



MEAS NO.	SITE DESCRIPTION	LATITUDE (N)	LONGITUDE (W)	TIME	TEMP (°C)	pH	DO (mg/L)	SC (µs)	SALINITY (PSU)	NOTES
1	SA Bay at Grassy Point	28 24 1.2	96 46 46.1	11:54	8.8	8.1	10.4	26,170	15.92	
2	SA Bay at Marsh Point	28 24 54.4	96 45 49.3	12:01	9.6	8.1	10.8	31,850	19.90	
3	Guadalupe Bay at Pipe No. 1	28 25 35.8	96 45 29.2	12:07	9.3	8.1	9.8	41,452	26.40	
4	Guadalupe Bay at Redfish Bayou	28 25 44.1	96 46 16.1	12:15	9.8	8.2	10.5	15,220	9.40	
5	Guadalupe Bay at Pipe No. 2	28 26 15.0	96 46 7.9	12:32	9.5	8.3	10.5	28,650	17.62	
6	Guadalupe Bay at South Fork	28 26 51.4	96 47 7.2	12:30	11.3	8.2	8.9	33,496	22.50	Measured 3.2 PSU at surface
7	South Fork Guadalupe River	28 26 50.3	96 47 10.3	12:47	13.7	8.2	8.2	487	0.24	
8	Mission Lake Sonde	28 27 36.6	96 47 51.4	13:03	11.0	8.2	11.0	15,550	9.15	Highly variable salinity
9	Mission Lake	28 27 55.7	96 47 47.8	13:10	9.9	8.2	11.1	16,133	9.47	
10	Hurricane Pass	28 27 14.4	96 46 52.3	13:16	11.1	8.2	9.7	34,508	21.71	
11	Barge Canal above Hurricane Pass	28 27 30.5	96 47 6.2	13:20	12.5	8.1	9.2	38,883	24.82	
12	SA Bay at Seadrift	28 24 24.9	96 42 44.8	13:40	11.2	8.3	9.3	42,201	27.01	
13	Falcon Point Lodge	28 22 12.4	96 42 1.3	14:13	10.7	8.3	10.3	43,495	27.95	
14	Mosquito Point	28 20 43.2	96 42 27.2	14:17	10.1	8.2	10.2	47,059	30.52	
15	Mosquito Point to Webb Point (1/4 across)	28 20 38.2	96 43 48.3	14:25	10.3	8.3	10.1	44,129	28.36	
16	Mosquito Point to Webb Point (1/2 across)	28 20 4.4	96 44 53.4	14:30	10.2	8.3	10.0	42,174	26.99	
17	Mosquito Point to Webb Point (3/4 across)	28 19 42.4	96 45 52.2	14:36	10.1	8.3	10.0	40,811	26.02	
18	Webb Point	28 19 22.7	96 47 5.3	14:41	10.1	8.3	10.3	35,469	22.30	
19	Hoppers Landing	28 20 54.0	96 47 21.1	14:51	9.0	8.2	10.2	36,186	22.77	
20	McDowell Point	28 21 57.7	96 47 44.4	14:57	8.5	8.2	10.9	33,866	21.13	
21	McDowell to Austwell	28 22 48.8	96 49 10.4	15:02	8.3	8.3	11.2	30,209	18.63	
22	Hynes Bay at Austwell Pier	28 23 31.2	96 50 11.7	15:08	8.4	8.3	11.5	27,027	16.53	



**SALINITY MEASUREMENT DATA**  
SAN ANTONIO BAY

DATE: 11/14/2014  
 FIELD CREW: DA, CH  
 AVG. DAILY FLOW AT USGS TIVOLI GAUGE: 1320 CFS