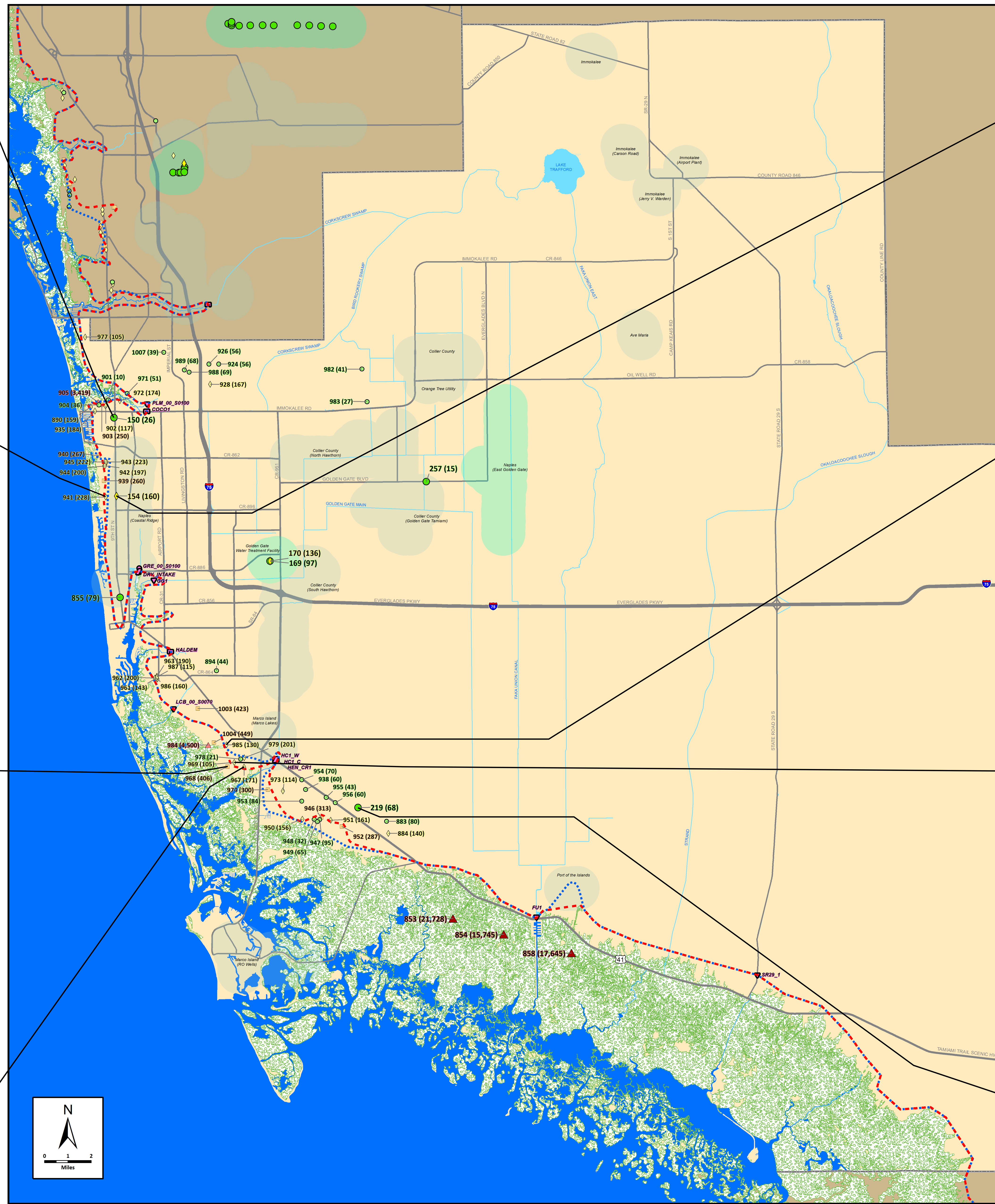
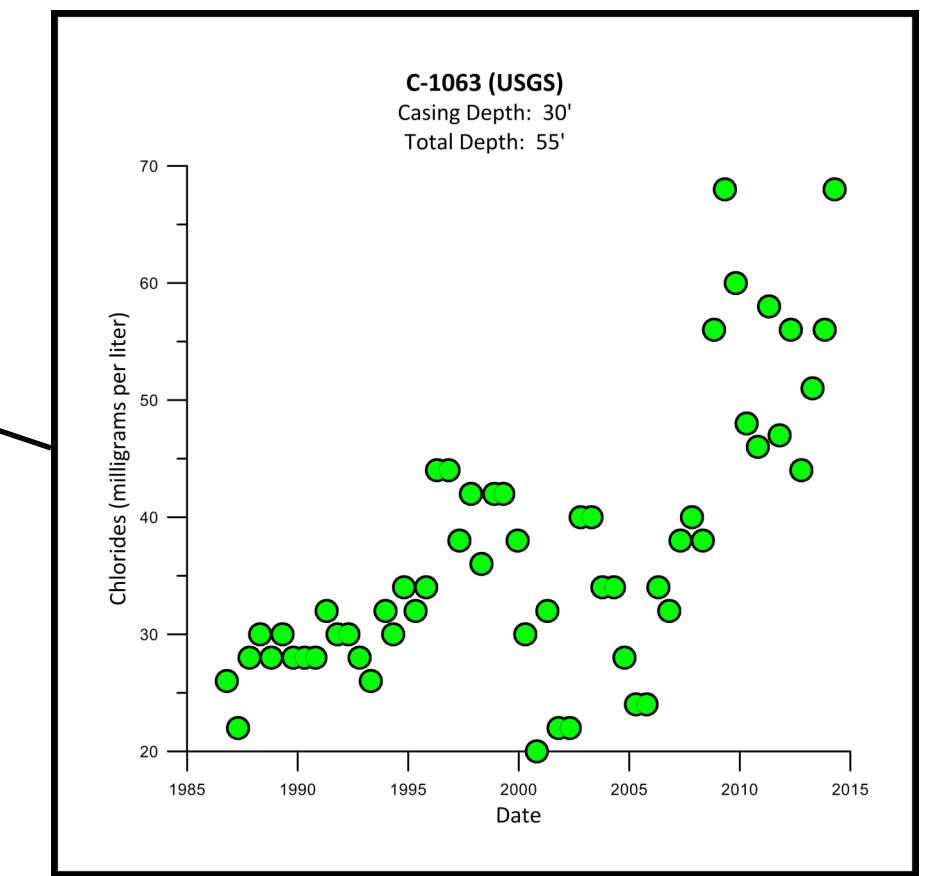
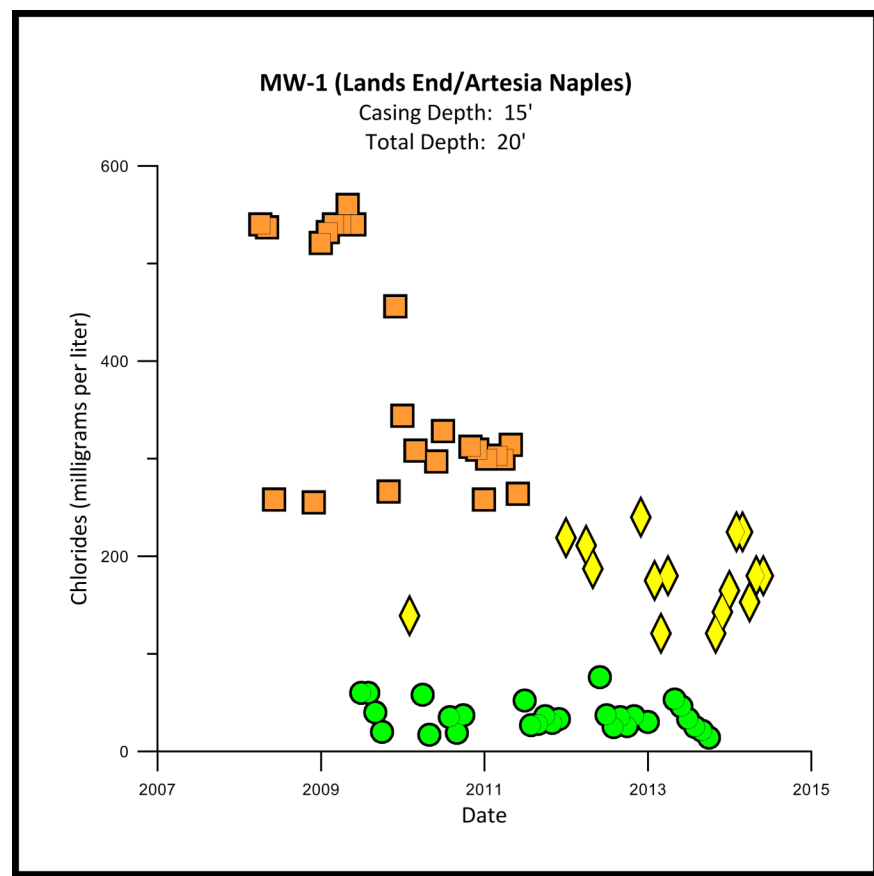
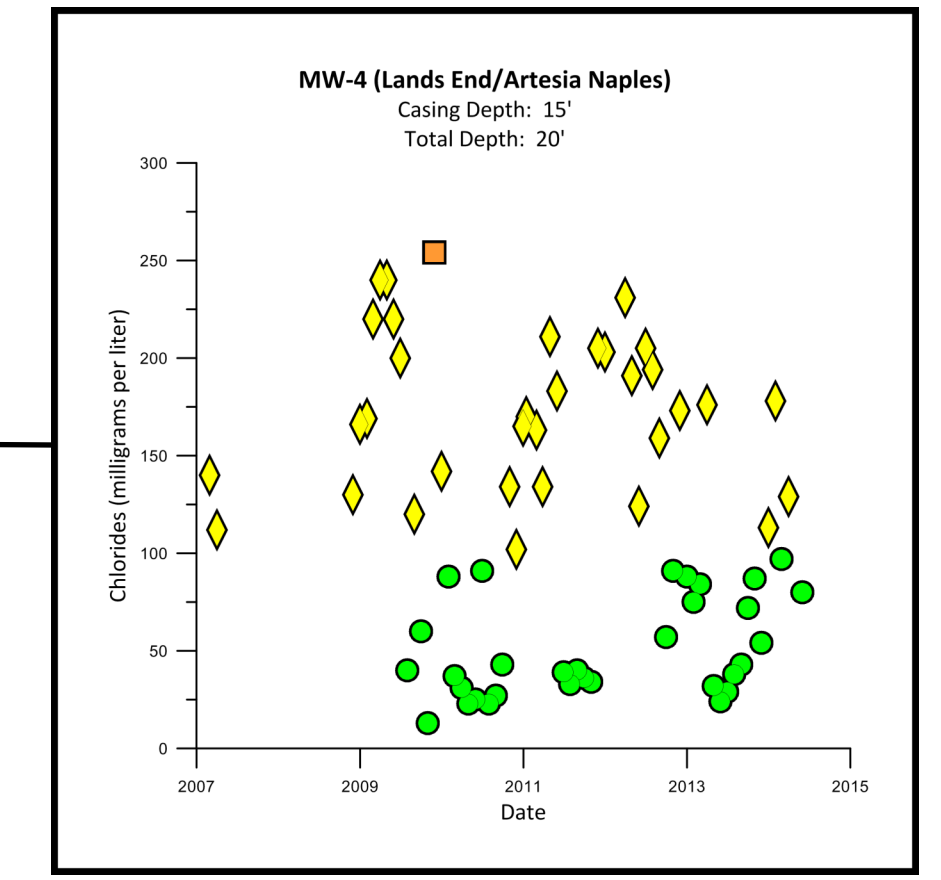
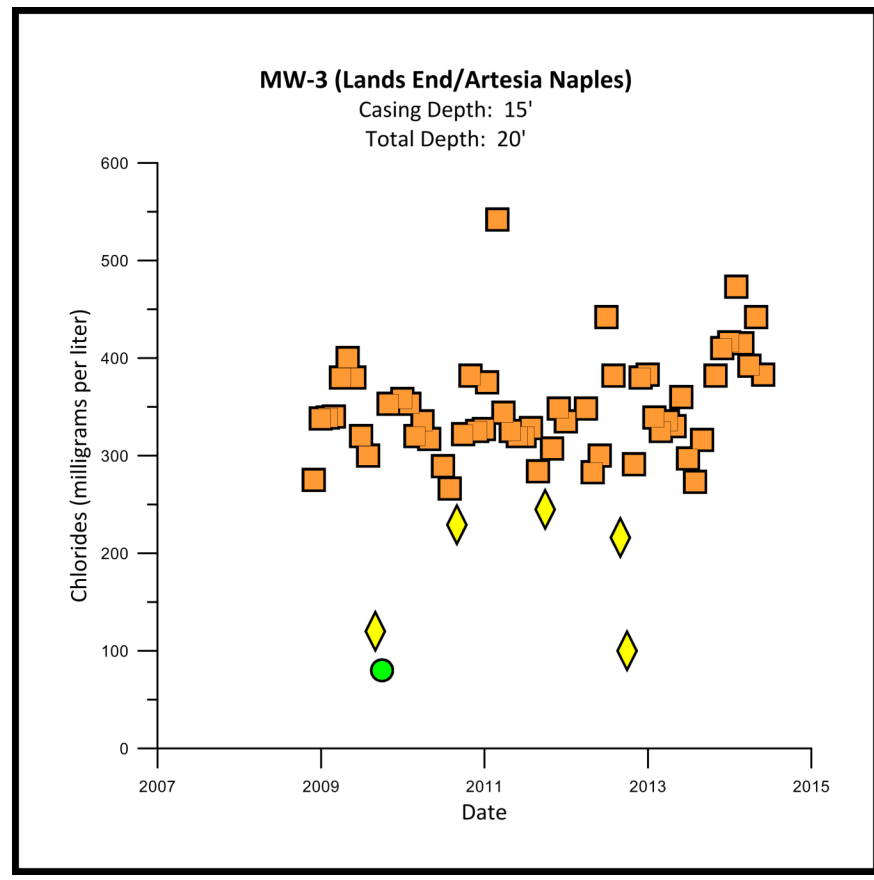
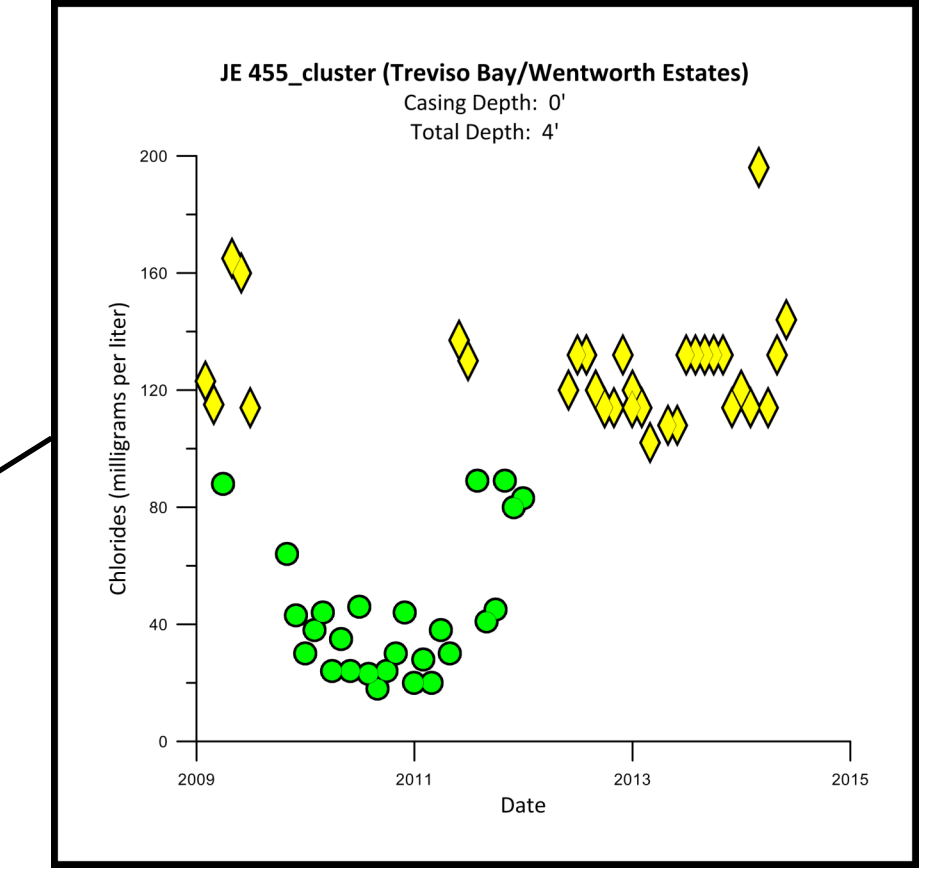
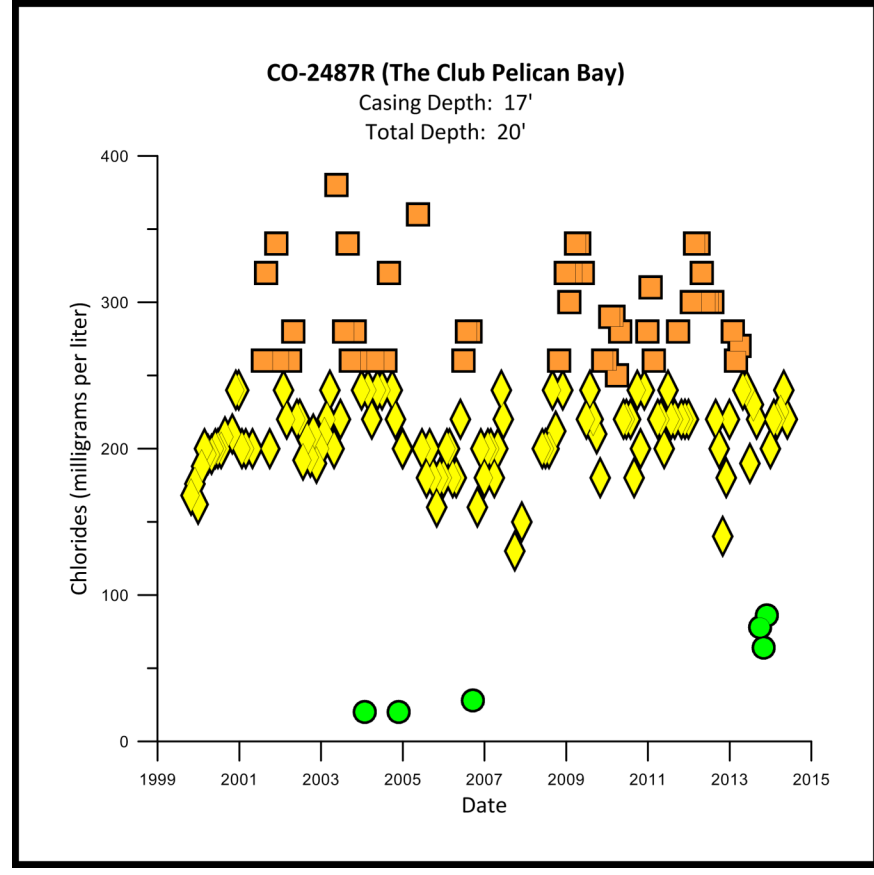
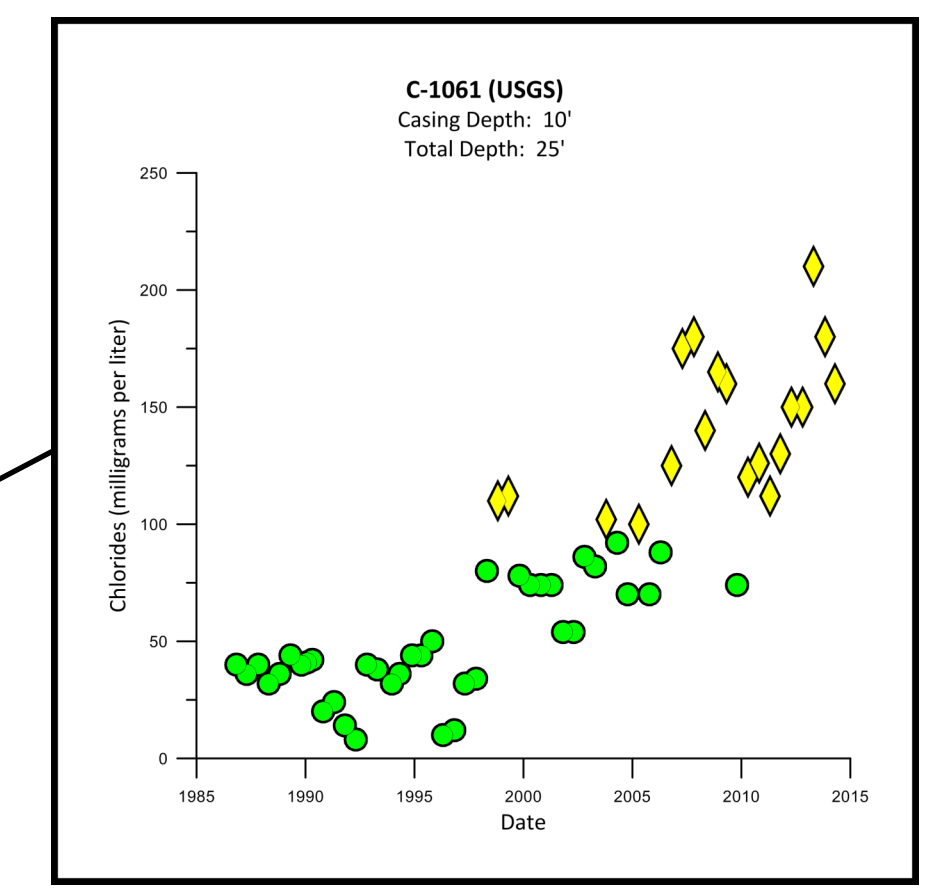
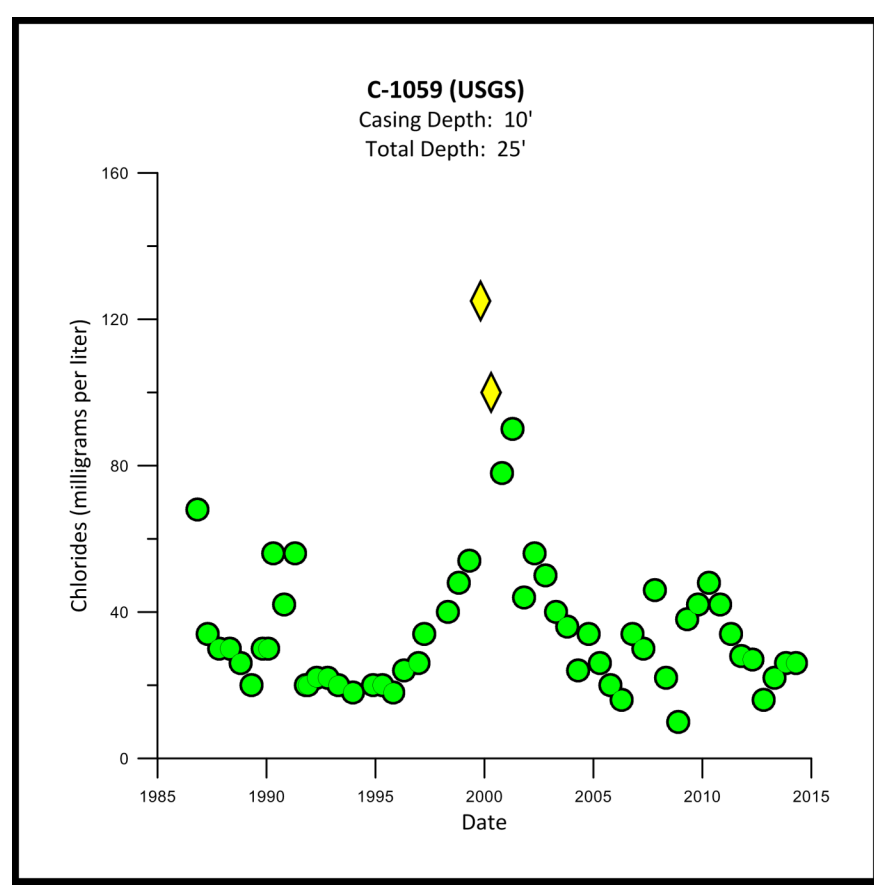


Collier County Estimated Position of the Saltwater Interface Water Table Aquifer March/April/May 2014



Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet)	Total Depth (feet)	Average Chloride (mg/L)
150	NA	USGS 261604081480901	C-1059	393246	704337	10	25	26
154	NA	USGS 261331081480101	C-1061	393838	686944	10	25	160
169	139.075	GOLDEN GATE WATER TREATMENT FACILITY	MW-A	428513	671845	19	22	97
170	139.075	GOLDEN GATE WATER TREATMENT FACILITY	MW-B	428513	671873	42	45	136
219	NA	USGS 260137081375901	C-1063	448406	616993	10	55	68
257	NA	USGS 261347081351201	C-453	463023	689795	12	40	15
853	NA	DBHYDRO	SGT5W1	465638	591410	6	16	21,728
854	NA	DBHYDRO	SGT5W2	481300	587852	10	20	15,745
855*	NA	DBHYDRO	C-1062_G	394636	686970	10	24	79
855*	NA	DBHYDRO	SGT5W3	496599	538843	10	20	17,645
883*	28.185	SIX 1/2 FARM #7	58 (MW-2 21-4)	454853	613275	30	32	80
884*	28.186	SIX 1/2 FARM #7	69 (MW-2 21-8)	455246	610564	20	31	140
890*	30.958	THE DUNES	1	388067	706545	10	20	159
894*	32.182	VILLAS AT GREENWOOD LAKE	PW-1	416417	647160	15	30	44
901*	112.030	OLD COLLIER GOLF CLUB	MW-2	392000	708100	7	10	10
902*	112.032	OLD COLLIER GOLF CLUB	MW-4	393400	706750	7	10	117
903*	112.033	OLD COLLIER GOLF CLUB	MW-5	392500	707000	7	10	250
904*	112.034	OLD COLLIER GOLF CLUB	MW-6	389850	707000	7	10	36
905*	112.035	OLD COLLIER GOLF CLUB	MW-7	389700	707600	7	10	3,419
924*	139.313	QUAIL CREEK COUNTRY CLUB	CCCC-109	418914	716200	13	15	56
926*	139.313	QUAIL CREEK COUNTRY CLUB	CCCC-111	418711	716215	13	15	56
928*	139.315	QUAIL CREEK COUNTRY CLUB	CCCC-113	415009	711645	8	10	167

Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet)	Total Depth (feet)	Average Chloride (mg/L)
935*	139.784	NAPLES MEMORIAL GARDENS	MW-3	388987	705615	5	15	184
938*	144.936	IMPERIAL WILDERNESS CONDOMINIUM ASSOCIATION	MW-1	486575	620420	37	47	60
939*	145.295	THE CLUB PELICAN BAY	CO-2485	399966	689004	10	13	260
940*	145.297	THE CLUB PELICAN BAY	CO-2486	389891	695335	10	13	267
941*	145.299	THE CLUB PELICAN BAY	CO-2487R	391408	686288	17	20	228
942*	145.301	THE CLUB PELICAN BAY	CO-2570	391235	693272	9	24	197
943*	145.303	THE CLUB PELICAN BAY	CO-2572	391602	694167	9	19	223
944*	145.305	THE CLUB PELICAN BAY	HW-1	391039	693258	18	20	200
945*	145.306	THE CLUB PELICAN BAY	HW-2	391401	694162	18	20	222
946*	147.834	FIDDLERS CREEK	Monitoring Well MW-1	440082	614142	10	20	313
947*	147.837	FIDDLERS CREEK	Monitoring Well MW-2	439730	613635	10	20	95
948*	147.838	FIDDLERS CREEK	Monitoring Well MW-3	438491	613706	8	20	32
949*	147.839	FIDDLERS CREEK	Monitoring Well MW-4	439167	613171	10	20	65
950*	147.840	FIDDLERS CREEK	Monitoring Well MW-5	438815	613794	10	20	156
951*	147.841	FIDDLERS CREEK	Monitoring Well MW-6	442250	613523	7	17	161
952*	147.842	FIDDLERS CREEK	Monitoring Well MW-7	447198	612101	7	17	287
953*	147.843	FIDDLERS CREEK	Monitoring Well MW-8	435674	617004	10	20	84
954*	147.844	FIDDLERS CREEK	Monitoring Well MW-9	435689	622619	10	23	70
955*	147.845	FIDDLERS CREEK	Monitoring Well MW-10	441181	618649	10	20	43
956*	147.846	FIDDLERS CREEK	Monitoring Well MW-11	443251	617466	10	20	60
961*	150.796	NAPLES BOTANICAL GARDEN	PW-1	403906	645516	13	20	143
962*	150.797	NAPLES BOTANICAL GARDEN	PW-2	402517	645521	15	25	200

Map Number	SFWMD Facility ID	Project Name	Well Name	X	Y	Casing Depth (feet)	Total Depth (feet)	Average Chloride (mg/L)
963*	150.798	NAPLES BOTANICAL GARDEN	PW-3	402991	645926	8	18	190
967*	155.618	ARTESIA NAPLES	MW-1	421662	625479	15	20	171
968*	155.622	ARTESIA NAPLES	MW-3	418897	625569	15	20	406
969*	155.623	ARTESIA NAPLES	MW-4	420450	626553	15	20	105
971*	185.583	COLLIER'S RESERVE	A	396253	709559	0	15	51
972*	185.584	COLLIER'S RESERVE	B	394607	707460	0	15	174
973*	188.842	COPPER COVE PRESERVE	PW-1	431427	620119	10	23	114
974*	192.178	SILVER LAKES RV RESORT & GOLF CLUB	1	428020	620390	15	20	300
977*	214.744	AUDUBON COUNTRY CLUB	MW-1	386796	722291	25	35	105
978*	219.870	ARTESIA NAPLES	MW-5R	421886	627278	5	5	211
979*	219.872	ARTESIA NAPLES	MW-7	422715	627575	1	5	201
982*	224.402	TWIN EAGLES	SNW-1	449242	715056	2	10	41
983*	224.403	TWIN EAGLES	SNW-3	450411	707739	2	10	27
984*	224.935	TREVISO BAY	JE_455_cluster	414559	630429	0	4	4,500
985*	224.947	TREVISO BAY	JE_455_cluster	418891	630481	0	4	130
986*	227.364	NAPLES BOTANICAL GARDEN	PW-4	402075	645839	29	24	160
987*	227.368	NAPLES BOTANICAL GARDEN	PW-5	403021	645807	18	25	115
988*	252.511	THE STRAND MASTER PROPERTY OWNERS ASSOCIATION	WT-1	410249	714732	14	30	69
989*	252.512	THE STRAND MASTER PROPERTY OWNERS ASSOCIATION	WT-2	409161	714851	14	30	68
1003*	261.563	TREVISO BAY	JE455	412188	638631	3	5	423
1004*	261.565	TREVISO BAY	JE457	415852	639886	0	4	449
1007*	262.551	THE CLUB AT MEDITERRA	WT-3	404500	718815	19	22	39

NA = Not Applicable
* These wells were sampled outside of the March/April/May time frame.
† These wells may have less analytical precision.

* These wells may have less analytical precision.

* These wells may have less analytical precision.

Structures

- Culvert
- Lock
- Pump
- Spillway
- Weir

PWS† Chlorides

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

Wells

- 433 (3900) Map Number (chloride)

Non-PWS† Chlorides

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

† PWS = Public Water Supply

- Wellfields in the Water Table Aquifer
- Wellfields in Other Aquifers
- Saline Water Bodies
- Freshwater Bodies
- Mangrove and Saltwater Marsh
- Roads
- Estimated 250 mg/L isochlor, 2009 (updated)
- Estimated 250 mg/L isochlor, 2014

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 March/April/May 2014. 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 in groundwater and/or the farthest inland extent of saline surface water. The dashed red line corresponds to 2014 data, and the dashed blue line corresponds to 2009 data (updated in 2014/2015 to incorporate new and corrected data, as well as a better understanding of the saline surface water).



Hydrogeology Unit

DISCLAIMER:

This map is a conceptual tool utilized for project development and implementation only. This map is not self-executing or binding, and does not otherwise affect the interests of any person including any vested rights or existing uses of real property. Any information, including but not limited to maps and data, received from the SFWMD is provided "as is" without any warranty, and the SFWMD expressly disclaims all express and implied warranties of merchantability and fitness for a particular purpose. The District does not make any representations regarding the use, or the results of the use, of the information provided to you by the District.