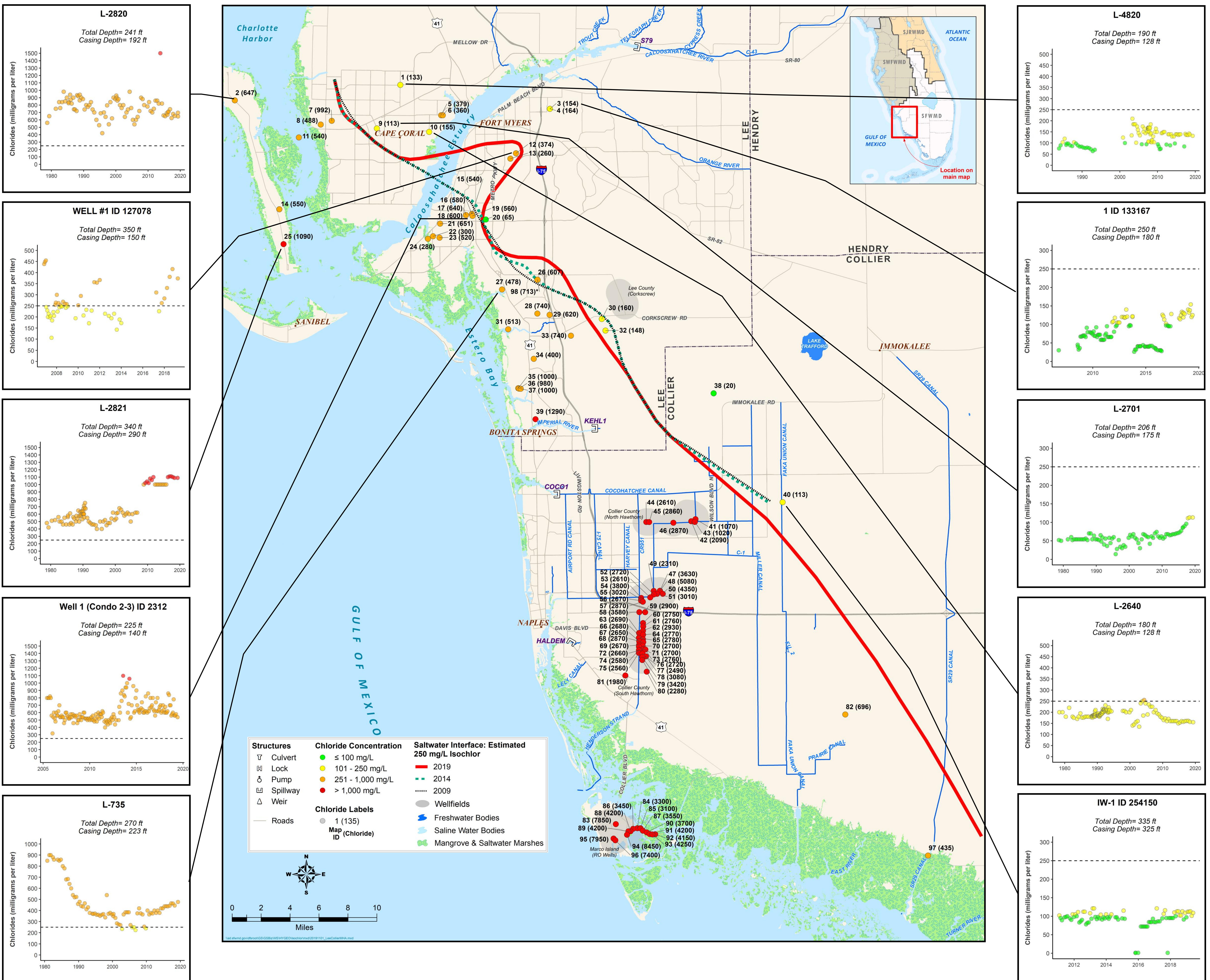


Lee and Collier Counties Estimated Position of the Saltwater Interface Mid-Hawthorn Aquifer March/April/May 2019



Prepared by:
Water Supply Bureau



Map ID	SFWMD Facility ID	Project Name	Well Name	XCOORD	YCOORD	Cased Depth (feet)	Total Depth (feet)	Chloride (mg/L)
1	USGS		L-4820	343688	854934	128	190	133
2	USGS		L-2820	283281	849295	192	241	647
3	133167	CYPRESS WOODS RV RESORT	1	398300	846200	180	250	154
4	137297	CYPRESS WOODS RV RESORT	2	398300	846200	180	250	164
5	6706	EL RIO GOLF CLUB	4	358602	843865	180	200	379
6	6707	EL RIO GOLF CLUB	5	359198	843857	180	200	360
7	213122	CAPE CORAL CHARTER SCHOOL NORTH AND NEIGHBORHOOD PARK FOUR	Well 1	314538	840458	240	400	992
8	195464	CITY OF CAPE CORAL NEIGHBORHOOD PARK FOUR	Well 1	314538	840458	240	400	488
9	USGS		L-2701	335130	839044	175	206	113
10	USGS		L-2640	354223	837919	128	180	155
11	USGS		L-2645	306668	835763	160	210	540
12	127078	PROVENCE PARK	WELL #1	385925	839982	150	350	374
13	193790	WATERFORD LANDING	MH-1	383869	838023	150	210	260
14	179507	MASTERS LANDING	MW	299543	809545	234	327	550
15	2312	SEVEN LAKES	Well 1 (Condo 2-3)	369830	807823	140	225	540
16	2312	SEVEN LAKES	Well 1 (Condo 2-3)	369830	807823	140	225	580
17	2317	SEVEN LAKES	Well 6 (Condo 8)	367684	807415	140	220	640
18	2317	SEVEN LAKES	Well 6 (Condo 8)	367684	807415	140	220	600
19	227438	SEVEN LAKES	3R (Condo 1)	370031	807123	135	380	560
20	27382	ASHLAR APARTMENT HOMES	Well A	374886	805811	200	225	65
21	196605	LAKE MCGREGOR DRIVE RPD	PW-2	358216	804291	150	190	651
22	136426	CALLISA PALMS	Well #1	355632	799706	155	220	300
23	136427	CALLISA PALMS	Well #2	358020	799174	155	220	520
24	132951	LUCAYA	PW-1	353768	798778	145	200	280
25	USGS		L-2821	301073	796831	290	340	1090
26	275143	THREE OAKS 106	PW-1	393759	783826	180	220	607
27	USGS		L-735	380816	780278	223	270	478
28	165374	RESERVE AT ESTERO	Well 1	393727	771460	180	220	740
29	274280	THE REEF	PW-1R	398197	771020	170	220	620
30	139140	BELLA TERRA	MH-2	417223	769504	196	236	160
31	USGS		L-5808	383075	765794	92	208	513
32	139141	BELLA TERRA	MH-3	418582	765273	335	400	148

Map ID	SFWMD Facility ID	Project Name	Well Name	XCOORD	YCOORD	Cased Depth (feet)	Total Depth (feet)	Chloride (mg/L)
33	252908	STONEBROOK COMMUNITY DEVELOPMENT DISTRICT	WMH-5	405976	763401	236	280	740
34	256125	AREA 2 OF COCONUT POINT	Well 1	393424	754978	210	265	480
35	140096	PELICANS NEST GOLF CLUB	LM-2017	386735	744232	235	300	1000
36	140905	PELICANS NEST GOLF CLUB	LM-2016 (Well 2)	387004	744076	205	350	980
37	32898	PELICANS NEST GOLF CLUB	LM-2333 (Well 3)	387648	744045	217	320	1000
38	USGS		C-1080	458061	742383	238	309	20
39	32045	BONITA BAY	MH-LM-3554	393034	732934	238	271	1290
40	234150	SABAL PALM ELEMENTARY AND CYPRESS PALM MIDDLE SCHOOLS	W-1	483341	702646	325	335	113
41	167358	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-116N	451442	696456	400	500	1070
42	167356	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-114N	449908	695694	412	514	2090
43	167357	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-115N	451202	695432	400	500	1020
44	167364	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-101N	433463	695415	397	512	2610
45	167313	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-102N	434530	695390	400	500	2860
46	190656	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-109N	443356	695134	404	475	2870
47	109716	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-65	438460	670306	317	421	3630
48	109717	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-75	438430	670290	328	442	5080
49	109715	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-55	436202	670259	297	402	2310
50	190473	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-41S	439505	669195	300	400	4350
51	190471	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-39S	437425	669195	300	400	3010
52	109714	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-4S	436234	668983	331	402	2720
53	109712	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-2S	434927	667897	292	400	2610
54	109708	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-14S	431611	667706	298	422	3800
55	115849	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-13S	431600	667900	295	400	3020
56	109709	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-15S	431595	666779	295	402	2670
57	109710	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-12S	432233	666306	299	422	2870
58	190638	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-17S	430950	662510	300	420	3580
59	190637	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-16S	433086	662490	300	420	2900
60	190639	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-18S	432280	658535	300	420	2750
61	190875	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-19S	432354	657306	300	420	2760
62	190876	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-20S	432288	655764	300	420	2930
63	190878	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-21S	430844	654910	300	420	2690
64	190877	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-22S	432321	654287	300	420	2770

Map ID	SFWMD Facility ID	Project Name	Well Name	XCOORD	YCOORD	Cased Depth (feet)	Total Depth (feet)	Chloride (mg/L)
65	190879	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-23S	430778	653138	300	420	2780
66	190640	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-25S	432275	652630	300	420	2680
67	190880	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-24S	430877	651881	300	420	2650
68	190641	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-26S	432380	651570	300	420	2870
69	190643	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-28S	430850	650550	300	420	2670
70	190642	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-27S	432170	650215	300	420	2700
71	190644	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-29S	430860	649930	300	420	2700
72	190648	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-33S	432350	648940	300	420	2660
73	190650	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-35S	433160	648860	300	420	2760
74	190645	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-30S	433080	648630	300	420	2580
75	190646	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-31S	430750	647670	300	420	2560
76	190649	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-34S	432070	647380	300	420	2720
77	190653	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-38S	433370	646380	300	420	2490
78	190651	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-36S	432015	646130	300	420	3080
79	190652	COLLIER COUNTY PUBLIC WATER SUPPLY	RO-37S	432015	645040	300	420	3420
80	122874	VERONAWALK	Well 4	433644	640783	300	350	2280
81	295959	LEELI RESORT COMMUNITY	Well 10	432583	639407	300	400	3980
82	USGS		C-987	506124	625170	280	370	696
83	28492	CITY OF MARCO ISLAND	RO-10	422355	585167	410	580	7850
84	28471	CITY OF MARCO ISLAND	RO-14	430203	583664	336	460	3300
85	28472	CITY OF MARCO ISLAND	RO-15	431331	583648	352	507	3100
86	28474	CITY OF MARCO ISLAND	RO-16	430693	583447	337	491	3450
87	28475	CITY OF MARCO ISLAND	RO-17	432249	582761	341	500	3550
88	28470	CITY OF MARCO ISLAND	RO-13	427712	582541	345	508	4200
89	28469	CITY OF MARCO ISLAND	RO-12	426946	582526	341	498	4200
90	28476	CITY OF MARCO ISLAND	RO-18	433665	582128	334	395	3700
91	142963	CITY OF MARCO ISLAND	RO-19	434690	581549	350	500	4200
92	142967	CITY OF MARCO ISLAND	RO-21	436735	581462	350	500	4150
93	142964	CITY OF MARCO ISLAND	RO-20	435680	581415	350	500	4250
94	28473	CITY OF MARCO ISLAND	RO-11	426444	581271	350	500	8450
95	28487	CITY OF MARCO ISLAND	RO-1	421541	579876	395	574	7950
96	28488	CITY OF MARCO ISLAND	RO-4	421286	579252	392	574	7400
97	USGS		C-311	536350	573688	430	450	435
98*	275143	THREE OAKS 106	PW-1	393759	783826	180	220	713

Well and chloride information was obtained from the USGS, local governments and SFWMD records. Chloride values are given in milligrams per liter (mg/L). Map data represents the maximum chloride value for the period of March/April/May 2019. Map ID wells denoted with an asterisk "*" include data from June 2012 to February 2019. Graphs of recorded wells represent the period of record for each well through May 2019. The solid red isochlor line marks an approximation of the farthest inland extent of the saltwater interface as defined by the 250 mg/L chloride concentration in groundwater and/or the farthest inland extent of saline surface water. The dashed green line corresponds to the 2014 data and the dashed black line corresponds to 2009 data.

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