

Lee and Collier Counties

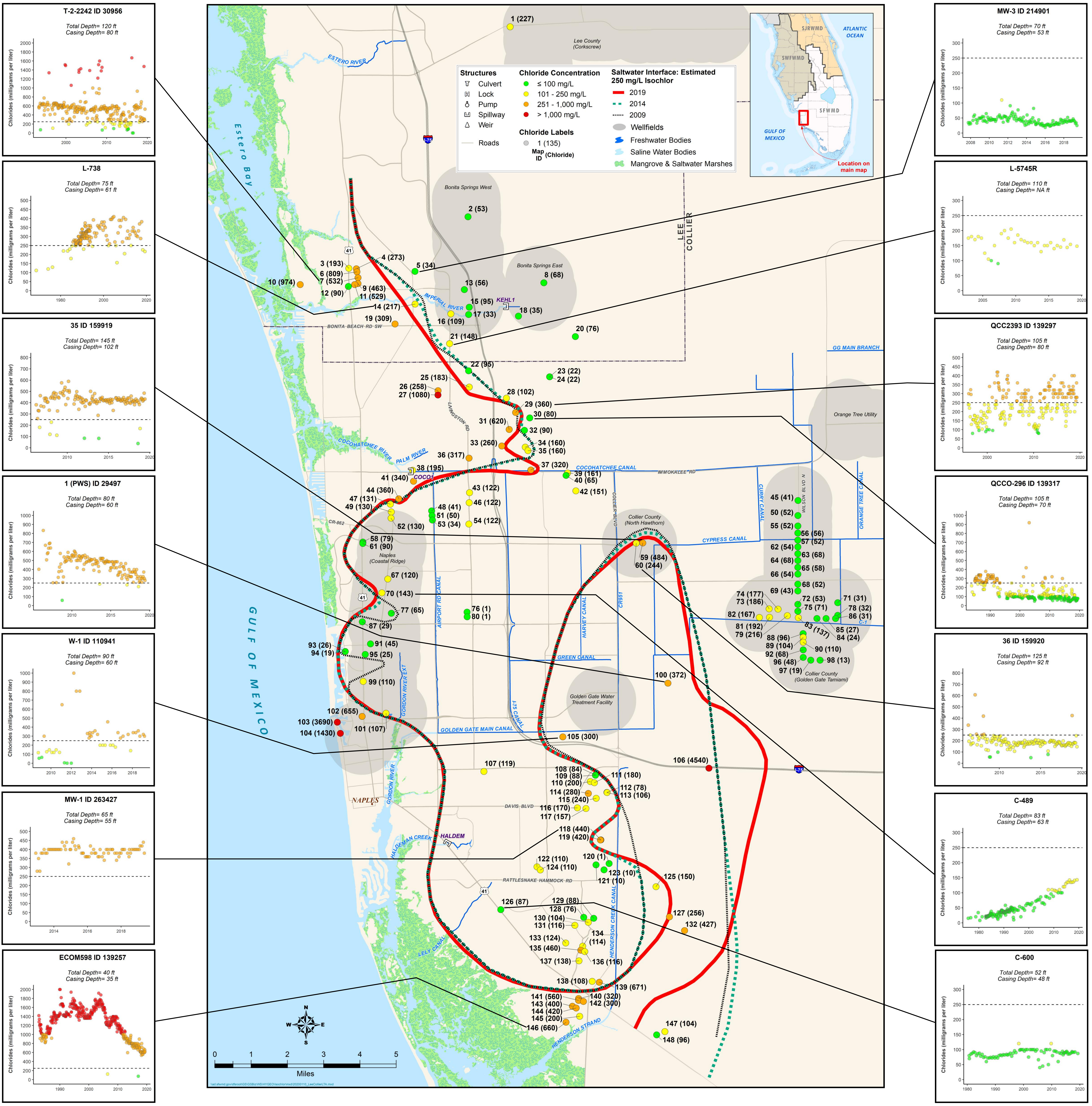
Estimated Position of the Saltwater Interface

Lower Tamiami 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	268329	THE PRESERVE AT CORNSCREW	LT-1	415191	770318	30	70	227
2	214902	BONITA SPRINGS UTILITIES	LM-4	409053	742651	63	98	53
3	140847	BONITA BAY	LM-1676	391698	731340	67	120	193
4	140846	BONITA BAY	LM-1677	392022	730799	70	125	273
5	214901	BONITA SPRINGS UTILITIES	MW-3	401337	734703	53	70	34
6	30943	BONITA BAY	T-1-182A	392881	734632	74	125	809
7	30956	BONITA BAY	T-2-2242	393039	733783	80	120	532
8	214909	BONITA SPRINGS UTILITIES	MW-6	420097	733039	86	125	68
9	30944	BONITA BAY	T-3-2244	393034	732934	83	120	463
10	140755	BONITA BAY	LM-1645	384618	732780	97	104	974
11	140754	BONITA BAY	LM-1644	392556	732780	75	86	529
12	140763	BONITA BAY	LM-1655	391637	732504	76	100	90
13	USGS		L-1691	408522	732045	58	69	56
14	USGS		L-738	401350	739937	61	75	217
15	214904	BONITA SPRINGS UTILITIES	MW-6	409238	729482	10	20	95
16	214905	BONITA SPRINGS UTILITIES	MW-7	409558	729512	81	100	109
17	214905	BONITA SPRINGS UTILITIES	MW-7	409146	728419	65	80	33
18	214903	BONITA SPRINGS UTILITIES	MW-5	416400	728188	56	112	35
19	214899	BONITA SPRINGS UTILITIES	MW-1	398426	727033	75	80	309
20	173667	SAN REMO AT PALMBAHIA G & A	PW-1R	424688	725200	42	70	75
21	USGS		L-5745R	406382	724180	110	148	90
22	267501	TALIS PARK	North Well	409136	720215	60	100	95
23	274638	PARKLANDS COLLIER	W-1	420940	719350	65	80	22
24	274637	PARKLANDS COLLIER	W-2	420940	719350	65	80	22
25	267502	TALIS PARK	South Well	409235	717852	57	100	183
26	262549	THE CLUB AT MEDITERRA	LT-1	404691	717327	65	100	183
27	262550	THE CLUB AT MEDITERRA	LT-2	404680	716693	65	100	100
28	139312	QUAIL CREEK COUNTRY CLUB	QCCO-110	414652	716245	65	70	102
29	139297	QUAIL CREEK COUNTRY CLUB	QCCO-2393	415992	714546	80	105	360
30	139317	QUAIL CREEK COUNTRY CLUB	QCCO-296	418046	713557	70	105	80
31	139314	QUAIL CREEK COUNTRY CLUB	QCCO-512	415564	713675	80	85	620
32	139318	QUAIL CREEK COUNTRY CLUB	QCCO-96	417272	711556	80	85	90
33	265216	CYPRESS WOODS GOLF AND COUNTRY CLUB	LT-1	413980	709275	49	53	260
34	115450	LONGSHORE LAKE	L-1	417393	709106	80	120	160
35	115561	LONGSHORE LAKE	L-2	417394	708592	80	120	160
36	144235	PELICAN BAY/MALE PEN WELLS	CO-14	409203	703503	53	90	317
37	139583	LONGSHORE LAKE	MW-1	418205	705774	73	84	320
38	22055	GULF COAST HIGH SCHOOL AND LAUREL OAKS MIDDLE SCHOOL	Gulf-1	423354	705335	75	90	161
39	22054	GULF COAST HIGH SCHOOL AND LAUREL OAKS MIDDLE SCHOOL	Laurel-1	423336	704991	75	90	65
40	143408	STONEBRIDGE COUNTRY CLUB	MW-2	401124	704337	45	75	340
41	149546	ARROWHEAD GOLF COURSE	Well A	424763	702757	70	80	151
42	26186	PELICAN MARSH	8	409278	702475	47	70	122
43	143697	STONEBRIDGE COUNTRY CLUB	MW-1	389868	701581	45	75	360
44	196710	COLLIER COUNTY PUBLIC WATER SUPPLY	87	407132	701337	80	120	41
45	26192	PELICAN MARSH	9	409231	701015	46	70	122
46	26165	PELICAN MARSH	CO-2342	397744	700795	42	70	131
47	26177	PELICAN MARSH	CO-2420	403759	699821	48	78	41
48	26171	PELICAN MARSH	CO-2343	397888	699670	41	70	130

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. Graphs of selected 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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