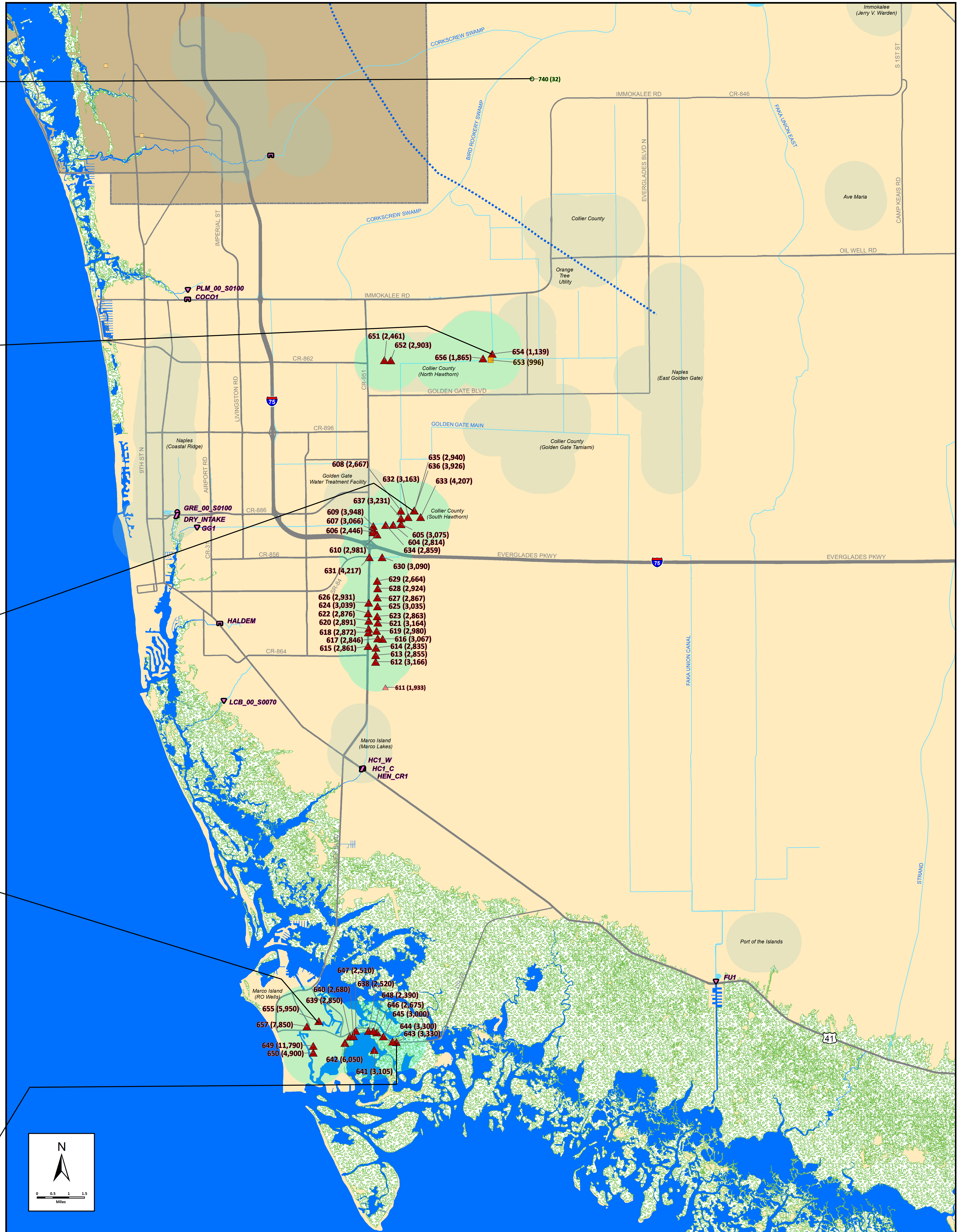
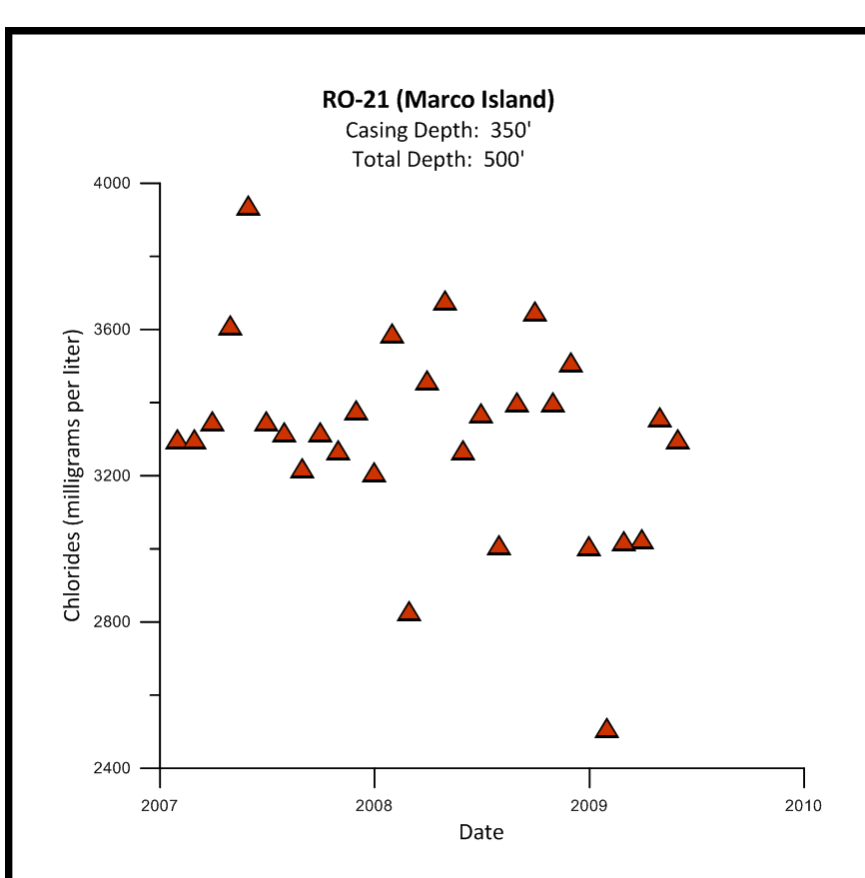
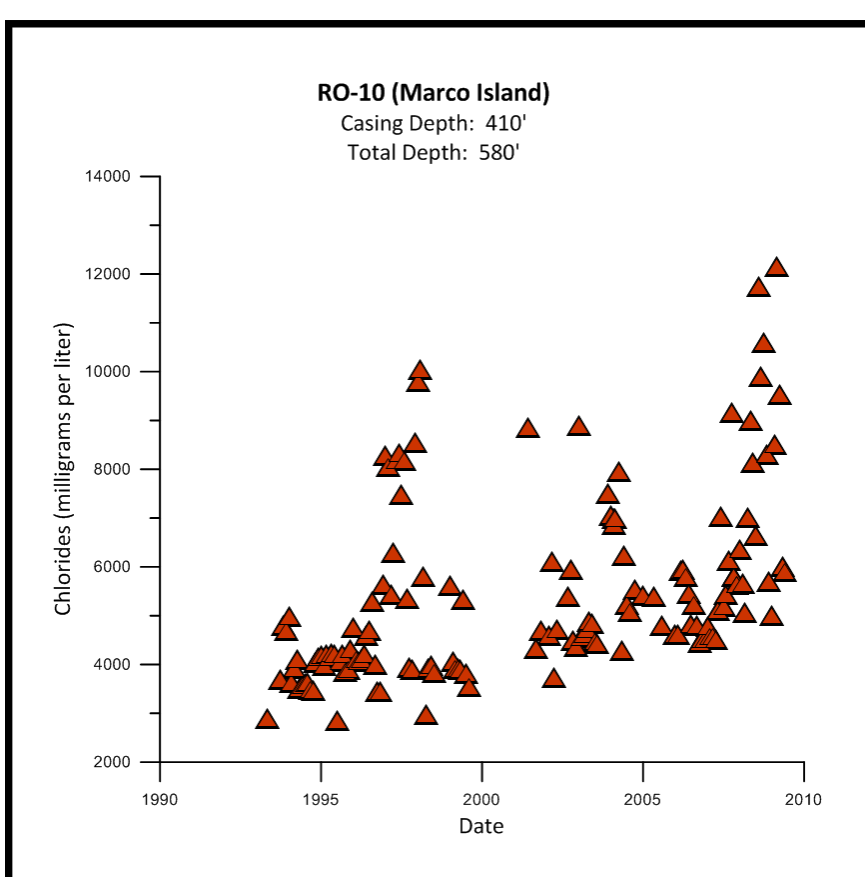
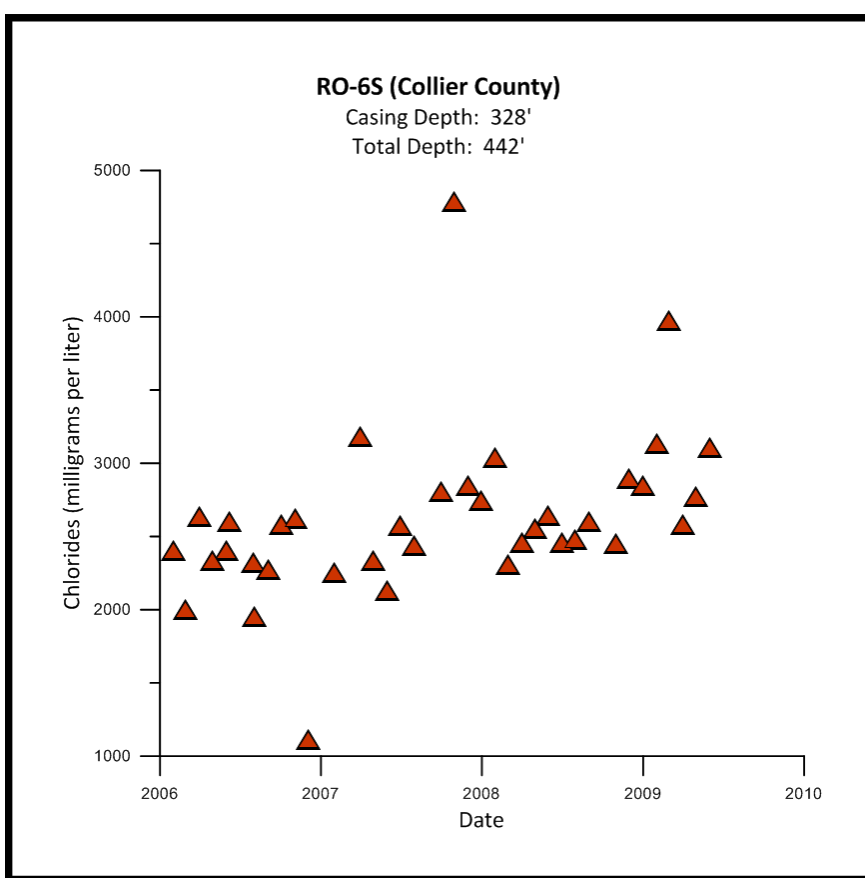
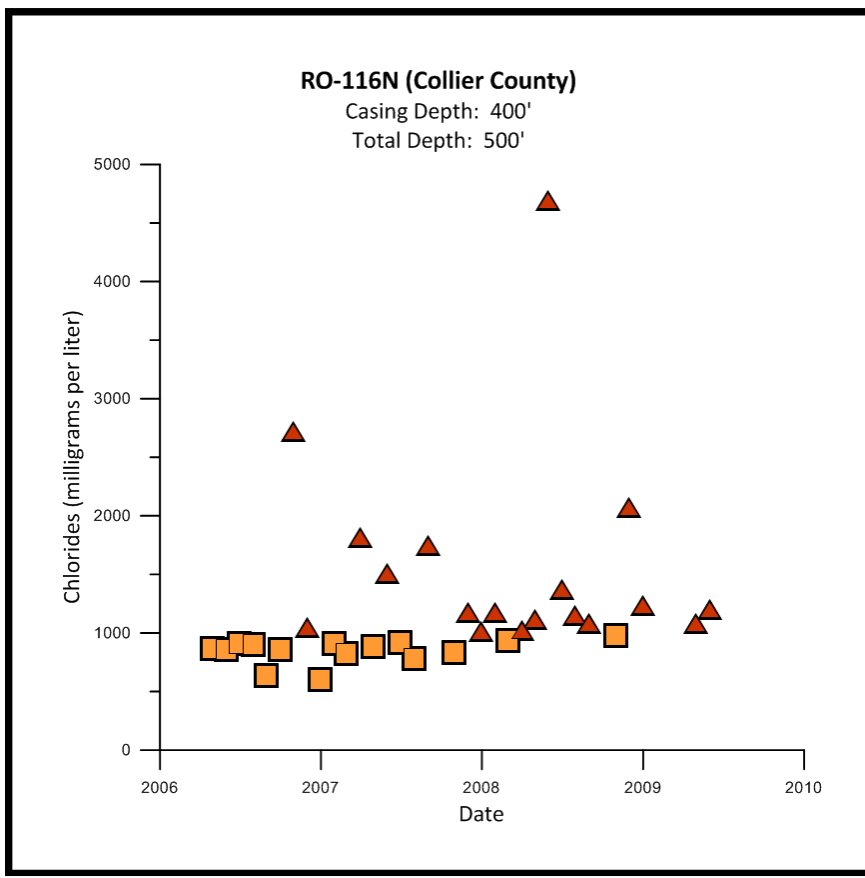
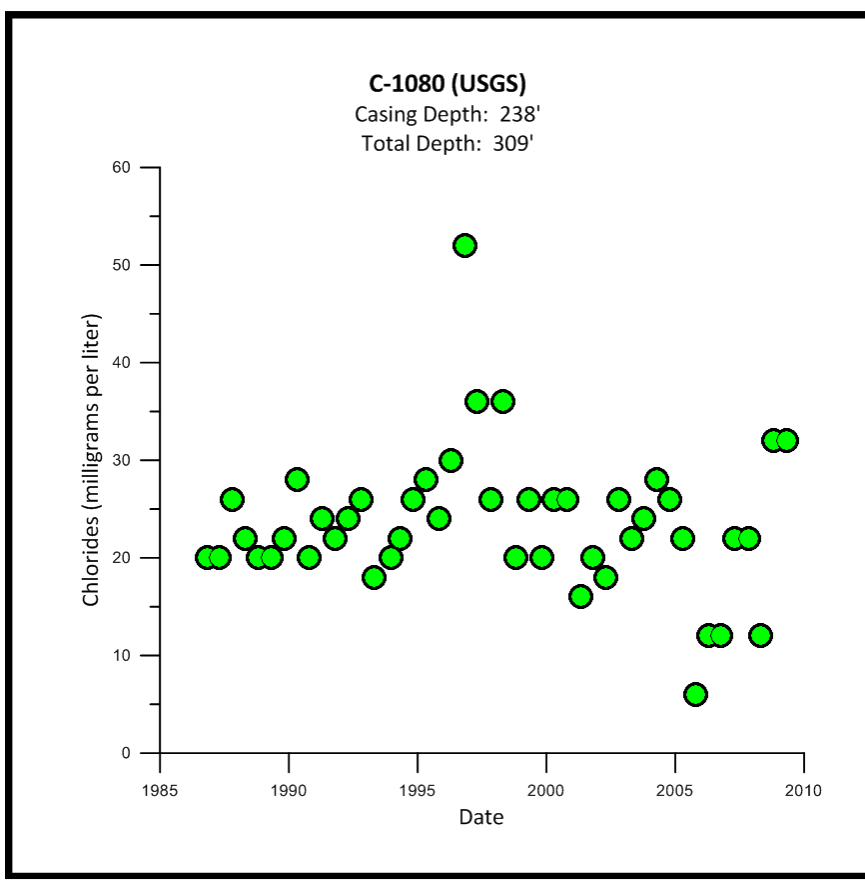


# Collier County Estimated Position of the Saltwater Interface Mid-Hawthorn Aquifer April/May 2009



Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet bbs)	Total Depth (feet bbs)	Average Chloride (mg/L)
604	109-712	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-25	434927	292	400	2,814	
605	109-713	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-35	436249	688017	293	403	3,075
606	109-709	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-155	431595	666673	295	402	2,446
607	115-849	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-135	431400	667080	295	400	3,066
608	109-715	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-55	436202	672523	297	402	2,667
609	109-708	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-145	431611	667706	298	422	3,948
610	109-710	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-125	432233	666306	299	422	2,981
611	122-874	VERONAWALK	4	433644	669761	300	350	1,933
612	190-652	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-375	432015	645040	300	420	3,166
613	190-651	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-365	432015	646130	300	420	2,855
614	190-649	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-345	432070	647380	300	420	2,855
615	190-646	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-315	430750	647670	300	420	2,861
616	190-650	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-355	433160	648860	300	420	3,067
617	190-648	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-335	432350	649040	300	420	2,866
618	190-644	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-295	430800	649930	300	420	2,872
619	190-642	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-275	432170	650215	300	420	2,980
620	190-643	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-285	430850	650500	300	420	2,891
621	190-641	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-265	432380	651570	300	420	3,164

Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet bbs)	Total Depth (feet bbs)	Average Chloride (mg/L)
622	190-680	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-245	432877	651891	300	420	2,876
623	190-640	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-255	432275	652630	300	420	2,863
624	190-879	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-235	430778	653138	300	420	3,039
625	190-877	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-215	432321	654287	300	420	3,035
626	190-878	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-225	430844	654916	300	420	2,931
627	190-876	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-205	432288	655764	300	420	2,867
628	190-875	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-195	432354	657206	300	420	2,924
629	190-839	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-185	432200	658251	300	420	2,664
630	190-837	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-165	433080	662490	300	420	3,090
631	190-838	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-175	432950	662510	300	420	4,217
632	190-471	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-185	432745	669195	300	420	3,163
633	190-473	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-415	439505	669195	300	400	4,207
634	109-711	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-15	433681	667877	312	420	2,859
635	109-716	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-45	438460	670306	317	421	2,940
636	109-717	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-75	438430	670290	328	442	3,926
637	109-714	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-15	436234	668983	331	402	3,231
638	28-471	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	14 (RO 14)	430815	583931	336	460	2,520
639	28-469	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	12 (RO 12)	427705	582423	341	498	2,850
640	28-470	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	13 (RO 13)	428326	582900	345	508	2,680

Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet bbs)	Total Depth (feet bbs)	Average Chloride (mg/L)
641	142-263	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	19 (RO 19)	431768	580188	350	500	3,305
642	28-473	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	11 (RO 11)	432601	581378	350	500	6,050
643	142-267	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	21 (RO 21)	435462	581508	350	500	3,330
644	142-264	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	20 (RO 20)	434845	581582	350	500	3,300
645	28-476	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	18 (RO 18)	432295	581452	350	500	3,900
646	28-475	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	17 (RO 17)	432225	581312	350	500	2,675
647	28-474	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	16 (RO 16)	432895	581412	350	500	2,510
648	28-472	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	15 (RO 15)	431648	581358	352	507	2,390
649	28-489	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	5 (RO 5)	421598	580872	390	540	11,790
650	28-487	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	1 (RO 1)	421608	579750	395	574	4,900
651	167-004	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1015N	433463	695415	397	512	2,461
652	167-313	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1020N	434530	695390	400	500	2,903
653	167-357	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1155N	451202	695482	400	500	996
654	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
655	28-492	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	10 (RO 10)	422544	580104	410	580	5,950
656	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
657	29-397	MARCO ISLAND UTILITIES PUBLIC WATER SUPPLY	7 (RO 7)	420558	581327	415	571	7,850
740	NA	USGS 262228081361902	C-1080	458000	742383	238	305	32

Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet bbs)	Total Depth (feet bbs)	Average Chloride (mg/L)
658	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
659	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
660	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
661	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
662	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
663	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
664	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
665	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
666	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
667	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
668	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
669	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
670	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
671	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
672	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
673	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
674	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
675	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
676	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
677	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
678	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139
679	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1144N	449908	695044	412	514	1,865
680	167-356	COLLIER COUNTY PUBLIC WATER SUPPLY-NERWTP	RO-1160N	451462	695456	400	500	1,139

**Structures**

- Culvert
- Lock
- Pump
- Spillway
- Weir

**PWS† Chlorides**

- ≤100 mg/L
- 101 - 250 mg/L
- 251 - 1,000 mg/L
- >1,000 mg/L

**Non-PWS† Chlorides**

- ≤100 mg/L
- 101 - 250 mg/L
- 251 - 1,000 mg/L
- >1,000 mg/L

**Wells**

- ▲ 433 (3900) Map Number (chloride)

**Wellfields in the Mid-Hawthorn Aquifer**

- Wellfields in Other Aquifers
- Saline Water Bodies
- Freshwater Bodies
- Mangrove and Salt Marsh
- Roads
- Estimated 250 mg/L isochlor, 2009 (updated)

† PWS = Public Water Supply

Well and chloride information was obtained from USGS and SFWMD records. Chloride values are given in milligrams per liter (mg/L). Map data represent the average of available chloride values for the period of April/May 2009. Graphs of selected wells represent the period of record for each well through May 2014. The dashed isochlor lines mark an approximation of the farthest inland extent of the saltwater interface as defined by the 250 mg/L chloride concentration. The 2009 isochlor was updated in 2014/2015 to incorporate new and corrected data.



Hydrogeology Unit

**DISCLAIMER:**

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