Appendix A-5. Radium and radon isotope data for August 2002 and June 2003.

Station Name	Sample Location	Latitude N	Longitude W	Date	^{223}Ra (dpm/100L)	^{224}Ra (dpm/100L)	$^{223/224}$Ra (dpm/100L)	^{222}Rn (dpm/L)
Waldin West	G-3615 GW	25.500	-80.386	Aug-02	ns	ns	ns	940.00
Coconut Palm	G-3613 GW	25.537	-80.365	Jun-03	183.9539	701.1389	0.2624	ns
Black Point Inshore	BPI-1A GW	25.526	-80.330	Aug-02	87.4246	174.9620	0.4997	100.00
Black Point Inshore	BPI-1A GW	25.526	-80.330	Jun-03	146.2576	282.2963	0.5181	ns
Black Point	BkP-1A GW	25.526	-80.324	Aug-02	ns	ns	ns	ns
Black Point	BkP-1A GW	25.526	-80.324	Jun-03	205.6494	442.1031	0.4652	ns
Mid Bay -1B	MB-1B GW	25.484	-80.267	Aug-02	134.2317	372.9585	0.3599	310.00
Mid Bay -1B	MB-1B GW	25.484	-80.267	Jun-03	59.7298	95.5452	0.6251	ns
Billy's Point -1A	ByP-1A GW	25.428	-80.212	Aug-02	148.7208	396.0486	0.3755	ns
Billy's Point -1A	ByP-1A GW	25.428	-80.212	Jun-03	350.9743	871.6261	0.4027	ns
Petrel Point -1A	PP-1A GW	25.415	-80.204	Aug-02	171.2744	424.6765	0.4033	230.00
Petrel Point -1A	PP-1A GW	25.415	-80.204	Jun-03	243.3771	239.0409	1.0181	ns
Alina's Reef -1A	AR-1A GW	25.386	-80.163	Aug-02	12.1096	204.1080	0.0593	390.00
Alina's Reef -1A	AR-1A GW	25.386	-80.163	Jun-03	223.4845	147.9601	1.5104	ns
Pacific Reef -1A	PR-1A GW	25.371	-80.142	Aug-02	128.0227	155.2491	0.8246	250.00
Pacific Reef -1A	PR-1A GW	25.371	-80.142	Jun-03	114.7479	49.4262	2.3216	ns
Black Point Inshore	BPI-SW	25.526	-80.330	Aug-02	2.5790	3.4504	0.7475	ns
Black Point Inshore	BPI-SW	25.526	-80.330	Jun-03	17.0601	42.3151	0.4032	ns
Black Point	BkP-SW	25.526	-80.324	Aug-02	ns	ns	ns	ns
Black Point	BkP-SW	25.526	-80.324	Jun-03	8.9059	13.4043	0.6644	ns
Mid Bay	MB-SW	25.484	-80.267	Aug-02	6.4150	14.1839	0.4523	ns
Mid Bay	MB-SW	25.484	-80.267	Jun-03	7.9897	6.0647	1.3174	ns
Billy's Point	ByP-SW	25.428	-80.212	Aug-02	0.1990	1.6618	0.1197	ns
Billy's Point	ByP-SW	25.428	-80.212	Jun-03	3.5900	9.5784	0.3748	ns
Petrel Point	PP-SW	25.415	-80.204	Aug-02	0.8638	3.7956	0.2276	ns
Petrel Point	PP-SW	25.415	-80.204	Jun-03	1.1018	4.3289	0.2545	ns
Alina's Reef	AR-SW	25.386	-80.163	Aug-02	ns	ns	ns	ns
Alina's Reef	AR-SW	25.386	-80.163	Jun-03	0.4784	9.0291	0.0530	ns
Pacific Reef	PR-SW	25.371	-80.142	Aug-02	0.0426	1.0562	0.0404	ns
Pacific Reef	PR-SW	25.371	-80.142	Jun-03	0.1066	1.1217	0.0950	ns

note: half lives are: ^{223}Ra = 11.4 days; ^{224}Ra = 3.7 days; ^{222}Rn = 3.8 days; ns = no sample