/6/1979	86.4	36	NS	69	NS	NS	NS	100
		12/13/1979	228.8	32	NS	9	NS	NS	NS	210
		12/20/1979	144	48	NS	29	NS	NS	NS	270
12/26/1979	147.2	28	NS	26	NS	NS	NS	220		
1/3/1980	83.2	40	NS	40	NS	NS	NS	190		
1/10/1980	81.6	38	NS	32	NS	NS	NS	190		
1/17/1980	176	40	NS	22	NS	NS	NS	160		
1/24/1980	172.8	20	NS	29	NS	NS	NS	170		
13	381653085420301	8/15/1979	132.8	NS	.1	17	NS	NS	NS	160
		8/16/1979	78	NS	.76	32	NS	NS	NS	185
		8/20/1979	136	NS	.16	32.5	NS	NS	NS	225
		8/23/1979	137.6	NS	.13	38	NS	NS	NS	259
		8/29/1979	163	NS	.18	17	NS	NS	NS	185
		9/7/1979	132.8	NS	.14	31	NS	NS	NS	180
		9/17/1979	107	NS	.2	50	NS	NS	NS	186
		9/18/1979	96	NS	.16	16	NS	NS	NS	238
		9/20/1979	102.4	NS	.13	49.2	NS	NS	NS	90
		9/21/1979	NS	NS	NS	NS	NS	NS	NS	NS
		9/25/1979	66	NS	.12	37	NS	NS	NS	210
		10/12/1979	64	NS	.29	14	NS	NS	NS	75
		10/12/1979	67	19	.3	13	NS	17	13	NS
		10/26/1979	NS	NS	NS	NS	NS	NS	NS	130

Table 5. Concentrations of major ions for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Calcium (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Silica (mg/L)	Sodium (mg/L)	Sulfate (mg/L)
13	381653085420301 (continued)	11/8/1979	59.9	20	0.18	25	NS	NS	NS	130
		11/14/1979	94.4	NS	.28	0	NS	NS	NS	NS
		11/24/1979	65.6	22	.13	12	NS	NS	NS	100
		11/30/1979	52.8	22	.16	9	NS	NS	NS	50
		12/6/1979	41.6	18	.16	17	NS	NS	NS	50
		12/13/1979	56	24	.16	6	NS	NS	NS	130
		12/20/1979	51.2	26	.16	23	NS	NS	NS	150
		12/26/1979	51.2	18	.27	21	NS	NS	NS	145
		1/3/1980	49.6	20	.13	6	NS	NS	NS	120
		1/10/1980	60.8	22	.21	13	NS	NS	NS	145
		1/17/1980	49.6	24	.23	11	NS	NS	NS	90
		1/24/1980	49.6	18	.14	14	NS	NS	NS	125

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
1	381555085425701	4/6/1976	NS	NS	NS	51	NS	NS
2	381604085430501	7/10/1979	NS	0.01	NS	NS	NS	NS
4	381611085425201	12/18/1952	NS	NS	NS	NS	15	NS
7	381638085415801	7/10/1979	NS	NS	NS	NS	44	NS
9	381651085420301	8/20/1979	10.2	NS	NS	NS	NS	NS
		8/23/1979	0	NS	NS	NS	NS	NS
		8/29/1979	0	NS	NS	NS	NS	NS
		9/7/1979	0	NS	NS	NS	NS	NS
		9/17/1979	0	NS	NS	NS	NS	NS
		9/18/1979	0	NS	NS	NS	NS	NS
		9/20/1979	0	NS	NS	NS	NS	NS
		9/25/1979	5.1	NS	NS	NS	NS	NS
		10/5/1979	NS	NS	NS	NS	NS	NS
		10/12/1979	0	NS	NS	NS	NS	NS
		10/26/1979	1.1	NS	NS	NS	NS	NS
		11/3/1979	NS	NS	NS	NS	NS	NS
		11/8/1979	1.1	NS	NS	NS	NS	NS
		11/24/1979	.3	NS	NS	NS	NS	NS
		11/30/1979	1	NS	NS	NS	NS	NS
		12/6/1979	2.3	NS	NS	NS	NS	NS
		12/13/1979	.1	NS	NS	NS	NS	NS
		12/20/1979	.1	NS	NS	NS	NS	NS
		12/26/1979	0	NS	NS	NS	NS	NS
		1/3/1980	4.1	NS	NS	NS	NS	NS
		1/10/1980	2	NS	NS	NS	NS	NS
		1/17/1980	2.1	NS	NS	NS	NS	NS
		1/24/1980	.9	NS	NS	NS	NS	NS
		3/21/1980	NS	NS	0.9	NS	NS	NS
		3/28/1980	NS	NS	.8	NS	NS	NS
		4/3/1980	NS	NS	1.2	NS	NS	NS
		4/11/1980	NS	NS	.9	NS	NS	NS
		4/18/1980	NS	NS	1.1	NS	NS	NS
		4/25/1980	NS	NS	1.2	NS	NS	NS
		4/30/1980	NS	NS	NS	NS	NS	NS

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
9	381651085420301 (continued)	5/1/1980	NS	NS	0.5	NS	NS	NS
		5/9/1980	NS	NS	.7	NS	NS	NS
		5/16/1980	NS	NS	1.1	NS	NS	NS
		5/23/1980	NS	NS	3.8	NS	NS	NS
		5/30/1980	NS	NS	4.7	NS	NS	NS
		6/6/1980	NS	NS	.9	NS	NS	NS
		6/13/1980	NS	NS	.7	NS	NS	NS
		6/20/1980	NS	NS	13	NS	NS	NS
		6/27/1980	NS	NS	.6	NS	NS	NS
		7/3/1980	NS	NS	1.1	NS	NS	NS
		7/11/1980	NS	NS	1.1	NS	NS	NS
		8/8/1980	NS	NS	.6	NS	NS	NS
		8/15/1980	NS	NS	1.2	NS	NS	NS
		8/22/1980	NS	NS	.8	NS	NS	NS
		8/28/1980	NS	NS	.9	NS	NS	NS
		9/5/1980	NS	NS	1.1	NS	NS	NS
9/12/1980	NS	NS	1.1	NS	NS	NS		
10	381652085420201	8/16/1979	1	NS	NS	NS	NS	NS
		8/17/1979	4.6	NS	NS	NS	NS	NS
		8/23/1979	0	NS	NS	NS	NS	NS
		8/29/1979	.5	NS	NS	NS	NS	NS
		9/7/1979	2.25	NS	NS	NS	NS	NS
		9/17/1979	0	NS	NS	NS	NS	NS
		9/18/1979	0	NS	NS	NS	NS	NS
		9/20/1979	0	NS	NS	NS	NS	NS
		9/25/1979	0	NS	NS	NS	NS	NS
		10/12/1979	0	NS	NS	NS	NS	NS
		10/19/1979	NS	NS	NS	NS	NS	NS
		10/26/1979	.3	NS	NS	NS	NS	NS
		11/3/1979	NS	NS	NS	NS	NS	NS
		11/8/1979	.3	NS	NS	NS	NS	NS
		11/24/1979	1.5	NS	NS	NS	NS	NS
		11/30/1979	0	NS	NS	NS	NS	NS
		12/6/1979	1.6	NS	NS	NS	NS	NS
		12/13/1979	.9	NS	NS	NS	NS	NS
		12/20/1979	.5	NS	NS	NS	NS	NS
		12/26/1979	0	NS	NS	NS	NS	NS
1/3/1980	1.3	NS	NS	NS	NS	NS		
1/10/1980	0	NS	NS	NS	NS	NS		
1/17/1980	.5	NS	NS	NS	NS	NS		
1/24/1980	0	NS	NS	NS	NS	NS		

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
10	381652085420201 (continued)	3/21/1980	NS	NS	0.9	NS	NS	NS
		3/28/1980	NS	NS	.7	NS	NS	NS
		4/3/1980	NS	NS	2.3	NS	NS	NS
		4/11/1980	NS	NS	1.2	NS	NS	NS
		4/18/1980	NS	NS	2.6	NS	NS	NS
		4/25/1980	NS	NS	1	NS	NS	NS
		5/1/1980	NS	NS	.8	NS	NS	NS
		5/9/1980	NS	NS	.8	NS	NS	NS
		5/16/1980	NS	NS	1.5	NS	NS	NS
		5/23/1980	NS	NS	1	NS	NS	NS
		5/30/1980	NS	NS	3.2	NS	NS	NS
		6/6/1980	NS	NS	.9	NS	NS	NS
		6/13/1980	NS	NS	.7	NS	NS	NS
		6/20/1980	NS	NS	.6	NS	NS	NS
		6/27/1980	NS	NS	.6	NS	NS	NS
		7/3/1980	NS	NS	.6	NS	NS	NS
		7/11/1980	NS	NS	1	NS	NS	NS
		8/8/1980	NS	NS	1.4	NS	NS	NS
		8/15/1980	NS	NS	.5	NS	NS	NS
		8/22/1980	NS	NS	.9	NS	NS	NS
8/28/1980	NS	NS	.7	NS	NS	NS		
9/5/1980	NS	NS	1.4	NS	NS	NS		
9/12/1980	NS	NS	.8	NS	NS	NS		
11	381652085420301	8/15/1979	0	NS	NS	NS	NS	NS
		8/16/1979	0	NS	NS	NS	NS	NS
		8/17/1979	NS	NS	NS	NS	NS	59
		8/20/1979	8.4	NS	NS	NS	NS	NS
		8/23/1979	.1	NS	NS	NS	NS	61.3
		8/29/1979	0	NS	NS	NS	NS	NS
		9/7/1979	.05	NS	NS	NS	NS	51
		9/17/1979	0	NS	NS	NS	NS	NS
		9/18/1979	2.2	NS	NS	NS	NS	NS
		9/20/1979	0	NS	NS	NS	NS	NS
		9/21/1979	NS	NS	NS	NS	NS	56.7
		9/25/1979	2.9	NS	NS	NS	NS	NS
		9/28/1979	NS	NS	NS	NS	NS	85.4
		10/5/1979	NS	NS	NS	NS	NS	61.6
		10/12/1979	1.9	NS	NS	NS	NS	74.2
		10/19/1979	NS	NS	NS	NS	NS	55.3
10/26/1979	0	NS	NS	NS	NS	61.8		

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
11	381652085420301 (<i>continued</i>)	11/8/1979	0	NS	NS	NS	NS	NS
		11/24/1979	.2	NS	NS	NS	NS	NS
		11/30/1979	0	NS	NS	NS	NS	NS
		12/6/1979	.8	NS	NS	NS	NS	NS
		12/13/1979	.3	NS	NS	NS	NS	NS
		12/20/1979	.1	NS	NS	NS	NS	NS
		12/26/1979	.2	NS	NS	NS	NS	NS
		1/3/1980	2.5	NS	NS	NS	NS	NS
		1/10/1980	4.9	NS	NS	NS	NS	NS
		1/17/1980	0	NS	NS	NS	NS	NS
		1/24/1980	0	NS	NS	NS	NS	NS
		2/8/1980	NS	NS	NS	3,163	NS	NS
		2/14/1980	NS	NS	NS	3,641	NS	NS
		2/21/1980	NS	NS	NS	4,985	NS	NS
		2/29/1980	NS	NS	NS	3,350	NS	NS
		3/6/1980	NS	NS	NS	3,618	NS	NS
		3/7/1980	NS	NS	NS	NS	NS	70
		3/14/1980	NS	NS	NS	2,643	NS	NS
		3/21/1980	NS	NS	1.3	2,853	NS	60
		3/28/1980	NS	NS	1.4	2,753	NS	101
		4/3/1980	NS	NS	2	NS	NS	NS
		4/11/1980	NS	NS	1.9	2,291	NS	32
		4/18/1980	NS	NS	2.2	2,254	NS	NS
		4/25/1980	NS	NS	1.4	NS	NS	NS
		4/30/1980	NS	NS	NS	1,786	NS	NS
		5/1/1980	NS	NS	1.5	1,686	NS	150
		5/9/1980	NS	NS	1.3	2,280	NS	NS
		5/16/1980	NS	NS	1.3	2,122	NS	NS
		5/23/1980	NS	NS	3	NS	NS	NS
		5/30/1980	NS	NS	6.7	2,142	NS	NS
		6/6/1980	NS	NS	1.8	NS	NS	NS
		6/13/1980	NS	NS	1.3	NS	NS	NS
		6/20/1980	NS	NS	2.7	NS	NS	NS
		6/27/1980	NS	NS	1.2	NS	NS	NS
		7/3/1980	NS	NS	.9	NS	NS	NS
		7/11/1980	NS	NS	1.3	NS	NS	NS
		8/8/1980	NS	NS	2.4	NS	NS	NS
		8/15/1980	NS	NS	.1	NS	NS	NS
		8/22/1980	NS	NS	1.7	NS	NS	NS
		8/28/1980	NS	NS	1.6	NS	NS	NS
		9/5/1980	NS	NS	1.9	NS	NS	NS
		9/12/1980	NS	NS	1.7	NS	NS	NS

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
12	381652085420302	8/15/1979	0	NS	NS	NS	NS	NS
		8/16/1979	.35	NS	NS	NS	NS	NS
		8/17/1979	.2	NS	NS	NS	NS	NS
		8/20/1979	0	NS	NS	NS	NS	NS
		8/23/1979	0	NS	NS	NS	NS	NS
		8/29/1979	0	NS	NS	NS	NS	NS
		9/7/1979	0	NS	NS	NS	NS	NS
		9/17/1979	0	NS	NS	NS	NS	NS
		9/18/1979	6.0	NS	NS	NS	NS	NS
		9/20/1979	0	NS	NS	NS	NS	NS
		9/25/1979	0	NS	NS	NS	NS	NS
		10/12/1979	0.8	NS	NS	NS	NS	NS
		10/26/1979	0	NS	NS	NS	NS	NS
		11/8/1979	0	NS	NS	NS	NS	NS
		11/24/1979	0	NS	NS	NS	NS	NS
		11/30/1979	0	NS	NS	NS	NS	NS
		12/6/1979	1.6	NS	NS	NS	NS	NS
		12/13/1979	0	NS	NS	NS	NS	NS
		12/20/1979	0	NS	NS	NS	NS	NS
		12/26/1979	0	NS	NS	NS	NS	NS
		1/3/1980	0	NS	NS	NS	NS	NS
		1/10/1980	0	NS	NS	NS	NS	NS
		1/17/1980	0	NS	NS	NS	NS	NS
		1/24/1980	0	NS	NS	NS	NS	NS
		3/21/1980	NS	NS	1.7	NS	NS	NS
		3/28/1980	NS	NS	1.8	NS	NS	NS
		4/3/1980	NS	NS	1.9	NS	NS	NS
		4/11/1980	NS	NS	2.1	NS	NS	NS
		4/25/1980	NS	NS	1.9	NS	NS	NS
		5/1/1980	NS	NS	1.9	NS	NS	NS
		5/9/1980	NS	NS	2.5	NS	NS	NS
		5/16/1980	NS	NS	2.2	NS	NS	NS
		5/23/1980	NS	NS	2.2	NS	NS	NS
		5/30/1980	NS	NS	2.2	NS	NS	NS
		6/6/1980	NS	NS	1.6	NS	NS	NS
		6/13/1980	NS	NS	2.2	NS	NS	NS
		6/20/1980	NS	NS	2.9	NS	NS	NS
		6/27/1980	NS	NS	1.4	NS	NS	NS
		7/3/1980	NS	NS	1.8	NS	NS	NS
		7/11/1980	NS	NS	2.1	NS	NS	NS
		8/8/1980	NS	NS	2.7	NS	NS	NS
		8/15/1980	NS	NS	.8	NS	NS	NS
		8/22/1980	NS	NS	2.2	NS	NS	NS
		8/28/1980	NS	NS	2.7	NS	NS	NS

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
12	381652085420302 (<i>continued</i>)	9/5/1980	NS	NS	2.7	NS	NS	NS
		9/12/1980	NS	NS	2.5	NS	NS	NS
13	381653085420301	8/15/1979	0.08	NS	NS	NS	NS	NS
		8/16/1979	0	NS	NS	NS	NS	NS
		8/20/1979	0	NS	NS	NS	NS	NS
		8/23/1979	.3	NS	NS	NS	NS	NS
		8/29/1979	.2	NS	NS	NS	NS	NS
		9/7/1979	.06	NS	NS	NS	NS	NS
		9/17/1979	3.6	NS	NS	NS	NS	NS
		9/18/1979	0	NS	NS	NS	NS	NS
		9/20/1979	0	NS	NS	NS	NS	NS
		9/21/1979	NS	NS	NS	NS	NS	67.7
		9/25/1979	0	NS	NS	NS	NS	NS
		9/28/1979	NS	NS	NS	NS	NS	63.6
		10/5/1979	NS	NS	NS	NS	NS	68.7
		10/12/1979	0	NS	NS	NS	NS	65.4
		10/12/1979	NS	NS	NS	NS	25	NS
		10/19/1979	NS	NS	NS	NS	NS	68.1
		10/26/1979	0	NS	NS	NS	NS	62.9
		11/8/1979	0	NS	NS	NS	NS	NS
		11/24/1979	0	NS	NS	NS	NS	NS
		11/30/1979	0	NS	NS	NS	NS	NS
		12/6/1979	.7	NS	NS	NS	NS	NS
		12/13/1979	.2	NS	NS	NS	NS	NS
		12/20/1979	0	NS	NS	NS	NS	NS
		12/26/1979	.2	NS	NS	NS	NS	NS
		1/3/1980	1	NS	NS	NS	NS	NS
		1/10/1980	0	NS	NS	NS	NS	NS
		1/17/1980	.5	NS	NS	NS	NS	NS
		1/24/1980	.4	NS	NS	NS	NS	NS
		2/8/1980	NS	NS	NS	NS	2,768	NS
		2/14/1980	NS	NS	NS	NS	2,890	NS
2/21/1980	NS	NS	NS	NS	2,545	NS		
2/29/1980	NS	NS	NS	NS	2,903	NS		
3/6/1980	NS	NS	NS	NS	2,998	NS		
3/7/1980	NS	NS	NS	NS	NS	43		
3/14/1980	NS	NS	NS	NS	2,191	NS		
3/21/1980	NS	NS	NS	1.5	2,155	NS		
3/28/1980	NS	NS	NS	1.4	2,563	NS		
4/3/1980	NS	NS	NS	1.5	NS	NS		
4/11/1980	NS	NS	NS	NS	1,408	NS		
4/18/1980	NS	NS	NS	2.5	1,741	NS		

Table 6. Concentrations of nutrients and other constituents for selected wells sampled in the northeast portion of the alluvial aquifer at Louisville, Kentucky.—*Continued*

[mg/L, milligrams per liter; THM, trihalomethane; NS, not sampled; the values contained in this table were obtained from the Louisville Water Company files]

Map number on figure 4	Site identification number	Date	Nutrients		Other constituents			
			Nitrate (mg/L)	Phosphorous (mg/L)	Carbon, organic, dissolved (mg/L)	Carbon, organic, total (mg/L)	Carbon dioxide (mg/L)	THM formation potential (mg/L)
13	381653085420301 (<i>continued</i>)	5/1/1980	NS	NS	1.6	1,473	NS	159
		5/9/1980	NS	NS	1.3	2,039	NS	NS
		5/16/1980	NS	NS	1.8	1,602	NS	NS
		5/23/1980	NS	NS	3.7	NS	NS	NS
		5/30/1980	NS	NS	3	1,546	NS	NS
		6/6/1980	NS	NS	1.5	NS	NS	NS
		6/13/1980	NS	NS	1.2	NS	NS	NS
		6/20/1980	NS	NS	1.1	NS	NS	NS
		6/27/1980	NS	NS	1.1	NS	NS	NS
		7/3/1980	NS	NS	.8	NS	NS	NS
		7/11/1980	NS	NS	1.9	NS	NS	NS
		8/8/1980	NS	NS	3.3	NS	NS	NS
		8/22/1980	NS	NS	1.7	NS	NS	NS
		8/28/1980	NS	NS	1.7	NS	NS	NS
		9/5/1980	NS	NS	2.3	NS	NS	NS
		9/12/1980	NS	NS	1.7	NS	NS	NS

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