

**US WIND  
INDIAN RIVER BAY  
OCTOBER 2017 SEDIMENT SAMPLE RESULTS**

LOCATION	VC-IRB-01	VC-IRB-02	VC-IRB-35*	VC-IRB-03-S1	VC-IRB-03-S2	VC-IRB-04	VC-IRB-05-S1	VC-IRB-05-S2	VC-IRB-06	VC-IRB-07-ALT-S1	VC-IRB-07-ALT-S2	VC-IRB-08-ALT-S1	VC-IRB-08-ALT-S2	VC-IRB-08-ALT-S3					
SAMPLING DATE	10/7/2017	10/7/2017	10/7/2017	10/7/2017	10/7/2017	10/6/2017	10/6/2017	10/6/2017	10/6/2017	10/7/2017	10/7/2017	10/8/2017	10/8/2017	10/8/2017					
LAB SAMPLE ID	L1736278-01	L1736278-02	L1736278-18	L1736278-03	L1736278-04	L1736278-05	L1736278-06	L1736278-07	L1736278-08	L1736278-09	L1736278-10	L1736278-11	L1736278-12	L1736278-13					
SAMPLE TYPE																			
SAMPLE DEPTH (ft.)																			
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
<b>Atterberg Limits</b>																			
Liquid Limit	-		52		70		-	-	40		62		57		60		90		89
Plastic Limit	-		42		56		-	-	30		50		49		48		93		77
Plasticity Index	-		10		14		-	-	10		12		8		12		NP	U	12
<b>Density of Soil</b>																			
Bulk Density		lbs/ft3	90.58		71.79		-	-	91.08		72.17		86.55		77.58		62.19		75.23
Moisture Content		%	113		161		-	-	71.6		176		94.1		135		578		173
Dry Density		lbs/ft3	42.61		27.5		-	-	53.09		26.1		44.59		33.03		9.179		27.52
<b>General Chemistry</b>																			
Solids, Total		%	43.6		33.9		37.3		60		32.6		45.5		41		13.9		32.9
Nitrogen, Ammonia		mg/kg	130		220		180		17		52		150		94		430		280
Phosphorus, Total		mg/kg	530		1100		450		300		550		780		700		740		830
Solids, Ash		%	94		90		-	-	96		83		92		93		43		88
Organic Matter, Total		%	6.1		9.8		-	-	3.7		17		8.2		6.6		57		11
% Soot (Rep 1)		%	0.05	U	0.108		0.607		0.062		0.05	U	0.05	U	0.097		1.36		0.05
% Soot (Rep 2)		%	0.05	U	0.1		0.597		0.065		0.05	U	0.05	U	0.09		1.41		0.05
Moisture		%	56.4		66.1		62.7		40		67.4		54.5		59		66.8		66
Specific Gravity		-	2.27		2.9		-	-	2.58		2.44		2.59		2.44		1.61		2.41
<b>Total Organic Carbon</b>																			
Total Organic Carbon (Rep1)		%	3.24		4.27		4.54		1.62		8.29		4.66		3.04		31.3		6.43
Total Organic Carbon (Rep2)		%	2.63		4.33		4.45		1.94		7.83		3.78		2.86		30.5		6.5
<b>Grain Size Analysis</b>																			
Cobbles		%	0.1	U	0.1	U	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
% Coarse Gravel		%	0.1	U	0.1	U	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
% Fine Gravel		%	1.1		21.7		-	-	1		0.6		0.1	U	0.8		14.3		0.3
% Total Gravel		%	1.1		21.7		-	-	1		0.6		0.1	U	0.8		14.3		0.3
% Coarse Sand		%	7.9		14.9		-	-	2.1		6.2		3.6		22.2		7.8		11.4
% Medium Sand		%	28		11		-	-	20.1		18		9.1		7.2		8.9		12.9
% Fine Sand		%	28.9		10		-	-	44.5		22.8		12.4		15.8		3.8		13.1
% Total Sand		%	64.8		35.9		-	-	66.7		47		25.1		32.6		34.9		33.8
% Silt Fine		%	32.9		35.3		-	-	28.6		45.1		65.5		57.6		49.1		52.6
% Clay Fine		%	1.2		7.1		-	-	3.7		7.3		9.4		9		1.7		13.3
% Total Fines		%	34.1		42.4		-	-	32.3		52.4		74.9		66.6		50.8		65.9
<b>Organochlorine Pesticides by GC</b>																			
alpha-BHC	1.36	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Hexachlorobenzene		mg/kg	0.00088	U	0.00112	U	0.00101	U	0.000621	U	0.00118	U	0.000816	U	0.000892	U	0.00275	U	0.00112
beta-BHC		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
gamma-BHC		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
delta-BHC		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Heptachlor		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Aldrin		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Heptachlor epoxide (B)	0.0006	mg/kg	0.00088	U	0.00112	U	0.00101	U	0.000621	U	0.00118	U	0.000816	U	0.000892	U	0.00275	U	0.00112
Oxychlorane		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
gamma-Chlordane		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
2,4'-DDE		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Endosulfan I	0.00107	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
alpha-Chlordane		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
trans-Nonachlor		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
4,4'-DDE	0.00207	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Dieldrin	0.00072	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
2,4'-DDD		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Endrin	0.00267	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Endosulfan II	0.00107	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
4,4'-DDD	0.00122	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
2,4'-DDT		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
cis-Nonachlor		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Endrin aldehyde		mg/kg	0.00132	U	0.00167	U	0.00151	U	0.000932	U	0.00177	U	0.00122	U	0.00134	U	0.00413	U	0.00168
Endosulfan sulfate		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
4,4'-DDT	0.00119	mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Endrin ketone		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Methoxychlor	0.0296	mg/kg	0.0044	U	0.00558	U	0.00504	U	0.00311	U	0.0059	U	0.00408	U	0.00446	U	0.0138	U	0.0056
Mirex		mg/kg	0.00044	U	0.000558	U	0.000504	U	0.000311	U	0.00059	U	0.000408	U	0.000446	U	0.00138	U	0.00056
Toxaphene	0.536	mg/kg	0.0221	U	0.028	U	0.0253	U	0.0156	U	0.0296	U	0.0205	U	0.0224	U	0.0691	U	0.0281
Chlordane		mg/kg	0.0221	U	0.028	U	0.0253	U	0.0156	U	0.0296	U	0.0205	U	0.0224	U	0.0691	U	0.0281
<b>PAHs by GC/MS-SIM</b>																			
Naphthalene	0.0346	mg/kg	0.00459	J	0.00882	J	0.0104	J	0.00385	J	0.0117	J	0.00381	J	0.00592	J	0.0411	J	0.0104
Acenaphthylene		mg/kg	0.00853	U	0.00203	J	0.000847	J	0.00657	U	0.000924	J	0.0082	U	0.0095	J	0.00375	J	0.000455
Acenaphthene	0.00671	mg/kg	0.00126	J	0.00278	J	0.0021	J	0.00168	J	0.00249	J	0.00162	J	0.				

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LOCATION	VC-IRB-01	VC-IRB-02	VC-IRB-35*	VC-IRB-03-S1	VC-IRB-03-S2	VC-IRB-04	VC-IRB-05-S1	VC-IRB-05-S2	VC-IRB-06	VC-IRB-07-ALT-S1	VC-IRB-07-ALT-S2	VC-IRB-08-ALT-S1	VC-IRB-08-ALT-S2	VC-IRB-08-ALT-S3																	
SAMPLING DATE	10/7/2017	10/7/2017	10/7/2017	10/7/2017	10/7/2017	10/6/2017	10/6/2017	10/6/2017	10/6/2017	10/7/2017	10/7/2017	10/8/2017	10/8/2017	10/8/2017																	
LAB SAMPLE ID	L1736278-01	L1736278-02	L1736278-18	L1736278-03	L1736278-04	L1736278-05	L1736278-06	L1736278-07	L1736278-08	L1736278-09	L1736278-10	L1736278-11	L1736278-12	L1736278-13																	
SAMPLE TYPE																															
SAMPLE DEPTH (ft.)																															
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual													
<b>Total Metals</b>																															
Aluminum, Total		mg/kg	11100		19000		17100		6680		13400		13500		15900		7500		15300		10400		1780		12700		11500		2860		
Antimony, Total		mg/kg	0.102	J	0.142	J	0.148	J	0.063	J	0.082	J	0.072	J	0.148	J	0.274	J	0.139	J	0.157	J	0.402	U	0.198	J	2.28	U	0.382	U	
Arsenic, Total	7.24	mg/kg	5.86		11.8		10.1		4.04		10.6		7.43		10.3		2.95		8.21		5.92		0.502		10.5		5.09		0.761		
Barium, Total		mg/kg	32		59.1		57.4		16.1		119		113		33.5		15.6		35.7		26.5		5.15		30.2		18.3		4.28		
Beryllium, Total		mg/kg	0.734		1.21		1.08		0.42		0.956		0.914		0.606		0.974		0.58		0.066	J	0.645		0.528		0.158				
Cadmium, Total	0.68	mg/kg	0.078	J	0.281		0.267		0.102		0.287		0.141		0.091	J	0.202		0.201		0.05	U	0.223		0.099	J	0.048		U		
Calcium, Total		mg/kg	1390		2590		2330		3740		1170		1520		2390		5950		2860		2440		75.7	J	2540		4880		162		
Chromium, Total	52.3	mg/kg	23.7		44.9		40.9		14.4		27.6		38.2		35.6		18		34.1		23.4		1.72		33.5		26.4		2.32		
Cobalt, Total		mg/kg	5.46		10.5		9.58		5.1		35.8		11.8		8.56		3.76		7.5		4.53		0.424		7.37		4.38		0.579		
Copper, Total	18.7	mg/kg	4.64		14.8		13.2		4.46		5.47		7.96		9.86		3.68		7.96		9.09		0.494	J	10.9		5.29		0.845		
Iron, Total		mg/kg	21200		28900		25400		11700		13500		19400		26100		17200		30500		19400		1440		20800		19600		2470		
Lead, Total	30.2	mg/kg	6.18		17.9		15.8		5.49		6.49		9.68		12.9		3.9		8.65		12.7		1.46		14.3		5.76		2.07		
Magnesium, Total		mg/kg	4080		8190		7290		2670		6300		3170		7460		7540		7150		4810		208		5970		5060		290		
Manganese, Total		mg/kg	107		273		243		75.5		162		231		203		64.1		171		135		10.5		197		85.4		15.8		
Mercury, Total	0.13	mg/kg	0.012	J	0.06		0.052		0.017	J	0.007	J	0.012	J	0.03	J	0.108	U	0.017	J	0.053		0.019	U	0.047		0.096	U	0.003	J	
Nickel, Total	15.9	mg/kg	12.1		23.8		21.1		7.41		16.9		21.7		19		9.92		17.2		11.8		0.917		17.5		13.7		1.38		
Potassium, Total		mg/kg	1780		3400		3040		1170		1830		3250		2020		3090		1960		1960		90.5		2710		2230		129		
Selenium, Total		mg/kg	2.18		4.04		3.66		1.3		4.59		3.02		3.01		1.96	J	2.85		1.79		0.503	U	2.58		2.18	J	0.671		
Silver, Total	0.73	mg/kg	0.029	J	0.119	J	0.105	J	0.031	J	0.3	U	0.031	J	0.061	J	0.719	U	0.047	J	0.1	J	0.126	U	0.094	J	0.714	U	0.119	U	
Sodium, Total		mg/kg	3130		5240		4770		2700		1820		1060		6090		13600		7720		5640		234		3030		10200		282		
Thallium, Total		mg/kg	0.101		0.211		0.172		0.078		0.367		0.175		0.162		0.098	J	0.163		0.117		0.018	J	0.175		0.105	J	0.028	J	
Vanadium, Total		mg/kg	23.6		42.2		36.2		14		31.2		35.7		24.5		35.1		23.2		24.3		2.43		32.2		31.2		3.72		
Zinc, Total	124	mg/kg	35.6		90.8		79.5		27.7		53.3		59.5		62.9		14.2	J	51.2		50		2.53		65.8		23.7		4.45		
<b>Dioxins/Furans</b>																															
2,3,7,8-TCDD		pg/g	0.991	U	1.05	U	1.05	U	1	U	0.996	U	1.01	U	1	U	2.61	U	1.17	U	1.04	U	1	U	0.988	U	2.48	U	0.987	U	
1,2,3,7,8-PeCDD		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,4,7,8-HxCDD		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,6,7,8-HxCDD		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,7,8,9-HxCDD		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	6.49		13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,4,6,7,8-HpCDD		pg/g	4.96	U	67.8		38.3		7.57		4.98	U	21		133		13	U	12.5		5	U	12.8		5	U	66.7		12.4	U	25.7
1,2,3,4,6,7,8,9-OCDD		pg/g	25.2		999		600		110		97		202		2480		64.2		188		224		45		1150		61		492		
2,3,7,8-TCDF		pg/g	0.991	U	1.15		1.05	U	1	U	0.996	U	1.01	U	1.4		2.61	U	1.17	U	1.04	U	1	U	0.988	U	2.48	U	0.987	U	
1,2,3,7,8-PeCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
2,3,4,7,8-PeCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,4,7,8-HxCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,6,7,8-HxCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
2,3,4,6,7,8-HxCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,7,8,9-HxCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,4,6,7,8-HpCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,4,7,8,9-HpCDF		pg/g	4.96	U	5.27	U	5.23	U	5	U	4.98	U	5.03	U	5	U	13	U	5.85	U	5.22	U	5	U	4.94	U	12.4	U	4.94	U	
1,2,3,4,6,7,8,9-OCDF		pg/g	9.91	U	10.5	U	10.5	U	10	U	9.96	U	10.1	U	10	U	26.1	U	11.7	U	10.4	U	10	U	9.88	U	24.8	U	9.87	U	
<b>PCB Congeners</b>																															
1-MoCB		pg/g	2.62	U	6.96		6.95		2.17	U	3.07	U	2.63	U	3.18	U	8.7	U	3.94		8.89		1.98	U	7.74		8.17	U	1.99	U	
2-MoCB		pg/g	2.78		25.5		20.3		8.23		3.07	U	3.9		11		8.7	U	6.1		21.7		1.98	U	19.3		8.17	U	1.99	U	
3-MoCB		pg/g	2.62	U	3.48	U	8.71		3.24		3.07	U	2.63	U	6.27		8.7	U	3.87	U	9.97		1.98	U	8.66		8.17	U	1.99	U	
4-DiCB		pg/g	3.44		3.48	U	10.1		4.73		3.07	U	2.63	U	3.18	U	8.7	U	6.95		19.1		1.98	U	13.9		8.17	U	1.99	U	
5-DiCB		pg/g	2.62	U	3.48	U	3																								

**US WIND  
INDIAN RIVER BAY  
OCTOBER 2017 SEDIMENT SAMPLE RESULTS**

LOCATION	VC-IRB-01	VC-IRB-02	VC-IRB-25*	VC-IRB-03-S1	VC-IRB-03-S2	VC-IRB-04	VC-IRB-05-S1	VC-IRB-05-S2	VC-IRB-06	VC-IRB-07-ALT-S1	VC-IRB-07-ALT-S2	VC-IRB-08-ALT-S1	VC-IRB-08-ALT-S2	VC-IRB-08-ALT-S3		
SAMPLING DATE	10/7/2017	10/7/2017	10/7/2017	10/7/2017	10/7/2017	10/6/2017	10/6/2017	10/6/2017	10/6/2017	10/7/2017	10/7/2017	10/8/2017	10/8/2017	10/8/2017		
LAB SAMPLE ID	L1736278-01	L1736278-02	L1736278-18	L1736278-03	L1736278-04	L1736278-05	L1736278-06	L1736278-07	L1736278-08	L1736278-09	L1736278-10	L1736278-11	L1736278-12	L1736278-13		
SAMPLE TYPE																
SAMPLE DEPTH (ft.)																
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
50-TeCB		pg/g	5.25	CU	6.96	CU	6.96	CU	4.34	CU	6.13	CU	5.27	CU	6.35	CU
51-TeCB		pg/g	-	C45	-	C45	-	C45	-	C45	-	C45	-	C45	-	C45
52-TeCB		pg/g	2.62	U	55.1	U	41.5	U	13.9	U	3.07	U	2.63	U	55.4	U
53-TeCB		pg/g	-	C50	-	C50	-	C50	-	C50	-	C50	-	C50	-	C50
54-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
55-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
56-TeCB		pg/g	2.62	U	42.1	U	29.9	U	10.7	U	3.07	U	2.63	U	26.5	U
57-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
58-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
59-TeCB		pg/g	7.87	CU	10.4	CU	10.4	CU	6.51	CU	5.27	CU	9.53	CU	26.1	CU
60-TeCB		pg/g	2.62	U	13.8	U	9.79	U	3.62	U	3.07	U	2.63	U	9.36	U
61-TeCB		pg/g	10.5	CU	139	C	111	C	37.1	C	12.3	CU	10.5	CU	102	C
62-TeCB		pg/g	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59
63-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
64-TeCB		pg/g	2.62	U	19.2	U	14.7	U	4.99	U	3.07	U	2.63	U	17.5	U
65-TeCB		pg/g	-	C44	-	C44	-	C44	-	C44	-	C44	-	C44	-	C44
66-TeCB		pg/g	2.62	U	124	U	89	U	32.9	U	3.07	U	2.63	U	81.2	U
67-TeCB		pg/g	2.62	U	3.52	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
68-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
69-TeCB		pg/g	-	C49	-	C49	-	C49	-	C49	-	C49	-	C49	-	C49
70-TeCB		pg/g	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61
71-TeCB		pg/g	-	C40	-	C40	-	C40	-	C40	-	C40	-	C40	-	C40
72-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
73-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
74-TeCB		pg/g	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61
75-TeCB		pg/g	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59
76-TeCB		pg/g	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61
77-TeCB		pg/g	2.62	U	32.4	U	24.3	U	7.28	U	3.07	U	2.63	U	13.7	U
78-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
79-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
80-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
81-TeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
82-PeCB		pg/g	2.62	U	3.48	U	4	U	2.17	U	3.07	U	2.63	U	5.7	U
83-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	4.1	U
84-PeCB		pg/g	2.62	U	13	U	10.7	U	3.24	U	3.07	U	2.63	U	17.8	U
85-PeCB		pg/g	7.87	CU	14.4	C	11.0	C	6.51	CU	9.2	CU	7.9	CU	12.7	C
86-PeCB		pg/g	15.7	CU	45.3	C	33.5	C	13	CU	18.4	CU	15.8	CU	47.2	C
87-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
88-PeCB		pg/g	5.25	CU	16.8	C	12.6	C	4.34	CU	6.13	CU	5.27	CU	17.4	C
89-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
90-PeCB		pg/g	7.87	CU	92.2	C	67.4	C	23.7	C	9.2	CU	7.9	CU	95.4	C
91-PeCB		pg/g	-	C88	-	C88	-	C88	-	C88	-	C88	-	C88	-	C88
92-PeCB		pg/g	2.62	U	13.7	U	11.7	U	4.01	U	3.07	U	2.63	U	15.6	U
93-PeCB		pg/g	5.25	CU	6.96	CU	6.96	CU	4.34	CU	6.13	CU	5.27	CU	6.35	CU
94-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
95-PeCB		pg/g	2.62	U	42.7	U	34.2	U	11.1	U	3.07	U	2.63	U	52.7	U
96-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
97-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
98-PeCB		pg/g	5.25	CU	6.96	CU	6.96	CU	4.34	CU	6.13	CU	5.27	CU	6.35	CU
99-PeCB		pg/g	2.62	U	96.8	U	62.5	U	25.9	U	3.07	U	2.63	U	96.4	U
100-PeCB		pg/g	-	C93	-	C93	-	C93	-	C93	-	C93	-	C93	-	C93
101-PeCB		pg/g	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90
102-PeCB		pg/g	-	C98	-	C98	-	C98	-	C98	-	C98	-	C98	-	C98
103-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
104-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
105-PeCB		pg/g	2.62	U	38.8	U	32.5	U	11.2	U	3.07	U	2.63	U	33.3	U
106-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
107-PeCB		pg/g	2.62	U	11.6	U	10.9	U	3.58	U	3.07	U	2.63	U	8.37	U
108-PeCB		pg/g	5.25	CU	6.96	CU	6.96	CU	4.34	CU	6.13	CU	5.27	CU	6.35	CU
109-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
110-PeCB		pg/g	5.25	CU	78.3	C	66.3	C	23.3	C	6.13	CU	5.27	CU	77.4	C
111-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
112-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
113-PeCB		pg/g	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90
114-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
115-PeCB		pg/g	-	C110	-	C110	-	C110	-	C110	-	C110	-	C110	-	C110
116-PeCB		pg/g	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85
117-PeCB		pg/g	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85
118-PeCB		pg/g	2.62	U	130	U	109	U	36.2	U	3.07	U	2.63	U	112	U
119-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
120-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
121-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
122-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
123-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
124-PeCB		pg/g	-	C108	-	C108	-	C108	-	C108	-	C108	-	C108	-	C108
125-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
126-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
127-PeCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
128-HxCB		pg/g	5.25	CU	18.9	C	15.2	C	5.24	C	6.13	CU	5.27	CU	15.9	C
129-HxCB		pg/g	7.87	CU	141	C	118	C	41.8	C	9.2	CU	7.9	CU	117	C
130-HxCB		pg/g	2.62	U	8.42	U	7.78	U	2.59	U	3.07	U	2.63	U	6.87	U
131-HxCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
132-HxCB		pg/g	2.62	U	22.7	U	18.2	U	2.17	U	3.07	U	2.63	U	21.5	U
133-HxCB		pg/g	2.62	U	4.34	U	3.62	U	2.17	U	3.07	U	2.63	U	3.18	U
134-HxCB		pg/g	2.62	U	4.91	U	4.05	U	2.17	U	3.07	U	2.63	U	5.23	U
135-HxCB		pg/g	5.25	CU	35.2	C	28.4	C	4.34	CU	6.13	CU	5.27	CU	31.6	C
136-HxCB		pg/g	2.62	U	12.3	U	8.66	U	3.46	U	3.07	U	2.63	U	12.8	U
137-HxCB		pg/g	2.62	U	3.48	U	3.48	U	2.17	U	3.07	U	2.63	U	3.18	U
138-HxCB		pg/g	-	C129	-	C129	-	C129	-	C129	-	C129	-	C129	-	C129
139-HxCB		pg/g	5.25	CU	6.96	CU	6.96	CU	4.34	CU	6.13	CU	5.27	CU	6.35	CU
140-HxCB																



**US WIND  
INDIAN RIVER BAY  
OCTOBER 2017 SEDIMENT SAMPLE RESULTS**

LOCATION	VC-IRB-09-ALT	VC-IRB-10	VC-IRB-12-S1	VC-IRB-12-S2	VC-IRB-14-ALT-S1	VC-IRB-14-ALT-S2	VC-IRB-15-ALT-S1	VC-IRB-15-ALT-S2	VC-IRB-11-ALT-S1	VC-IRB-11-ALT-S2	VC-IRB-24-S1	VC-IRB-24-S2	VC-IRB-13-ALT-S1	VC-IRB-13-ALT-S2																		
SAMPLING DATE	10/8/2017	10/7/2017	10/6/2017	10/6/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017																		
LAB SAMPLE ID	L1736278-14	L1736278-15	L1736278-16	L1736278-17	L1736485-01	L1736485-02	L1736485-03	L1736485-04	L1736603-01	L1736603-02	L1736603-03	L1736603-04	L1736603-05	L1736603-06																		
SAMPLE TYPE																																
SAMPLE DEPTH (ft.)																																
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual														
<b>Atterberg Limits</b>																																
Liquid Limit	-		55		46		48		19		28		36		27		35		19		55		48		69		25		39			
Plastic Limit	-		50		43		41		20		22		23		26		29		16		46		42		62		27		35			
Plasticity Index	-		5		3		7		NP	U	5		5		1		6		3		9		6		7		NP	U	4			
<b>Density of Soil</b>																																
Bulk Density		lbs/ft3	83.05		92.28		94.94		98.27		84.6		94.31		93.57		102.9		94.05		77.27		89.41		71.2		84.63		84.69			
Moisture Content		%	99		82.6		77.36		59.8		22.2		28.9		23.4		32.8		18		69.8		51.5		93		21.6		15.2			
Dry Density		lbs/ft3	41.74		50.55		77.36		61.5		73.17		73.17		75.83		77.48		79.7		45.5		59		36.9		69.6		73.5			
<b>General Chemistry</b>																																
Solids, Total		%	44.7		55		76.7		57.6		82.8		66.3		82.6		66.4		77.8		48.1		44.9		33.3		79.6		67			
Nitrogen, Ammonia		mg/kg	97		28		14		120		3.6	J	30		9	U	22		9.4	U	67		64		200		6.5	J	80			
Phosphorus, Total		mg/kg	300		460		450		460		110		290		61		280		93		410		180		480		84		340			
Solids, Ash		%	94		96		99		97		100		98		100		98		99		91		96		87		100		97			
Organic Matter, Total		%	6		3.8		0.61		3.3		0.34		2.1		0.47		2		0.55		0.59		3.9		13		0.29		2.9			
% Soot (Rep 1)		%	0.05	U	0.118		0.05	U	0.156		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.087		0.077		0.233		0.05	U	0.056			
% Soot (Rep 2)		%	0.05	U	0.103		0.05	U	0.191		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.11		0.081		0.227		0.05	U	0.061			
Moisture		%	53.8		45		21.8		42.4		17.2		32.6		17.4		33.6		22.2		51.9		48.9		65.9		20.4		36.4			
Specific Gravity		-	2.63		2.43		3.09		2.8		2.54		2.82		2.48		2.87		2.8		2.67		2.16		2.48		2.79		2.65			
<b>Total Organic Carbon</b>																																
Total Organic Carbon (Rep1)		%	2.82		1.74		0.181		1.22		0.051		0.645		0.087		0.659		0.2		5.02		1.45		6.59		0.093		1.01			
Total Organic Carbon (Rep2)		%	2.86		1.67		0.21		1.27		0.05	U	0.621		0.084		0.64		0.174		4.59		1.51		5.91		0.05	U	0.892			
<b>Grain Size Analysis</b>																																
Cobbles		%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
% Coarse Gravel		%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
% Fine Gravel		%	1.2		0.8		0.7		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	1.1		0.1	U	4		0.1	U	0.1	U		
% Total Gravel		%	1.2		0.8		0.7		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	1.1		0.1	U	4		0.1	U	0.1	U		
% Coarse Sand		%	5.7		5.1		0.1	U	2.5		0.1	U	0.1	U	0.1	U	0.1	U	1		8.8		7.1		18.8		0.1	U	1.5	U		
% Medium Sand		%	7.3		8.2		11		6.2		0.2		8.8		0.3		11.1		38.5		22.3		9.2		20		0.1		8.7			
% Fine Sand		%	20.7		27.3		66.3		26.9		93.4		47.4		91.1		48.3		19.1		55.1		19.1		16.2		17.5		24.5			
% Total Sand		%	33.7		40.6		77.3		35.6		93.6		56.2		91.4		59.4		50.2		50.2		32.5		56.3		24.6		35.2			
% Silt Fine		%	44.8		47.7		19.5		56.8		5.2		33.6		5.4		30.1		5.2		38.9		49.6		30.4		69.3		55.6			
% Clay Fine		%	20.3		10.9		2.5		7.6		1.2		10.2		3.2		10.5		0.2		9.8		17.9		9.3		6.1		9.2			
% Total Fines		%	65.1		58.6		43.8		64.4		6.4		43.8		8.6		40.6		5.4		48.7		67.5		39.7		75.4		64.8			
<b>Organochlorine Pesticides by GC</b>																																
alpha-BHC	1.36	mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
Hexachlorobenzene		mg/kg	0.000869	U	0.000702	U	0.00049	U	0.000661	U	0.000819	U	0.000572	U	0.000885	U	0.000555	U	0.000877	U	0.000781	U	0.000878	U	0.00112	U	0.000896	U	0.000563	U		
beta-BHC		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
gamma-BHC		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
delta-BHC		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
Heptachlor		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
Aldrin		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
Heptachlor epoxide (B)	0.006	mg/kg	0.000869	U	0.000702	U	0.00049	U	0.000661	U	0.000819	U	0.000572	U	0.000885	U	0.000555	U	0.000877	U	0.000781	U	0.000878	U	0.00112	U	0.000896	U	0.000563	U		
Oxychlorodane		mg/kg	0.000869	U	0.000702	U	0.00049	U	0.000661	U	0.000819	U	0.000572	U	0.000885	U	0.000555	U	0.000877	U	0.000781	U	0.000878	U	0.00112	U	0.000896	U	0.000563	U		
gamma-Chlordane		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
2,4'-DDE		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
Endosulfan I	0.000107	mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
alpha-Chlordane		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
trans-Nonachlor		mg/kg	0.000434	U	0.000351	U	0.000245	U	0.00033	U	0.000409	U	0.000286	U	0.000443	U	0.000278	U	0.000439	U	0.00039	U	0.000439	U	0.000561	U	0.000448	U	0.000282	U		
4,4'-DDE	0.00207	mg/kg	0.000434	U	0.000351	U	0.0																									

**US WIND  
INDIAN RIVER BAY  
OCTOBER 2017 SEDIMENT SAMPLE RESULTS**

LOCATION	VC-IRB-09-ALT	VC-IRB-10	VC-IRB-12-S1	VC-IRB-12-S2	VC-IRB-14-ALT-S1	VC-IRB-14-ALT-S2	VC-IRB-15-ALT-S1	VC-IRB-15-ALT-S2	VC-IRB-11-ALT-S1	VC-IRB-11-ALT-S2	VC-IRB-24-S1	VC-IRB-24-S2	VC-IRB-13-ALT-S1	VC-IRB-13-ALT-S2																
SAMPLING DATE	10/8/2017	10/7/2017	10/6/2017	10/6/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017																
LAB SAMPLE ID	L1736278-14	L1736278-15	L1736278-16	L1736278-17	L1736485-01	L1736485-02	L1736485-03	L1736485-04	L1736603-01	L1736603-02	L1736603-03	L1736603-04	L1736603-05	L1736603-06																
SAMPLE TYPE																														
SAMPLE DEPTH (ft.)																														
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual						
<b>Total Metals</b>																														
Aluminum, Total		mg/kg	15700		11200		1400		11400		1780		8130		2190		7880		1780		13200		15700		16500		1160		8780	
Antimony, Total		mg/kg	0.129	J	0.158	J	0.411	U	0.191	J	0.369	U	0.054	J	0.074	J	0.071	J	0.041	J	0.078	J	0.16	J	0.094	J	0.399	U	0.045	J
Arsenic, Total	7.24	mg/kg	10.6		8.65		0.896		5.6		1.19		5.18		1.35		5.01		1.12		6.24		12		7.59		0.835		5.39	
Barium, Total		mg/kg	43.4		30.8		3.14		28.3		5.48		24.5		6.02		22.6		3.2		37.3		37.2		42.3		2.67		24.4	
Beryllium, Total		mg/kg	0.713		0.544		0.057	J	0.474		0.064	J	0.306		0.078		0.319		0.065	J	0.575		0.69		0.754		0.049	J	0.358	
Cadmium, Total	0.68	mg/kg	0.11		0.123		0.022	J	0.187		0.011	J	0.08		0.015	J	0.077		0.028	J	0.11		0.144		0.137		0.008	J	0.082	
Calcium, Total		mg/kg	2600		2220		474		2120		330		5470		346		1460		3290		2100		2500		2100		257		1850	
Chromium, Total	52.3	mg/kg	38.5		30		3.37		28		4.25		20.2		5.15		20.1		3.87		33.6		36.4		38.9		2.85		22.3	
Cobalt, Total		mg/kg	9.44		7.04		0.81		6.85		1.1		4.68		1.32		4.86		0.78		7.06		8.27		8.47		0.693		4.99	
Copper, Total	18.7	mg/kg	9.14		7.91		0.739		8.13		0.941		5.2		1.19		5.08		1.1		7.88		9.49		9.42		0.472	J	5.65	
Iron, Total		mg/kg	24500		17900		2010		15400		2420		14200		2910		14400		2360		22500		28200		29300		1560		16100	
Lead, Total	30.2	mg/kg	8.3		8.56		0.956		6.88		1.32		4.2		1.28		4.33		1.52		7.71		9.59		9.53		1.31		4.92	
Magnesium, Total		mg/kg	6960		6260		764		5560		901		4840		1070		4490		790		6220		7820		7100		549		5000	
Manganese, Total		mg/kg	202		188		18.6		164		21.2		119		26.3		120		19.1		184		202		163		14.7		124	
Mercury, Total	0.13	mg/kg	0.009	J	0.007	J	0.017	U	0.006	J	0.016	U	0.019	U	0.018	U	0.021	U	0.017	U	0.027	U	0.005	J	0.037	U	0.015	U	0.02	U
Nickel, Total	15.9	mg/kg	22		17		1.86		16.3		2.37		11.2		2.93		11.3		2		18.2		20.2		22.2		1.44		12.3	
Potassium, Total		mg/kg	3460		2720		336		2390		343		1860		414		1810		359		3050		3240		3560		208		1940	
Selenium, Total		mg/kg	2.98		2.18		0.287	J	2.18		0.958		3.56		1.01		3.63		0.674		6.13		7.1		6.84		0.777		3.99	
Silver, Total	0.73	mg/kg	0.034	J	0.038	J	0.128	U	0.027	J	0.115	U	0.017	J	0.119	U	0.017	J	0.123	U	0.027	J	0.042	J	0.032	J	0.125	U	0.02	J
Sodium, Total		mg/kg	6630		4040		2110		3780		2550		8100		2560		6950		2140		8440		8600		12600		1810		7460	
Thallium, Total		mg/kg	0.143		0.153		0.02	J	0.161		0.025	J	0.106		0.026	J	0.102		0.024	J	0.143		0.159		0.153		0.017	J	0.109	
Vanadium, Total		mg/kg	38.8		30.7		3.44		30.3		4.12		20.4		4.88		19.7		4.18		34.5		42.9		38.2		2.94		21.7	
Zinc, Total	124	mg/kg	57.6		46.6		4.8		41.6		6.36		33.1		7.53		33.2		6.11		51.7		60.8		62.1		4.01		35.8	
<b>Dioxins/Furans</b>																														
2,3,7,8-TCDD		pg/g	1.02	U	0.996	U	0.997	U	1	U	0.997	U	0.999	U	0.983	U	0.998	U	0.991	U	0.998	U	0.997	U	1.11	U	0.979	U	1.00	U
1,2,3,7,8-PeCDD		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,4,7,8-HxCDD		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,6,7,8-HxCDD		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,4,6,7,8-HpCDD		pg/g	24.2	U	33.1	U	5.07	U	23.2	U	4.98	U	6.15	U	5.15	U	4.99	U	7.27	U	15.3	U	44.5	U	6.72	U	4.89	U	42.5	U
1,2,3,4,6,7,8,9-OCDD		pg/g	379	U	553	U	79.9	U	347	U	48.2	U	78.7	U	85.5	U	64.9	U	109	U	197	U	763	U	81.5	U	20.9	U	613	
2,3,7,8-TCDF		pg/g	1.02	U	0.996	U	0.997	U	1	U	0.997	U	0.999	U	0.983	U	0.998	U	0.991	U	0.998	U	0.997	U	1.11	U	0.979	U	1.00	U
1,2,3,7,8-PeCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
2,3,4,7,8-PeCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,4,7,8-HxCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,6,7,8-HxCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
2,3,4,6,7,8-HxCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,4,6,7,8,9-HpCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,4,7,8,9-HpCDF		pg/g	5.1	U	4.98	U	4.99	U	5	U	4.98	U	5	U	4.92	U	4.99	U	4.96	U	4.99	U	4.98	U	5.55	U	4.89	U	5.00	U
1,2,3,4,6,7,8,9-OCDF		pg/g	10.2	U	9.96	U	9.97	U	10	U	9.97	U	9.99	U	9.83	U	9.98	U	9.91	U	9.98	U	9.97	U	11.1	U	9.79	U	10.00	U
<b>PCB Congeners</b>																														
1-MoCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U	2.0	U	1.99	U	2.76	U	2.43	U	3.69	U	2.0	U	1.99	U
2-MoCB		pg/g	2.68	U	2.33	U	1.98	U	2.99	U	2.0	U	2.77	U	1.99	U	2.0	U	1.99	U	3.58	U	5.62	U	3.69	U	2.0	U	3.47	U
3-MoCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U	2.0	U	1.99	U	3.69	U	2.43	U	3.69	U	2.0	U	1.99	U
4-DiCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U	2.0	U	1.99	U	2.76	U	2.43	U	3.69	U	2.0	U	1.99	U
5-DiCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U	2.0	U	1.99	U	2.76	U	2.43	U	3.69	U	2.0	U	1.99	U
6-DiCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U																		

**US WIND  
INDIAN RIVER BAY  
OCTOBER 2017 SEDIMENT SAMPLE RESULTS**

LOCATION	VC-IRB-09-ALT	VC-IRB-10	VC-IRB-12-S1	VC-IRB-12-S2	VC-IRB-14-ALT-S1	VC-IRB-14-ALT-S2	VC-IRB-15-ALT-S1	VC-IRB-15-ALT-S2	VC-IRB-11-ALT-S1	VC-IRB-11-ALT-S2	VC-IRB-24-S1	VC-IRB-24-S2	VC-IRB-13-ALT-S1	VC-IRB-13-ALT-S2		
SAMPLING DATE	10/8/2017	10/7/2017	10/6/2017	10/6/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017		
LAB SAMPLE ID	L1736278-14	L1736278-15	L1736278-16	L1736278-17	L1736485-01	L1736485-02	L1736485-03	L1736485-04	L1736603-01	L1736603-02	L1736603-03	L1736603-04	L1736603-05	L1736603-06		
SAMPLE TYPE																
SAMPLE DEPTH (ft.)																
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
50-TeCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
51-TeCB		pg/g	-	C45	-	C45	-	C45	-	C45	-	C45	-	C45	-	C45
52-TeCB		pg/g	3.22	U	6.69	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
53-TeCB		pg/g	-	C50	-	C50	-	C50	-	C50	-	C50	-	C50	-	C50
54-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
55-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
56-TeCB		pg/g	2.68	U	4.41	U	1.98	U	2.12	U	2.0	U	2.0	U	2.41	U
57-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
58-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
59-TeCB		pg/g	8.04	CU	6.99	CU	5.94	CU	6.36	CU	6.0	CU	5.99	CU	5.96	CU
60-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
61-TeCB		pg/g	10.7	CU	15.3	C	7.93	CU	12.7	CU	12.0	CU	11.9	CU	12.0	CU
62-TeCB		pg/g	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59
63-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
64-TeCB		pg/g	2.68	U	2.64	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
65-TeCB		pg/g	-	C44	-	C44	-	C44	-	C44	-	C44	-	C44	-	C44
66-TeCB		pg/g	2.68	U	12.2	U	2.75	U	2.12	U	2.0	U	2.0	U	1.99	U
67-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
68-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
69-TeCB		pg/g	-	C49	-	C49	-	C49	-	C49	-	C49	-	C49	-	C49
70-TeCB		pg/g	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61
71-TeCB		pg/g	-	C40	-	C40	-	C40	-	C40	-	C40	-	C40	-	C40
72-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
73-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
74-TeCB		pg/g	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61
75-TeCB		pg/g	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59	-	C59
76-TeCB		pg/g	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61	-	C61
77-TeCB		pg/g	2.68	U	2.35	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
78-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
79-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
80-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
81-TeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
82-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
83-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
84-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
85-PeCB		pg/g	8.04	CU	6.99	CU	5.94	CU	6.36	CU	6.0	CU	5.99	CU	5.96	CU
86-PeCB		pg/g	16.1	CU	14	CU	11.9	CU	12.7	CU	12.0	CU	11.9	CU	12.0	CU
87-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
88-PeCB		pg/g	5.36	CU	4.66	CU	4.24	CU	4.0	CU	3.99	CU	4.0	CU	3.99	CU
89-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
90-PeCB		pg/g	8.04	CU	9.05	C	3.96	CU	6.36	CU	6.0	CU	5.99	CU	5.96	CU
91-PeCB		pg/g	-	C88	-	C88	-	C88	-	C88	-	C88	-	C88	-	C88
92-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
93-PeCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
94-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
95-PeCB		pg/g	2.68	U	4.51	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
96-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
97-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
98-PeCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	4.0	CU
99-PeCB		pg/g	2.68	U	7.78	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
100-PeCB		pg/g	-	C93	-	C93	-	C93	-	C93	-	C93	-	C93	-	C93
101-PeCB		pg/g	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90
102-PeCB		pg/g	-	C98	-	C98	-	C98	-	C98	-	C98	-	C98	-	C98
103-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
104-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
105-PeCB		pg/g	2.68	U	3.79	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
106-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
107-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
108-PeCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
109-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
110-PeCB		pg/g	5.36	CU	9.07	C	3.96	CU	4.24	CU	4.0	CU	3.99	CU	4.0	CU
111-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
112-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
113-PeCB		pg/g	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90	-	C90
114-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
115-PeCB		pg/g	-	C110	-	C110	-	C110	-	C110	-	C110	-	C110	-	C110
116-PeCB		pg/g	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85
117-PeCB		pg/g	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85	-	C85
118-PeCB		pg/g	2.75	U	12	U	2.54	U	2.12	U	2.0	U	2.0	U	1.99	U
119-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
120-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
121-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
122-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
123-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
124-PeCB		pg/g	-	C108	-	C108	-	C108	-	C108	-	C108	-	C108	-	C108
125-PeCB		pg/g	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86	-	C86
126-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
127-PeCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
128-HxCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
129-HxCB		pg/g	8.04	CU	15.7	C	5.94	CU	6.36	CU	6.0	CU	5.99	CU	5.96	CU
130-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
131-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
132-HxCB		pg/g	2.68	U	2.66	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
133-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
134-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
135-HxCB		pg/g	5.36	CU	5.26	C	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
136-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
137-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	2.0	U	1.99	U
138-HxCB		pg/g	-	C129	-	C129	-	C129	-	C129	-	C129	-	C129	-	C129
139-HxCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
140-HxCB		pg/g	-	C139	-	C139	-	C139	-</							

**US WIND  
INDIAN RIVER BAY  
OCTOBER 2017 SEDIMENT SAMPLE RESULTS**

LOCATION	VC-IRB-09-ALT	VC-IRB-10	VC-IRB-12-S1	VC-IRB-12-S2	VC-IRB-14-ALT-S1	VC-IRB-14-ALT-S2	VC-IRB-15-ALT-S1	VC-IRB-15-ALT-S2	VC-IRB-11-ALT-S1	VC-IRB-11-ALT-S2	VC-IRB-24-S1	VC-IRB-24-S2	VC-IRB-13-ALT-S1	VC-IRB-13-ALT-S2		
SAMPLING DATE	10/8/2017	10/7/2017	10/6/2017	10/6/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/9/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017		
LAB SAMPLE ID	L1736278-14	L1736278-15	L1736278-16	L1736278-17	L1736485-01	L1736485-02	L1736485-03	L1736485-04	L1736603-01	L1736603-02	L1736603-03	L1736603-04	L1736603-05	L1736603-06		
SAMPLE TYPE																
SAMPLE DEPTH (ft.)																
	DE-SIRS-ESM	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
142-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
143-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
144-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
145-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
146-HxCB		pg/g	2.68	U	3.67	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
147-HxCB		pg/g	5.36	CU	10.9	CU	3.96	CU	4.0	CU	3.99	CU	3.97	CU	4.0	CU
148-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
149-HxCB		pg/g	-	C147	-	C147	-	C147	-	C147	-	C147	-	C147	-	C147
150-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
151-HxCB		pg/g	-	C135	-	C135	-	C135	-	C135	-	C135	-	C135	-	C135
152-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
153-HxCB		pg/g	5.36	CU	16.1	C	3.96	CU	4.0	CU	3.99	CU	3.97	CU	4.0	CU
154-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
155-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
156-HxCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
157-HxCB		pg/g	-	C156	-	C156	-	C156	-	C156	-	C156	-	C156	-	C156
158-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
159-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
160-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
161-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
162-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
163-HxCB		pg/g	-	C129	-	C129	-	C129	-	C129	-	C129	-	C129	-	C129
164-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
165-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
166-HxCB		pg/g	-	C128	-	C128	-	C128	-	C128	-	C128	-	C128	-	C128
167-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
168-HxCB		pg/g	-	C153	-	C153	-	C153	-	C153	-	C153	-	C153	-	C153
169-HxCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
170-HpCB		pg/g	2.68	U	2.9	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
171-HpCB		pg/g	4.66	CU	4.66	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU	4.0	CU
172-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
173-HpCB		pg/g	-	C171	-	C171	-	C171	-	C171	-	C171	-	C171	-	C171
174-HpCB		pg/g	2.68	U	4.29	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
175-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
176-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
177-HpCB		pg/g	2.68	U	3.5	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
178-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
179-HpCB		pg/g	2.68	U	3.22	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
180-HpCB		pg/g	5.36	CU	13.1	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
181-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
182-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
183-HpCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
184-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
185-HpCB		pg/g	-	C183	-	C183	-	C183	-	C183	-	C183	-	C183	-	C183
186-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
187-HpCB		pg/g	2.68	U	14.8	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
188-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
189-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
190-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
191-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
192-HpCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
193-HpCB		pg/g	-	C180	-	C180	-	C180	-	C180	-	C180	-	C180	-	C180
194-OcCB		pg/g	2.68	U	12.7	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
195-OcCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
196-OcCB		pg/g	2.68	U	7.26	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
197-OcCB		pg/g	5.36	CU	4.66	CU	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
198-OcCB		pg/g	5.36	CU	23.6	C	3.96	CU	4.24	CU	4.0	CU	3.99	CU	3.97	CU
199-OcCB		pg/g	-	C198	-	C198	-	C198	-	C198	-	C198	-	C198	-	C198
200-OcCB		pg/g	-	C197	-	C197	-	C197	-	C197	-	C197	-	C197	-	C197
201-OcCB		pg/g	2.68	U	3.2	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
202-OcCB		pg/g	2.68	U	6.22	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
203-OcCB		pg/g	2.68	U	13.7	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
204-OcCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
205-OcCB		pg/g	2.68	U	2.33	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
206-NocCB		pg/g	2.68	U	28.8	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
207-NocCB		pg/g	2.68	U	3.71	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
208-NocCB		pg/g	2.68	U	10.2	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
209-DeCB		pg/g	2.68	U	10.1	U	1.98	U	2.12	U	2.0	U	1.99	U	2.0	U
Total PCB Congeners		pg/g	5.98		351		7.50		2.99		2.0		2.77		1.99	

\*DE-SIRS-ESM: DNREC SIRS Ecological Marine Sediment Screening Levels  
Criteria per DNREC SIRS Screening Level Table - Updated July 2016.  
U - Not detected at the method detection limit (MDL) for the sample,  
or estimated detection limit (EDL) for SPME-related analyses.  
J - Estimated value. The Target analyte concentration is below the quantitation  
limit (RL), but above the Method Detection Limit (MDL) or Estimated  
Detection Limit (EDL) for SPME-related analyses. This represents an  
estimated concentration for Tentatively Identified Compounds (TICs).  
\* VC-IRB-25 is a duplicate sample of VC-IRB-02.  
C - Congener has coeluters. When Cxxx, refer to congener number xxx for data.  
B - The target analyte was detected in the associated blank.  
Gray shading indicates MDL for analyte is greater than screening level.  
Blue shading indicates congener included on NOAA PCB Congener List.  
lbs/ft3 - pounds per cubic foot; mg/kg - milligrams per kilogram;  
pg/g - picogram per gram