

Table 2. Hydraulic head survey measurements made in the Waterford area circa April-May 2006.

Hydraulic Head Measurement Date	Well ID	Easting	Northing	Name	Address	Reported Yield (gpm)	Well Depth (feet)	Ground Surface Elevation (feet > MSL)	Depth to Water (feet)	Hydraulic Head (feet > MSL)	Comment
5/4/2006	WWIN-1998-0132	11734823	7116576	Paschall, Philip D & Elizabeth Cox	40203 Main Street	<1	680	394	329	65	
5/4/2006	WWIN-1981-0171	11734637	7116774	Gravatt, Claude C. Jr., and Ann Tees	15493 Second Street	NA	NA	375	12	364	
5/4/2006	WWIN-1993-0267	11734785	7116529	Bednarik, David J & Peggy L T/C	15512 Second Street	7	600	389	162	227	
5/4/2006	WWIN-1992-0159	11734926	7116539	Carter, Christopher Ashton	40200 Church Street	2	440	404	152	252	
5/4/2006	WWIN-1986-0338	11735038	7116515	Soechtig, Steven A & Barbara M R/S	40215 Main Street	<1	600	419	246	174	
5/4/2006	NA	11734809	7116933	Biby, Richard F & Jennifer R/S	40187 Main Street	NA	NA	437	233	204	Not in County GIS
5/4/2006	WWIN-1979-0163?	11734873	7116871	Ferguson, Sarah A	40191 Main Street	1	710	400	144	256	Not in County GIS
5/4/2006	WWIN-2001-0393	11735263	7116687	Rose, Paul & Adene R/S	40216 Main Street	1	1000	415	106	309	
5/4/2006	WWIN-1996-0110	11735237	7116779	Charlton, Anne Bentley	40210 Main Street	1	680	403	159	244	
5/4/2006	WWIN-1979-0160	11735046	7116726	Caskie, Brian & Kathryn R/S	40200 Main Street	3	300	431	89	342	
5/4/2006	WWIN-1981-0174	11734630	7117407	Benschoter, Ronald JR & G Jessee JT	40154 Main Street	4	240	511	90	421	
5/4/2006	WWIN-1986-0334	11734621	7117446	Keybank National Association	40152 Main Street	12	325	412	62	350	
5/4/2006	WWIN-1996-0267	11734441	7117619	Magennis, Cathleen A	40138 Main Street	3	500	382	237	145	
5/4/2006	WWIN-1991-0155	11735133	7117577	Waterford Foundation	pasture E. of Main St	1	500	405	69	336	
5/4/2006	WWIN-1982-0125	11734838	7117180	Middleton Waterford LLC	40174 Main Street	35	160	420	75	345	
5/4/2006	WWIN-1987-0361	11734244	7115978	Ratcliffe, Nicholas M & Katherine W	15575 Second Street	3	320	377	36	341	
5/4/2006	WWDU-1962-0072	11734344	7115968	Ratcliffe, Nicholas M & Katherine W	15575 Second Street	NA	NA	383	7	376	
5/4/2006	WWIN-1999-0179	11734595	7115953	Lloveras, Lang Elizabeth	15570 Second Street	0	680	406	284	122	
5/4/2006	WWIN-1973-0307	11734571	7116026	Lloveras, Lang Elizabeth	15570 Second Street	1	600	403	425	-22	
5/4/2006	WWIN-1983-0115	11734102	7116299	Morton, W B III & Margaret T R/S	15555 Second Street	4	365	367	18	349	
5/4/2006	WWIN-1957-0069	11734364	7116069	Good, C Edward & Margaret R/S	15567 Second Street	NA	NA	383	25	358	
5/4/2006	WWIN-1986-0340	11734539	7115874	Lehmann, Edward & Edeth Crockett JT	15580 Second Street	1	500	403	76	328	No pump
5/4/2006	WWIN-1986-0341	11734548	7115895	Lehmann, Edward & Edeth Crockett JT	15580 Second Street	2	550	403	249	154	
5/4/2006	WWIN-1974-0153	11734556	7116181	Hunley, William Henry & CarolynC	15552 Second Street	NA	NA	393	244	149	
5/4/2006	WWIN-1986-0339	11734909	7116317	Rose, Paul & Adene R/S	40186 Patrick Street	4	560	413	262	151	

Table 2. Hydraulic head survey measurements made in the Waterford area circa April-May 2006.

Hydraulic Head Measurement Date	Well ID	Easting	Northing	Name	Address	Reported Yield (gpm)	Well Depth (feet)	Ground Surface Elevation (feet > MSL)	Depth to Water (feet)	Hydraulic Head (feet > MSL)	Comment
5/4/2006	WWIN-1988-0528	11734897	7116406	Stup, James Michael & Paige Cox R/S	15520 Second Street	NA	NA	407	227	180	
5/4/2006	NA	11734675	7116451	James, Nicholas L & Randall J James	40170 Patrick Street	NA	NA	385	22	363	Dug Well
5/4/2006	WWNC-1965-0080	11736620	7116969	Waterford Elementary School Well	15513 Loyalty Road	15	150	462	26	436	
5/19/2006	WWIN-89-0336	11738569	7117437	Sutton, Erica	Brown Street	25	365	525	60	465	
5/19/2006	WWIN-1980-150	11734778	7115629	Loudoun Mutual Insurance (outside)	15609 High Street	1	705	425	177	248	Pump well.
5/19/2006	NA	11734774	7115737	Loudoun Mutual Insurance (basement)	15609 High Street	NA	~100?	417	28	389	6" drilled well in basement, not in use. Reportedly drilled in 1949 to about 100 feet.
5/19/2006	WWIN-1990-0404	11734481	7115311	Laura Lee Shaw	40143 Janney Street	4	600	400	116	284	
5/19/2006	WWIN-1962-0083	11734645	7115209	Gibson, Joseph & Elizabeth R/S	15655 High Street	NA	NA	410	25	385	Well in vault
5/19/2006	by WWIN-1956-0076	11734311	7115527	Jackson, Robert & Judy R/S	15620 Second Street	1	620	390	107	283	Yield and depth per owner
5/19/2006	WWIN-1964-0097	11734385	7115624	Thompson, Robert C & Marsha A Tees	15606 Second Street	NA	230	390	41	350	Depth per owner; says high yield
5/19/2006	WWCO-1989-0329	11736630	7114850	Virginia Friend	Fairfax Street	1.5	500	400	12	388	aka HF-7
5/19/2006	WWCO-1989-0330	11737428	7114921	Virginia Friend	Fairfax Street	NA	NA	410	14	396	no cap
5/19/2006	WWCO-1989-0325	11736180	7114817	Virginia Friend	Fairfax Street	605	7.68	391	3	388	aka HF-4
4/7/2006	WWIN-1996-0110	11735237	7116779	Anne B. Charlton	40210 Main Street	1	680	403	>150	<253	Thick electric cable, DTW>150'.
4/7/2006	WWIN-1981-0198	11735329	7116425	Waterford Foundation	Old School Site	NA	350	441	38	403	
4/7/2006	WWIN-1998-0115	11736734	7117015	Waterford Foundation	Loyalty Road	5	620	471	26	445	No pump in well
4/7/2006	WWIN-1995-0229	11736696	7116623	Mary Hutton	15498 Loyalty Road	50	285	463	25	438	
4/7/2006	WWIN-1988-0529	11736615	7116390	Martha Baine	15510 Loyalty Road	NA	NA	447	8	439	Obstruction ~60'
4/10/2006	WWIN-1964-0094	11735791	7116795	Matthew and Valerie Custer	40266 Water Street	NA	NA	441	~10	431	Obstruction ~45'
4/10/2006	WWSP-1964-0093	11735622	7116681	Matthew and Valerie Custer	40266 Water Street	NA	NA	423	5	418	Flowing spring in vault
4/10/2006	WWIN-1988-0524	11735471	7116560	Greg Stuessi and Mary Ann Naber	15525 Butchers Row	2	445	431	28	403	
4/11/2006	WWIN-1998-0117	11735943	7117413	Jeff and Kathryn Nesbit	15443 Loyalty Road			453	28	425	
4/11/2006	WWIN-1998-0116	11736834	7117337	Jeff and Kathryn Nesbit	15443 Loyalty Road	20	460	478	29	449	No pump in well
5/2004	WWTS-1997-0210	11735557	7116083	Friend - County monitoring well	Fairfax Street			440	18	422	

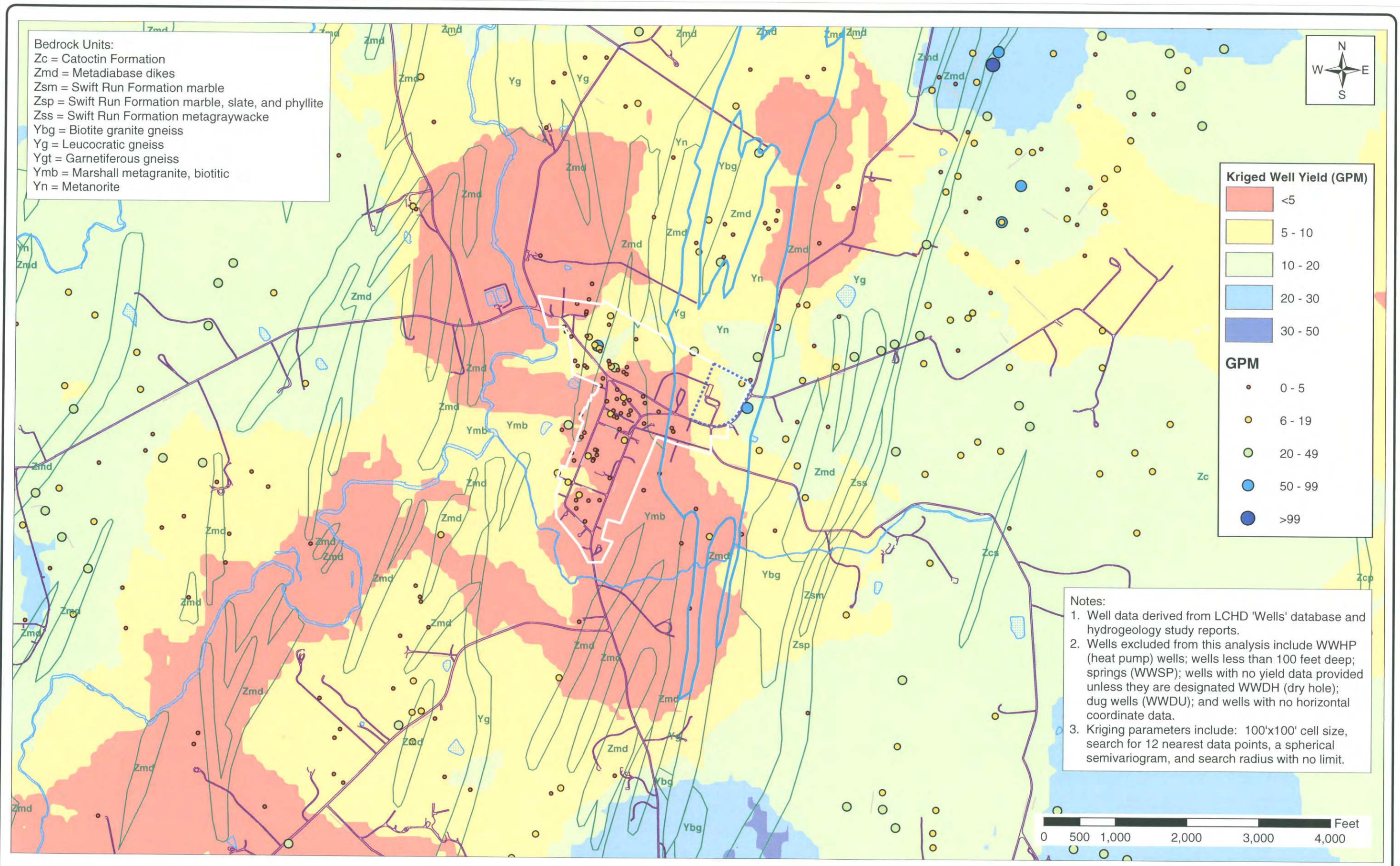


Figure 4. Reported well yields identified by symbol, kriged well yield data (map color), and bedrock geology in the Waterford area. Note that reported well yield depends on well depth, reporting accuracy, and other factors. Village of Waterford is outlined by white line; Waterford Elementary School parcel is outlined by dashed blue line.