

Appendix: Inventory of Wells and Hydrogeologic Unit Boundaries Used in the Study

Table A1. Inventory of all wells used in this study.

SFWMD STATION NAME—South Florida Water Management District station name; primary identifier used in the study and in DBHYDRO database

COUNTY—Abbreviations are BRE, Brevard; BRO, Broward; CHA, Charlotte; CIT, Citrus; COL, Collier; DAD, Miami-Dade; DES, DeSoto; GLA, Glades; HAR, Hardee; HEN, Hendry; HIG, Highlands; HIL, Hillsborough; IND, Indian River; LAK, Lake; LEE, Lee; MAN, Manatee; MAR, Martin; MON, Monroe; OKE, Okeechobee; ORA, Orange; OSC, Osceola; PAL, Palm Beach; PAS, Pasco; PIN, Pinellas; POL, Polk; SAR, Sarasota; SEM, Seminole; STL, St. Lucie; SUM, Sumter; VOL, Volusia

WELL TYPE—Abbreviations are TST, State water-management district or Federal hydrogeologic test well; ASR, aquifer storage and recovery system well; INJ, deep wastewater injection system well; OIL, oil industry well; NI, purpose of well not identified

LANDMSL—Altitude of land surface in feet above NGVD of 1929, normally the measurement point for all depths in a well; used in DBHYDRO database

DEPTH_TOTAL—Total depth of well, in feet below measurement point

LATITUDE and LONGITUDE—Horizontal coordinates of well with reference to North American Datum of 1983; Format is ddmms.s, which is degrees, minutes, and seconds

XCOORD and YCOORD—State planar horizontal coordinates of well, in feet, with reference to North American Datum of 1983

USGS LOCAL NAME—U.S. Geological Survey local well name used in the Ground Water Site Inventory (GWSI) database

USGS SITE ID—U.S. Geological Survey 15-digit site identification number used in the Ground Water Site Inventory (GWSI) database

FGS NUMBER—Florida Geological Survey well number

SFWMD NAME—Southwest Florida Water Management District well name

SJRWMD NAME—St. Johns River Water Management District well name

BOG NUMBER—Permit number used by the Oil and Gas Section of the Florida Geological Survey

OTHER NAME OR IDENTIFIER—Can include site name or owner

Table A1. Inventory of all wells used in this study.

[Well locations are shown in figs. 1 and A1. Wells are grouped by county and listed alpha-numerically.

Explanatory material for this spreadsheet is provided on appendix tables A1 and A2 explanatory sheets]

SFWMD station name	County	Well Type	Landmsl	Total depth	Latitude	Longitude	X coordinate	Y coordinate	USGS local name	USGS site identifier	FGS number	SFWMD name	SJRWMD name	BOG number	Other name or identifier
BR0015	BRE	NI	13.26	434	275306	803017	816068.554	1291218.13							
BR0149	BRE	NI	5	382	282325	804145	753909.202	1474619.224							
BR0437	BRE	NI	5	439	275520	802937	819566.385	1304684.43							
BR0446	BRE	NI	5	366	282921	804058	757994.163	1510624.929							
BR0471	BRE	NI	7.27	436	281255	803603	784664.066	1411081.873							
BR0472	BRE	NI	7	195	281501	803625	782890.467	1423800.714							
BR0474	BRE	NI	5.91	442	281542	803627	782354.39	1428162.595							
BR0475	BRE	NI	5	248	281653	804028	761089.74	1435007.512							
BR0476	BRE	NI	5	278	281744	804027	761075.035	1440461.172							
BR0485	BRE	NI	30	285	280827	804014	762193.462	1384109.867							
BR0492	BRE	NI	18.95	202	281908	804241	749148.195	1448793.167							
BR0500	BRE	NI	21	240	282130	804504	736249.48	1462944.071							
BR0530	BRE	NI	25	494	281303	804018	761795.508	1412104.008							
BR0587	BRE	NI	5	204	283944	804633	728002.754	1573458.886							
BR0617	BRE	NI	5	450	283219	804052	758588.293	1528806.09							
BR0854	BRE	NI	20	309	280921	803844	770234.369	1389586.073							
BR-0910	BRE	NI	19	1204	280901.05	804358.198	742259	1387439	280858080435501			BR0910		BR-0910	
BR0920	BRE	NI	20	344	275133	804407	741790.715	1281535.251							
BR1153	BRE	NI	5	181	282034	804121	756203.934	1457536.651							
BR1164	BRE	NI	20	314	280534	805050	705495.803	1366546.19							
BR1172	BRE	NI	20	482	280434	804952	710662.996	1360372.426							
BR1202	BRE	NI	25	487	275125	803730	777335.243	1280900.902							
BR1217	BRE	INJ	5	2694	282526	804216	751163.805	1486933.745					BR1217		
BR1224	BRE	NI	30	300	275927	803851	770086.074	1329596.658							
BR1293	BRE	NI	25	442	275354	803736	776643.631	1295804.754							
BR1296	BRE	NI	20	363	280200	804326	745202.129	1344802.235							
BR1301	BRE	NI	19	301	280230	804445	738098.253	1348058.873							
BR1480	BRE	NI	5	386	280856	803626	782809.491	1387079.729							
W-909	BRE	NI	25	221	281737.03	804329.2	744736.79	1439555.112			W-909		BR1152		
W-13881	BRE	NI	20	322	280811.05	805051.21	705295.925	1382326.163			W-13881		BR1322		
W-15890	BRE	NI	10	2900	280227.06	803259.19	801395.807	1347823.838			W-15890		BR1214		
W-16133	BRE	INJ	17	3010	280131.06	803602.19	785016.457	1342111.521			W-16133		BR1303		IW-1, Pt. Malabar
W-16226	BRE	INJ	6	2700	282534.01	804221.19	750698.466	1487741.808			W-16226		BR0444		IW-1, Merrit Island
BCN-H1	BRO	INJ	14.35	3512	261539.3	800927.167	932262.638	701421.94	BCN-H1	261538080092801					IW-1, Broward County North District Regional
BF-1	BRO	TST	9.38	2280	261023	801044	925617.304	696564.23	G-2938	261023080104401	W-17013				C-13 Canal at Oakland Park, SFWMD test
CS-I1	BRO	INJ	13	3500	261439.0	801550.0	897445	695121	CS-I1	261438080154801	W-16051				IW-1, Coral Springs
CS-I2	BRO	INJ	13	3500	261446.302	801547.176	897697.466	695589.819	CS-I2	261445080154801					IW-2, Coral Springs, CSIDIW2
D-365	BRO	INJ	14.7	1150	260611.313	800749.162	941569.232	644131.584	D-365	261548080060201	W-5144				IW-1, Broward Utilities Collier Manor
FTL-I3	BRO	INJ	6.38	4010	260544.322	800751.165	941404.726	641405.045	FTL-I3	260543080075201					IW-3, Ft. Lauderdale
FTL-M1	BRO	INJ	6.1	2705	260544.315	800754.068	941140.043	641402.613	FTL-M1	260543080075602					MW-1, Ft. Lauderdale, G-2331
G-2296	BRO	TST	15.5	2811	261017.046	804919.375	714531.246	668029.482	G-2619	261016080492604	W-16940				Alligator Alley test, FLABRO2
G-2887	BRO	ASR	13.17	1128	261858.293	800725.164	943233.652	721588.181	G-2887	261857080072601	W-17088				Deerfield Beach West WTP ASR-1, IW-1
G-2889	BRO	ASR	16.6	1200	261736.296	800624.163	948841.815	713346.815	G-2889	261735080062501					Broward County WTP 2A, ASR-1
G-2914	BRO	ASR	10	1270	261034	801539	898571	670421	G-2914	261004080153801					Springtree WTP ASR-1
G-2916	BRO	ASR	17	1200	261736.296	800624.163	948841.815	713346.815	G-2916	261735080062502					Broward County WTP 2A ASR MW-1
G-2917	BRO	ASR	3	1300	261031.311	800914.167	933649.07	670332.132	G-2917	261030080091501					Fiveash WTP ASR-1
HAL-RO1	BRO	NI	15	1040	255919.336	800921.167	933450.815	602480.114	HAL-RO1	255918080092201					Hallandale RO-1
HOL-IW1	BRO	INJ	6.3	3500	260139.58	800756.911	941045.229	616690.502	G-2961	260140080075701					IW-1, Hollywood Southern Regional
HOL-RO1	BRO	NI	13	1320	260048.333	801041.169	926094.065	611419.277	HOL-RO1	260047080104201					Hollywood RO-1
MAR-I2	BRO	INJ	12.6	3204	261428.303	801302.172	912732.054	694130.554	MAR-I2	261427080130301	W-15565				IW-2, Margate
MIRAMARIW1	BRO	INJ	3.35	3520	255933.825	801955.621	875549.45	603608.275	G-2963	255932080195601					IW-1, Miramar WWTP
MIRAMAR_RO	BRO	INJ	3	3510	255801.328	801859.183	880748	594296	G-2944	255800080190001					IW-1, Miramar RO WTP
PBP-I1	BRO	INJ	10	3600	255937.335	801956.181	875496.541	603962.385	PBP-I1	255936080195701					IW-1, Pembroke Pines WWTP
PLT-I1	BRO	INJ	9.75	3472	260829.316	801411.173	906662.386	657846.859	PLT-I1	260828080141201	W-16050				IW-1, Miramar Plantation WWTP
PLT-RO11	BRO	INJ	8.52	3340	260740.317	801607.176	896118.717	652383.901	PLT-RO11	260739080160801					IW-1, Plantation Central WTP RO reject well
S-567	BRO	OIL	6	3010	260615.321	800853.166	935731.672	644497.598	S-567	260614080085401					Port Everglades oil test
SUN-I3	BRO	INJ	7.9	3350	260744.113	802015.206	873511	653101	SUN-I3	260748080201601					IW-3, Sunrise WWTP
SUN-MZL	BRO	INJ	7.5	1650	260748.118	802014.19	873675.969	653638.45	SUN-M1	260748080201602					MW-1, Sunrise WWTP
CH-313	CHA	INJ	26	2710	264730.23	815739.31	341510.424	894659.075	CH-313	264729081575301	W-16889-2				IW-1, Zemel Road Landfill, ZRL-11
CH-316	CHA	ASR	18	998	265825	815607	351542.782	960706.644	CH-316	265825081560701					Shell Creek WTP ASR-2
CH-318	CHA	ASR	6	700	265416.215	821603.344	243044.593	936526.381	CH-318	265415082160401	W-16913	ROMP5			Englewood South Regional WWTP TPW-1 (ASR-1)
CH-R5	CHA	TST	39.84	1776	265641.22	814828.3	392977.764	949940.229		265643081483301					CH-R5
PUNTA_EW-1	CHA	INJ	22	3350	265611.582	815704.963	346197	947273							
ROMP 10_G	CHA	TST	20	917	270153.207	820027.3	328159.076	981913.266	ROMP 10 FLRD WELL NR POR	270152082002801	W-12684	ROMP10			CH-665
W-8079	CHA	OIL	38	11180	265027.23	813733.29	452068.68	911840.306		265536081485001	W-8079			P-373	FLACHA2, Mobil Oil
W-10862	CHA	OIL	40	13236	265537	814849	391035.103	943489.366			W-10862			P-475	FLACHA4
W-15343	CHA	NI	27	2500	270042.21	815552.31	352974.316	974552.377			W-15343				FLCHT10, U.S. Gypsum Hudson no. 1
W-15366	CIT	NI	80	400	284207	822038	225395	1590451							

S-3001	DAD	NI	9.7	2000	252059.42	802024.182	874109.387	369933.793	S-3001	252058080202501	W-11571					Florida Power & Light research test well
W-215	DAD	OIL	10	5428	254001.378	801805.179	886255.715	485288.118	S-161	254011080180701	W-215					
W-935	DAD	OIL	17	11806	254834.359	805221.227	698090.594	536489.503	S-479	254820080522301	W-935				P-129	FLADA-3
FLADE-3	DES	NI	88	1408	271418.171	813514.28	473095.957	1056237.92								FLADE-3
FLADE-4	DES	NI	44	1004	270357.197	813348.276	472814.581	993532.404								FLADE-4
ROMP12	DES	TST	41	2162	270228	814432.6	414514.228	984827.335		270225081443303	W-16578	ROMP12				
ROMP35	DES	TST	64	990	271706.17	820220.312	318702.2	1074192.7				ROMP35				
W-11766	DES	OIL	60	13000	270346.195	813929.283	465034.625	992457.126			W-11766				P-609	FLADE-2
W-12393	DES	OIL	96	11660	271956	813913	443964.362	1090494.896			W-12393				P-679.1	FLADE-1
W-17392	DES	TST	60	2090	270418.19	813656.28	455829.186	995732.389			W-30026	ROMP13				Tippen Bay
W-18116	DES	TST	40	1814	270341.2	815301.3	368567.935	992516.038			W-18116	ROMP16.5				
GL-5C	GLA	NI	40.85	1390	265802.59	811855.468	553433.737	957444.26			W-16944					GM-50
GLF-0001	GLA	NI	15.53	826	270849.174	805523.215	681169.203	1022612.484	38S34E28 GL 250 PEARCE	270848080552401						
GLF-0005	GLA	NI	31	1624	265455.211	811509.244	573863.967	938477.979	LYKES 12 INCHER	265454081151001						GL00014
GLF-6	GLA	TST	16.21	2023	265018.722	810507.402	628323	910488	GL-331		W-18253					Moore Haven S-77 ASR test
W-2396	GLA	NI	25	1215	270912.182	805728.234	669875.152	1024930.344			W-2396					
W-2912	GLA	OIL	25	13408	264725.23	805931.237	658773.039	892960.436	GL-240	264727080593701	W-2912				P-152	GM-78
W-5435	GLA	NI	13.82	1025	264728.23	805814.235	665750.642	893264.364			W-5435					GM-79
W-15880	GLA	OIL	30	9238	270314.195	811131.254	593672.596	988827.763			W-15880				P-1193	GM-41, Lykes Bros. Inc. #26-2
ROMP-25	HAR	TST	84.28	1911	272159.676	820025.404	329309.488	1103748.461			W-17608	ROMP25				
W-9062	HAR	NI	77.72	720	272831.14	815609.31	352697.367	1143101.781			W-9062					
W-9089	HAR	NI	83.41	770	273529.13	814719.3	400705.197	1184981.483			W-9089					
W-13514	HAR	TST	78	1155	272712.14	815500.3	358853.671	1135077.647			W-13514	ROMP31				
W-14121	HAR	NI	122	1020	273556.13	814947.3	387406.649	1187795.231			W-14121					
W-15346	HAR	NI	122	394	273830.12	815154.3	376088.94	1203425.459			W-15346					
W-15648	HAR	TST	75	1266	272748.14	814802.3	396535.495	1138452.723			W-15648	ROMP30				
EXBRY-1	HEN	ASR	25.1	1390	264113	812926	495991.04	855684.21	HE-1141							Caloosahatchee River/Berry Grove Exploratory ASR
HE-281	HEN	NI	29	1049	263400.26	810738.248	614560.431	811703.608	HE-281	263359081073901	W-1995					HM-771
HE-948	HEN	OIL	48.5	11586	263213.264	813137.282	483859.047	801233.858	HE-948		W-10767				P-442	
HE-970	HEN	OIL	45.1	15998	263329.261	811017.252	600119.641	808590.546	HE-970	263328081101801	W-12696				P-768	HM-684
HE-973	HEN	OIL	40	8494	262309.283	811426.258	577392.458	772929.624	HE-973	262308081142701	HE-973				P-171	
HE-976	HEN	OIL	38.5	12490	261933.291	810319.242	638038.97	724152.382	HE-976	261932081032001	W-10747				P-418	
HE-981	HEN	OIL	32	1322	262737.274	811513.259	573171.654	773095.826	HE-981	262736081151401						CC-197
HE-982	HEN	OIL	30	1086	262846.271	811155.254	591176.696	780030.631	HE-982	262845081115601						CC-178
HE-983	HEN	OIL	31	987	263228.263	810855.25	607558.347	802422.434	HE-983	263227081085601						ALICO-18
HE-984	HEN	OIL	29	955	263529.256	810703.247	617746.547	822896.407	HE-984	263528081070401						ALICO-16
HE-986	HEN	OIL	23	872	263752.251	810313.242	638631.229	835110.408	HE-986	263751081031401						MILLS-1
HE-987	HEN	NI	15	916	264004.246	805658.233	672655.415	848437.409	HE-987	264003080565901						U.S.SUGAR-2
HE-1101	HEN	OIL	13.9	11633	261639.298	805427.23	686455.587	70592.205	HE-1101	261638080542801	W-13795				P-903	HM-734
HE-1102	HEN	OIL	28.4	12224	263803.251	812036.266	543986.564	836368.05	HE-1102	263802081203701	W-7201				P-1048	
HE-1103	HEN	OIL	30	12312	263115.266	811151.254	591563.303	795073.643	HE-1103	263114081115201					P-1050	
HE-1105	HEN	OIL	30.03	11452	263547.256	812946.279	494023.939	822800.456	HE-1105	263546081294701	W-15259				P-1089	HM-596
HE-1106	HEN	OIL	32.55	11545	263240.263	813249.283	477331.502	803987.339	HE-1106	263239081325001	W-15688				P-1147	HM-610
L2-TW	HEN	TST	17.84	1810	263628.235	805657.389	672740.653	822627.019	HE-1087	263630080565801	W-17093					L2 Canal SFWMD test well, HM-709
LAB-TW	HEN	TST	21.41	2500	264511.442	812817.716	502273.564	879736.844	HE-1133	264510081281401	W-17591					Labelle test well, SFWMD, HM-776
W-2631	HEN	OIL	39.6	11796	262309.28	811204.26	590305.279	746007.683	HE-282	262328081114701					P-133	HM-711
W-3441	HEN	OIL	47.9	4121	263525.26	812629.28	511898.756	820514.127	HE-941	263525081262101	W-3441				P-207	HM-586
W-7473	HEN	OIL	32.2	11190	263249.262	812523.273	517838.23	804742.78	HE-953	263224081252401	W-7473				P-346	
W-15371	HEN	OIL	30	11672	262659.275	811254.255	585797.587	769236.207	HE-1104	262737081124901	W-15371				P-1085	HM-690
ARIPEKA820	HER	NI	7	820	282700.01	823910.376	124989.872	149962.471								
HUNTERS378	HER	NI	26	378	282614.011	823816.374	129747.885	1495249.845								
W-7766	HER	NI	8	140	283438	823656	137692	1546179								
W-14673	HER	TST	30	419	282614	823447	148539	1495093			W-14673	ROMP97				
W-14873	HER	TST	20	603.5	283250	823515	146530	1535132								
W-18055	HER	NI	11	800	282745	823802	131215	1504524			W-18055					
FLAHI-1	HIG	OIL	104	12985	270731.186	812359.271	526128.73	1014936.694	38S29E34 HUMBLE	270752081240901	W-966				P-1	FLAHI-1
HI00014	HIG	NI	47.83	1325	272155.15	810844.24	608903.08	1101998.327			W-17415					
ROMP 28F G	HIG	TST	104.63	1385	271600.16	812022.244	545876.433	1066274.409		271559081202301	W-17418	ROMP28X				
ROMP29A	HIG	TST	98	1877	273010	812514	519839.061	1152171.933				ROMP29A				Sebring
W-01511	HIG	NI	170	1200	273636.12	813022.27	492240.01	1191267.794			W-01511					
W-9300	HIG	NI	126	1040	270916.18	812734.27	506742.215	1025605.428			W-9300					
W-14884	HIG	TST	148	1363	273616.12	812848.268	500688.476	1189214.365		273615081284901	W-14884	ROMP43XX				
W-15163	HIG	NI	60	1200	272656.14	812131.26	539839.367	1132532.265			W-15163					
W-17000	HIG	TST	82	2112	272208.15	812603.266	515233.035	1103529.156		271559081202301	W-17000	ROMP28				Kuhlman
W-17001	HIG	TST	145	1670	270857.18	812113.262	541152.258	1023575.288		270858081211101	W-17001	ROMP14				Hiconia
FLAHL2	HIL	NI	47	1783	280753.054	821826.347	234800.516	1382744.098	MORRIS BRIDGE DEEP WELL 14 NEAR BRANCHTON FL	280752081282701	W-16456	ROMP49				FLAHL2
ROMP49	HIL	TST	149	1575	274547.1	821513.342	250708.484	1248638.984								
W-130	HIL	NI	53.3	270	280652	823415	149876	1377706								
W-131	HIL	NI	44.1	340	280550	823551	141167	1371526								
W-134	HIL	NI	47.3	297	280629	823508	145098	1375459								
W-1005	HIL	OIL	99	10129	274908	820925	28									

