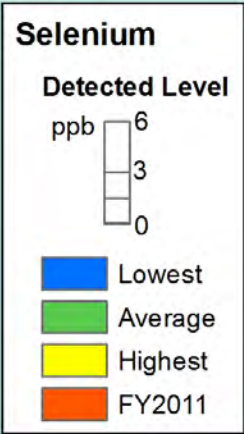
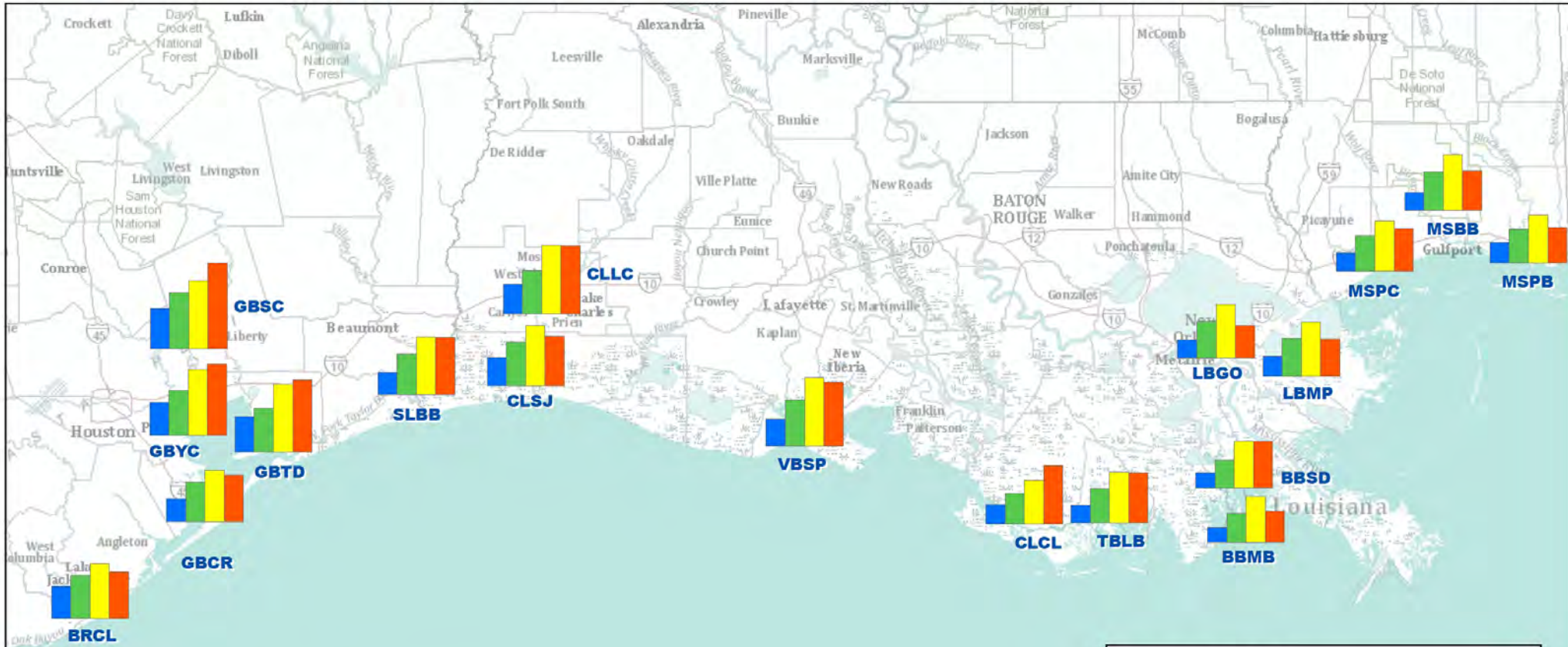




Comparison of Selenium Levels at Mussel Watch Sites Before and After the Deepwater Horizon Oil Spill



Office of Crisis Management
Emergency Operations Center



Samples taken from oyster tissue. Lowest, average, and highest detected levels from available data FY1986 - FY2009. No samples were analyzed in FY2010. Levels measured in $\mu\text{g/g}$ dry. To avoid overlap and increase readability, station locations on the map may vary slightly from the actual location.

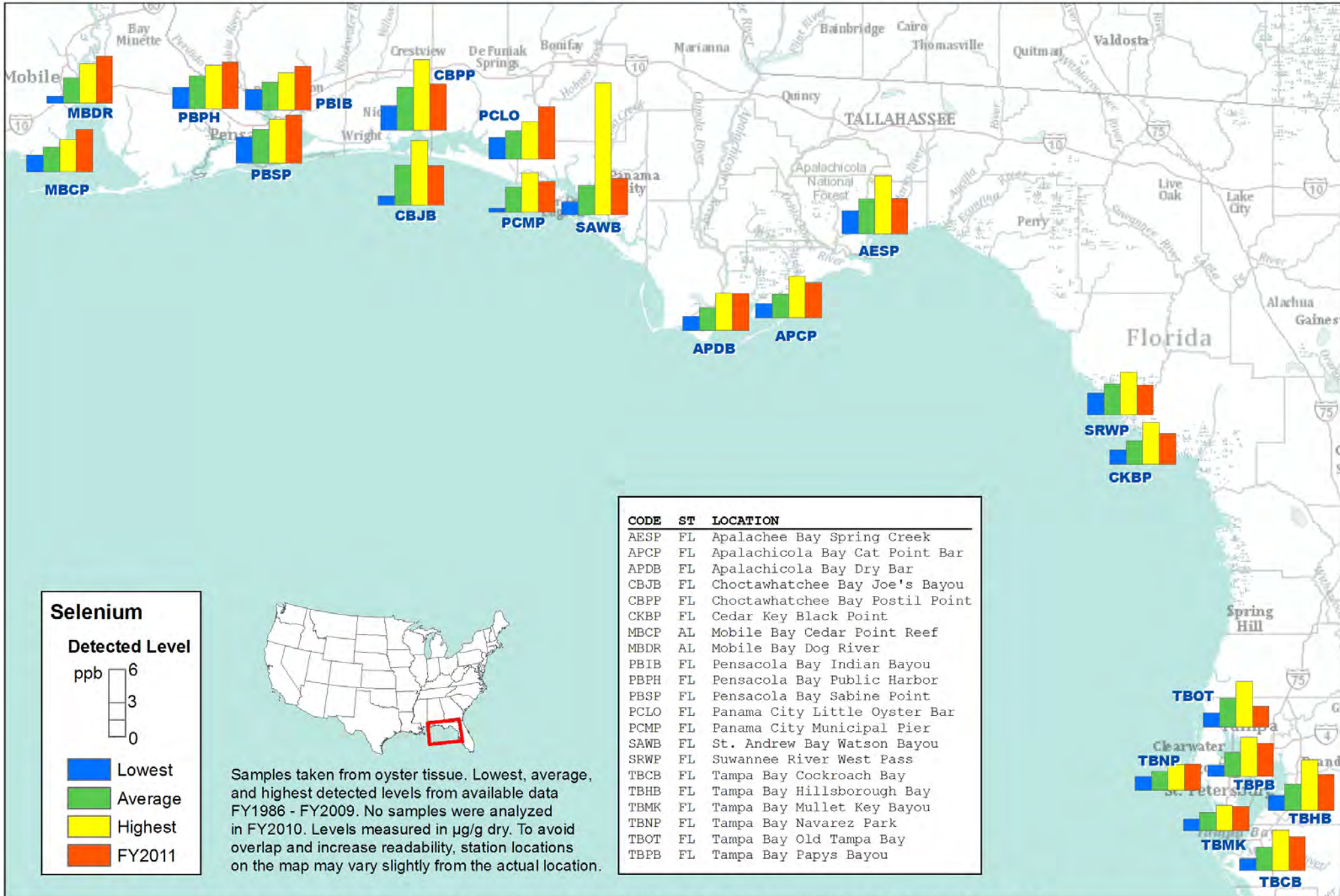
CODE	ST	LOCATION
BBMB	LA	Barataria Bay Middle Bank
BBSD	LA	Barataria Bay Bayou Saint Denis
BRCL	TX	Brazos River Cedar Lakes
CLCL	LA	Caillou Lake Caillou Lake
CLLC	LA	Calcasieu Lake Lake Charles
CLSJ	LA	Calcasieu Lake St. Johns Island
GBCR	TX	Galveston Bay Confederate Reef
GBSC	TX	Galveston Bay Ship Channel
GBTJ	TX	Galveston Bay Todd's Dump
GBYC	TX	Galveston Bay Yacht Club
LBGO	LA	Lake Borgne Gulf Outlet
LBMP	LA	Lake Borgne Malheureux Point
MSBB	MS	Mississippi Sound Biloxi Bay
MSPB	MS	Mississippi Sound Pascagoula Bay
MSPC	MS	Mississippi Sound Pass Christian
SLBB	LA	Sabine Lake Blue Buck Point
TBLB	LA	Terrebonne Bay Lake Barre
VBSB	LA	Vermilion Bay Southwest Pass



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Comparison of **Selenium** Levels at Mussel Watch Sites
Before and After the Deepwater Horizon Oil Spill

NST Site	General Location	Specific Location	Latitude	Longitude	Matrix	Units	Lowest		Average Level	Highest		FY2011 Level
							Year	Level		Year	Level	
AESP	Apalachee Bay	Spring Creek	30.063	-84.322	TIS	µg/g dry	FY2005	2.190	3.248	FY2007	5.410	3.300
APCP	Apalachicola Bay	Cat Point Bar	29.724	-84.884	TIS	µg/g dry	FY2001	1.320	2.211	FY2007	3.840	3.260
APDB	Apalachicola Bay	Dry Bar	29.673	-85.066	TIS	µg/g dry	FY1986	1.300	2.139	FY1988	3.460	3.450
BBMB	Barataria Bay	Middle Bank	29.277	-89.942	TIS	µg/g dry	FY1986	1.200	2.291	FY1988	3.680	2.500
BBSD	Barataria Bay	Bayou Saint Denis	29.405	-89.999	TIS	µg/g dry	FY1986	1.200	2.166	FY1988	3.687	3.690
BRCL	Brazos River	Cedar Lakes	28.858	-95.465	TIS	µg/g dry	FY1992	2.580	3.418	FY1997	4.380	3.700
CBJB	Choctawhatchee Bay	Joe's Bayou	30.411	-86.491	TIS	µg/g dry	FY2002	0.878	3.738	FY1997	6.040	3.670
CBPP	Choctawhatchee Bay	Postil Point	30.482	-86.479	TIS	µg/g dry	FY1990	2.273	3.971	FY1991	6.567	4.330
CKBP	Cedar Key	Black Point	29.207	-83.070	TIS	µg/g dry	FY1993	1.340	2.165	FY1989	3.890	2.870
CLCL	Caillou Lake	Caillou Lake	29.253	-90.927	TIS	µg/g dry	FY1986	1.533	2.440	FY2007	3.500	4.630
CLLC	Calcasieu Lake	Lake Charles	30.059	-93.308	TIS	µg/g dry	FY1990	2.343	3.399	FY1998	5.400	5.390
CLSJ	Calcasieu Lake	St. Johns Island	29.829	-93.384	TIS	µg/g dry	FY1987	2.240	3.445	FY2007	4.750	3.930
GBCR	Galveston Bay	Confederate Reef	29.263	-94.916	TIS	µg/g dry	FY1995	1.815	3.120	FY1999	4.060	3.720
GBSC	Galveston Bay	Ship Channel	29.705	-94.993	TIS	µg/g dry	FY2001	3.190	4.478	FY1994	5.390	6.790
GBTD	Galveston Bay	Todd's Dump	29.503	-94.896	TIS	µg/g dry	FY1994	2.780	3.463	FY2007	5.370	5.720
GBYC	Galveston Bay	Yacht Club	29.622	-94.996	TIS	µg/g dry	FY1990	2.653	3.574	FY2007	5.280	5.670
LBGO	Lake Borgne	Gulf Outlet	29.945	-89.835	TIS	µg/g dry	FY2002	1.450	2.897	FY1988	4.253	2.550
LBMP	Lake Borgne	Malheureux Point	29.867	-89.679	TIS	µg/g dry	FY2002	1.600	3.003	FY1988	4.327	2.990
MBCP	Mobile Bay	Cedar Point Reef	30.316	-88.134	TIS	µg/g dry	FY2002	1.530	2.272	FY1991	3.000	3.940
MBDR	Mobile Bay	Dog River	30.592	-88.040	TIS	µg/g dry	FY2002	0.688	2.369	FY1998	3.680	4.390
MSBB	Mississippi Sound	Biloxi Bay	30.393	-88.858	TIS	µg/g dry	FY2002	1.400	3.020	FY1998	4.390	3.140
MSPB	Mississippi Sound	Pascagoula Bay	30.336	-88.589	TIS	µg/g dry	FY2002	1.680	2.694	FY1991	3.800	2.830
MSPC	Mississippi Sound	Pass Christian	30.302	-89.327	TIS	µg/g dry	FY2002	1.440	2.808	FY2008	4.000	3.370
PBIB	Pensacola Bay	Indian Bayou	30.517	-87.112	TIS	µg/g dry	FY2002	1.930	2.562	FY1998	3.460	4.080
PBPH	Pensacola Bay	Public Harbor	30.414	-87.191	TIS	µg/g dry	FY2002	2.000	3.049	FY1998	4.040	4.330
PBSP	Pensacola Bay	Sabine Point	30.350	-87.155	TIS	µg/g dry	FY1993	2.440	3.161	FY2004	4.070	4.450
PCLO	Panama City	Little Oyster Bar	30.251	-85.681	TIS	µg/g dry	FY2003	2.010	2.619	FY1995	3.454	4.890
PCMP	Panama City	Municipal Pier	30.151	-85.663	TIS	µg/g dry	FY2001	0.417	2.373	FY1997	3.690	2.900
SAWB	St. Andrew Bay	Watson Bayou	30.143	-85.632	TIS	µg/g dry	FY1986	1.200	2.694	FY2007	12.200	3.380
SLBB	Sabine Lake	Blue Buck Point	29.791	-93.906	TIS	µg/g dry	FY2001	1.810	3.254	FY1997	4.600	4.570
SRWP	Suwannee River	West Pass	29.329	-83.174	TIS	µg/g dry	FY2005	2.020	2.859	FY2007	3.960	2.770
TBCB	Tampa Bay	Cockroach Bay	27.681	-82.518	TIS	µg/g dry	FY1986	1.133	2.156	FY2006	3.750	3.120
TBHB	Tampa Bay	Hillsborough Bay	27.855	-82.395	TIS	µg/g dry	FY1988	1.380	2.426	FY2006	4.670	3.310
TBLB	Terrebonne Bay	Lake Barre	29.260	-90.594	TIS	µg/g dry	FY1986	1.400	2.710	FY1988	4.030	3.960
TBMK	Tampa Bay	Mullet Key Bayou	27.621	-82.727	TIS	µg/g dry	FY2002	1.070	1.697	FY2004	2.350	2.230
TBNP	Tampa Bay	Navarez Park	27.787	-82.754	TIS	µg/g dry	FY1993	1.270	1.763	FY2006	2.400	2.440
TBOT	Tampa Bay	Old Tampa Bay	28.024	-82.633	TIS	µg/g dry	FY2002	1.340	2.666	FY2004	4.210	1.920
TBPB	Tampa Bay	Papys Bayou	27.844	-82.612	TIS	µg/g dry	FY2002	1.090	2.238	FY2004	3.660	3.100
VBSP	Vermilion Bay	Southwest Pass	29.580	-92.051	TIS	µg/g dry	FY2001	2.120	3.621	FY1988	5.417	5.040

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