

**Table 4 CCNPP Unit 3 Observation Wells Hydraulic Conductivities from Slug Tests  
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Well ID	Surficial Aquifer	Kh	Kh	Kh
		(ft/sec)	(cm/sec)	(ft/day)
OW-319A	SA	2.89E-06	8.81E-05	2.50E-01
OW-323	SA	6.24E-05	1.90E-03	5.39E+00
OW-423	SA	6.86E-05	2.09E-03	5.93E+00
OW-428	SA	1.19E-05	3.63E-04	1.03E+00
OW-436	SA	2.80E-06	8.53E-05	2.42E-01
OW-743	SA	6.23E-07	1.90E-05	5.38E-02
OW-752A	SA	7.03E-05	2.14E-03	6.07E+00
OW-756	SA	2.01E-04	6.13E-03	1.74E+01
OW-759A	SA	4.64E-07	1.41E-05	4.01E-02
OW-765A	SA	1.00E-05	3.05E-04	8.64E-01
	<b>max</b>	<b>2.01E-04</b>	<b>6.13E-03</b>	<b>1.74E+01</b>
	<b>min</b>	<b>4.64E-07</b>	<b>1.41E-05</b>	<b>4.01E-02</b>
	<b>mean</b>	<b>4.31E-05</b>	<b>1.31E-03</b>	<b>3.72E+00</b>
	<b>geo mean</b>	<b>1.05E-05</b>	<b>3.21E-04</b>	<b>9.10E-01</b>

Well ID	Upper Chesapeake Unit	Kh	Kh	Kh
		(ft/sec)	(cm/sec)	(ft/day)
OW-301	CU	1.58E-04	4.82E-03	1.37E+01
OW-313A	CU	7.50E-06	2.29E-04	6.48E-01
OW-319B	CU	3.42E-05	1.04E-03	2.95E+00
OW-328	CU	3.79E-06	1.16E-04	3.27E-01
OW-336	CU	2.10E-05	6.40E-04	1.81E+00
OW-401	CU	6.77E-06	2.06E-04	5.85E-01
OW-413B	CU	2.78E-06	8.47E-05	2.40E-01
OW-418A	CU	4.41E-06	1.34E-04	3.81E-01
OW-703A	CU	1.34E-05	4.08E-04	1.16E+00
OW-705	CU	4.99E-06	1.52E-04	4.31E-01
OW-708A	CU	2.56E-05	7.80E-04	2.21E+00
OW-711	CU	6.04E-06	1.84E-04	5.22E-01
OW-725	CU	7.54E-06	2.30E-04	6.51E-01
OW-735	CU	5.48E-05	1.67E-03	4.73E+00
OW-752B	CU	3.35E-06	1.02E-04	2.89E-01
OW-754	CU	5.29E-06	1.61E-04	4.57E-01
OW-759B	CU	1.77E-06	5.39E-05	1.53E-01
OW-765B	CU	1.36E-06	4.15E-05	1.18E-01
OW-768A	CU	5.29E-06	1.61E-04	4.57E-01
OW-769	CU	1.74E-05	5.30E-04	1.50E+00
	<b>max</b>	<b>1.58E-04</b>	<b>4.82E-03</b>	<b>1.37E+01</b>
	<b>min</b>	<b>1.36E-06</b>	<b>4.15E-05</b>	<b>1.18E-01</b>
	<b>mean</b>	<b>1.93E-05</b>	<b>5.87E-04</b>	<b>1.66E+00</b>
	<b>geo mean</b>	<b>8.56E-06</b>	<b>2.61E-04</b>	<b>7.40E-01</b>

Well ID	Lower Chesapeake Unit	Kh	Kh	Kh
		(ft/sec)	(cm/sec)	(ft/day)
OW-313B	CL	2.74E-07	8.35E-06	2.37E-02
OW-418B	CL	2.16E-07	6.58E-06	1.87E-02
OW-703B	CL	1.08E-06	3.29E-05	9.33E-02
	<b>max</b>	<b>1.08E-06</b>	<b>3.29E-05</b>	<b>9.33E-02</b>
	<b>min</b>	<b>2.16E-07</b>	<b>6.58E-06</b>	<b>1.87E-02</b>
	<b>mean</b>	<b>5.23E-07</b>	<b>1.60E-05</b>	<b>4.52E-02</b>
	<b>geo mean</b>	<b>4.00E-07</b>	<b>1.22E-05</b>	<b>3.45E-02</b>

Note: Slug test results for 7 Surficial Aquifer wells (OW-413A, OW-714, OW-718, OW-729, OW-766, and OW-770) are not included because of invalid test conditions, questionable data, or the well was screened in a discontinuous sand unit.