

# Lee and Collier Counties

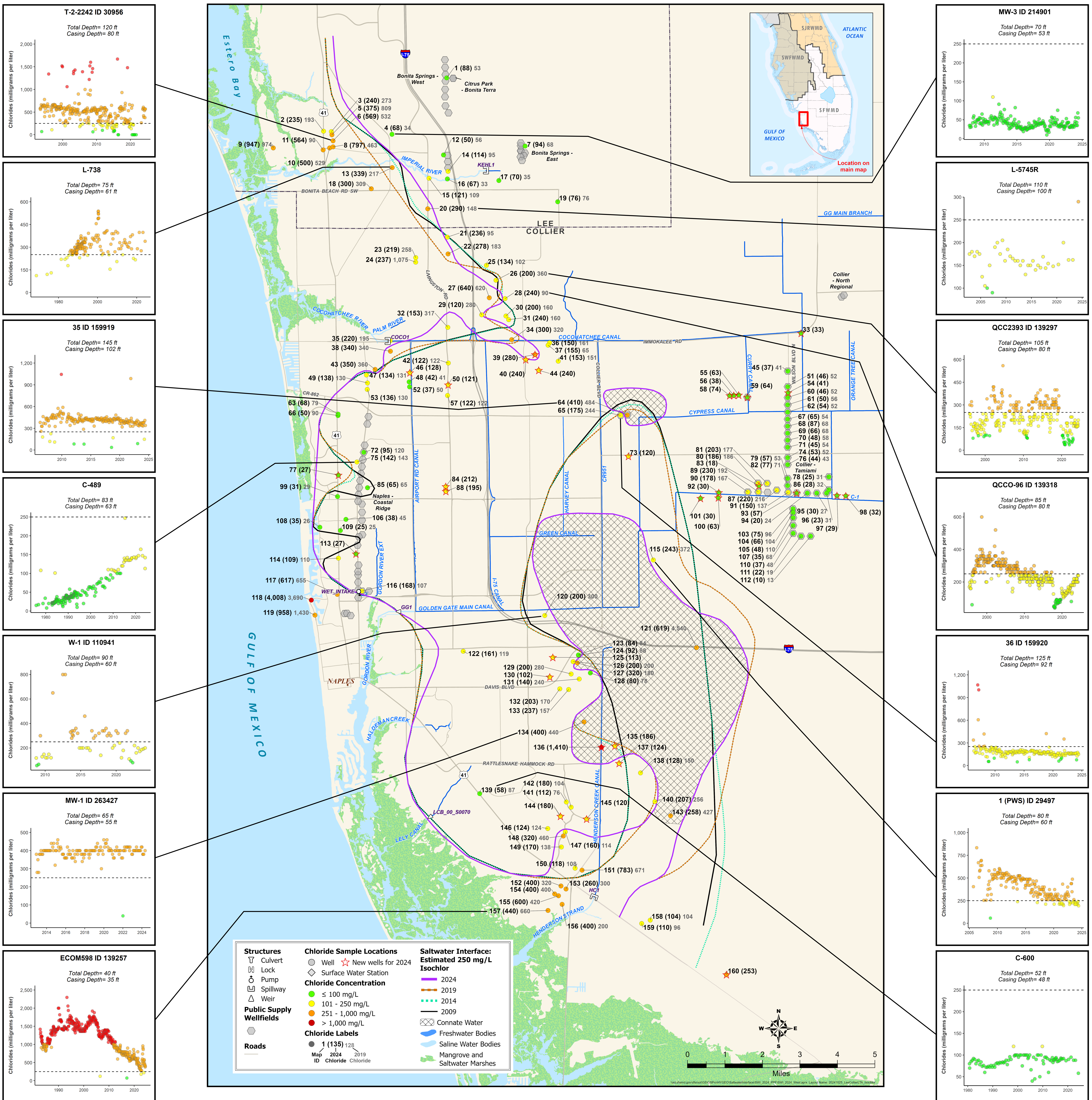
## Estimated Position of the Saltwater Interface

### Lower Tamiami Aquifer

#### March/April/May 2024



Prepared by:  
Water Supply Bureau  
Hydrogeology Unit



Map ID	SFWMD Facility ID	Project Name	Well or Station Name	Facility Type	XCOORD (feet)	YCOORD (feet)	Cased Depth (ft bbl)	Total Depth (ft)	2019 Chloride (mg/L)	2024 Chloride (mg/L)
1	214902	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-4 ID 214902	WELL	409953	742651	67	98	53	85
2	148847	BONITA BAY - BROOKS PARCEL	LM-1076 ID 148847	WELL	391098	735140	67	100	109	223
3	148946	BONITA BAY - BROOKS PARCEL	LM-1077 ID 148946	WELL	392820	735070	70	125	273	200
4	214901	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-3 ID 214901	WELL	401337	734703	53	70	34	68
5	30943	BONITA BAY - BROOKS PARCEL	T-1-18243 ID 30943	WELL	392881	734637	74	125	809	375
6	30956	BONITA BAY - BROOKS PARCEL	T-2-2242 ID 30956	WELL	393039	733763	80	120	532	569
7	214909	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-8 ID 214909	WELL	420097	733039	86	125	68	94
8	30944	BONITA BAY - BROOKS PARCEL	T-3-2244 ID 30944	WELL	393034	733934	83	120	463	797
9	140753	BONITA BAY - BROOKS PARCEL	LM-1645 ID 140753	WELL	384618	732780	97	104	974	947
10	140754	BONITA BAY - BROOKS PARCEL	LM-1644 ID 140754	WELL	392556	732780	75	86	529	500
11	140763	BONITA BAY - BROOKS PARCEL	LM-1655 ID 140763	WELL	391637	732504	76	100	90	164
12	2619268145001	USGS	W-1 ID 261926	WELL	408608	731797	58	69	56	50
13	2619268144401	USGS	L-738	WELL	401375	730014	61	75	217	339
14	214904	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-6 ID 214904	WELL	409238	729482	30	20	95	114
15	214900	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-2 ID 214900	WELL	406558	728512	81	100	109	123
16	214905	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-7 ID 214905	WELL	409146	728410	65	80	33	67
17	214903	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-5 ID 214903	WELL	416400	728188	56	112	35	70
18	214899	BONITA SPRINGS UTILITIES U F A WELLFIELD	MW-1 ID 214899	WELL	398426	727033	75	80	309	300
19	171667	SAR RIMM AT PALMIRA H.O.A.	PW-1R ID 171667	WELL	424486	725200	42	70	76	76
20	26192681454702	USGS	L-5745R	WELL	406375	724210	100	110	148	290
21	267501	TALIS PARK	North Well ID 267501	WELL	409136	723215	60	100	95	236
22	267502	TALIS PARK	South Well ID 267502	WELL	409235	723253	52	100	183	278
23	262549	THE CLUB AT MEDITERRA	LT-1 ID 262549	WELL	406491	717327	65	100	258	211
24	262550	THE CLUB AT MEDITERRA	LT-2 ID 262550	WELL	406880	716693	65	100	1075	237
25	139312	QUAL CREEK COUNTRY CLUB	QCCO-110 ID 139312	WELL	414653	716245	65	70	102	134
26	139927	QUAL CREEK COUNTRY CLUB	QCC2393 ID 139927	WELL	414982	714146	80	105	360	200
27	139314	QUAL CREEK COUNTRY CLUB	QCCO-112 ID 139314	WELL	415054	716175	80	85	620	640
28	139318	QUAL CREEK COUNTRY CLUB	QCCO-110 ID 139318	WELL	412722	715596	80	85	90	240
29	262516	CYPRESS WOODS GOLF AND COUNTRY CLUB	LT-1A ID 262516	WELL	415380	709275	49	120	280	120
30*	115560	LONGSHORE LAKE	LT ID 115560	WELL	417393	709106	80	120	160	200
31*	115561	LONGSHORE LAKE	LT ID 115561	WELL	417784	708992	80	120	160	200
32	144225	COLLIER COUNTY PUBLIC WATER SUPPLY	CO-1410 ID 144225	WELL	409293	707663	53	90	317	158
33	252948	COLLIER COUNTY PUBLIC WATER SUPPLY	MW-1 ID 252948	WELL	458881	706674	70	80	33	33
34	139583	LONGSHORE LAKE	MW-1 ID 139583	WELL	418205	705774	73	84	320	300
35	26192681454401	USGS	C-1004R	WELL	401088	705630	52	60	195	220
36	22055	GULF COAST HIGH SCHOOL AND LAUREL OAKS MIDDLE SCHOOL	Gulf I ID 22055	WELL	423554	705335	75	90	161	150
37	22054	GULF COAST HIGH SCHOOL AND LAUREL OAKS MIDDLE SCHOOL	Laurel I ID 22054	WELL	423336	704991	75	90	65	155
38	141608	STONEBRIDGE COUNTRY CLUB	MSD ID 141608	WELL	401124	704317	45	75	340	340
39	104175	SATURNIA LAKES	Well I ID 104175	WELL	421493	703678	65	80	280	280
40	10946	SATURNIA LAKES	Well II ID 10946	WELL	420193	703956	65	80	240	240
41	149546	JANUARIA GOLF COURSE	Well A ID 149546	WELL	424763	702957	70	90	151	153
42	26186	BAY COLONY GOLF COURSE	8 ID 26186	WELL	409278	702475	47	70	122	122
43	143697	STONEBRIDGE COUNTRY CLUB	MW-1 ID 143697	WELL	398968	701581	45	75	360	350
44	140186	SATURNIA LAKES	Well B ID 140186	WELL	420217	701451	65	80	120	120
45	198716	COLLIER COUNTY PUBLIC WATER SUPPLY	CO-1018 ID 198716	WELL	457114	701310	80	120	41	37
46	1058	COLLIER COUNTY	CO-1058	WELL	403859	701110	62	80	128	128
47	26165	BAY COLONY GOLF COURSE	CO-2342 ID 26165	WELL	397744	700975	47	70	131	134
48	261737	BAY COLONY GOLF COURSE	CO-2420 ID 261737	WELL	402370	699821	48	78	41	42
49	26171	BAY COLONY GOLF COURSE	CO-2343 ID 26171	WELL	397888	699750	41	70	130	138
50	26189	BAY COLONY GOLF COURSE	CO-20 ID 26189	WELL	409250	699398	47	70	121	121
51	159118	COLLIER COUNTY PUBLIC WATER SUPPLY	CO-1018 ID 159118	WELL	434500	695100	303	145	484	410
52	26180	BAY COLONY GOLF COURSE	CO-2421 ID 26180	WELL	403820	699123	48	75	50	37
53	26174	BAY COLONY GOLF COURSE	CO-3344 ID 26174	WELL	397856	698766	43	70	130	136
54	252958	COLLIER COUNTY PUBLIC WATER SUPPLY	CO-1010 ID 252958	WELL	457158	698297	70	90	102	41
55	282743	COLLIER COUNTY PUBLIC WATER SUPPLY	89 ID 282743	WELL	450190	697986	90	130	60	60
56	285250	COLLIER COUNTY PUBLIC WATER SUPPLY	CC10 ID 285250	WELL	449500	697919	60	100	38	38
57	29588	BAY COLONY GOLF COURSE	11 ID 29588	WELL	400177	697902	45	70	122	122
58	282744	COLLIER COUNTY PUBLIC WATER SUPPLY	80 ID 282744	WELL	448914	697860	90	130	280	274
59	278710	COLLIER COUNTY PUBLIC WATER SUPPLY	CO-1410 ID 278710	WELL	451403	697654	90	130	56	64
60	110535	COLLIER COUNTY PUBLIC WATER SUPPLY	32 ID 110535	WELL	457085	697624	65	120	52	46
61	110536	COLLIER COUNTY PUBLIC WATER SUPPLY	C-400	WELL	457085	696953	65	120	56	50
62	45436	COLLIER COUNTY PUBLIC WATER SUPPLY	16 ID 45436	WELL	457086	695562	92	150	52	54
63	255113	CITY OF NAPLES	SALT-1 ID 255113	WELL	393749	695278	153	230	79	68
64	159219	COLLIER COUNTY PUBLIC WATER SUPPLY	35 ID 159219	WELL	457086	695100	303	145	484	410
65	159220	COLLIER COUNTY PUBLIC WATER SUPPLY	36 ID 159220	WELL	433550	695115	92	125	244	175
66	137994	CITY OF NAPLES	CO-1003 ID 137994	WELL	393736	695077	51	65	90	50
67	45435	COLLIER COUNTY PUBLIC WATER SUPPLY	15 ID 45435	WELL	457086	694573	84	130	54	65
68	45434	COLLIER COUNTY PUBLIC WATER SUPPLY	14 ID 45434	WELL	457086	693582	85	131	68	67
69	45433	COLLIER COUNTY PUBLIC WATER SUPPLY	13 ID 45433	WELL	457086	692592	84	130	68	66
70	45432	COLLIER COUNTY PUBLIC WATER SUPPLY	12 ID 45432	WELL	457086	691602	90	133	58	48
71	45431	COLLIER COUNTY PUBLIC WATER SUPPLY	11 ID 45431	WELL	457086	690612	90	137	54	45
72	190920	CITY OF NAPLES	823 ID ID 190920	WELL	393732	689902	47	92	120	95
73	28267	COLLIER COUNTY PUBLIC WATER SUPPLY	CC10 ID 28267	WELL	434655	689340	60	100	120	120
74	45428	COLLIER COUNTY PUBLIC WATER SUPPLY	10 ID 45428	WELL	457086	689152	71	112	52	53
75	45429	CITY OF NAPLES	C-489	WELL	396402	688540	63	83	143	142
76	45429	COLLIER COUNTY PUBLIC WATER SUPPLY	9 ID 45429	WELL	457086	688102	65	114	43	44
77	110533	COLLIER COUNTY PUBLIC WATER SUPPLY	C-400	WELL	391788	687719	79	71	37	27
78	45427	COLLIER COUNTY PUBLIC WATER SUPPLY	80 ID 110533	WELL	457086	686447	58	120	31	25
79	45427	COLLIER COUNTY PUBLIC WATER SUPPLY	79 ID 45427	WELL	457086	686212	65	106	53	57
80	110531	COLLIER COUNTY PUBLIC WATER SUPPLY	78 ID 110531	WELL	457086	685593	66	120	186	186

Well and chloride information was obtained from the USGS, local governments, and SFWMD records. Chloride concentrations are reported in milligrams per liter (mg/L). Map data represent the maximum chloride concentration for March–May 2024. Map IDs denoted with an asterisk “\*” include data outside of but as close to the March–May 2024 time frame as possible. Graphs of selected wells represent the period of record for each well through May 2024. The solid purple 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.

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