

**Tred Avon River Alternate Substrate Oyster Reef Coordinates  
(NAD 1983 State Plan Maryland FIPS 1900)**

**ALL SITES HAVE 6 FEET OF NAVIGATIONAL CLEARANCE AFTER CONSTRUCTION**

USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70539341	-76.16284849
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70538472	-76.16284896
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70532504	-76.16284646
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70526376	-76.1628341
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70522521	-76.16282588
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70520629	-76.16281934
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70524964	-76.16304446
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.7055088	-76.16374096
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70547616	-76.16427208
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70578043	-76.16380484
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.7056987	-76.16370552
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70552625	-76.16341719
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70548243	-76.16331407
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70543426	-76.16313651
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70540676	-76.16302216
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70542533	-76.16294719
TA-18	SS_04	0.54	3 to 6 inch stone	12	Pecks Point	38.70539341	-76.16284849
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70949002	-76.14721223
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70953898	-76.14713542
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70957066	-76.1470675
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70958833	-76.14697244
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70963806	-76.14680427
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70969033	-76.14674534
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70976441	-76.14671872
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70971871	-76.1465592
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70973949	-76.1464776
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70979349	-76.14642694
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70980952	-76.14627323
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.7096288	-76.14608648
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70960614	-76.14612822
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70955318	-76.14629127
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70947036	-76.14644994
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70939784	-76.14677414
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70936241	-76.1472109
TA-19	SS_09	0.62	2 to 4 inch stone	6	Mares Point	38.70949002	-76.14721223
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71098486	-76.14841519
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71107508	-76.14862229
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71109531	-76.1486531
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71115403	-76.14874103
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71122887	-76.14886291
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71142916	-76.14912
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71150405	-76.14921138
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71155125	-76.14928097
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71159743	-76.14934955
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.7116744	-76.14946278
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71172647	-76.14954034

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USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71178703	-76.14963037
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71187683	-76.14975063
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71191114	-76.14979522
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71195818	-76.14985409
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71181834	-76.1494033
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71152476	-76.14887144
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71128026	-76.14863196
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71107345	-76.14840529
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71086931	-76.14815634
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71082741	-76.14812966
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71086455	-76.14819515
TA-20	SS_10	0.65	3 to 6 inch stone	12	Mares Point	38.71098486	-76.14841519
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.7176685	-76.14335244
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71739988	-76.1434551
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71725954	-76.14353816
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71707313	-76.14367672
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71713865	-76.14373495
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71713864	-76.14373545
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71735476	-76.14382757
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71741705	-76.1439658
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71755392	-76.14432641
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71797422	-76.14433066
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71797166	-76.14429046
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.7179955	-76.14406011
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71806835	-76.14386326
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71800386	-76.14384667
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71785443	-76.1438163
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71777569	-76.14378433
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71766094	-76.14375153
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71755314	-76.14372524
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71749682	-76.14366549
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71755143	-76.14362372
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71767568	-76.14364205
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71781552	-76.14364314
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71792381	-76.14349928
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.71792463	-76.14347431
TA-21	SS_13	1.19	3 to 6 inch stone	12	Marshy	38.7176685	-76.14335244
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71892522	-76.14214986
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71889874	-76.14220618
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71882685	-76.14235361
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71870293	-76.1424963
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71857645	-76.14258812
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71856064	-76.14344701
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71870081	-76.14343783
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71887919	-76.14348252
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71900073	-76.14354913

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USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71911539	-76.143675
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71921779	-76.14380902
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71913877	-76.14340507
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71911676	-76.14326566
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71907418	-76.14304814
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.7189329	-76.14222039
TA-22A	SS_14A	1.31	3 to 6 inch stone	12	Marshy	38.71892522	-76.14214986
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.7185076	-76.14346416
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71856064	-76.14344701
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71857645	-76.14258812
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71848687	-76.14261865
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71838024	-76.14273901
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71823993	-76.14287967
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.7182215	-76.14294253
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71826387	-76.14325251
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71841441	-76.14336224
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.71841013	-76.1434956
TA-22B	SS_14B	0.52	2 to 4 inch stone	6	Marshy	38.7185076	-76.14346416
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.72415121	-76.13873427
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.72433336	-76.13922392
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.7246869	-76.14019948
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.72505618	-76.14044486
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.72495981	-76.13988065
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.72452864	-76.13911036
TA-23A	SS_16A	1.05	3 to 6 inch stone	12	Flatty	38.72415121	-76.13873427
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72526651	-76.14048596
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72518477	-76.14036033
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72518572	-76.13981708
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72514542	-76.13968254
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72503044	-76.1395743
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72482648	-76.1392304
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.7245638	-76.13889944
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72455233	-76.13889361
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72442264	-76.138807
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72440514	-76.1387923
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72422937	-76.13865355
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72408941	-76.13853137
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72407923	-76.13854034
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72415121	-76.13873427
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72452864	-76.13911036
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72495981	-76.13988065
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72505618	-76.14044486
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72514008	-76.14050061
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72520344	-76.14054251
TA-23B	SS_16B	0.96	2 to 4 inch stone	6	Flatty	38.72526651	-76.14048596
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72629639	-76.14485026

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USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72647932	-76.14481864
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72651336	-76.14484925
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72679649	-76.14486796
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72688705	-76.14489922
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72708961	-76.14491006
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72725596	-76.14496598
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72735563	-76.14509052
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72737044	-76.14485383
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72719796	-76.14477212
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72629587	-76.14453535
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72617152	-76.14457293
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72604753	-76.14481749
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72617092	-76.14498886
TA-24	SS_25	0.72	2 to 4 inch stone	6	Orem	38.72629639	-76.14485026
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72729725	-76.13924036
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72730986	-76.13961407
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72723192	-76.13988407
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72748848	-76.14032762
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72763056	-76.14037451
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72788695	-76.14049235
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72789016	-76.14016367
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72799597	-76.13967474
TA-25	SS_18A	1.40	3 to 6 inch stone	12	Double Mills	38.72729725	-76.13924036
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72729725	-76.13924036
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72799597	-76.13967474
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72831297	-76.13934857
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72810112	-76.13928327
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72795849	-76.13929965
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.7279383	-76.13933231
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72783017	-76.13938871
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72761864	-76.13927275
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72757063	-76.13915175
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72744042	-76.13893372
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72738434	-76.13877428
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.7272754	-76.13853409
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72712926	-76.13827561
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72728899	-76.13899573
TA-26	SS_18B	0.76	2 to 4 inch stone	6	Double Mills	38.72729725	-76.13924036
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73686227	-76.11820288
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73673714	-76.11830328
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73699961	-76.11907989
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.7372155	-76.1197649
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.7374001	-76.1203093
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73756974	-76.1205581
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73783468	-76.12076673

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TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73791958	-76.12062504
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73785522	-76.12037441
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73786785	-76.12005192
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73792369	-76.11982974
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73798176	-76.1197548
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73789393	-76.11969673
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73774241	-76.1195798
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73735819	-76.11929889
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73718574	-76.11875935
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73702287	-76.11851391
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73689028	-76.11822946
TA-27	SS_23	2.31	2 to 4 inch stone	6	Camden Point	38.73686227	-76.11820288
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72601734	-76.13841085
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.7259098	-76.13871697
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72582177	-76.13914418
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.7258725	-76.13936928
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72582506	-76.13947512
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.7257559	-76.13947093
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72566369	-76.13960581
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72569217	-76.13974737
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72578531	-76.13979473
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72583165	-76.13985687
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72585714	-76.13993826
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72587854	-76.14009432
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72584395	-76.14015407
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72587953	-76.14018825
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72594209	-76.14015374
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72621143	-76.14000519
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72611264	-76.13855131
TA-28	SS_17	1.25	2 to 4 inch stone	6	Flatty	38.72601734	-76.13841085
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71008625	-76.14189937
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71007799	-76.14223619
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71013007	-76.14223766
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.7103974	-76.14223168
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71058241	-76.142208
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71067123	-76.1418715
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71081256	-76.14188324
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71067692	-76.14170594
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71046605	-76.14178985
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71031825	-76.14182301
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71019719	-76.14184858
TA-29	SS_28A	0.58	3 to 6 inch stone	12	Bamings Cove Add. 1	38.71008625	-76.14189937
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.71007799	-76.14223619
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.71008642	-76.14189268
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.71004173	-76.14185314
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70977143	-76.14185769

**Tred Avon River Alternate Substrate Oyster Reef Coordinates  
(NAD 1983 State Plan Maryland FIPS 1900)**

**ALL SITES HAVE 6 FEET OF NAVIGATIONAL CLEARANCE AFTER CONSTRUCTION**

USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70970856	-76.14188902
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.7095499	-76.14188131
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70942344	-76.1418532
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70931475	-76.14174701
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70922473	-76.14171913
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70906995	-76.14158459
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70905326	-76.14149279
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70897575	-76.14139375
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70896576	-76.14156247
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70895836	-76.14189906
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.7091645	-76.14204834
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70952273	-76.14218516
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.70986117	-76.14223006
TA-30	SS_28B	0.96	2 to 4 inch stone	6	Bamings Cove Add. 1	38.71007799	-76.14223619
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70895836	-76.14189906
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70896576	-76.14156247
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70897575	-76.14139375
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.7088729	-76.14126947
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.7088123	-76.14120854
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70880848	-76.14113706
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70884178	-76.14103147
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70883033	-76.14096155
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.7088426	-76.14087529
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70888038	-76.14076757
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70888083	-76.14061134
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70886308	-76.14060329
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70882333	-76.14058476
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70878366	-76.14055796
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70874938	-76.14053262
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70871616	-76.14050868
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70868516	-76.14047788
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70865096	-76.14044429
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70862719	-76.14041319
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70862544	-76.14041485
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70847183	-76.14053827
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70847063	-76.14053923
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70836308	-76.1406097
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70828346	-76.14079448
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70832366	-76.14107709
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70828493	-76.14138077
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70827151	-76.14174989
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70882528	-76.14180875
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70883511	-76.1418098
TA-31	SS_28C	1.79	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70895836	-76.14189906
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71011804	-76.13593228
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71014953	-76.13633995

**Tred Avon River Alternate Substrate Oyster Reef Coordinates  
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**ALL SITES HAVE 6 FEET OF NAVIGATIONAL CLEARANCE AFTER CONSTRUCTION**

USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71011056	-76.13642114
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71007549	-76.13654077
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70992447	-76.13666958
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70977576	-76.13668011
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70955247	-76.13666566
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.7094408	-76.13665623
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70929958	-76.13670404
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70921263	-76.1366691
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70910583	-76.13671225
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70894039	-76.13671286
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70885073	-76.13667677
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.7087548	-76.1367008
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70861437	-76.13666823
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70852061	-76.13666196
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70846476	-76.13665733
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70893238	-76.13694057
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.70956551	-76.13744515
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71008501	-76.13703126
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71024875	-76.13659496
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71031153	-76.13629057
TA-32	SS_29	1.90	3 to 6 inch stone	12	Bamings Cove	38.71011804	-76.13593228
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.7124047	-76.13856507
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71245407	-76.13858207
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71250925	-76.13860743
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71251956	-76.13848351
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71254687	-76.13838161
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71264884	-76.13811274
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71280258	-76.13779567
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71293831	-76.13751244
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.7129966	-76.13745704
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71304866	-76.13734726
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71309196	-76.13728781
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71316133	-76.13732231
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71326841	-76.1374823
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71335688	-76.13760221
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71340036	-76.1375685
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71321768	-76.13694828
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71293268	-76.13683421
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71280623	-76.13708783
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71267741	-76.13758486
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71237731	-76.13804266
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.71240167	-76.13856161
TA-33	SS_30	1.24	2 to 4 inch stone	6	Bamings Cove	38.7124047	-76.13856507
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71367093	-76.12852149
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71369944	-76.12857533
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71371385	-76.12865542

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USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71368008	-76.12877614
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71351559	-76.12890741
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71338377	-76.12901702
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71329311	-76.12905539
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71322043	-76.12906353
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71288669	-76.12914849
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71282478	-76.12913445
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71262646	-76.12918286
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71260549	-76.12938414
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71335576	-76.12935189
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71348036	-76.12938629
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71374886	-76.12919514
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71387009	-76.12910488
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71414537	-76.12892124
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71420649	-76.12876556
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71414936	-76.12862792
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71394959	-76.12860587
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71377495	-76.12849725
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71371353	-76.12850038
TA-34	SS_32	1.36	3 to 6 inch stone	12	Old House Point	38.71367093	-76.12852149
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71383942	-76.12187574
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71281011	-76.12197912
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71276783	-76.12254317
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71288395	-76.12306599
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71332892	-76.12313617
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71360941	-76.12266389
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71407593	-76.12259382
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71409094	-76.12255294
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71411224	-76.12251933
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71397026	-76.12236703
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71393356	-76.12245671
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71386878	-76.12251135
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71380561	-76.1223591
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71377564	-76.12205514
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.7138272	-76.12202065
TA-35	SS_34	2.55	3 to 6 inch stone	12	Trippe	38.71383942	-76.12187574
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70937	-76.11949722
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.7093862	-76.11957357
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70934546	-76.11967398
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70933265	-76.11976904
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.7092956	-76.11984892
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70921626	-76.12006185
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70915048	-76.12012482
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70913282	-76.12032039
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70906296	-76.12037502
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70905847	-76.12048055



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USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70903804	-76.12055783
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70899165	-76.1206254
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70896925	-76.12083248
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70894101	-76.12090149
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70902434	-76.12101623
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70906259	-76.12095672
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70923375	-76.12023075
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70941777	-76.11993954
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70946605	-76.11970927
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70942059	-76.11953444
TA-36	SS_35	0.42	2 to 4 inch stone	6	Bakers Cove	38.70937	-76.11949722
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70396575	-76.14164881
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70390305	-76.14179462
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70391374	-76.14198815
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70396849	-76.14248313
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70400838	-76.14258877
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70408477	-76.14267283
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70436265	-76.1433861
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70434665	-76.14346874
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70442657	-76.14386079
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70436677	-76.14386265
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70439711	-76.14417042
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.7044822	-76.14441746
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70451202	-76.14439983
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70450043	-76.1435723
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70430607	-76.14296673
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70416225	-76.14256242
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70407076	-76.14211226
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70401494	-76.14167061
TA-37	SS_37	0.77	2 to 4 inch stone	6	Louis Cove	38.70396575	-76.14164881
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70717054	-76.13744939
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70707473	-76.13757138
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70693115	-76.13769969
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70677496	-76.1377908
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70664176	-76.1378674
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70656536	-76.13791707
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70633096	-76.13811209
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70641056	-76.13821757
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70674279	-76.13818398
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70703337	-76.13805063
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70718128	-76.13771487
TA-38	SS_42	0.64	3 to 6 inch stone	12	Bamings Cove Add. 1	38.70717054	-76.13744939
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71157366	-76.13945457
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71154836	-76.13945104
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.7107518	-76.1394532
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71043092	-76.13966365

**Tred Avon River Alternate Substrate Oyster Reef Coordinates  
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**ALL SITES HAVE 6 FEET OF NAVIGATIONAL CLEARANCE AFTER CONSTRUCTION**

USACE Contract Number	Site Number	Area (ac)	Reef Material	Reef Height (inch)	Yates Bar Name	Latitude	Longitude
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71054467	-76.13987767
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71062112	-76.13987617
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71076548	-76.13987847
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71088248	-76.13985594
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71101007	-76.13983628
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.7111208	-76.13980281
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71118839	-76.13983911
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71151947	-76.13976953
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71158787	-76.13975236
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71161652	-76.13973637
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71159711	-76.13967315
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71158506	-76.13959677
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71157317	-76.13950407
TA-39	SS_45	0.95	3 to 6 inch stone	12	Bamings Cove	38.71157366	-76.13945457
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72883283	-76.14391877
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72896554	-76.14367494
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72902632	-76.14341893
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72907991	-76.14309401
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72905858	-76.14304211
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72912928	-76.14277962
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.7293883	-76.14200675
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72957035	-76.1415615
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72970119	-76.14127246
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72975378	-76.14110043
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72919547	-76.14187336
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72910503	-76.14207709
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72891937	-76.14256487
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72887131	-76.14312415
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72883231	-76.14349775
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72878774	-76.14383742
TA-40	SS_51	1.27	3 to 6 inch stone	12	Double Mills	38.72883283	-76.14391877
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.7235252	-76.14545126
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72355315	-76.14510943
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72361819	-76.14457307
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72366875	-76.1439805
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72361615	-76.14388629
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72354872	-76.14367501
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.7235386	-76.14362857
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72347007	-76.14368533
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72335859	-76.14380697
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72325139	-76.14395569
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72324696	-76.14415197
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72324605	-76.1441928
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72325328	-76.14437998
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72338223	-76.14496787
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.72347796	-76.14540432

**Tred Avon River Alternate Substrate Oyster Reef Coordinates  
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**ALL SITES HAVE 6 FEET OF NAVIGATIONAL CLEARANCE AFTER CONSTRUCTION**

<b>USACE Contract Number</b>	<b>Site Number</b>	<b>Area (ac)</b>	<b>Reef Material</b>	<b>Reef Height (inch)</b>	<b>Yates Bar Name</b>	<b>Latitude</b>	<b>Longitude</b>
TA-41	SS_52	1.10	2 to 4 inch stone	6	Orem	38.7235252	-76.14545126
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.7096288	-76.14608648
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.70980923	-76.146273
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.70994424	-76.14606525
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71006201	-76.1459655
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71026456	-76.14588066
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71045583	-76.14586339
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71059906	-76.14587245
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.7107157	-76.14588786
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71083054	-76.14608617
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71093914	-76.14637924
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71097875	-76.1466712
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71106592	-76.14698425
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71115282	-76.14732439
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.7112918	-76.147767
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71136862	-76.14805278
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71137758	-76.1482223
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71137605	-76.14837811
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71131364	-76.14851353
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71131846	-76.14854363
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71128026	-76.14863196
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71152476	-76.14887144
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71158175	-76.14843927
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71157581	-76.14824943
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71148346	-76.14784639
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71139106	-76.14758943
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71138075	-76.14718914
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71137811	-76.14680393
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71141198	-76.14662418
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71147891	-76.14634662
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71135365	-76.14608882
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71125634	-76.14586347
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71109275	-76.14563102
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71094361	-76.14537461
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71076528	-76.14519636
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.7105655	-76.1452718
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71037473	-76.14539577
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.71015136	-76.14557178
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.70988682	-76.1458034
TA-42	SS_57	3.70	3 to 6 inch stone	12	Mares Point	38.7096288	-76.14608648
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71550733	-76.12890846
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.7154295	-76.12831949
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71548891	-76.12793487
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71554847	-76.12776729
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71559657	-76.1276052
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71550171	-76.12755808

**Tred Avon River Alternate Substrate Oyster Reef Coordinates  
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***ALL SITES HAVE 6 FEET OF NAVIGATIONAL CLEARANCE AFTER CONSTRUCTION***

<b>USACE Contract Number</b>	<b>Site Number</b>	<b>Area (ac)</b>	<b>Reef Material</b>	<b>Reef Height (inch)</b>	<b>Yates Bar Name</b>	<b>Latitude</b>	<b>Longitude</b>
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71547652	-76.12754105
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71538179	-76.12790633
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71537815	-76.12828407
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71543217	-76.12941829
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71559254	-76.1294849
TA-43	SS_36	0.45	2 to 4 inch stone	6	Old House Point	38.71550733	-76.12890846
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71412872	-76.13188167
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71380232	-76.13181837
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71320365	-76.13254828
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71321076	-76.13330395
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71330421	-76.13366736
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71331695	-76.13358923
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71333911	-76.13350251
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71338724	-76.13337538
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71342703	-76.13329927
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71351527	-76.13317033
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71347387	-76.1331214
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71341809	-76.13302569
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71334422	-76.1328457
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71345933	-76.13260636
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71379122	-76.1324012
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71397422	-76.13207473
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71403213	-76.13203183
TA-44	SS_31	1.16	2 to 4 inch stone	6	Old House Point	38.71412872	-76.13188167