

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1975	D	STUDY AREA D - DEEP, 8+ FT	27.8521789	-97.05915471
1974	D	STUDY AREA D - DEEP, 8+ FT	27.8521812	-97.05930939
1973	D	STUDY AREA D - DEEP, 8+ FT	27.8521834	-97.05946407
1972	D	STUDY AREA D - DEEP, 8+ FT	27.8521857	-97.05961874
1971	D	STUDY AREA D - DEEP, 8+ FT	27.852188	-97.05977342
1970	D	STUDY AREA D - DEEP, 8+ FT	27.8521903	-97.05992809
1969	D	STUDY AREA D - DEEP, 8+ FT	27.8521926	-97.06008277
2538	D	STUDY AREA D - DEEP, 8+ FT	27.8521948	-97.06023745
2537	D	STUDY AREA D - DEEP, 8+ FT	27.8521971	-97.06039212
2536	D	STUDY AREA D - DEEP, 8+ FT	27.8521994	-97.0605468
1208	F,H	STUDY AREA D - SHELL HASH	27.8522017	-97.06070148
1200	M,H	STUDY AREA D - SHELL HASH	27.852204	-97.06085615
1197	F,H	STUDY AREA D - SHELL HASH	27.8522062	-97.06101083
1322	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522085	-97.06116551
1320	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522108	-97.06132018
1319	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522131	-97.06147486
1150	F,H	STUDY AREA D - SHELL HASH	27.8522154	-97.06162954
1440	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522318	-97.05342912
1439	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522341	-97.05358379
1438	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522364	-97.05373847
1239	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522387	-97.05389315
2065	D	STUDY AREA D - DEEP, 8+ FT	27.852241	-97.05404782
2064	D	STUDY AREA D - DEEP, 8+ FT	27.8522433	-97.0542025
2063	D	STUDY AREA D - DEEP, 8+ FT	27.8522455	-97.05435717
2062	D	STUDY AREA D - DEEP, 8+ FT	27.8522478	-97.05451185
2061	D	STUDY AREA D - DEEP, 8+ FT	27.8522501	-97.05466653
2060	D	STUDY AREA D - DEEP, 8+ FT	27.8522524	-97.0548212
2059	D	STUDY AREA D - DEEP, 8+ FT	27.8522547	-97.05497588
2058	D	STUDY AREA D - DEEP, 8+ FT	27.852257	-97.05513056
2057	D	STUDY AREA D - DEEP, 8+ FT	27.8522593	-97.05528523
2056	D	STUDY AREA D - DEEP, 8+ FT	27.8522615	-97.05543991
1321	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522632	-97.06487774
2055	D	STUDY AREA D - DEEP, 8+ FT	27.8522638	-97.05559458
2535	D	STUDY AREA D - DEEP, 8+ FT	27.8522655	-97.06503242
2054	D	STUDY AREA D - DEEP, 8+ FT	27.8522661	-97.05574926
2534	D	STUDY AREA D - DEEP, 8+ FT	27.8522677	-97.06518709
2053	D	STUDY AREA D - DEEP, 8+ FT	27.8522684	-97.05590394
1665	D	STUDY AREA D - DEEP, 8+ FT	27.85227	-97.06534177
2052	D	STUDY AREA D - DEEP, 8+ FT	27.8522707	-97.05605862
1664	D	STUDY AREA D - DEEP, 8+ FT	27.8522723	-97.06549645
2051	D	STUDY AREA D - DEEP, 8+ FT	27.852273	-97.05621329
1663	D	STUDY AREA D - DEEP, 8+ FT	27.8522746	-97.06565113
2050	D	STUDY AREA D - DEEP, 8+ FT	27.8522753	-97.05636797
1662	D	STUDY AREA D - DEEP, 8+ FT	27.8522768	-97.0658058
2049	D	STUDY AREA D - DEEP, 8+ FT	27.8522775	-97.05652264
1661	D	STUDY AREA D - DEEP, 8+ FT	27.8522791	-97.06596048
2048	D	STUDY AREA D - DEEP, 8+ FT	27.8522798	-97.05667732

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1660	D	STUDY AREA D - DEEP, 8+ FT	27.8522814	-97.06611516
2047	D	STUDY AREA D - DEEP, 8+ FT	27.8522821	-97.056832
1659	D	STUDY AREA D - DEEP, 8+ FT	27.8522836	-97.06626983
2046	D	STUDY AREA D - DEEP, 8+ FT	27.8522844	-97.05698667
1658	D	STUDY AREA D - DEEP, 8+ FT	27.8522859	-97.06642451
2045	D	STUDY AREA D - DEEP, 8+ FT	27.8522867	-97.05714135
2533	D	STUDY AREA D - DEEP, 8+ FT	27.8522882	-97.06657919
2044	D	STUDY AREA D - DEEP, 8+ FT	27.852289	-97.05729603
2532	D	STUDY AREA D - DEEP, 8+ FT	27.8522905	-97.06673386
2043	D	STUDY AREA D - DEEP, 8+ FT	27.8522913	-97.0574507
2531	D	STUDY AREA D - DEEP, 8+ FT	27.8522927	-97.06688854
2042	D	STUDY AREA D - DEEP, 8+ FT	27.8522935	-97.05760538
1164	M,H,T	STUDY AREA D - SHELL HASH	27.852295	-97.06704322
2041	D	STUDY AREA D - DEEP, 8+ FT	27.8522958	-97.05776006
1269	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8522973	-97.06719789
2040	D	STUDY AREA D - DEEP, 8+ FT	27.8522981	-97.05791473
1135	F,G	STUDY AREA D - SEAGRASS PRESENT	27.8522996	-97.06735257
2039	D	STUDY AREA D - DEEP, 8+ FT	27.8523004	-97.05806941
1134	F,G	STUDY AREA D - SEAGRASS PRESENT	27.8523018	-97.06750725
2038	D	STUDY AREA D - DEEP, 8+ FT	27.8523027	-97.05822408
2037	D	STUDY AREA D - DEEP, 8+ FT	27.8523049	-97.05837876
2036	D	STUDY AREA D - DEEP, 8+ FT	27.8523072	-97.05853344
2035	D	STUDY AREA D - DEEP, 8+ FT	27.8523095	-97.05868811
2034	D	STUDY AREA D - DEEP, 8+ FT	27.8523118	-97.05884279
2033	D	STUDY AREA D - DEEP, 8+ FT	27.8523141	-97.05899747
2032	D	STUDY AREA D - DEEP, 8+ FT	27.8523164	-97.05915215
2031	D	STUDY AREA D - DEEP, 8+ FT	27.8523186	-97.05930682
2030	D	STUDY AREA D - DEEP, 8+ FT	27.8523209	-97.0594615
2029	D	STUDY AREA D - DEEP, 8+ FT	27.8523232	-97.05961617
2028	D	STUDY AREA D - DEEP, 8+ FT	27.8523255	-97.05977085
2027	D	STUDY AREA D - DEEP, 8+ FT	27.8523278	-97.05992553
2544	D	STUDY AREA D - DEEP, 8+ FT	27.85233	-97.0600802
2543	D	STUDY AREA D - DEEP, 8+ FT	27.8523323	-97.06023488
1215	M,H	STUDY AREA D - SHELL HASH	27.8523346	-97.06038956
1214	F,H	STUDY AREA D - SHELL HASH	27.8523369	-97.06054423
1206	F,H	STUDY AREA D - SHELL HASH	27.8523392	-97.06069891
1205	F,H	STUDY AREA D - SHELL HASH	27.8523414	-97.06085359
1317	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523437	-97.06100826
1316	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852346	-97.06116294
1315	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523483	-97.06131762
1260	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523506	-97.06147229
1437	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852367	-97.05327186
1436	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523693	-97.05342654
1435	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523716	-97.05358122
1434	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523739	-97.05373589
1228	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8523762	-97.05389057
2091	D	STUDY AREA D - DEEP, 8+ FT	27.8523784	-97.05404525

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2090	D	STUDY AREA D - DEEP, 8+ FT	27.8523807	-97.05419992
2089	D	STUDY AREA D - DEEP, 8+ FT	27.852383	-97.0543546
2088	D	STUDY AREA D - DEEP, 8+ FT	27.8523853	-97.05450928
2087	D	STUDY AREA D - DEEP, 8+ FT	27.8523876	-97.05466395
2086	D	STUDY AREA D - DEEP, 8+ FT	27.8523899	-97.05481863
2085	D	STUDY AREA D - DEEP, 8+ FT	27.8523922	-97.05497331
2084	D	STUDY AREA D - DEEP, 8+ FT	27.8523945	-97.05512798
2083	D	STUDY AREA D - DEEP, 8+ FT	27.8523967	-97.05528266
2082	D	STUDY AREA D - DEEP, 8+ FT	27.852399	-97.05543734
2081	D	STUDY AREA D - DEEP, 8+ FT	27.8524013	-97.05559201
1318	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524029	-97.06502986
2080	D	STUDY AREA D - DEEP, 8+ FT	27.8524036	-97.05574669
2542	D	STUDY AREA D - DEEP, 8+ FT	27.8524052	-97.06518454
2079	D	STUDY AREA D - DEEP, 8+ FT	27.8524059	-97.05590137
2541	D	STUDY AREA D - DEEP, 8+ FT	27.8524075	-97.06533921
2078	D	STUDY AREA D - DEEP, 8+ FT	27.8524082	-97.05605604
1669	D	STUDY AREA D - DEEP, 8+ FT	27.8524098	-97.06549389
2077	D	STUDY AREA D - DEEP, 8+ FT	27.8524105	-97.05621072
1668	D	STUDY AREA D - DEEP, 8+ FT	27.852412	-97.06564857
2076	D	STUDY AREA D - DEEP, 8+ FT	27.8524127	-97.0563654
1667	D	STUDY AREA D - DEEP, 8+ FT	27.8524143	-97.06580324
2075	D	STUDY AREA D - DEEP, 8+ FT	27.852415	-97.05652007
1666	D	STUDY AREA D - DEEP, 8+ FT	27.8524166	-97.06595792
2074	D	STUDY AREA D - DEEP, 8+ FT	27.8524173	-97.05667475
1657	D	STUDY AREA D - DEEP, 8+ FT	27.8524189	-97.0661126
2073	D	STUDY AREA D - DEEP, 8+ FT	27.8524196	-97.05682943
1656	D	STUDY AREA D - DEEP, 8+ FT	27.8524211	-97.06626727
2072	D	STUDY AREA D - DEEP, 8+ FT	27.8524219	-97.0569841
1654	D	STUDY AREA D - DEEP, 8+ FT	27.8524234	-97.06642195
2071	D	STUDY AREA D - DEEP, 8+ FT	27.8524242	-97.05713878
1653	D	STUDY AREA D - DEEP, 8+ FT	27.8524257	-97.06657663
2070	D	STUDY AREA D - DEEP, 8+ FT	27.8524264	-97.05729346
1655	D	STUDY AREA D - DEEP, 8+ FT	27.8524279	-97.06673131
2069	D	STUDY AREA D - DEEP, 8+ FT	27.8524287	-97.05744813
2540	D	STUDY AREA D - DEEP, 8+ FT	27.8524302	-97.06688598
2068	D	STUDY AREA D - DEEP, 8+ FT	27.852431	-97.05760281
2539	D	STUDY AREA D - DEEP, 8+ FT	27.8524325	-97.06704066
2067	D	STUDY AREA D - DEEP, 8+ FT	27.8524333	-97.05775749
1209	M,H	STUDY AREA D - SHELL HASH	27.8524348	-97.06719534
2066	D	STUDY AREA D - DEEP, 8+ FT	27.8524356	-97.05791216
1272	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852437	-97.06735001
2026	D	STUDY AREA D - DEEP, 8+ FT	27.8524379	-97.05806684
1270	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524393	-97.06750469
2025	D	STUDY AREA D - DEEP, 8+ FT	27.8524401	-97.05822152
1145	F,Is	STUDY AREA D - INTERTIDAL MARSH	27.8524416	-97.06765937
2024	D	STUDY AREA D - DEEP, 8+ FT	27.8524424	-97.05837619
2023	D	STUDY AREA D - DEEP, 8+ FT	27.8524447	-97.05853087

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2022	D	STUDY AREA D - DEEP, 8+ FT	27.852447	-97.05868555
1968	D	STUDY AREA D - DEEP, 8+ FT	27.8524493	-97.05884022
1967	D	STUDY AREA D - DEEP, 8+ FT	27.8524516	-97.0589949
1966	D	STUDY AREA D - DEEP, 8+ FT	27.8524538	-97.05914958
1965	D	STUDY AREA D - DEEP, 8+ FT	27.8524561	-97.05930425
1964	D	STUDY AREA D - DEEP, 8+ FT	27.8524584	-97.05945893
1963	D	STUDY AREA D - DEEP, 8+ FT	27.8524607	-97.05961361
1962	D	STUDY AREA D - DEEP, 8+ FT	27.852463	-97.05976829
1961	D	STUDY AREA D - DEEP, 8+ FT	27.8524652	-97.05992296
2549	D	STUDY AREA D - DEEP, 8+ FT	27.8524675	-97.06007764
1219	F,H	STUDY AREA D - SHELL HASH	27.8524698	-97.06023232
1289	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524721	-97.06038699
1220	M,H	STUDY AREA D - SHELL HASH	27.8524744	-97.06054167
1337	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524766	-97.06069635
1336	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524789	-97.06085102
1335	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524812	-97.0610057
1216	F,H	STUDY AREA D - SHELL HASH	27.8524835	-97.06116038
1288	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8524858	-97.06131505
1433	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525022	-97.05311461
1432	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525045	-97.05326929
1431	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525068	-97.05342397
1430	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525091	-97.05357864
1429	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525113	-97.05373332
1226	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525136	-97.053888
1935	D	STUDY AREA D - DEEP, 8+ FT	27.8525159	-97.05404267
2129	D	STUDY AREA D - DEEP, 8+ FT	27.8525182	-97.05419735
2128	D	STUDY AREA D - DEEP, 8+ FT	27.8525205	-97.05435203
2127	D	STUDY AREA D - DEEP, 8+ FT	27.8525228	-97.0545067
2126	D	STUDY AREA D - DEEP, 8+ FT	27.8525251	-97.05466138
2125	D	STUDY AREA D - DEEP, 8+ FT	27.8525274	-97.05481606
2124	D	STUDY AREA D - DEEP, 8+ FT	27.8525296	-97.05497073
2123	D	STUDY AREA D - DEEP, 8+ FT	27.8525319	-97.05512541
2122	D	STUDY AREA D - DEEP, 8+ FT	27.8525342	-97.05528009
2121	D	STUDY AREA D - DEEP, 8+ FT	27.8525365	-97.05543477
2120	D	STUDY AREA D - DEEP, 8+ FT	27.8525388	-97.05558944
2119	D	STUDY AREA D - DEEP, 8+ FT	27.8525411	-97.05574412
1334	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525427	-97.06518198
2118	D	STUDY AREA D - DEEP, 8+ FT	27.8525434	-97.0558988
2548	D	STUDY AREA D - DEEP, 8+ FT	27.852545	-97.06533665
2117	D	STUDY AREA D - DEEP, 8+ FT	27.8525456	-97.05605347
2547	D	STUDY AREA D - DEEP, 8+ FT	27.8525472	-97.06549133
2116	D	STUDY AREA D - DEEP, 8+ FT	27.8525479	-97.05620815
1678	D	STUDY AREA D - DEEP, 8+ FT	27.8525495	-97.06564601
2115	D	STUDY AREA D - DEEP, 8+ FT	27.8525502	-97.05636283
1677	D	STUDY AREA D - DEEP, 8+ FT	27.8525518	-97.06580068
2114	D	STUDY AREA D - DEEP, 8+ FT	27.8525525	-97.0565175
1676	D	STUDY AREA D - DEEP, 8+ FT	27.8525541	-97.06595536

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2113	D	STUDY AREA D - DEEP, 8+ FT	27.8525548	-97.05667218
1675	D	STUDY AREA D - DEEP, 8+ FT	27.8525563	-97.06611004
2112	D	STUDY AREA D - DEEP, 8+ FT	27.8525571	-97.05682686
1674	D	STUDY AREA D - DEEP, 8+ FT	27.8525586	-97.06626472
2111	D	STUDY AREA D - DEEP, 8+ FT	27.8525594	-97.05698153
1673	D	STUDY AREA D - DEEP, 8+ FT	27.8525609	-97.06641939
2110	D	STUDY AREA D - DEEP, 8+ FT	27.8525616	-97.05713621
1672	D	STUDY AREA D - DEEP, 8+ FT	27.8525632	-97.06657407
2109	D	STUDY AREA D - DEEP, 8+ FT	27.8525639	-97.05729089
1671	D	STUDY AREA D - DEEP, 8+ FT	27.8525654	-97.06672875
2108	D	STUDY AREA D - DEEP, 8+ FT	27.8525662	-97.05744556
1670	D	STUDY AREA D - DEEP, 8+ FT	27.8525677	-97.06688343
2107	D	STUDY AREA D - DEEP, 8+ FT	27.8525685	-97.05760024
2546	D	STUDY AREA D - DEEP, 8+ FT	27.85257	-97.0670381
2106	D	STUDY AREA D - DEEP, 8+ FT	27.8525708	-97.05775492
2545	D	STUDY AREA D - DEEP, 8+ FT	27.8525722	-97.06719278
2105	D	STUDY AREA D - DEEP, 8+ FT	27.8525731	-97.0579096
1195	M,H	STUDY AREA D - SHELL HASH	27.8525745	-97.06734746
2104	D	STUDY AREA D - DEEP, 8+ FT	27.8525753	-97.05806427
1310	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8525768	-97.06750213
2103	D	STUDY AREA D - DEEP, 8+ FT	27.8525776	-97.05821895
1153	F,H	STUDY AREA D - SHELL HASH	27.8525791	-97.06765681
2102	D	STUDY AREA D - DEEP, 8+ FT	27.8525799	-97.05837362
1151	F,H	STUDY AREA D - SHELL HASH	27.8525813	-97.06781149
2101	D	STUDY AREA D - DEEP, 8+ FT	27.8525822	-97.0585283
2100	D	STUDY AREA D - DEEP, 8+ FT	27.8525845	-97.05868298
2099	D	STUDY AREA D - DEEP, 8+ FT	27.8525868	-97.05883766
2098	D	STUDY AREA D - DEEP, 8+ FT	27.852589	-97.05899233
2097	D	STUDY AREA D - DEEP, 8+ FT	27.8525913	-97.05914701
2096	D	STUDY AREA D - DEEP, 8+ FT	27.8525936	-97.05930169
2095	D	STUDY AREA D - DEEP, 8+ FT	27.8525959	-97.05945636
2094	D	STUDY AREA D - DEEP, 8+ FT	27.8525982	-97.05961104
2093	D	STUDY AREA D - DEEP, 8+ FT	27.8526004	-97.05976572
2092	D	STUDY AREA D - DEEP, 8+ FT	27.8526027	-97.05992039
2551	D	STUDY AREA D - DEEP, 8+ FT	27.852605	-97.06007507
1309	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526073	-97.06022975
1199	F,H	STUDY AREA D - SHELL HASH	27.8526096	-97.06038443
1308	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526118	-97.0605391
1307	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526141	-97.06069378
1196	F,H	STUDY AREA D - SHELL HASH	27.8526164	-97.06084846
1305	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526187	-97.06100314
1284	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852621	-97.06115781
1428	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526374	-97.05295736
1427	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526397	-97.05311204
1426	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852642	-97.05326671
1425	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526442	-97.05342139
1424	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526465	-97.05357607

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1423	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526488	-97.05373075
1652	D	STUDY AREA D - DEEP, 8+ FT	27.8526511	-97.05388542
2176	D	STUDY AREA D - DEEP, 8+ FT	27.8526534	-97.0540401
2175	D	STUDY AREA D - DEEP, 8+ FT	27.8526557	-97.05419478
2174	D	STUDY AREA D - DEEP, 8+ FT	27.852658	-97.05434945
2173	D	STUDY AREA D - DEEP, 8+ FT	27.8526603	-97.05450413
2172	D	STUDY AREA D - DEEP, 8+ FT	27.8526625	-97.05465881
2171	D	STUDY AREA D - DEEP, 8+ FT	27.8526648	-97.05481349
2170	D	STUDY AREA D - DEEP, 8+ FT	27.8526671	-97.05496816
2169	D	STUDY AREA D - DEEP, 8+ FT	27.8526694	-97.05512284
2168	D	STUDY AREA D - DEEP, 8+ FT	27.8526717	-97.05527752
2167	D	STUDY AREA D - DEEP, 8+ FT	27.852674	-97.05543219
2166	D	STUDY AREA D - DEEP, 8+ FT	27.8526763	-97.05558687
2165	D	STUDY AREA D - DEEP, 8+ FT	27.8526786	-97.05574155
2164	D	STUDY AREA D - DEEP, 8+ FT	27.8526808	-97.05589622
1306	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8526824	-97.0653341
2163	D	STUDY AREA D - DEEP, 8+ FT	27.8526831	-97.0560509
2555	D	STUDY AREA D - DEEP, 8+ FT	27.8526847	-97.06548877
2162	D	STUDY AREA D - DEEP, 8+ FT	27.8526854	-97.05620558
2554	D	STUDY AREA D - DEEP, 8+ FT	27.852687	-97.06564345
2161	D	STUDY AREA D - DEEP, 8+ FT	27.8526877	-97.05636026
1687	D	STUDY AREA D - DEEP, 8+ FT	27.8526893	-97.06579813
2160	D	STUDY AREA D - DEEP, 8+ FT	27.85269	-97.05651493
1686	D	STUDY AREA D - DEEP, 8+ FT	27.8526915	-97.0659528
2159	D	STUDY AREA D - DEEP, 8+ FT	27.8526923	-97.05666961
1685	D	STUDY AREA D - DEEP, 8+ FT	27.8526938	-97.06610748
2158	D	STUDY AREA D - DEEP, 8+ FT	27.8526945	-97.05682429
1684	D	STUDY AREA D - DEEP, 8+ FT	27.8526961	-97.06626216
2157	D	STUDY AREA D - DEEP, 8+ FT	27.8526968	-97.05697896
1683	D	STUDY AREA D - DEEP, 8+ FT	27.8526984	-97.06641684
2156	D	STUDY AREA D - DEEP, 8+ FT	27.8526991	-97.05713364
1682	D	STUDY AREA D - DEEP, 8+ FT	27.8527006	-97.06657151
2155	D	STUDY AREA D - DEEP, 8+ FT	27.8527014	-97.05728832
1681	D	STUDY AREA D - DEEP, 8+ FT	27.8527029	-97.06672619
2154	D	STUDY AREA D - DEEP, 8+ FT	27.8527037	-97.05744299
1680	D	STUDY AREA D - DEEP, 8+ FT	27.8527052	-97.06688087
2153	D	STUDY AREA D - DEEP, 8+ FT	27.852706	-97.05759767
1679	D	STUDY AREA D - DEEP, 8+ FT	27.8527074	-97.06703555
2152	D	STUDY AREA D - DEEP, 8+ FT	27.8527083	-97.05775235
2553	D	STUDY AREA D - DEEP, 8+ FT	27.8527097	-97.06719022
2151	D	STUDY AREA D - DEEP, 8+ FT	27.8527105	-97.05790703
2550	D	STUDY AREA D - DEEP, 8+ FT	27.852712	-97.0673449
2150	D	STUDY AREA D - DEEP, 8+ FT	27.8527128	-97.0580617
1213	F,H	STUDY AREA D - SHELL HASH	27.8527143	-97.06749958
2149	D	STUDY AREA D - DEEP, 8+ FT	27.8527151	-97.05821638
1323	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527165	-97.06765426
2148	D	STUDY AREA D - DEEP, 8+ FT	27.8527174	-97.05837106

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1149	F,H	STUDY AREA D - SHELL HASH	27.8527188	-97.06780893
2147	D	STUDY AREA D - DEEP, 8+ FT	27.8527197	-97.05852573
1290	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527211	-97.06796361
2146	D	STUDY AREA D - DEEP, 8+ FT	27.8527219	-97.05868041
2145	D	STUDY AREA D - DEEP, 8+ FT	27.8527242	-97.05883509
2144	D	STUDY AREA D - DEEP, 8+ FT	27.8527265	-97.05898977
2143	D	STUDY AREA D - DEEP, 8+ FT	27.8527288	-97.05914444
2142	D	STUDY AREA D - DEEP, 8+ FT	27.8527311	-97.05929912
2141	D	STUDY AREA D - DEEP, 8+ FT	27.8527334	-97.0594538
2140	D	STUDY AREA D - DEEP, 8+ FT	27.8527356	-97.05960847
2139	D	STUDY AREA D - DEEP, 8+ FT	27.8527379	-97.05976315
2564	D	STUDY AREA D - DEEP, 8+ FT	27.8527402	-97.05991783
2563	D	STUDY AREA D - DEEP, 8+ FT	27.8527425	-97.06007251
1211	F,H	STUDY AREA D - SHELL HASH	27.8527448	-97.06022718
1210	F,H	STUDY AREA D - SHELL HASH	27.852747	-97.06038186
1333	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527493	-97.06053654
1332	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527516	-97.06069122
1331	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527539	-97.06084589
1285	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527562	-97.06100057
1422	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527749	-97.05295479
1421	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527771	-97.05310946
1420	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527794	-97.05326414
1419	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527817	-97.05341882
1418	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852784	-97.05357349
1417	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8527863	-97.05372817
2205	D	STUDY AREA D - DEEP, 8+ FT	27.8527886	-97.05388285
2204	D	STUDY AREA D - DEEP, 8+ FT	27.8527909	-97.05403753
2203	D	STUDY AREA D - DEEP, 8+ FT	27.8527932	-97.0541922
2202	D	STUDY AREA D - DEEP, 8+ FT	27.8527955	-97.05434688
2201	D	STUDY AREA D - DEEP, 8+ FT	27.8527977	-97.05450156
2200	D	STUDY AREA D - DEEP, 8+ FT	27.8528	-97.05465623
2199	D	STUDY AREA D - DEEP, 8+ FT	27.8528023	-97.05481091
2198	D	STUDY AREA D - DEEP, 8+ FT	27.8528046	-97.05496559
2197	D	STUDY AREA D - DEEP, 8+ FT	27.8528069	-97.05512027
2196	D	STUDY AREA D - DEEP, 8+ FT	27.8528092	-97.05527494
2195	D	STUDY AREA D - DEEP, 8+ FT	27.8528115	-97.05542962
2194	D	STUDY AREA D - DEEP, 8+ FT	27.8528137	-97.0555843
2193	D	STUDY AREA D - DEEP, 8+ FT	27.852816	-97.05573897
2192	D	STUDY AREA D - DEEP, 8+ FT	27.8528183	-97.05589365
2191	D	STUDY AREA D - DEEP, 8+ FT	27.8528206	-97.05604833
1330	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8528222	-97.06548621
2190	D	STUDY AREA D - DEEP, 8+ FT	27.8528229	-97.05620301
2562	D	STUDY AREA D - DEEP, 8+ FT	27.8528245	-97.06564089
2189	D	STUDY AREA D - DEEP, 8+ FT	27.8528252	-97.05635768
2552	D	STUDY AREA D - DEEP, 8+ FT	27.8528267	-97.06579557
2188	D	STUDY AREA D - DEEP, 8+ FT	27.8528275	-97.05651236
1746	D	STUDY AREA D - DEEP, 8+ FT	27.852829	-97.06595025

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2187	D	STUDY AREA D - DEEP, 8+ FT	27.8528297	-97.05666704
1745	D	STUDY AREA D - DEEP, 8+ FT	27.8528313	-97.06610492
2186	D	STUDY AREA D - DEEP, 8+ FT	27.852832	-97.05682172
1744	D	STUDY AREA D - DEEP, 8+ FT	27.8528336	-97.0662596
2185	D	STUDY AREA D - DEEP, 8+ FT	27.8528343	-97.05697639
1743	D	STUDY AREA D - DEEP, 8+ FT	27.8528358	-97.06641428
2184	D	STUDY AREA D - DEEP, 8+ FT	27.8528366	-97.05713107
1742	D	STUDY AREA D - DEEP, 8+ FT	27.8528381	-97.06656896
2183	D	STUDY AREA D - DEEP, 8+ FT	27.8528389	-97.05728575
1691	D	STUDY AREA D - DEEP, 8+ FT	27.8528404	-97.06672363
2182	D	STUDY AREA D - DEEP, 8+ FT	27.8528412	-97.05744043
1690	D	STUDY AREA D - DEEP, 8+ FT	27.8528427	-97.06687831
2181	D	STUDY AREA D - DEEP, 8+ FT	27.8528434	-97.0575951
1689	D	STUDY AREA D - DEEP, 8+ FT	27.8528449	-97.06703299
2180	D	STUDY AREA D - DEEP, 8+ FT	27.8528457	-97.05774978
1688	D	STUDY AREA D - DEEP, 8+ FT	27.8528472	-97.06718767
2179	D	STUDY AREA D - DEEP, 8+ FT	27.852848	-97.05790446
2561	D	STUDY AREA D - DEEP, 8+ FT	27.8528495	-97.06734234
2178	D	STUDY AREA D - DEEP, 8+ FT	27.8528503	-97.05805913
2560	D	STUDY AREA D - DEEP, 8+ FT	27.8528517	-97.06749702
2177	D	STUDY AREA D - DEEP, 8+ FT	27.8528526	-97.05821381
1212	F,H	STUDY AREA D - SHELL HASH	27.852854	-97.0676517
2138	D	STUDY AREA D - DEEP, 8+ FT	27.8528549	-97.05836849
1204	M,H	STUDY AREA D - SHELL HASH	27.8528563	-97.06780638
2137	D	STUDY AREA D - DEEP, 8+ FT	27.8528571	-97.05852317
1143	M,H,G	STUDY AREA D - SEAGRASS PRESENT	27.8528586	-97.06796105
2136	D	STUDY AREA D - DEEP, 8+ FT	27.8528594	-97.05867784
1286	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8528608	-97.06811573
2135	D	STUDY AREA D - DEEP, 8+ FT	27.8528617	-97.05883252
2134	D	STUDY AREA D - DEEP, 8+ FT	27.852864	-97.0589872
2133	D	STUDY AREA D - DEEP, 8+ FT	27.8528663	-97.05914188
2132	D	STUDY AREA D - DEEP, 8+ FT	27.8528686	-97.05929655
2131	D	STUDY AREA D - DEEP, 8+ FT	27.8528708	-97.05945123
2130	D	STUDY AREA D - DEEP, 8+ FT	27.8528731	-97.05960591
2559	D	STUDY AREA D - DEEP, 8+ FT	27.8528754	-97.05976059
2558	D	STUDY AREA D - DEEP, 8+ FT	27.8528777	-97.05991526
1224	M,H	STUDY AREA D - SHELL HASH	27.85288	-97.06006994
1223	M,H	STUDY AREA D - SHELL HASH	27.8528822	-97.06022462
1221	M,H	STUDY AREA D - SHELL HASH	27.8528845	-97.0603793
1343	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8528868	-97.06053397
1342	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8528891	-97.06068865
1291	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8528914	-97.06084333
1416	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529123	-97.05295221
1415	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529146	-97.05310689
1414	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529169	-97.05326157
1413	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529192	-97.05341624
1412	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529215	-97.05357092

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1411	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529238	-97.0537256
2242	D	STUDY AREA D - DEEP, 8+ FT	27.8529261	-97.05388027
2241	D	STUDY AREA D - DEEP, 8+ FT	27.8529284	-97.05403495
2240	D	STUDY AREA D - DEEP, 8+ FT	27.8529306	-97.05418963
2239	D	STUDY AREA D - DEEP, 8+ FT	27.8529329	-97.05434431
2238	D	STUDY AREA D - DEEP, 8+ FT	27.8529352	-97.05449898
2237	D	STUDY AREA D - DEEP, 8+ FT	27.8529375	-97.05465366
2236	D	STUDY AREA D - DEEP, 8+ FT	27.8529398	-97.05480834
2235	D	STUDY AREA D - DEEP, 8+ FT	27.8529421	-97.05496302
2234	D	STUDY AREA D - DEEP, 8+ FT	27.8529444	-97.05511769
2233	D	STUDY AREA D - DEEP, 8+ FT	27.8529467	-97.05527237
2232	D	STUDY AREA D - DEEP, 8+ FT	27.8529489	-97.05542705
2231	D	STUDY AREA D - DEEP, 8+ FT	27.8529512	-97.05558173
2230	D	STUDY AREA D - DEEP, 8+ FT	27.8529535	-97.0557364
2229	D	STUDY AREA D - DEEP, 8+ FT	27.8529558	-97.05589108
2228	D	STUDY AREA D - DEEP, 8+ FT	27.8529581	-97.05604576
1287	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529597	-97.06548366
2227	D	STUDY AREA D - DEEP, 8+ FT	27.8529604	-97.05620044
1341	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8529619	-97.06563833
2226	D	STUDY AREA D - DEEP, 8+ FT	27.8529627	-97.05635511
2568	D	STUDY AREA D - DEEP, 8+ FT	27.8529642	-97.06579301
2225	D	STUDY AREA D - DEEP, 8+ FT	27.8529649	-97.05650979
1776	D	STUDY AREA D - DEEP, 8+ FT	27.8529665	-97.06594769
2224	D	STUDY AREA D - DEEP, 8+ FT	27.8529672	-97.05666447
1775	D	STUDY AREA D - DEEP, 8+ FT	27.8529688	-97.06610236
2223	D	STUDY AREA D - DEEP, 8+ FT	27.8529695	-97.05681915
1774	D	STUDY AREA D - DEEP, 8+ FT	27.852971	-97.06625704
2222	D	STUDY AREA D - DEEP, 8+ FT	27.8529718	-97.05697382
1773	D	STUDY AREA D - DEEP, 8+ FT	27.8529733	-97.06641172
2221	D	STUDY AREA D - DEEP, 8+ FT	27.8529741	-97.0571285
1772	D	STUDY AREA D - DEEP, 8+ FT	27.8529756	-97.0665664
2220	D	STUDY AREA D - DEEP, 8+ FT	27.8529764	-97.05728318
1771	D	STUDY AREA D - DEEP, 8+ FT	27.8529779	-97.06672108
2219	D	STUDY AREA D - DEEP, 8+ FT	27.8529786	-97.05743786
1770	D	STUDY AREA D - DEEP, 8+ FT	27.8529801	-97.06687575
2218	D	STUDY AREA D - DEEP, 8+ FT	27.8529809	-97.05759253
1749	D	STUDY AREA D - DEEP, 8+ FT	27.8529824	-97.06703043
2217	D	STUDY AREA D - DEEP, 8+ FT	27.8529832	-97.05774721
1748	D	STUDY AREA D - DEEP, 8+ FT	27.8529847	-97.06718511
2216	D	STUDY AREA D - DEEP, 8+ FT	27.8529855	-97.05790189
1747	D	STUDY AREA D - DEEP, 8+ FT	27.852987	-97.06733979
2215	D	STUDY AREA D - DEEP, 8+ FT	27.8529878	-97.05805657
2567	D	STUDY AREA D - DEEP, 8+ FT	27.8529892	-97.06749447
2214	D	STUDY AREA D - DEEP, 8+ FT	27.8529901	-97.05821124
2566	D	STUDY AREA D - DEEP, 8+ FT	27.8529915	-97.06764914
2213	D	STUDY AREA D - DEEP, 8+ FT	27.8529923	-97.05836592
2565	D	STUDY AREA D - DEEP, 8+ FT	27.8529938	-97.06780382

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2212	D	STUDY AREA D - DEEP, 8+ FT	27.8529946	-97.0585206
1304	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.852996	-97.0679585
2211	D	STUDY AREA D - DEEP, 8+ FT	27.8529969	-97.05867528
2210	D	STUDY AREA D - DEEP, 8+ FT	27.8529992	-97.05882995
2209	D	STUDY AREA D - DEEP, 8+ FT	27.8530015	-97.05898463
2208	D	STUDY AREA D - DEEP, 8+ FT	27.8530038	-97.05913931
2207	D	STUDY AREA D - DEEP, 8+ FT	27.853006	-97.05929399
2206	D	STUDY AREA D - DEEP, 8+ FT	27.8530083	-97.05944866
2571	D	STUDY AREA D - DEEP, 8+ FT	27.8530106	-97.05960334
2570	D	STUDY AREA D - DEEP, 8+ FT	27.8530129	-97.05975802
1297	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530152	-97.0599127
1293	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530174	-97.06006737
1218	M,H	STUDY AREA D - SHELL HASH	27.8530197	-97.06022205
1339	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.853022	-97.06037673
1338	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530243	-97.06053141
1292	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530266	-97.06068609
1410	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530521	-97.05310431
1409	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530544	-97.05325899
1408	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8530567	-97.05341367
1407	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.853059	-97.05356835
1651	D	STUDY AREA D - DEEP, 8+ FT	27.8530613	-97.05372302
2279	D	STUDY AREA D - DEEP, 8+ FT	27.8530635	-97.0538777
2278	D	STUDY AREA D - DEEP, 8+ FT	27.8530658	-97.05403238
2277	D	STUDY AREA D - DEEP, 8+ FT	27.8530681	-97.05418705
2276	D	STUDY AREA D - DEEP, 8+ FT	27.8530704	-97.05434173
2275	D	STUDY AREA D - DEEP, 8+ FT	27.8530727	-97.05449641
2274	D	STUDY AREA D - DEEP, 8+ FT	27.853075	-97.05465109
2273	D	STUDY AREA D - DEEP, 8+ FT	27.8530773	-97.05480577
2272	D	STUDY AREA D - DEEP, 8+ FT	27.8530796	-97.05496044
2271	D	STUDY AREA D - DEEP, 8+ FT	27.8530818	-97.05511512
2270	D	STUDY AREA D - DEEP, 8+ FT	27.8530841	-97.0552698
2269	D	STUDY AREA D - DEEP, 8+ FT	27.8530864	-97.05542448
2268	D	STUDY AREA D - DEEP, 8+ FT	27.8530887	-97.05557915
2267	D	STUDY AREA D - DEEP, 8+ FT	27.853091	-97.05573383
2266	D	STUDY AREA D - DEEP, 8+ FT	27.8530933	-97.05588851
2265	D	STUDY AREA D - DEEP, 8+ FT	27.8530956	-97.05604319
2264	D	STUDY AREA D - DEEP, 8+ FT	27.8530978	-97.05619786
1152	F,H	STUDY AREA D - SHELL HASH	27.8530994	-97.06563577
2263	D	STUDY AREA D - DEEP, 8+ FT	27.8531001	-97.05635254
2480	D	STUDY AREA D - DEEP, 8+ FT	27.8531017	-97.06579045
2262	D	STUDY AREA D - DEEP, 8+ FT	27.8531024	-97.05650722
2569	D	STUDY AREA D - DEEP, 8+ FT	27.853104	-97.06594513
2261	D	STUDY AREA D - DEEP, 8+ FT	27.8531047	-97.0566619
1760	D	STUDY AREA D - DEEP, 8+ FT	27.8531062	-97.06609981
2260	D	STUDY AREA D - DEEP, 8+ FT	27.853107	-97.05681658
1759	D	STUDY AREA D - DEEP, 8+ FT	27.8531085	-97.06625448
2259	D	STUDY AREA D - DEEP, 8+ FT	27.8531093	-97.05697125

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1758	D	STUDY AREA D - DEEP, 8+ FT	27.8531108	-97.06640916
2258	D	STUDY AREA D - DEEP, 8+ FT	27.8531116	-97.05712593
1757	D	STUDY AREA D - DEEP, 8+ FT	27.8531131	-97.06656384
2257	D	STUDY AREA D - DEEP, 8+ FT	27.8531138	-97.05728061
1756	D	STUDY AREA D - DEEP, 8+ FT	27.8531153	-97.06671852
2256	D	STUDY AREA D - DEEP, 8+ FT	27.8531161	-97.05743529
1755	D	STUDY AREA D - DEEP, 8+ FT	27.8531176	-97.0668732
2255	D	STUDY AREA D - DEEP, 8+ FT	27.8531184	-97.05758996
1754	D	STUDY AREA D - DEEP, 8+ FT	27.8531199	-97.06702788
2254	D	STUDY AREA D - DEEP, 8+ FT	27.8531207	-97.05774464
1753	D	STUDY AREA D - DEEP, 8+ FT	27.8531222	-97.06718255
2253	D	STUDY AREA D - DEEP, 8+ FT	27.853123	-97.05789932
1752	D	STUDY AREA D - DEEP, 8+ FT	27.8531244	-97.06733723
2252	D	STUDY AREA D - DEEP, 8+ FT	27.8531253	-97.058054
1751	D	STUDY AREA D - DEEP, 8+ FT	27.8531267	-97.06749191
2251	D	STUDY AREA D - DEEP, 8+ FT	27.8531275	-97.05820867
1750	D	STUDY AREA D - DEEP, 8+ FT	27.853129	-97.06764659
2250	D	STUDY AREA D - DEEP, 8+ FT	27.8531298	-97.05836335
2249	D	STUDY AREA D - DEEP, 8+ FT	27.8531321	-97.05851803
2248	D	STUDY AREA D - DEEP, 8+ FT	27.8531344	-97.05867271
2247	D	STUDY AREA D - DEEP, 8+ FT	27.8531367	-97.05882739
2246	D	STUDY AREA D - DEEP, 8+ FT	27.8531389	-97.05898206
2245	D	STUDY AREA D - DEEP, 8+ FT	27.8531412	-97.05913674
2244	D	STUDY AREA D - DEEP, 8+ FT	27.8531435	-97.05929142
2243	D	STUDY AREA D - DEEP, 8+ FT	27.8531458	-97.0594461
2556	D	STUDY AREA D - DEEP, 8+ FT	27.8531481	-97.05960078
1217	F,H	STUDY AREA D - SHELL HASH	27.8531504	-97.05975545
1340	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531526	-97.05991013
1327	S	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531549	-97.06006481
1325	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531572	-97.06021949
1222	S,H	STUDY AREA D - SHELL HASH	27.8531595	-97.06037416
1298	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531618	-97.06052884
1406	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531896	-97.05310174
1405	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531919	-97.05325642
1404	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531942	-97.05341109
1403	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8531964	-97.05356577
2317	D	STUDY AREA D - DEEP, 8+ FT	27.8531987	-97.05372045
2316	D	STUDY AREA D - DEEP, 8+ FT	27.853201	-97.05387513
2315	D	STUDY AREA D - DEEP, 8+ FT	27.8532033	-97.0540298
2314	D	STUDY AREA D - DEEP, 8+ FT	27.8532056	-97.05418448
2313	D	STUDY AREA D - DEEP, 8+ FT	27.8532079	-97.05433916
2312	D	STUDY AREA D - DEEP, 8+ FT	27.8532102	-97.05449384
2311	D	STUDY AREA D - DEEP, 8+ FT	27.8532125	-97.05464851
2310	D	STUDY AREA D - DEEP, 8+ FT	27.8532147	-97.05480319
2309	D	STUDY AREA D - DEEP, 8+ FT	27.853217	-97.05495787
2308	D	STUDY AREA D - DEEP, 8+ FT	27.8532193	-97.05511255
2307	D	STUDY AREA D - DEEP, 8+ FT	27.8532216	-97.05526723

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2306	D	STUDY AREA D - DEEP, 8+ FT	27.8532239	-97.0554219
2305	D	STUDY AREA D - DEEP, 8+ FT	27.8532262	-97.05557658
2304	D	STUDY AREA D - DEEP, 8+ FT	27.8532285	-97.05573126
2303	D	STUDY AREA D - DEEP, 8+ FT	27.8532308	-97.05588594
2302	D	STUDY AREA D - DEEP, 8+ FT	27.853233	-97.05604062
2301	D	STUDY AREA D - DEEP, 8+ FT	27.8532353	-97.05619529
2300	D	STUDY AREA D - DEEP, 8+ FT	27.8532376	-97.05634997
1154	M,H	STUDY AREA D - SHELL HASH	27.8532392	-97.06578789
2299	D	STUDY AREA D - DEEP, 8+ FT	27.8532399	-97.05650465
2573	D	STUDY AREA D - DEEP, 8+ FT	27.8532415	-97.06594257
2298	D	STUDY AREA D - DEEP, 8+ FT	27.8532422	-97.05665933
2572	D	STUDY AREA D - DEEP, 8+ FT	27.8532437	-97.06609725
2297	D	STUDY AREA D - DEEP, 8+ FT	27.8532445	-97.05681401
1769	D	STUDY AREA D - DEEP, 8+ FT	27.853246	-97.06625193
2296	D	STUDY AREA D - DEEP, 8+ FT	27.8532467	-97.05696868
1768	D	STUDY AREA D - DEEP, 8+ FT	27.8532483	-97.06640661
2295	D	STUDY AREA D - DEEP, 8+ FT	27.853249	-97.05712336
1767	D	STUDY AREA D - DEEP, 8+ FT	27.8532505	-97.06656128
2294	D	STUDY AREA D - DEEP, 8+ FT	27.8532513	-97.05727804
1766	D	STUDY AREA D - DEEP, 8+ FT	27.8532528	-97.06671596
2293	D	STUDY AREA D - DEEP, 8+ FT	27.8532536	-97.05743272
1765	D	STUDY AREA D - DEEP, 8+ FT	27.8532551	-97.06687064
2292	D	STUDY AREA D - DEEP, 8+ FT	27.8532559	-97.0575874
1764	D	STUDY AREA D - DEEP, 8+ FT	27.8532574	-97.06702532
2291	D	STUDY AREA D - DEEP, 8+ FT	27.8532582	-97.05774207
1763	D	STUDY AREA D - DEEP, 8+ FT	27.8532596	-97.06718
2290	D	STUDY AREA D - DEEP, 8+ FT	27.8532605	-97.05789675
1762	D	STUDY AREA D - DEEP, 8+ FT	27.8532619	-97.06733468
2289	D	STUDY AREA D - DEEP, 8+ FT	27.8532627	-97.05805143
1761	D	STUDY AREA D - DEEP, 8+ FT	27.8532642	-97.06748935
2288	D	STUDY AREA D - DEEP, 8+ FT	27.853265	-97.05820611
2287	D	STUDY AREA D - DEEP, 8+ FT	27.8532673	-97.05836078
2286	D	STUDY AREA D - DEEP, 8+ FT	27.8532696	-97.05851546
2285	D	STUDY AREA D - DEEP, 8+ FT	27.8532719	-97.05867014
2284	D	STUDY AREA D - DEEP, 8+ FT	27.8532741	-97.05882482
2283	D	STUDY AREA D - DEEP, 8+ FT	27.8532764	-97.0589795
2282	D	STUDY AREA D - DEEP, 8+ FT	27.8532787	-97.05913417
2281	D	STUDY AREA D - DEEP, 8+ FT	27.853281	-97.05928885
2574	D	STUDY AREA D - DEEP, 8+ FT	27.8532833	-97.05944353
2557	D	STUDY AREA D - DEEP, 8+ FT	27.8532856	-97.05959821
1377	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8532878	-97.05975289
1190	F,H	STUDY AREA D - SHELL HASH	27.8532901	-97.05990756
1376	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8532924	-97.06006224
1375	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8532947	-97.06021692
1402	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8533271	-97.05309916
1401	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8533294	-97.05325384
1400	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8533316	-97.05340852

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1399	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8533339	-97.0535632
2352	D	STUDY AREA D - DEEP, 8+ FT	27.8533362	-97.05371787
2351	D	STUDY AREA D - DEEP, 8+ FT	27.8533385	-97.05387255
2350	D	STUDY AREA D - DEEP, 8+ FT	27.8533408	-97.05402723
2349	D	STUDY AREA D - DEEP, 8+ FT	27.8533431	-97.05418191
2347	D	STUDY AREA D - DEEP, 8+ FT	27.8533454	-97.05433659
2348	D	STUDY AREA D - DEEP, 8+ FT	27.8533477	-97.05449126
2346	D	STUDY AREA D - DEEP, 8+ FT	27.8533499	-97.05464594
2345	D	STUDY AREA D - DEEP, 8+ FT	27.8533522	-97.05480062
2344	D	STUDY AREA D - DEEP, 8+ FT	27.8533545	-97.0549553
2343	D	STUDY AREA D - DEEP, 8+ FT	27.8533568	-97.05510998
2342	D	STUDY AREA D - DEEP, 8+ FT	27.8533591	-97.05526465
2341	D	STUDY AREA D - DEEP, 8+ FT	27.8533614	-97.05541933
2340	D	STUDY AREA D - DEEP, 8+ FT	27.8533637	-97.05557401
2339	D	STUDY AREA D - DEEP, 8+ FT	27.8533659	-97.05572869
2338	D	STUDY AREA D - DEEP, 8+ FT	27.8533682	-97.05588337
2337	D	STUDY AREA D - DEEP, 8+ FT	27.8533705	-97.05603804
2336	D	STUDY AREA D - DEEP, 8+ FT	27.8533728	-97.05619272
2335	D	STUDY AREA D - DEEP, 8+ FT	27.8533751	-97.0563474
2334	D	STUDY AREA D - DEEP, 8+ FT	27.8533774	-97.05650208
2333	D	STUDY AREA D - DEEP, 8+ FT	27.8533797	-97.05665676
2332	D	STUDY AREA D - DEEP, 8+ FT	27.8533819	-97.05681144
2331	D	STUDY AREA D - DEEP, 8+ FT	27.8533842	-97.05696611
2330	D	STUDY AREA D - DEEP, 8+ FT	27.8533865	-97.05712079
2329	D	STUDY AREA D - DEEP, 8+ FT	27.8533888	-97.05727547
2328	D	STUDY AREA D - DEEP, 8+ FT	27.8533911	-97.05743015
2327	D	STUDY AREA D - DEEP, 8+ FT	27.8533934	-97.05758483
2326	D	STUDY AREA D - DEEP, 8+ FT	27.8533956	-97.0577395
2325	D	STUDY AREA D - DEEP, 8+ FT	27.8533979	-97.05789418
2324	D	STUDY AREA D - DEEP, 8+ FT	27.8534002	-97.05804886
2323	D	STUDY AREA D - DEEP, 8+ FT	27.8534025	-97.05820354
2322	D	STUDY AREA D - DEEP, 8+ FT	27.8534048	-97.05835822
2321	D	STUDY AREA D - DEEP, 8+ FT	27.8534071	-97.05851289
2320	D	STUDY AREA D - DEEP, 8+ FT	27.8534093	-97.05866757
2319	D	STUDY AREA D - DEEP, 8+ FT	27.8534116	-97.05882225
2318	D	STUDY AREA D - DEEP, 8+ FT	27.8534139	-97.05897693
2280	D	STUDY AREA D - DEEP, 8+ FT	27.8534162	-97.05913161
2578	D	STUDY AREA D - DEEP, 8+ FT	27.8534185	-97.05928629
2575	D	STUDY AREA D - DEEP, 8+ FT	27.8534208	-97.05944096
1194	F,H	STUDY AREA D - SHELL HASH	27.853423	-97.05959564
1192	F,H	STUDY AREA D - SHELL HASH	27.8534253	-97.05975032
1191	M,H	STUDY AREA D - SHELL HASH	27.8534276	-97.059905
1374	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8534299	-97.06005968
1398	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8534623	-97.05294191
1397	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8534645	-97.05309659
1396	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8534668	-97.05325127
1395	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8534691	-97.05340594

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1394	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8534714	-97.05356062
2388	D	STUDY AREA D - DEEP, 8+ FT	27.8534737	-97.0537153
2387	D	STUDY AREA D - DEEP, 8+ FT	27.853476	-97.05386998
2386	D	STUDY AREA D - DEEP, 8+ FT	27.8534783	-97.05402466
2385	D	STUDY AREA D - DEEP, 8+ FT	27.8534806	-97.05417933
2384	D	STUDY AREA D - DEEP, 8+ FT	27.8534828	-97.05433401
2383	D	STUDY AREA D - DEEP, 8+ FT	27.8534851	-97.05448869
2382	D	STUDY AREA D - DEEP, 8+ FT	27.8534874	-97.05464337
2381	D	STUDY AREA D - DEEP, 8+ FT	27.8534897	-97.05479805
2380	D	STUDY AREA D - DEEP, 8+ FT	27.853492	-97.05495273
2379	D	STUDY AREA D - DEEP, 8+ FT	27.8534943	-97.0551074
2378	D	STUDY AREA D - DEEP, 8+ FT	27.8534966	-97.05526208
2377	D	STUDY AREA D - DEEP, 8+ FT	27.8534989	-97.05541676
2376	D	STUDY AREA D - DEEP, 8+ FT	27.8535011	-97.05557144
2375	D	STUDY AREA D - DEEP, 8+ FT	27.8535034	-97.05572612
2374	D	STUDY AREA D - DEEP, 8+ FT	27.8535057	-97.0558808
2373	D	STUDY AREA D - DEEP, 8+ FT	27.853508	-97.05603547
2372	D	STUDY AREA D - DEEP, 8+ FT	27.8535103	-97.05619015
2371	D	STUDY AREA D - DEEP, 8+ FT	27.8535126	-97.05634483
2370	D	STUDY AREA D - DEEP, 8+ FT	27.8535149	-97.05649951
2369	D	STUDY AREA D - DEEP, 8+ FT	27.8535171	-97.05665419
2368	D	STUDY AREA D - DEEP, 8+ FT	27.8535194	-97.05680886
2367	D	STUDY AREA D - DEEP, 8+ FT	27.8535217	-97.05696354
2366	D	STUDY AREA D - DEEP, 8+ FT	27.853524	-97.05711822
2365	D	STUDY AREA D - DEEP, 8+ FT	27.8535263	-97.0572729
2364	D	STUDY AREA D - DEEP, 8+ FT	27.8535286	-97.05742758
2363	D	STUDY AREA D - DEEP, 8+ FT	27.8535308	-97.05758226
2362	D	STUDY AREA D - DEEP, 8+ FT	27.8535331	-97.05773693
2361	D	STUDY AREA D - DEEP, 8+ FT	27.8535354	-97.05789161
2360	D	STUDY AREA D - DEEP, 8+ FT	27.8535377	-97.05804629
2359	D	STUDY AREA D - DEEP, 8+ FT	27.85354	-97.05820097
2358	D	STUDY AREA D - DEEP, 8+ FT	27.8535423	-97.05835565
2357	D	STUDY AREA D - DEEP, 8+ FT	27.8535445	-97.05851033
2356	D	STUDY AREA D - DEEP, 8+ FT	27.8535468	-97.05866501
2355	D	STUDY AREA D - DEEP, 8+ FT	27.8535491	-97.05881968
2354	D	STUDY AREA D - DEEP, 8+ FT	27.8535514	-97.05897436
2353	D	STUDY AREA D - DEEP, 8+ FT	27.8535537	-97.05912904
2577	D	STUDY AREA D - DEEP, 8+ FT	27.8535559	-97.05928372
1373	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8535582	-97.0594384
1372	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8535605	-97.05959308
1367	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8535628	-97.05974775
1243	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8535651	-97.05990243
1393	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8535974	-97.05278466
1392	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8535997	-97.05293933
1391	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.853602	-97.05309401
1241	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8536043	-97.05324869
1227	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8536066	-97.05340337

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2425	D	STUDY AREA D - DEEP, 8+ FT	27.8536089	-97.05355805
2424	D	STUDY AREA D - DEEP, 8+ FT	27.8536112	-97.05371273
2423	D	STUDY AREA D - DEEP, 8+ FT	27.8536135	-97.0538674
2422	D	STUDY AREA D - DEEP, 8+ FT	27.8536157	-97.05402208
2421	D	STUDY AREA D - DEEP, 8+ FT	27.853618	-97.05417676
2420	D	STUDY AREA D - DEEP, 8+ FT	27.8536203	-97.05433144
2419	D	STUDY AREA D - DEEP, 8+ FT	27.8536226	-97.05448612
2418	D	STUDY AREA D - DEEP, 8+ FT	27.8536249	-97.0546408
2417	D	STUDY AREA D - DEEP, 8+ FT	27.8536272	-97.05479547
2416	D	STUDY AREA D - DEEP, 8+ FT	27.8536295	-97.05495015
2415	D	STUDY AREA D - DEEP, 8+ FT	27.8536318	-97.05510483
2414	D	STUDY AREA D - DEEP, 8+ FT	27.853634	-97.05525951
2413	D	STUDY AREA D - DEEP, 8+ FT	27.8536363	-97.05541419
2412	D	STUDY AREA D - DEEP, 8+ FT	27.8536386	-97.05556887
2411	D	STUDY AREA D - DEEP, 8+ FT	27.8536409	-97.05572355
2410	D	STUDY AREA D - DEEP, 8+ FT	27.8536432	-97.05587822
2409	D	STUDY AREA D - DEEP, 8+ FT	27.8536455	-97.0560329
2408	D	STUDY AREA D - DEEP, 8+ FT	27.8536478	-97.05618758
2407	D	STUDY AREA D - DEEP, 8+ FT	27.85365	-97.05634226
2406	D	STUDY AREA D - DEEP, 8+ FT	27.8536523	-97.05649694
2405	D	STUDY AREA D - DEEP, 8+ FT	27.8536546	-97.05665162
2404	D	STUDY AREA D - DEEP, 8+ FT	27.8536569	-97.05680629
2403	D	STUDY AREA D - DEEP, 8+ FT	27.8536592	-97.05696097
2402	D	STUDY AREA D - DEEP, 8+ FT	27.8536615	-97.05711565
2401	D	STUDY AREA D - DEEP, 8+ FT	27.8536638	-97.05727033
2400	D	STUDY AREA D - DEEP, 8+ FT	27.853666	-97.05742501
2399	D	STUDY AREA D - DEEP, 8+ FT	27.8536683	-97.05757969
2398	D	STUDY AREA D - DEEP, 8+ FT	27.8536706	-97.05773437
2397	D	STUDY AREA D - DEEP, 8+ FT	27.8536729	-97.05788904
2396	D	STUDY AREA D - DEEP, 8+ FT	27.8536752	-97.05804372
2395	D	STUDY AREA D - DEEP, 8+ FT	27.8536775	-97.0581984
2394	D	STUDY AREA D - DEEP, 8+ FT	27.8536797	-97.05835308
2393	D	STUDY AREA D - DEEP, 8+ FT	27.853682	-97.05850776
2392	D	STUDY AREA D - DEEP, 8+ FT	27.8536843	-97.05866244
2391	D	STUDY AREA D - DEEP, 8+ FT	27.8536866	-97.05881712
2390	D	STUDY AREA D - DEEP, 8+ FT	27.8536889	-97.05897179
2389	D	STUDY AREA D - DEEP, 8+ FT	27.8536911	-97.05912647
2576	D	STUDY AREA D - DEEP, 8+ FT	27.8536934	-97.05928115
1366	S	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8536957	-97.05943583
1358	M	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.853698	-97.05959051
1383	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8537349	-97.05278208
1382	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8537372	-97.05293676
1238	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8537395	-97.05309144
1235	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8537418	-97.05324612
1234	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8537441	-97.05340079
2452	D	STUDY AREA D - DEEP, 8+ FT	27.8537464	-97.05355547
2451	D	STUDY AREA D - DEEP, 8+ FT	27.8537487	-97.05371015

Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
2450	D	STUDY AREA D - DEEP, 8+ FT	27.8537509	-97.05386483
2449	D	STUDY AREA D - DEEP, 8+ FT	27.8537532	-97.05401951
2448	D	STUDY AREA D - DEEP, 8+ FT	27.8537555	-97.05417419
2447	D	STUDY AREA D - DEEP, 8+ FT	27.8537578	-97.05432886
2446	D	STUDY AREA D - DEEP, 8+ FT	27.8537601	-97.05448354
2445	D	STUDY AREA D - DEEP, 8+ FT	27.8537624	-97.05463822
2444	D	STUDY AREA D - DEEP, 8+ FT	27.8537647	-97.0547929
2443	D	STUDY AREA D - DEEP, 8+ FT	27.853767	-97.05494758
2442	D	STUDY AREA D - DEEP, 8+ FT	27.8537692	-97.05510226
2441	D	STUDY AREA D - DEEP, 8+ FT	27.8537715	-97.05525694
2440	D	STUDY AREA D - DEEP, 8+ FT	27.8537738	-97.05541162
2439	D	STUDY AREA D - DEEP, 8+ FT	27.8537761	-97.05556629
2438	D	STUDY AREA D - DEEP, 8+ FT	27.8537784	-97.05572097
2437	D	STUDY AREA D - DEEP, 8+ FT	27.8537807	-97.05587565
2436	D	STUDY AREA D - DEEP, 8+ FT	27.853783	-97.05603033
2435	D	STUDY AREA D - DEEP, 8+ FT	27.8537852	-97.05618501
2434	D	STUDY AREA D - DEEP, 8+ FT	27.8537875	-97.05633969
2433	D	STUDY AREA D - DEEP, 8+ FT	27.8537898	-97.05649437
2432	D	STUDY AREA D - DEEP, 8+ FT	27.8537921	-97.05664905
2431	D	STUDY AREA D - DEEP, 8+ FT	27.8537944	-97.05680372
2430	D	STUDY AREA D - DEEP, 8+ FT	27.8537967	-97.0569584
2429	D	STUDY AREA D - DEEP, 8+ FT	27.8537989	-97.05711308
2428	D	STUDY AREA D - DEEP, 8+ FT	27.8538012	-97.05726776
2427	D	STUDY AREA D - DEEP, 8+ FT	27.8538035	-97.05742244
2426	D	STUDY AREA D - DEEP, 8+ FT	27.8538058	-97.05757712
1384	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8538701	-97.05262483
1381	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8538724	-97.0527795
1240	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8538747	-97.05293418
1231	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.853877	-97.05308886
1230	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8538793	-97.05324354
2467	D	STUDY AREA D - DEEP, 8+ FT	27.8538816	-97.05339822
2466	D	STUDY AREA D - DEEP, 8+ FT	27.8538838	-97.0535529
2465	D	STUDY AREA D - DEEP, 8+ FT	27.8538861	-97.05370758
2464	D	STUDY AREA D - DEEP, 8+ FT	27.8538884	-97.05386226
2463	D	STUDY AREA D - DEEP, 8+ FT	27.8538907	-97.05401693
2462	D	STUDY AREA D - DEEP, 8+ FT	27.853893	-97.05417161
2461	D	STUDY AREA D - DEEP, 8+ FT	27.8538953	-97.05432629
2460	D	STUDY AREA D - DEEP, 8+ FT	27.8538976	-97.05448097
2459	D	STUDY AREA D - DEEP, 8+ FT	27.8538999	-97.05463565
2458	D	STUDY AREA D - DEEP, 8+ FT	27.8539021	-97.05479033
2457	D	STUDY AREA D - DEEP, 8+ FT	27.8539044	-97.05494501
2456	D	STUDY AREA D - DEEP, 8+ FT	27.8539067	-97.05509969
2455	D	STUDY AREA D - DEEP, 8+ FT	27.853909	-97.05525436
2454	D	STUDY AREA D - DEEP, 8+ FT	27.8539113	-97.05540904
2453	D	STUDY AREA D - DEEP, 8+ FT	27.8539136	-97.05556372
1387	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8540053	-97.05246757
1386	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8540076	-97.05262225

**Bluewater Texas Terminal LLC
Bluewater SPM Project
Appendix B
Study Area D - Transect Sampling Data**

Transect Point I.D.	Substrate Field Symbol	Study Area and Observed Substrate Type	Latitude	Longitude
1385	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8540099	-97.05277693
1233	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8540122	-97.05293161
1232	F	STUDY AREA D - FIRM, MODERATELY FIRM, OR SOFT MUD/SAND	27.8540145	-97.05308629
2470	D	STUDY AREA D - DEEP, 8+ FT	27.8540167	-97.05324097
2469	D	STUDY AREA D - DEEP, 8+ FT	27.854019	-97.05339564
2468	D	STUDY AREA D - DEEP, 8+ FT	27.8540213	-97.05355032

Appendix C
Representative Photographs



Representative Overview of Project Area.



Substrate Poling Survey by Wading



Substrate Poling Survey from Kayak



Representative Shell Hash



Representative Shell Hash – with Ekman Grab



Representative Moderately Firm Mud or Sand



Representative Moderately Firm Mud or Sand – with Ekman Grab



Representative Soft Mud – with Ekman Grab



Representative Scattered Algae on Moderately Firm Mud



Soft Mud covered in thick algae – with Ekman Grab



Representative Thick Algae



Representative E2EM (Estuarine, Intertidal, Emergent)



Representative E2SS (Estuarine, Intertidal, Scrub-Shrub)



Representative E2US (Estuarine, Intertidal, Unconsolidated Shore)



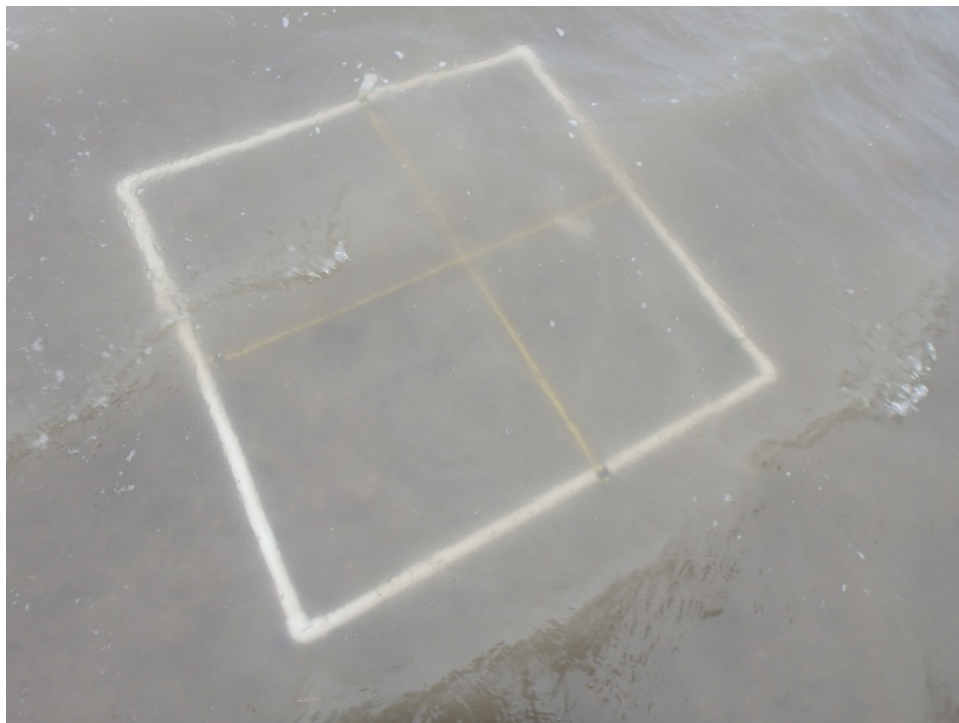
Representative E2RF (Estuarine, Intertidal, Reef) Oyster Bed



Representative E1AB (Estuarine, Subtidal, Aquatic Bed)



Representative E1AB – *Halodule wrightii* Covered in Algae



Representative E1AB Sampling Plot



Representative E1AB Ekman Grab



Representative E1AB Ekman Grab Sample – *Halodule wrightii*