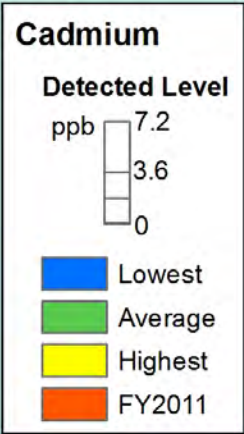
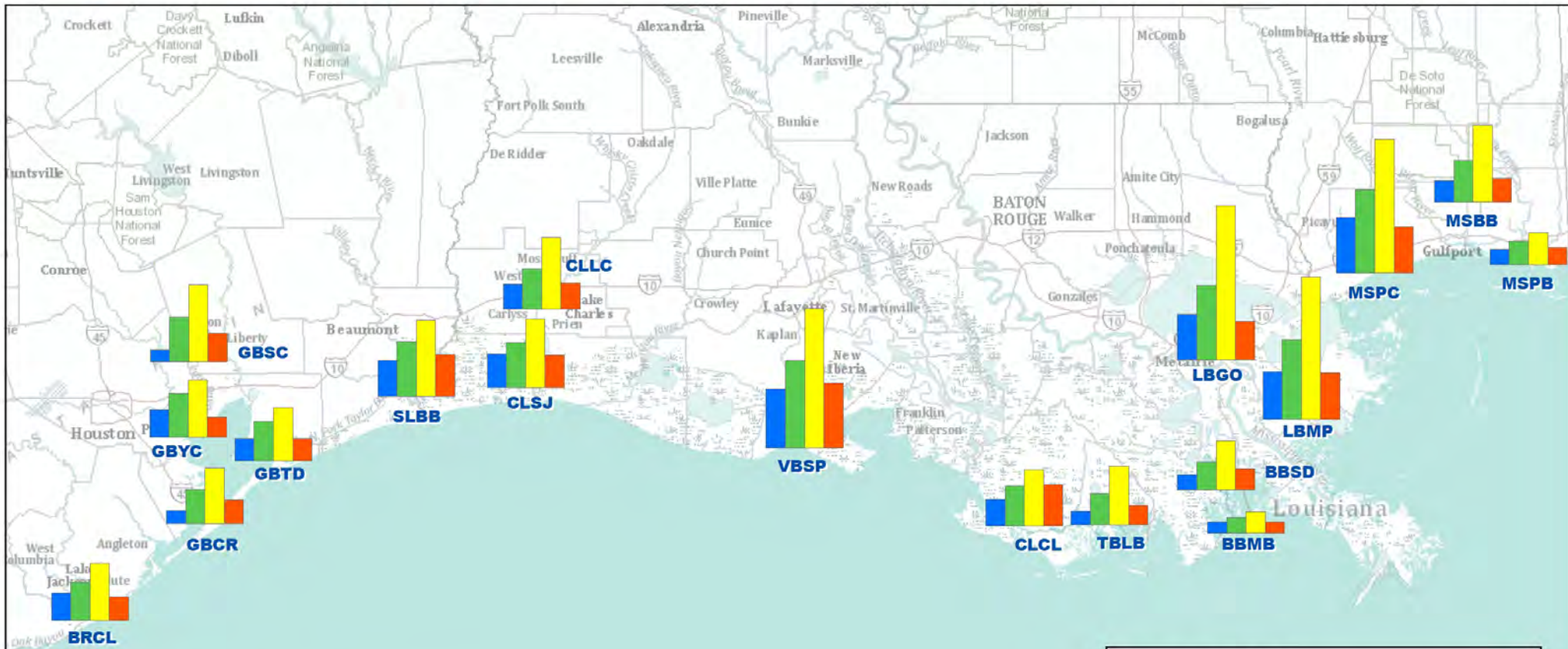




# Comparison of Cadmium Levels at Mussel Watch Sites Before and After the Deepwater Horizon Oil Spill



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.

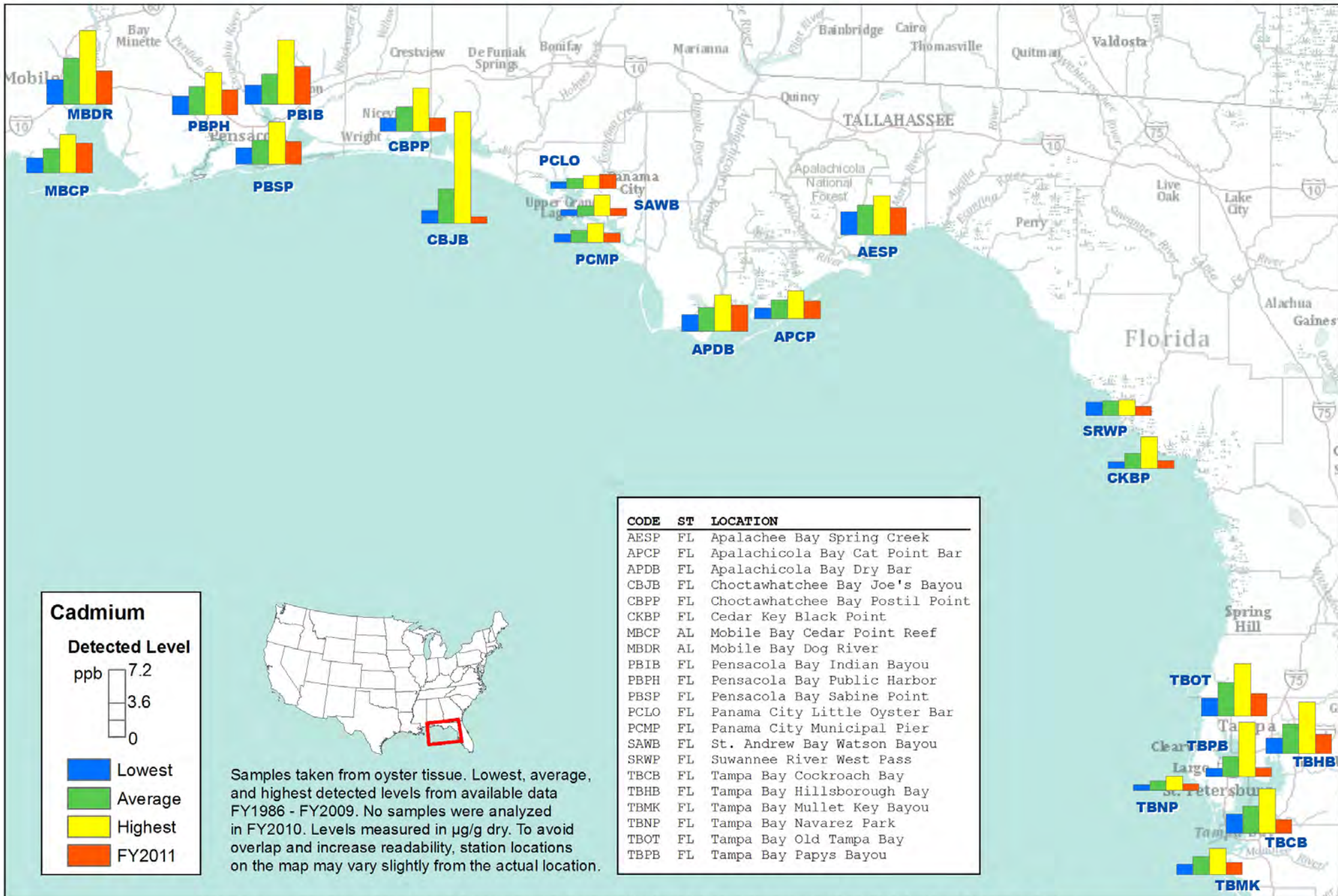
CODE	ST	LOCATION
BBMB	LA	Barataria Bay Middle Bank
BBSD	LA	Barataria Bay Bayou Saint Denis
BRCL	TX	Brazos River Cedar Lakes
CLCL	LA	Caillou Lake Caillou Lake
CLLC	LA	Calcasieu Lake Lake Charles
CLSJ	LA	Calcasieu Lake St. Johns Island
GBCR	TX	Galveston Bay Confederate Reef
GBSC	TX	Galveston Bay Ship Channel
GBTD	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
VBSP	LA	Vermilion Bay Southwest Pass



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



Office of Crisis Management  
Emergency Operations Center



Comparison of **Cadmium** 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	2.560	3.277	FY1997	4.310	3.010
APCP	Apalachicola Bay	Cat Point Bar	29.724	-84.884	TIS	µg/g dry	FY2009	1.150	2.020	FY1995	3.014	1.950
APDB	Apalachicola Bay	Dry Bar	29.673	-85.066	TIS	µg/g dry	FY2009	1.820	2.618	FY1991	3.970	2.900
BBMB	Barataria Bay	Middle Bank	29.277	-89.942	TIS	µg/g dry	FY2001	1.020	1.401	FY1990	1.967	1.020
BBSD	Barataria Bay	Bayou Saint Denis	29.405	-89.999	TIS	µg/g dry	FY2005	1.430	2.546	FY1988	4.583	1.990
BRCL	Brazos River	Cedar Lakes	28.858	-95.465	TIS	µg/g dry	FY2001	2.580	3.586	FY2003	5.390	2.210
CBJB	Choctawhatchee Bay	Joe's Bayou	30.411	-86.491	TIS	µg/g dry	FY1996	1.460	3.752	FY2008	12.200	0.738
CBPP	Choctawhatchee Bay	Postil Point	30.482	-86.479	TIS	µg/g dry	FY1987	1.503	2.708	FY1990	4.753	1.470
CKBP	Cedar Key	Black Point	29.207	-83.070	TIS	µg/g dry	FY1999	0.721	1.662	FY1988	3.507	0.907
CLCL	Caillou Lake	Caillou Lake	29.253	-90.927	TIS	µg/g dry	FY2001	2.500	3.784	FY1989	5.247	3.870
CLLC	Calcasieu Lake	Lake Charles	30.059	-93.308	TIS	µg/g dry	FY1993	2.340	3.778	FY2003	6.710	2.440
CLSJ	Calcasieu Lake	St. Johns Island	29.829	-93.384	TIS	µg/g dry	FY2009	3.150	4.183	FY1998	6.390	3.020
GBCR	Galveston Bay	Confederate Reef	29.263	-94.916	TIS	µg/g dry	FY1995	1.192	3.188	FY1989	5.197	2.210
GBSC	Galveston Bay	Ship Channel	29.705	-94.993	TIS	µg/g dry	FY2009	1.130	4.179	FY1991	7.185	2.650
GBTD	Galveston Bay	Todd's Dump	29.503	-94.896	TIS	µg/g dry	FY2009	2.070	3.688	FY1992	4.980	2.070
GBYC	Galveston Bay	Yacht Club	29.622	-94.996	TIS	µg/g dry	FY2009	2.590	4.107	FY1990	5.383	1.890
LBGO	Lake Borgne	Gulf Outlet	29.945	-89.835	TIS	µg/g dry	FY2009	4.220	6.950	FY1995	14.362	3.540
LBMP	Lake Borgne	Malheureux Point	29.867	-89.679	TIS	µg/g dry	FY2009	4.460	7.435	FY1998	13.300	4.350
MBCP	Mobile Bay	Cedar Point Reef	30.316	-88.134	TIS	µg/g dry	FY2008	1.670	2.666	FY1998	4.170	3.240
MBDR	Mobile Bay	Dog River	30.592	-88.040	TIS	µg/g dry	FY2000	2.720	5.015	FY1998	8.060	3.650
MSBB	Mississippi Sound	Biloxi Bay	30.393	-88.858	TIS	µg/g dry	FY2008	1.990	3.838	FY1993	7.190	2.230
MSPB	Mississippi Sound	Pascagoula Bay	30.336	-88.589	TIS	µg/g dry	FY2008	1.430	2.202	FY1994	3.010	1.610
MSPC	Mississippi Sound	Pass Christian	30.302	-89.327	TIS	µg/g dry	FY2002	5.170	7.809	FY1998	12.500	4.310
PBIB	Pensacola Bay	Indian Bayou	30.517	-87.112	TIS	µg/g dry	FY2000	2.060	3.284	FY1998	7.000	4.110
PBPH	Pensacola Bay	Public Harbor	30.414	-87.191	TIS	µg/g dry	FY2002	2.050	3.118	FY1998	4.650	2.780
PBSP	Pensacola Bay	Sabine Point	30.350	-87.155	TIS	µg/g dry	FY2000	1.830	2.661	FY1998	4.630	2.510
PCLO	Panama City	Little Oyster Bar	30.251	-85.681	TIS	µg/g dry	FY2001	0.735	1.135	FY1994	1.470	1.590
PCMP	Panama City	Municipal Pier	30.151	-85.663	TIS	µg/g dry	FY2003	0.916	1.310	FY1989	2.093	1.030
SAWB	St. Andrew Bay	Watson Bayou	30.143	-85.632	TIS	µg/g dry	FY1992	0.660	1.077	FY1999	2.240	0.798
SLBB	Sabine Lake	Blue Buck Point	29.791	-93.906	TIS	µg/g dry	FY2009	3.370	5.155	FY1987	7.160	3.950
SRWP	Suwannee River	West Pass	29.329	-83.174	TIS	µg/g dry	FY2009	1.490	1.629	FY1988	1.727	0.988
TBCB	Tampa Bay	Cockroach Bay	27.681	-82.518	TIS	µg/g dry	FY2008	2.080	2.959	FY1989	4.820	1.450
TBHB	Tampa Bay	Hillsborough Bay	27.855	-82.395	TIS	µg/g dry	FY1996	1.700	3.173	FY1998	5.600	2.090
TBLB	Terrebonne Bay	Lake Barre	29.260	-90.594	TIS	µg/g dry	FY1996	1.250	2.895	FY2006	5.440	1.780
TBMK	Tampa Bay	Mullet Key Bayou	27.621	-82.727	TIS	µg/g dry	FY1988	1.183	2.003	FY1990	2.883	1.330
TBNP	Tampa Bay	Navarez Park	27.787	-82.754	TIS	µg/g dry	FY2008	0.648	1.078	FY1996	1.580	0.750
TBOT	Tampa Bay	Old Tampa Bay	28.024	-82.633	TIS	µg/g dry	FY2002	1.970	3.691	FY2006	5.760	2.470
TBPB	Tampa Bay	Papys Bayou	27.844	-82.612	TIS	µg/g dry	FY2002	0.963	2.231	FY1990	5.943	0.975
VBSP	Vermilion Bay	Southwest Pass	29.580	-92.051	TIS	µg/g dry	FY1999	5.480	8.117	FY1997	13.000	6.050

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