

EPA ID#: 0874 System Name: Kingbrook III Rural Water System

Sampler- Mr Jon Ekern Work Phone-(605)983-5074
 Title- Plant Manager
 Address- PO Box 299 302 E Ash
 Arlington SD 57212

Location- City: Chester County: Lake
 Service Area- Other residential areas
 PWS Owner Type- Private Ownership
 Water Supply Type- Groundwater Supply

Population Served- 2,738 Service Connections- 1,095

Sources for Kingbrook III Rural Water System

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	#1	1979	72	16	Emergency	Groundwater	Vulnerable	Treatment At Plant
02	#2	1979	72	16	Emergency	Groundwater	Vulnerable	Treatment At Plant
03	CHESTER PLANT				Permanent	Treatment Plant	Non-Vulnerable	Aeration Disinfection - Gas Chlorine Filtration - Green Sand Corrosion Control - Phosphates Sedimentation Fluoridation - H2SiF6
04	#3	1993	72	12		Groundwater	Non-Vulnerable	Treatment At Plant
11	NEW #3	2002	65	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
12	#4	2003	67	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
15	#5	2006	75	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant
16	#6	2006	65	12	Permanent	Groundwater	Non-Vulnerable	Treatment At Plant

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Common Ion Data

(All chemical data are reported in milligrams per liter (mg/l) except pH and Langlier Index)

Please refer to Private Well Data for more information about these test results.

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
01	Raw	02/25/86	572	870	7.50	261	0	19	7.7	98.9	48.9	1.97	0.55	12.8	234	318	0	448	+0.15	0.1	0.32
01	Raw	02/07/94	666	880	8.08	265	0	18	7.0	109.0	55.6	2.45	0.51	20.0	241	323	0	501	+1.06	0.3	0.24
01	Raw	03/01/96	658	880	7.73	277	0	17	7.8	111.5	55.7	1.82	0.56	16.0	257	338	0	508	+0.64	0.7	0.25
03	Raw	04/29/99	0	0	0.00	0	0	0	0.0	0.0	0.0	1.26	0.73	0.0	0	0	0	525	0.00	0.0	0.00
01	Raw	08/14/01	671	988	7.26	272	0	18	6.8	104.7	51.5	1.32	0.77	11.0	256	332	0	473	+0.13	0.2	0.24
03	Raw	06/22/05	835	1100	7.38	284	0	24	10.3	140.0	54.5	2.25	1.04	11.0	363	346	0	574	-0.03	0.2	0.27
03	Raw	09/02/10	1032	1350	7.28	278	0	27	6.7	174.0	80.9	1.32	1.38	14.0	493	339	0	767	+0.33	2.5	0.32
Averages			633	867	6.46	234	0	18	6.6	105.4	49.6	1.77	0.79	12.1	263	285	0	542		0.6	0.23

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO3	CO3	Hardness	Langlier	NO3	F
01	Treated	02/25/86	574	880	7.20	251	0	19	8.0	100.0	47.6	0.02	0.04	12.2	235	306	0	446	-0.07	0.1	1.09
01	Treated	03/01/96	0	0	0.00	0	0	0	0.0	0.0	0.0	0.20	0.15	0.0	0	0	0	0	0.00	0.0	0.00
03	Treated	04/29/99	688	945	7.46	256	0	17	8.0	108.0	51.9	0.02	0.02	14.8	239	312	0	483	+0.31	0.9	1.17
03	Treated	08/14/01	752	1070	7.25	259	0	21	6.3	116.0	53.8	0.10	0.03	18.0	258	316	0	511	+0.13	0.1	1.28
03	Treated	06/22/05	768	1040	7.30	263	0	21	8.8	127.0	53.4	0.11	0.02	19.0	319	321	0	537	+0.22	0.1	1.19
03	Treated	09/02/10	1024	1360	7.23	267	0	27	7.3	170.0	79.0	0.03	0.06	15.0	498	326	0	750	+0.25	2.5	1.02
03	Treated	04/30/14	822	1140	7.42	267	0	27	7.4	140.0	66.8	0.00	0.03	16.0	365	326	0	624	+0.38	1.2	1.20
03	Treated	10/12/16	682	978	8.29	255	0	23	7.3	119.0	54.0	0.00	0.00	17.0	283	311	0	519	+1.19	0.5	0.55
Averages			664	927	6.52	227	0	19	6.6	110.0	50.8	0.06	0.04	14.0	275	277	0	484		0.7	0.94