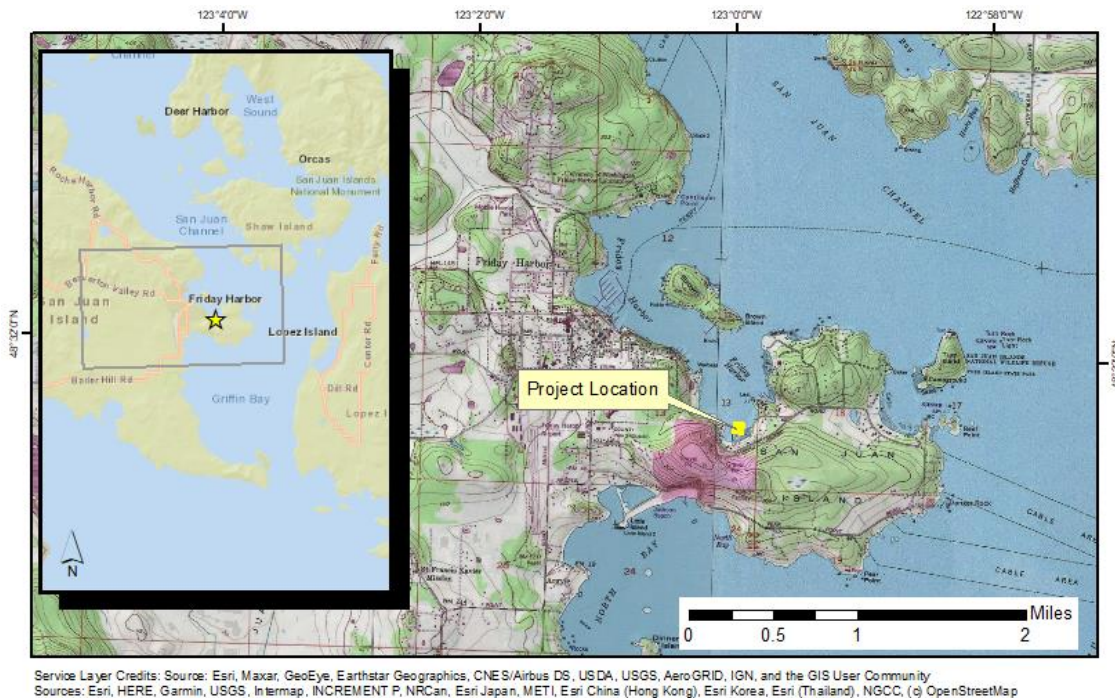


Jensen Marina Habitat Survey Report (to accompany map dated 7/16/2021)

A habitat survey was performed on June 10-11, 2021 at the project site located at 1293 Turn Point Rd, Friday Harbor, WA 98250. Bryan DeCaterina, Darby Flanagan, and Griffin Hoins from Marine Surveys & Assessments surveyed the intertidal and subtidal zone using SCUBA along 68 survey transects in the area of a proposed marina renovation to identify flora, fauna, substrate types and other qualitative information. Weather was clear and sunny on Day 1, transitioning to wind, rain, and overcast conditions on Day 2. Water visibility was 10-20 ft.

Figure 1. Vicinity Map of Project Location



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Sources: Esri, HERE, Garmin, USGS, Inmap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

The survey transect baseline was established approximately 200 feet north from the beginning of the pier, running east-west and aligned with southern-most float/dock on the pier (Figure 7). Thirty-four transects were surveyed from the baseline and transects were oriented perpendicular to the baseline (and parallel with the southern portion of the main pier). Transects were each 200 ft long and arranged from southwest to northeast, or when looking at the water from shore, from left to right (T1 to T34). A second set of transects (T35 to T68) were surveyed directly north of the first set. All transects were separated from each other by 10 ft. The survey covered all areas being proposed for marina renovation, plus a 25-ft buffer around the proposed footprint.

Eelgrass Survey Methods

A small bed and small patch of *Zostera marina* was observed near the west side of the survey area (Figure 7). Standard Protocols for Quantifying Impact on a linear project, described in the 2008 WDFW Eelgrass/Macroalgae Habitat Interim Survey Guidelines, were followed for quantifying eelgrass. Transects were perpendicular to shore, aligned with the footprint of the proposed structure. Samples consisted of eelgrass shoot counts within a 0.25m x 0.25m area quadrat. Sampling locations consisted of three replicate quadrat density measurements that were evenly spaced every 20 feet along the transect starting at a random point (i.e., stratified random). Replicates at each sampling location are averaged in the habitat survey results map and in the data table at the end of this report. Presence/absence data was also collected along the entire length of each transect to delineate the bed boundary and to identify smaller patches or individual shoots if present.

Survey Results

The area of the survey ranged in elevation from +1.4 ft MLLW along shore to -33 ft MLLW at the seaward extent. Please note the depths in this report are for reference only can have an error of +/- 1 ft and should not be used for engineering purposes. The substrate at the site is sand and mud, with some areas of loose rock and some exposed bedrock on the outer edge of the survey area in the northeast corner. Debris was observed throughout the site including concrete blocks, pipes, tires, old piles, scrap metal, and a boat wreck.

Zostera marina eelgrass was documented in a small bed and patch between -3.5 to -6 ft MLLW, ranging in density from 0 to 43 average turions per 1 m². A small bed was delineated on the west side of the survey area (approximately 1,039.8 ft²) and ranged in density from 0 to 16 average turions per 1 m². A small patch (3 ft x 1 ft) was identified to the west of the bed and had 42 average turions per 1 m².

Laminariales kelp was observed throughout the site, primarily attached to debris:

- 1-20% cover *Costaria*;
- 1-20% cover *Saccharina latissima*;
- Five small areas of *Nereocystis* were documented, ranging from 1-3 stipes (or, 0.5 to 1.5% cover).

Other areas of macroalgae included:

- 1-50% *Ulva* (attached);
- 10-75% drift *Ulva* ;
- 1-20% foliose reds.

The survey area included a 25-ft buffer around the proposed marina renovation footprint. The total percent cover of vegetation within this area is typically calculated to determine mitigation scenarios and is shown in Figure 7. *Ulva* is not included in these calculations because the area is not documented as a herring spawning zone.

Invertebrates observed include anemones, *Pycnopodia* (sunflower sea star), *Pisaster* sea stars, a variety of dorid nudibranch species, and crab including *Metacarcinus gracilis* (graceful crab), *Metacarcinus magister* (Dungeness), and *Cancer productus* (red rock crab).

Figure 2. Looking west at survey area from existing pier (at top of ramp).



Figure 3. Looking east at survey area near covered moorage at the seaward edge of existing structures.



Figure 4. MSA diver Griffin Hoins.

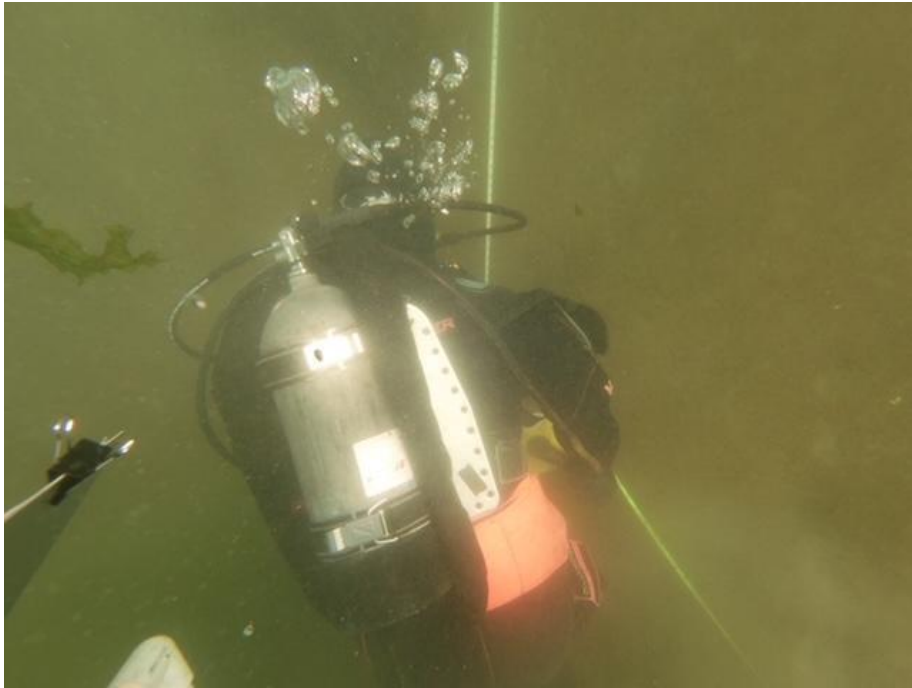


Figure 5. Small *Nereocystis* (Bull Kelp)



Figure 6. *Zostera marina* found on Transect 10

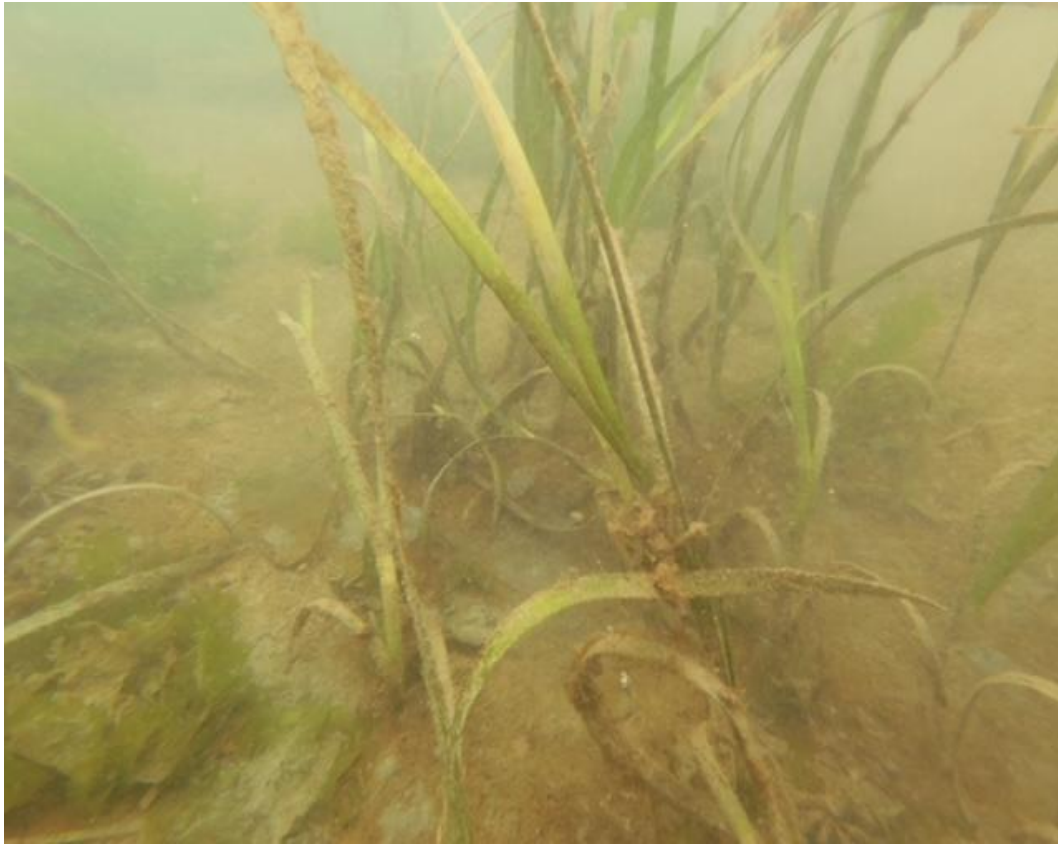


Figure 7. Habitat Survey Results Map

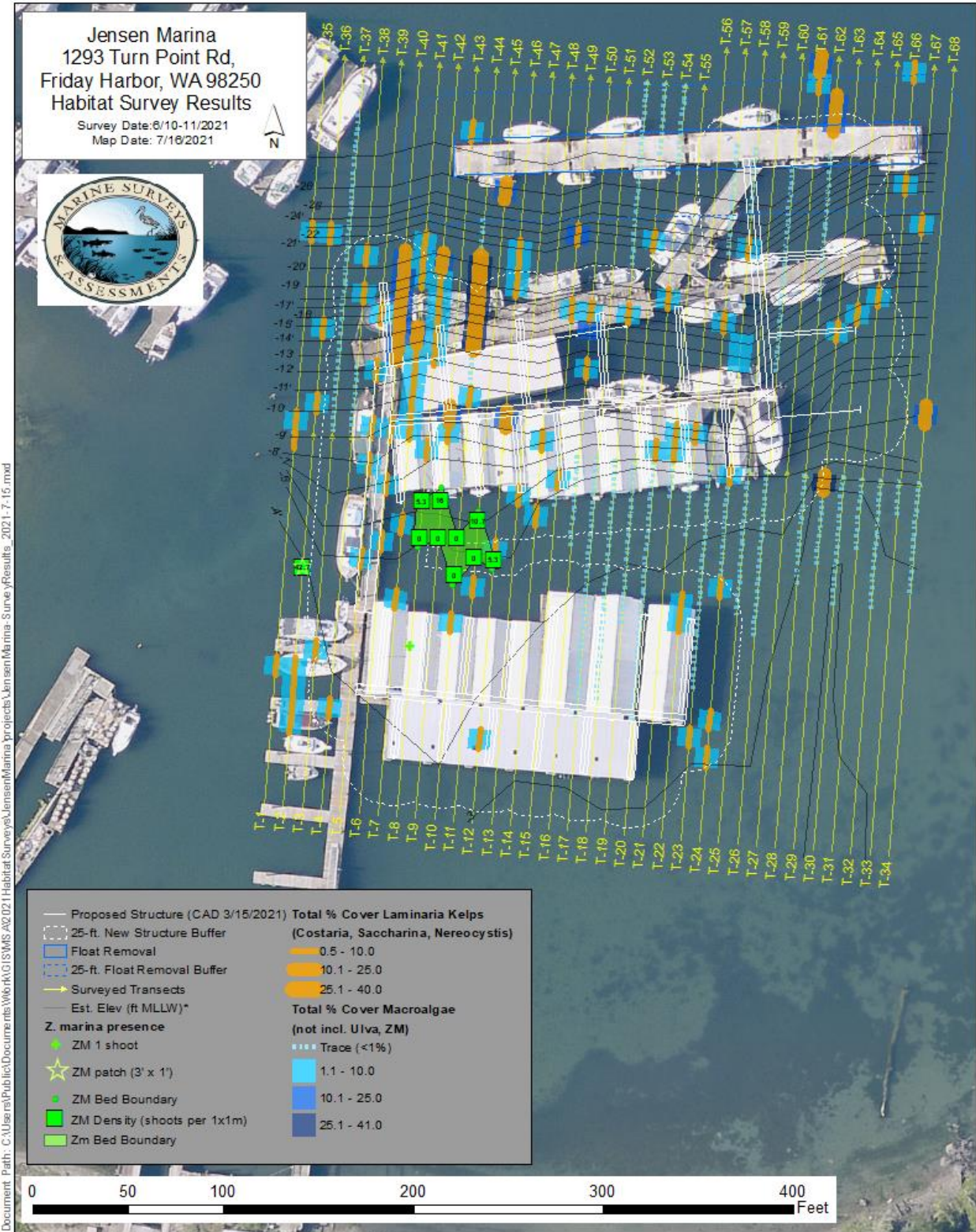


Table 1. Habitat Survey Results Table

Transect T-1

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.0	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
10	-4.0	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
20	-4.0	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
30	-4.0	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
40	-4.0	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
50	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-4.0	sand/mud; old pile.	<i>Ulva</i> (attached) 5%.	none
70	-4.0	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
80	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
110	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
120	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-5.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-5.0	sand/mud	Barren.	none
170	-6.0	sand/mud	Barren.	none
180	-6.0	sand/mud	Barren.	none
190	-7.0	mud/silt; Laminaria on debris- old pile.	<i>Saccharina latissima</i> 1% (1 stipe); (Laminariales observed on debris).	none
200	-8.0	mud/silt; Laminaria on debris- old pile.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 15% (15 stipes); (Laminariales observed on debris).	none

Transect T-2

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.1	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
10	-4.1	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
20	-4.1	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
30	-4.1	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
40	-4.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-4.1	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 10%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
60	-4.1	sand/mud; Laminaria on debris- old pile.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
70	-4.1	sand/mud; Laminaria on debris- old pile.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
80	-4.1	sand/mud; Laminaria on debris- old pile.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-4.1	sand/mud	Barren.	none
100	-4.1	sand/mud	Barren.	none
110	-4.1	sand/mud	Barren.	none
120	-4.1	sand/mud; old pile.	Barren.	none
126	-4.1	sand/mud; EG ends.	No macroalgae.	<i>Z. marina</i> patch
128	-4.1	sand/mud	No macroalgae.	<i>Z. marina</i> patch 3 ft ² (42.7 turions per m ²)
129	-4.1	sand/mud; EG starts, ZM.	No macroalgae.	<i>Z. marina</i> patch
130	-4.1	sand/mud	Barren.	none
140	-4.1	sand/mud	Barren.	none
150	-4.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-5.0	sand/mud	Barren.	none
170	-6.0	sand/mud	Barren.	none
180	-7.0	mud/silt	Barren.	none

190	-8.0	mud/silt	Barren.	none
200	-10.0	mud/silt; Laminaria on debris- old pile.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none

Transect T-3

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.1	sand/mud	<i>Ulva</i> (attached) 40%; <i>Ulva</i> (drift) 4%.	none
10	-4.1	sand/mud	<i>Ulva</i> (attached) 40%; <i>Ulva</i> (drift) 4%.	none
20	-4.1	sand/mud	<i>Ulva</i> (attached) 40%; <i>Ulva</i> (drift) 4%.	none
30	-4.1	sand/mud	<i>Ulva</i> (attached) 40%; <i>Ulva</i> (drift) 4%.	none
40	-4.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-4.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-4.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-4.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-4.1	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
90	-5.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-5.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-5.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-5.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-5.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-6.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-6.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-7.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-7.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-8.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-8.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
200	-9.1	sand/mud	<i>Ulva</i> (attached) 1%.	none

Transect T-4

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.2	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-4.2	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
20	-4.2	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-4.2	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
40	-4.2	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
50	-4.2	sand/mud; Laminaria on debris-old pile.	<i>Ulva</i> (attached) 10%; (Laminariales observed on debris).	none
60	-4.2	sand/mud	<i>Ulva</i> (attached) 10%; <i>Saccharina latissima</i> 5% (5 stipes).	none
70	-4.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
80	-4.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-5.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
120	-5.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-6.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-6.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-6.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-7.1	sand/mud	Barren.	none
170	-7.1	sand/mud	Barren.	none
180	-8.1	sand/mud	Barren.	none
190	-8.1	sand/mud	Barren.	none
200	-9.1	sand/mud	Barren.	none

Transect T-5

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.2	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-4.2	sand/mud	<i>Ulva</i> (attached) 30%.	none
20	-4.2	sand/mud	<i>Ulva</i> (attached) 30%.	none

30	-4.2	sand/mud	<i>Ulva</i> (attached) 30%.	none
40	-4.2	sand/mud	<i>Ulva</i> (attached) 30%.	none
50	-4.2	sand/mud	<i>Ulva</i> (attached) 15%.	none
60	-4.2	sand/mud	<i>Ulva</i> (attached) 15%.	none
70	-4.2	sand/mud	<i>Ulva</i> (attached) 15%.	none
80	-4.2	sand/mud	<i>Ulva</i> (attached) 15%.	none
90	-4.2	sand/mud	<i>Ulva</i> (attached) 15%.	none
100	-5.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
110	-5.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
120	-5.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
130	-5.2	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
140	-6.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-6.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-7.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
170	-8.2	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-8.2	sand/mud; Laminaria on debris- tire and old pile.	<i>Ulva</i> (attached) 1%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
190	-9.2	sand/mud	<i>Ulva</i> (attached) 1%.	none
200	-10.2	sand/mud	<i>Ulva</i> (attached) 1%.	none

Transect T-6

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-5.3	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
10	-5.3	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
20	-5.3	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
30	-5.2	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
40	-5.2	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
50	-5.2	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
60	-5.2	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none

70	-5.2	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
80	-5.2	sand/mud	<i>Ulva</i> (attached) 10%; <i>Ulva</i> (drift) 4%.	none
90	-5.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-5.2	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
160	-5.2	sand/mud	Barren.	none
170	-5.2	sand/mud	Barren.	none
180	-6.2	sand/mud; Laminaria on debris- tire.	<i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
190	-8.2	sand/mud	Barren.	none
200	-10.2	sand/mud	Barren.	none

Transect T-7

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-5.3	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
10	-5.3	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
20	-5.3	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
30	-5.3	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
40	-5.3	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-5.3	sand/mud	<i>Ulva</i> (attached) 10%.	none
60	-5.3	sand/mud	<i>Ulva</i> (attached) 10%.	none
70	-4.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-4.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-4.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-4.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-4.3	sand/mud; Laminaria on	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 1%; <i>Saccharina latissima</i> 5%	none

		debris- tire and old pile.	(5 stipes); (Laminariales observed on debris).	
120	-4.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-4.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-5.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-5.3	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 1%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
160	-5.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-6.3	sand/mud	Barren.	none
180	-6.3	sand/mud	Barren.	none
190	-7.3	sand/mud	Barren.	none
200	-7.3	sand/mud; Laminaria on debris.	<i>Costaria</i> 1%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none

Transect T-8

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-5.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-5.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
20	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
40	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
50	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
60	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
70	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
80	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
90	-4.3	sand/mud	<i>Ulva</i> (attached) 15%.	none
91	-4.3	sand/mud; 1 shoot EG.	<i>Ulva</i> (attached) 1%.	1 shoot of <i>Z. marina</i> observed.
100	-4.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
110	-5.3	sand/mud	<i>Ulva</i> (attached) 1%.	none

120	-5.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-5.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-5.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
144	-5.3	sand/mud; EG ends.	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed boundary
148	-5.3	sand/mud	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed (0 turions per m ²)
150	-6.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-6.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
168	-6.3	sand/mud	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed (5.3 turions per m ²)
169	-7.3	sand/mud; EG starts.	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed boundary
170	-7.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-8.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-8.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
200	-8.3	sand/mud	<i>Ulva</i> (attached) 1%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none

Transect T-9

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.3	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-4.4	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
20	-4.4	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-4.4	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
31	-4.4	sand/mud	<i>Ulva</i> (attached) 30%.	none
32	-4.4	sand/mud	<i>Ulva</i> (attached) 30%.	none
40	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
52	-4.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
56	-4.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-4.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-4.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
80	-4.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
90	-4.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
100	-3.4	sand/mud	Barren.	none
109	-3.4	sand/mud	Barren.	none

110	-3.4	sand/mud	Barren.	none
120	-3.4	sand/mud	Barren.	none
130	-3.4	sand/mud	Barren.	none
140	-3.4	sand/mud	Barren.	none
148	-3.4	sand/mud; EG start.	No macroalgae.	<i>Z. marina</i> bed boundary
149	-3.4	sand/mud	No macroalgae.	<i>Z. marina</i> bed (0 turions per m ²)
150	-3.4	sand/mud	Barren.	none
160	-4.4	sand/mud	Barren.	none
169	-4.4	sand/mud	No macroalgae.	<i>Z. marina</i> bed (16 turions per m ²)
170	-4.4	sand/mud	Barren.	none
176	-5.4	sand/mud; EG end.	No macroalgae.	<i>Z. marina</i> bed boundary
180	-5.4	sand/mud	Barren.	none
190	-6.4	sand/mud	Barren.	none
200	-7.4	sand/mud; Laminaria on debris.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none

Transect T-10

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
20	-3.4	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-3.4	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
40	-4.4	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
50	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
60	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
70	-4.4	sand/mud	<i>Ulva</i> (attached) 50%.	none
80	-4.4	sand/mud	<i>Ulva</i> (attached) 15%.	none
90	-4.4	sand/mud	<i>Ulva</i> (attached) 15%.	none
100	-4.4	sand/mud	<i>Ulva</i> (attached) 15%.	none
110	-4.4	sand/mud; Laminaria on debris.	<i>Ulva</i> (attached) 15%; <i>Saccharina latissima</i> 5%	none

			(5 stipes); (Laminariales observed on debris).	
120	-4.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
125	-5.4	sand/mud; EG end.	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed boundary
130	-5.4	sand/mud	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed (0 turions per m ²)
140	-5.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-5.4	sand/mud	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed (0 turions per m ²)
151	-5.4	sand/mud; EG start.	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed boundary
160	-6.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-6.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-7.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-7.4	sand/mud	<i>Ulva</i> (attached) 1%.	none
200	-8.4	sand/mud	<i>Ulva</i> (attached) 1%.	none

Transect T-11

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
20	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
40	-3.5	sand/mud	<i>Ulva</i> (attached) 20%.	none
50	-3.5	sand/mud	<i>Ulva</i> (attached) 20%.	none
60	-4.5	sand/mud	<i>Ulva</i> (attached) 20%.	none
70	-4.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
80	-4.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-4.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-5.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-5.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-5.5	sand/mud	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
130	-5.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
139	-5.5	sand/mud; EG starts.	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed boundary
140	-5.5	sand/mud	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed

				(0 turions per m ²)
150	-5.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-5.5	sand/mud	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed (10.7 turions per m ²)
165	-6.5	sand/mud; EG ends.	<i>Ulva</i> (attached) 1%.	<i>Z. marina</i> bed boundary
170	-6.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-7.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-7.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
200	-8.5	sand/mud	<i>Ulva</i> (attached) 5%.	none

Transect T-12

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.5	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
10	-3.5	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
20	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
40	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
50	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%; <i>Saccharina latissima</i> 5% (5 stipes).	none
60	-3.5	sand/mud	<i>Ulva</i> (attached) 20%.	none
70	-3.5	sand/mud	<i>Ulva</i> (attached) 20%.	none
80	-4.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-4.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-5.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
110	-5.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-6.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-6.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
135	-6.5	sand/mud; EG ends.	<i>Ulva</i> (attached) 5%.	<i>Z. marina</i> bed boundary
140	-6.5	sand/mud	<i>Ulva</i> (attached) 5%.	<i>Z. marina</i> bed (5.3 turions per m ²)
141	-6.5	sand/mud; EG starts.	<i>Ulva</i> (attached) 5%.	<i>Z. marina</i> bed boundary

150	-6.5	sand/mud	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 2% (2 stipes).	none
160	-7.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-7.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-7.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-8.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
200	-8.5	sand/mud	<i>Ulva</i> (attached) 1%.	none

Transect T-13

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
10	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
20	-3.5	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-3.5	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
40	-3.5	sand/mud	<i>Ulva</i> (attached) 20%; <i>Ulva</i> (drift) 4%.	none
50	-3.5	sand/mud	<i>Ulva</i> (attached) 15%.	none
60	-3.5	sand/mud	<i>Ulva</i> (attached) 15%.	none
70	-3.5	sand/mud	<i>Ulva</i> (attached) 15%.	none
80	-3.5	sand/mud	<i>Ulva</i> (attached) 15%.	none
90	-3.5	sand/mud	<i>Ulva</i> (attached) 15%.	none
100	-4.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-4.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-4.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-4.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-5.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-6.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-6.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-6.5	sand/mud; Laminaria on debris-old pile.	<i>Ulva</i> (attached) 1%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
180	-6.5	sand/mud	Barren.	none
190	-6.5	sand/mud	Barren.	none
200	-7.5	sand/mud	Barren.	none

Transect T-14

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.1	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
10	-3.1	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
20	-3.1	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
30	-3.1	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
40	-3.1	sand/mud	<i>Ulva</i> (attached) 15%; <i>Ulva</i> (drift) 4%.	none
50	-3.1	sand/mud	<i>Ulva</i> (attached) 15%.	none
60	-4.1	sand/mud	<i>Ulva</i> (attached) 15%.	none
70	-4.1	sand/mud	<i>Ulva</i> (attached) 15%.	none
80	-4.1	sand/mud	<i>Ulva</i> (attached) 15%.	none
90	-4.1	sand/mud	<i>Ulva</i> (attached) 15%.	none
100	-4.1	sand/mud	<i>Ulva</i> (attached) 15%.	none
110	-5.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
120	-5.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
130	-5.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
140	-5.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
150	-5.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-5.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-5.1	sand/mud; Laminaria on debris-wood.	<i>Ulva</i> (attached) 1%; <i>Costaria</i> 1%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
180	-6.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-6.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
200	-7.1	sand/mud	<i>Ulva</i> (attached) 1%.	none

Transect T-15

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.0	sand/mud	<i>Ulva</i> (attached) 5%; <i>Ulva</i> (drift) 4%.	none
10	-3.0	sand/mud	<i>Ulva</i> (attached) 5%; <i>Ulva</i> (drift) 4%.	none

20	-3.0	sand/mud	<i>Ulva</i> (attached) 5%; <i>Ulva</i> (drift) 4%.	none
30	-4.0	sand/mud	<i>Ulva</i> (attached) 40%.	none
40	-4.0	sand/mud	<i>Ulva</i> (attached) 40%.	none
50	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-4.0	sand/mud; debris.	<i>Ulva</i> (attached) 10%.	none
110	-4.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
120	-4.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
130	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-4.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-5.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-5.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
180	-6.0	sand/mud; Laminaria on debris- old pile.	<i>Ulva</i> (attached) 1%; foliose reds 0.5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
190	-6.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
200	-7.0	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-16

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.9	sand/mud	<i>Ulva</i> (attached) 15%.	none
10	-2.9	sand/mud	<i>Ulva</i> (attached) 15%.	none
20	-3.0	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
30	-4.0	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
40	-4.0	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
50	-4.0	sand/mud	<i>Ulva</i> (attached) 30%; <i>Ulva</i> (drift) 4%.	none
60	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none

90	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-4.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-5.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-5.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-5.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-5.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-5.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-6.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
170	-6.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
180	-6.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
190	-6.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
200	-6.0	sand/mud; trap debris.	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none

Transect T-17

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.9	sand/mud	<i>Ulva</i> (attached) 40%.	none
40	-2.9	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-3.9	sand/mud	<i>Ulva</i> (attached) 10%.	none
60	-3.9	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
70	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
80	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
90	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
100	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
110	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
120	-3.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
130	-3.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
140	-3.9	sand/mud	Foliose reds <1%.	none

150	-3.9	sand/mud	Foliose reds <1%.	none
160	-3.9	sand/mud	Foliose reds <1%.	none
170	-4.9	sand/mud	Foliose reds <1%.	none
180	-4.9	sand/mud; old pile.	Foliose reds <1%.	none
190	-5.9	sand/mud	Foliose reds <1%.	none
200	-6.9	sand/mud	Foliose reds <1%.	none

Transect T-18

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.8	sand/mud	<i>Ulva</i> (attached) 10%.	none
10	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-3.9	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-3.9	sand/mud	<i>Ulva</i> (attached) 10%.	none
60	-3.9	sand/mud	<i>Ulva</i> (attached) 10%.	none
70	-3.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
90	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
100	-3.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
110	-4.9	sand/mud	<i>Ulva</i> (attached) 15%; foliose reds <1%.	none
120	-4.9	sand/mud	<i>Ulva</i> (attached) 15%; foliose reds <1%.	none
130	-4.9	sand/mud	<i>Ulva</i> (attached) 15%; foliose reds <1%.	none
140	-4.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
150	-4.9	sand/mud; metal pipe.	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
160	-4.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-4.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
180	-4.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-5.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-5.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-19

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.8	sand/mud	<i>Ulva</i> (attached) 5%; <i>Ulva</i> (drift) 4%.	none
40	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-3.8	sand/mud	<i>Ulva</i> (attached) 40%.	none
110	-3.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
120	-3.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
130	-3.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
140	-3.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
150	-3.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
160	-3.8	sand/mud	Foliose reds <1%.	none
170	-4.8	sand/mud	Foliose reds <1%.	none
180	-4.8	sand/mud	Foliose reds <1%.	none
190	-4.8	sand/mud	Foliose reds <1%.	none
200	-5.8	sand/mud	Foliose reds <1%.	none

Transect T-20

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-3.7	sand/mud	<i>Ulva</i> (attached) 20%.	none

50	-3.7	sand/mud	<i>Ulva</i> (attached) 20%.	none
60	-4.8	sand/mud	<i>Ulva</i> (attached) 10%.	none
70	-4.8	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
80	-4.8	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
90	-4.8	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
100	-4.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
110	-4.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
120	-4.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
130	-4.8	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
140	-4.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
150	-4.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
160	-5.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
170	-5.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
180	-5.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
190	-5.8	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
200	-5.8	sand/mud	Foliose reds <1%.	none

Transect T-21

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
30	-2.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
40	-2.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-2.5	sand/mud; metal debris.	<i>Ulva</i> (attached) 50%.	none
60	-2.5	sand/mud	<i>Ulva</i> (attached) 50%.	none
70	-3.5	sand/mud	<i>Ulva</i> (attached) 20%.	none
80	-3.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-3.5	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none

110	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-3.5	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-4.5	sand/mud	Barren.	none
170	-4.5	sand/mud	Barren.	none
180	-4.5	sand/mud	Foliose reds <1%.	none
190	-4.4	sand/mud	Foliose reds <1%.	none
200	-5.4	sand/mud	Foliose reds <1%.	none

Transect T-22

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.3	sand/mud	<i>Ulva</i> (attached) 10%.	none
10	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
110	-4.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
120	-4.4	sand/mud; Laminaria on rocks.	<i>Ulva</i> (attached) 10%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on natural substrate - rock).	none
130	-4.4	sand/mud; Laminaria on rocks.	<i>Ulva</i> (attached) 20%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on natural substrate - rock).	none
140	-4.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-4.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-4.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
170	-5.4	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
180	-5.4	sand/mud	Foliose reds <1%.	none

190	-5.4	sand/mud	Foliose reds <1%.	none
200	-5.4	sand/mud	Foliose reds <1%.	none

Transect T-23

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-3.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
10	-3.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
20	-3.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
30	-3.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
40	-3.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
50	-4.0	sand/mud; Laminaria on debris- wood.	<i>Ulva</i> (attached) 30%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
60	-4.0	sand/mud	<i>Ulva</i> (attached) 30%.	none
70	-4.0	sand/mud	<i>Ulva</i> (attached) 30%.	none
80	-4.0	sand/mud	<i>Ulva</i> (attached) 30%; foliose reds <1%.	none
90	-4.0	sand/mud	<i>Ulva</i> (attached) 30%; foliose reds <1%.	none
100	-4.0	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
110	-4.0	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
120	-4.0	sand/mud	<i>Ulva</i> (attached) 10%; foliose reds <1%.	none
130	-4.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
140	-4.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
150	-4.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
160	-4.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
170	-4.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
180	-5.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
190	-5.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
200	-6.0	sand/mud; laminaira on debris- boat wreck.	<i>Ulva</i> (attached) 5%; foliose reds 0.5%; <i>Saccharina latissima</i> 5%	none

			(5 stipes); (Laminariales observed on debris).	
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Transect T-24

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-3.8	sand/mud; Laminaria on debris.	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
60	-3.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-3.8	sand/mud; Laminaria on debris.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; (Laminariales observed on debris).	none
80	-3.8	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-3.8	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-3.8	sand/mud	<i>Ulva</i> (attached) 10%.	none
110	-3.8	sand/mud	<i>Ulva</i> (attached) 1%.	none
120	-3.8	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-3.8	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-3.9	sand/mud; Laminaria on debris- tire.	<i>Ulva</i> (attached) 1%; foliose reds 0.5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
150	-3.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
160	-3.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
170	-3.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
180	-4.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
190	-5.9	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds <1%.	none
200	-6.9	sand/mud; laminaira on debris- boat wreck.	<i>Ulva</i> (attached) 1%; foliose reds 0.5%; <i>Saccharina latissima</i> 5%	none

			(5 stipes); (Laminariales observed on debris).	
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Transect T-25

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-3.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-3.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
130	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
140	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
150	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
160	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
180	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-4.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-4.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-26

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
10	-2.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
20	-2.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
30	-2.4	sand/mud	<i>Ulva</i> (attached) 10%.	none
40	-3.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-3.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-4.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-4.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
130	-4.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
140	-4.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
150	-4.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
160	-4.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-4.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
180	-4.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-4.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-4.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-27

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none

40	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-3.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
110	-3.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
120	-3.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-3.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-3.3	sand/mud	Barren.	none
150	-3.3	sand/mud	Barren.	none
160	-3.3	sand/mud	Barren.	none
170	-4.3	sand/mud	Barren.	none
180	-4.3	sand/mud	Barren.	none
190	-4.3	sand/mud	Barren.	none
200	-4.3	sand/mud	Foliose reds <1%.	none

Transect T-28

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-2.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
120	-2.2	sand/mud	<i>Ulva</i> (attached) 10%.	none
130	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-2.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
160	-3.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-3.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

180	-4.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-4.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-4.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-29

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
10	-2.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
20	-2.1	sand/mud	<i>Ulva</i> (attached) 10%.	none
30	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-3.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
90	-3.0	sand/mud	<i>Ulva</i> (attached) 10%.	none
100	-3.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-3.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-3.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-3.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-3.0	sand/mud	Barren.	none
150	-3.0	sand/mud	Foliose reds <1%.	none
160	-3.0	sand/mud	Foliose reds <1%.	none
170	-2.9	sand/mud	Foliose reds <1%.	none
180	-1.9	sand/mud	Foliose reds <1%.	none
190	-1.9	sand/mud; Laminaria on debris- concrete debris.	foliose reds 0.5%; <i>Costaria</i> 10%; <i>Saccharina latissima</i> 15% (15 stipes); (Laminariales observed on debris).	none
200	-1.9	sand/mud; Laminaria on debris- concrete debris.	foliose reds 0.5%; <i>Costaria</i> 10%; <i>Saccharina latissima</i> 15% (15 stipes); (Laminariales observed on debris).	none

Transect T-30

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-1.8	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-1.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-1.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-1.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
150	-1.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
160	-2.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-2.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
180	-2.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-2.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-2.9	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-31

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-1.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-1.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-1.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-1.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-1.7	sand/mud	<i>Ulva</i> (attached) 5%.	none

50	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-2.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-2.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-2.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-2.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-2.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-2.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
180	-2.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-2.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-2.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

Transect T-32

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-1.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-1.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-1.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-1.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-2.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-2.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
150	-2.5	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none

160	-3.6	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-3.6	sand/mud	Foliose reds <1%.	none
180	-3.6	sand/mud	Foliose reds <1%.	none
190	-3.6	sand/mud	Foliose reds <1%.	none
200	-3.6	sand/mud	Foliose reds <1%.	none

Transect T-33

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-2.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
160	-2.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
170	-3.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
180	-3.3	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
190	-3.3	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
200	-3.3	sand/mud; Laminaria on debris- concrete.	<i>Ulva</i> (attached) 5%; foliose reds 0.5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none

Transect T-34

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-2.1	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
140	-2.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
150	-2.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
160	-3.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
170	-3.2	sand/mud	<i>Ulva</i> (attached) 5%; foliose reds <1%.	none
180	-3.2	sand/mud and rocks	Foliose reds <1%.	none
190	-3.2	sand/mud and rocks	Foliose reds <1%.	none
200	-3.3	sand/mud and rocks	Foliose reds <1%.	none

Transect T-35

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.6	mud; Laminaria on debris-wood.	<i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
10	-9.6	mud	Barren.	none
20	-10.6	mud	Barren.	none
30	-11.6	sand/mud	Barren.	none
40	-13.6	sand/mud	Barren.	none

50	-15.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-16.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-17.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-18.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-20.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-21.7	sand/mud; Laminaria on debris- tire.	<i>Ulva</i> (attached) 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
110	-22.7	sand/mud	Barren.	none
120	-23.7	sand/mud	Barren.	none
130	-24.7	sand/mud	Barren.	none
140	-25.7	sand/mud	Barren.	none
150	-26.8	sand/mud	Barren.	none
160	-26.8	sand/mud	Barren.	none
170	-27.8	sand/mud	Barren.	none
180	-27.8	sand/mud	Barren.	none
190	-28.8	sand/mud	Barren.	none
200	-29.8	sand/mud	Barren.	none

Transect T-36

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-9.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-11.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-13.0	sand/mud; Laminaria on debris- wood.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
30	-14.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-15.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-16.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
60	-17.0	sand/mud; Laminaria on debris- tire.	<i>Ulva</i> (attached) 1%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
70	-19.0	sand/mud	<i>Ulva</i> (attached) 1%; <i>Ulva</i> (drift) 4%.	none
80	-19.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
90	-20.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
100	-21.9	sand/mud	<i>Ulva</i> (attached) 1%.	none

110	-22.9	sand/mud; Laminaria on debris- wood.	<i>Ulva</i> (attached) 1%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
120	-23.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-24.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-24.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-25.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-26.9	sand/mud	Barren.	none
170	-27.9	sand/mud	Barren.	none
180	-28.8	sand/mud	Barren.	none
190	-29.8	sand/mud	Barren.	none
200	-29.8	sand/mud	Barren.	none

Transect T-37

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.0	sand/mud	Foliose reds 1%.	none
10	-9.1	sand/mud	Foliose reds 1%.	none
20	-11.1	sand/mud	Foliose reds 1%.	none
30	-13.1	sand/mud	Foliose reds 1%.	none
40	-14.1	sand/mud	Foliose reds 1%.	none
50	-16.1	sand/mud	Foliose reds 1%.	none
60	-17.1	sand/mud	Foliose reds 1%.	none
70	-18.1	sand/mud; Laminaria on debris- concrete block.	foliose reds 1%; (Laminariales observed on debris).	none
80	-19.1	sand/mud	Foliose reds 1%.	none
90	-21.1	sand/mud	Foliose reds 1%.	none
100	-22.1	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
110	-23.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
120	-24.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
130	-24.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
140	-25.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
150	-26.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
160	-26.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none

170	-27.2	sand/mud	Barren.	none
180	-28.2	sand/mud	Barren.	none
190	-29.2	sand/mud	Barren.	none
200	-30.3	sand/mud	Barren.	none

Transect T-38

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-9.5	sand/mud	Foliose reds 1%.	none
10	-11.5	sand/mud	Foliose reds 1%.	none
20	-12.5	sand/mud	Foliose reds 1%.	none
30	-13.4	sand/mud	Foliose reds 1%.	none
40	-14.4	sand/mud	Foliose reds 1%.	none
50	-15.4	sand/mud	Barren.	none
60	-17.4	sand/mud	Barren.	none
70	-18.4	sand/mud; concrete block.	Barren.	none
80	-19.4	sand/mud	<i>Costaria</i> 1%; <i>Saccharina latissima</i> 5% (5 stipes).	none
90	-20.4	sand/mud	Barren.	none
100	-21.4	sand/mud; Laminaria on rocks.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on natural substrate - rock).	none
110	-22.4	sand/mud	Barren.	none
120	-23.4	sand/mud	Barren.	none
130	-24.3	sand/mud	Barren.	none
140	-25.3	sand/mud	Barren.	none
150	-27.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-27.3	sand/mud	Barren.	none
170	-28.3	sand/mud	Barren.	none
180	-28.3	sand/mud	Barren.	none
190	-29.3	sand/mud	Barren.	none
200	-30.3	sand/mud	Barren.	none

Transect T-39

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-9.5	sand/mud; Laminaria on debris- wood.	<i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
10	-10.5	sand/mud	Barren.	none
20	-11.5	sand/mud	Barren.	none
30	-12.5	sand/mud; Laminaria on debris-metal bar.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
40	-14.5	sand/mud	Barren.	none
50	-16.5	sand/mud	Barren.	none
60	-17.6	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
70	-18.6	sand/mud	Barren.	none
80	-19.6	sand/mud	Barren.	none
90	-20.6	sand/mud; tire.	Barren.	none
100	-21.6	sand/mud	Barren.	none
110	-22.6	sand/mud	Barren.	none
120	-23.6	sand/mud	Barren.	none
130	-24.6	sand/mud	Barren.	none
140	-25.6	sand/mud	Barren.	none
150	-26.6	sand/mud	Barren.	none
160	-26.7	sand/mud	Barren.	none
170	-27.7	sand/mud	Barren.	none
180	-28.7	sand/mud	Barren.	none
190	-29.7	sand/mud	Barren.	none
200	-30.7	sand/mud	Barren.	none

Transect T-40

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-10.9	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none

10	-11.9	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
20	-12.9	sand/mud	Barren.	none
30	-14.9	sand/mud	Barren.	none
40	-16.9	sand/mud	Barren.	none
50	-17.9	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
60	-18.9	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
70	-19.8	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
80	-19.8	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
90	-20.8	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
100	-21.8	sand/mud; Laminaria on debris- wood, old piles, concrete.	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
110	-22.8	sand/mud	Barren.	none
120	-23.8	sand/mud	Barren.	none
130	-23.8	sand/mud	Barren.	none
140	-24.8	sand/mud	Barren.	none
150	-25.8	sand/mud	Barren.	none
160	-26.8	sand/mud	Barren.	none
170	-27.7	sand/mud	Barren.	none
180	-28.7	sand/mud	Barren.	none
190	-29.7	sand/mud	Barren.	none
200	-30.7	sand/mud	Barren.	none

Transect T-41

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-10.9	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
10	-10.9	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
20	-12.0	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
30	-13.0	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
40	-14.0	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
50	-15.0	sand/mud; Laminaria on debris- block.	<i>Nereocystis</i> 1.5% (3 stipes); <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
60	-17.0	sand/mud	Barren.	none
70	-19.0	sand/mud	Barren.	none
80	-20.0	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-21.0	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
100	-22.0	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
110	-23.0	sand/mud	Barren.	none
120	-24.1	sand/mud	Barren.	none
130	-24.1	sand/mud	Barren.	none
140	-25.1	sand/mud	Barren.	none

150	-26.1	sand/mud	Barren.	none
160	-27.1	sand/mud	Barren.	none
170	-28.1	sand/mud	Barren.	none
180	-28.1	sand/mud	Barren.	none
190	-29.1	sand/mud	Barren.	none
200	-30.1	sand/mud	Barren.	none

Transect T-42

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-6.4	sand/mud	Barren.	none
10	-7.4	sand/mud	Barren.	none
20	-9.3	sand/mud	Barren.	none
30	-10.3	sand/mud	Barren.	none
40	-12.3	sand/mud; Laminaria on debris- wood.	(Laminariales observed on debris).	none
50	-14.3	sand/mud; Laminaria on debris- wood.	<i>Costaria</i> 3%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
60	-16.3	sand/mud; Laminaria on debris- wood.	<i>Costaria</i> 3%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
70	-17.3	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 3%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
80	-18.3	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-19.3	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
100	-21.3	sand/mud; Laminaria on debris- block.	<i>Nereocystis</i> 1% (2 stipes); <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
110	-22.2	sand/mud	Barren.	none
120	-23.2	sand/mud	Barren.	none
130	-24.2	sand/mud	Barren.	none

140	-25.2	sand/mud	Barren.	none
150	-26.2	sand/mud	Barren.	none
160	-27.2	sand/mud	Barren.	none
170	-28.2	sand/mud	Barren.	none
180	-29.2	sand/mud	Barren.	none
190	-30.2	sand/mud	Barren.	none
200	-31.2	sand/mud	Barren.	none

Transect T-43

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-6.4	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
10	-7.4	sand/mud; Laminaria on debris- block.	<i>Nereocystis</i> 0.5% (1 stipe); <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
20	-9.4	sand/mud; Laminaria on debris- block.	(Laminariales observed on debris).	none
30	-11.4	sand/mud	Barren.	none
40	-13.4	sand/mud	Barren.	none
50	-14.4	sand/mud	Barren.	none
60	-16.4	sand/mud	Barren.	none
70	-17.4	sand/mud	Barren.	none
80	-18.5	sand/mud	Barren.	none
90	-20.5	sand/mud	Barren.	none
100	-21.5	sand/mud	Barren.	none
110	-22.5	sand/mud	Barren.	none
120	-23.5	sand/mud	Barren.	none
130	-24.5	sand/mud	Barren.	none
140	-24.5	sand/mud	Barren.	none
150	-25.5	sand/mud	Barren.	none
160	-26.5	sand/mud; Laminaria on debris- wood.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
170	-27.6	sand/mud	Barren.	none
180	-28.6	sand/mud	Barren.	none
190	-29.6	sand/mud	Barren.	none
200	-30.6	sand/mud	Barren.	none

Transect T-44

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-7.6	sand/mud	Barren.	none
10	-8.6	sand/mud	Barren.	none
20	-9.6	sand/mud; Laminaria on debris-metal bar.	Foliose reds 1%; <i>Costaria</i> 1%; <i>Saccharina latissima</i> 1% (1 stipe); (Laminariales observed on debris).	none
30	-11.6	sand/mud	Foliose reds 1%.	none
40	-13.6	sand/mud	Foliose reds 1%.	none
50	-14.6	sand/mud; Laminaria on debris- wood, old piles, concrete.	Foliose reds 1%; <i>Costaria</i> 20%; <i>Saccharina latissima</i> 20% (20 stipes); (Laminariales observed on debris).	none
60	-16.7	sand/mud; Laminaria on debris- wood, old piles, concrete.	Foliose reds 1%; <i>Costaria</i> 20%; <i>Saccharina latissima</i> 20% (20 stipes); (Laminariales observed on debris).	none
70	-17.7	sand/mud; Laminaria on debris- wood, old piles, concrete.	Foliose reds 1%; <i>Costaria</i> 20%; <i>Saccharina latissima</i> 20% (20 stipes); (Laminariales observed on debris).	none
80	-18.7	sand/mud; Laminaria on debris- wood, old piles, concrete.	Foliose reds 1%; <i>Costaria</i> 20%; <i>Saccharina latissima</i> 20% (20 stipes); (Laminariales observed on debris).	none
90	-20.7	sand/mud; Laminaria on debris- wood, old piles, concrete.	Foliose reds 1%; <i>Costaria</i> 20%; <i>Saccharina latissima</i> 20% (20 stipes); (Laminariales observed on debris).	none
100	-21.7	sand/mud	Foliose reds 1%.	none
110	-22.7	sand/mud	Foliose reds 1%.	none
120	-23.7	sand/mud	Barren.	none

130	-24.7	sand/mud	Barren.	none
140	-24.7	sand/mud	Barren.	none
150	-26.8	sand/mud	Barren.	none
160	-27.8	sand/mud	Barren.	none
170	-28.8	sand/mud	Barren.	none
180	-28.8	sand/mud	Barren.	none
190	-29.8	sand/mud	Barren.	none
200	-30.8	sand/mud	Barren.	none

Transect T-45

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.0	sand/mud	Barren.	none
10	-9.0	sand/mud	Barren.	none
20	-10.0	sand/mud	Barren.	none
30	-12.0	sand/mud	Barren.	none
40	-14.0	sand/mud	Barren.	none
50	-15.0	sand/mud	Barren.	none
60	-16.0	sand/mud	Barren.	none
70	-17.0	sand/mud	Barren.	none
80	-17.9	sand/mud	Barren.	none
90	-18.9	sand/mud	Barren.	none
100	-19.9	sand/mud	Barren.	none
110	-20.9	sand/mud	Barren.	none
120	-21.9	sand/mud	Barren.	none
130	-23.9	sand/mud	Barren.	none
140	-25.9	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 10% (10 stipes); (Laminariales observed on debris).	none
150	-26.9	sand/mud	Barren.	none
160	-27.9	sand/mud	Barren.	none
170	-28.9	sand/mud	Barren.	none
180	-28.8	sand/mud	Barren.	none
190	-29.8	sand/mud	Barren.	none
200	-30.8	sand/mud	Barren.	none

Transect T-46

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.3	sand/mud	Barren.	none
10	-9.2	sand/mud	Barren.	none
20	-10.2	sand/mud; Laminaria on debris- block.	<i>Nereocystis</i> 0.5% (1 stipe); <i>Costaria</i> 8%; <i>Saccharina latissima</i> 8% (8 stipes); (Laminariales observed on debris).	none
30	-12.2	sand/mud	<i>Ulva</i> (attached) 1%.	none
40	-14.2	sand/mud	<i>Ulva</i> (attached) 1%.	none
50	-15.2	sand/mud	<i>Ulva</i> (attached) 1%.	none
60	-16.2	sand/mud	Barren.	none
70	-17.2	sand/mud	Barren.	none
80	-18.2	sand/mud	Barren.	none
90	-19.2	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
100	-20.1	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
110	-21.1	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
120	-22.1	sand/mud; concrete block.	Barren.	none
130	-24.1	sand/mud; concrete block.	Barren.	none
140	-26.1	sand/mud	Barren.	none
150	-27.1	sand/mud	Barren.	none
160	-28.1	sand/mud	Barren.	none
170	-29.1	sand/mud	Barren.	none
180	-29.1	sand/mud	Barren.	none
190	-30.1	sand/mud	Barren.	none
200	-31.0	sand/mud	Barren.	none

Transect T-47

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
10	-9.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
20	-10.3	sand/mud	<i>Ulva</i> (attached) 1%.	none
30	-12.3	sand/mud	Barren.	none
40	-14.3	sand/mud	Barren.	none
50	-15.3	sand/mud	Barren.	none
60	-17.3	sand/mud	Barren.	none
70	-18.3	sand/mud	Barren.	none
80	-19.3	sand/mud	Barren.	none
90	-21.4	sand/mud	Barren.	none
100	-22.4	sand/mud	Barren.	none
110	-23.4	sand/mud	Barren.	none
120	-24.4	sand/mud	Barren.	none
130	-25.4	sand/mud	Barren.	none
140	-25.4	sand/mud	Barren.	none
150	-27.4	sand/mud	Barren.	none
160	-28.4	sand/mud	Barren.	none
170	-29.4	sand/mud	Barren.	none
180	-29.4	sand/mud	Barren.	none
190	-30.4	sand/mud	Barren.	none
200	-31.4	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none

Transect T-48

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.2	sand/mud; Laminaria on debris- block.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
10	-10.2	sand/mud	Barren.	none
20	-12.2	sand/mud	Barren.	none
30	-14.2	sand/mud	Barren.	none
40	-15.2	sand/mud	Barren.	none

50	-16.2	sand/mud	Barren.	none
60	-18.2	sand/mud	Barren.	none
70	-20.2	sand/mud	Barren.	none
80	-21.2	sand/mud	Barren.	none
90	-22.2	sand/mud	Barren.	none
100	-23.2	sand/mud	Barren.	none
110	-24.2	sand/mud	Barren.	none
120	-25.2	sand/mud	Barren.	none
130	-25.2	sand/mud	Barren.	none
140	-26.2	sand/mud	Barren.	none
150	-27.2	sand/mud	Barren.	none
160	-28.2	sand/mud	Barren.	none
170	-29.2	sand/mud	Barren.	none
180	-30.2	sand/mud	Barren.	none
190	-31.2	sand/mud	Barren.	none
200	-31.2	sand/mud	Barren.	none

Transect T-49

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.3	sand/mud	Barren.	none
10	-9.3	sand/mud	Barren.	none
20	-10.3	sand/mud	Barren.	none
30	-11.3	sand/mud	Barren.	none
40	-12.3	sand/mud	Barren.	none
50	-13.3	sand/mud	Barren.	none
60	-15.3	sand/mud	Barren.	none
70	-16.3	sand/mud	Barren.	none
80	-17.3	sand/mud; Laminaria on debris- tire and old trap.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-19.3	sand/mud	Barren.	none
100	-21.3	sand/mud	Barren.	none
110	-22.3	sand/mud	Barren.	none
120	-23.3	sand/mud; Laminaria on debris- sheet metal.	foliose reds 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
130	-24.3	sand/mud	Barren.	none

140	-25.3	sand/mud	Barren.	none
150	-26.3	sand/mud	Barren.	none
160	-27.3	sand/mud	Barren.	none
170	-28.3	sand/mud	Barren.	none
180	-29.2	sand/mud	Barren.	none
190	-30.2	sand/mud	Barren.	none
200	-31.2	sand/mud	Barren.	none

Transect T-50

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
10	-9.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-10.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-11.4	sand/mud	Barren.	none
40	-12.4	sand/mud	Barren.	none
50	-13.4	sand/mud; Laminaria on debris- pile.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
60	-15.4	sand/mud	Barren.	none
70	-16.4	sand/mud; foliose reds on debris-concrete block.	Foliose reds 20%.	none
80	-17.4	sand/mud; Laminaria on debris- old trap.	<i>Costaria</i> 1%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-19.4	sand/mud	Barren.	none
100	-21.4	sand/mud	Barren.	none
110	-22.4	sand/mud	Barren.	none
120	-23.4	sand/mud	Barren.	none
130	-24.3	sand/mud; tire.	Barren.	none
140	-25.3	sand/mud	Barren.	none
150	-26.3	sand/mud	Barren.	none
160	-27.3	sand/mud	Barren.	none
170	-28.3	sand/mud	Barren.	none
180	-29.3	sand/mud	Barren.	none
190	-30.3	sand/mud	Barren.	none
200	-31.3	sand/mud	Barren.	none
200	-8.4	sand/mud	<i>Ulva</i> (attached) 5%.	none

Transect T-51

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.4	sand/mud	Barren.	none
0		sand/mud	Barren.	none
10	-9.4	sand/mud	Barren.	none
20	-10.4	sand/mud	Barren.	none
30	-11.4	sand/mud	Barren.	none
40	-12.4	sand/mud	Barren.	none
50	-13.4	sand/mud	Barren.	none
60	-14.4	sand/mud	Barren.	none
70	-15.4	sand/mud	Barren.	none
80	-16.4	sand/mud	Barren.	none
90	-17.4	sand/mud	Barren.	none
100	-18.4	sand/mud	Barren.	none
110	-19.4	sand/mud	Barren.	none
120	-21.4	sand/mud	Barren.	none
130	-23.4	sand/mud	Barren.	none
140	-24.4	sand/mud	Barren.	none
150	-25.4	sand/mud	Barren.	none
160	-26.4	sand/mud	Barren.	none
170	-27.4	sand/mud	Barren.	none
180	-28.4	sand/mud	Barren.	none
190	-29.4	sand/mud	Barren.	none
200	-30.4	sand/mud	Barren.	none

Transect T-52

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
10	-8.4	sand/mud; sheet metal.	<i>Ulva</i> (attached) 5%.	none
20	-10.4	sand/mud	Barren.	none
30	-12.4	sand/mud	Barren.	none
40		sand/mud	Barren.	none
50	-15.4	sand/mud	Barren.	none
60	-16.0	sand/mud	Barren.	none
70	-17.0	sand/mud; Laminaria on	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5%	none

		debris- tire and old trap.	(5 stipes); (Laminariales observed on debris).	
80	-19.0	sand/mud	Barren.	none
90	-20.0	sand/mud	Barren.	none
100	-21.0	sand/mud	Foliose reds 1%.	none
110	-22.0	sand/mud	Foliose reds 1%.	none
120	-23.0	sand/mud	Foliose reds 1%.	none
130	-25.0	sand/mud	Foliose reds 1%.	none
140	-26.0	sand/mud	Foliose reds 1%.	none
150	-27.0	sand/mud	Foliose reds 1%.	none
160	-28.0	sand/mud	Foliose reds 1%.	none
170	-29.0	sand/mud	Foliose reds 1%.	none
180	-30.0	sand/mud	Foliose reds 1%.	none
190	-31.0	sand/mud	Foliose reds 1%.	none
200	-32.5	sand/mud	Foliose reds 1%.	none

Transect T-53

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.6	sand/mud	Barren.	none
10	-9.6	sand/mud	Barren.	none
20	-10.6	sand/mud	Barren.	none
30	-11.6	sand/mud	Barren.	none
40	-12.6	sand/mud	Barren.	none
50	-13.6	sand/mud	Barren.	none
60	-14.5	sand/mud	Barren.	none
70	-15.5	sand/mud	Barren.	none
80	-17.5	sand/mud	Barren.	none
90	-19.5	sand/mud	Barren.	none
100	-20.5	sand/mud	Barren.	none
110	-21.5	sand/mud	Barren.	none
120	-22.5	sand/mud; Laminaria on debris- metal and concrete.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
130	-23.5	sand/mud	Barren.	none
140	-24.5	sand/mud	Barren.	none
150	-25.5	sand/mud; sheet metal.	Barren.	none
160	-27.5	sand/mud	Barren.	none
170	-28.5	sand/mud	Foliose reds 1%.	none

180	-29.5	sand/mud	Foliose reds 1%.	none
190	-30.5	sand/mud	Foliose reds 1%.	none
200	-32.5	sand/mud	Foliose reds 1%.	none

Transect T-54

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.6	sand/mud; Laminaria on debris- metal and concrete.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
10	-9.6	sand/mud; Laminaria on debris- metal and concrete.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
20	-11.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-12.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-14.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-16.6	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-17.6	sand/mud	Barren.	none
70	-18.6	sand/mud	Barren.	none
80	-19.6	sand/mud	Barren.	none
90	-20.6	sand/mud; Laminaria on debris- metal bar.	<i>Costaria</i> 1%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
100	-20.6	sand/mud	Barren.	none
110	-21.6	sand/mud	Barren.	none
120	-22.6	sand/mud	Barren.	none
130	-23.6	sand/mud	Barren.	none
140	-24.6	sand/mud	Barren.	none
150	-25.6	sand/mud	Barren.	none
160	-26.6	sand/mud; concrete block.	Foliose reds 1%.	none
170	-27.6	sand/mud; old pile.	Foliose reds 1%.	none
180	-28.6	sand/mud	Foliose reds 1%.	none
190	-30.6	sand/mud	Foliose reds 1%.	none
200	-31.6	sand/mud; pipe.	Foliose reds 1%.	none

Transect T-55

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.6	sand/mud; Laminaria on debris- metal and concrete.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
10	-8.6	sand/mud; Laminaria on debris- metal and concrete.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
20	-9.6	sand/mud	<i>Ulva</i> (attached) 1%.	none
30	-11.6	sand/mud	<i>Ulva</i> (attached) 1%.	none
40	-13.6	sand/mud	<i>Ulva</i> (attached) 1%.	none
50	-14.7	sand/mud	Barren.	none
60	-15.7	sand/mud	Barren.	none
70	-16.7	sand/mud	Barren.	none
80	-18.7	sand/mud	Barren.	none
90	-19.7	sand/mud	Barren.	none
100	-20.7	sand/mud	Barren.	none
110	-21.7	sand/mud	Barren.	none
120	-22.7	sand/mud	Barren.	none
130	-23.7	sand/mud	Barren.	none
140	-24.7	sand/mud	Barren.	none
150	-25.7	sand/mud	Barren.	none
160	-26.7	sand/mud	Barren.	none
170	-28.7	sand/mud	Barren.	none
180	-30.7	sand/mud	Barren.	none
190	-31.7	sand/mud	Barren.	none
200	-32.7	sand/mud	Barren.	none

Transect T-56

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-7.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-8.7	sand/mud; Laminaria on debris- sheet metal.	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; (Laminariales observed on debris).	none
20	-9.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-11.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-13.7	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-14.7	sand/mud	Barren.	none
60	-15.7	sand/mud	Barren.	none
70	-16.7	sand/mud	Barren.	none
80	-18.7	sand/mud	Barren.	none
90	-19.7	sand/mud	Barren.	none
100	-20.7	sand/mud	Barren.	none
110	-21.7	sand/mud	Barren.	none
120	-22.7	sand/mud	Barren.	none
130	-23.7	sand/mud	Barren.	none
140	-24.7	sand/mud	Barren.	none
150	-25.7	sand/mud; metal debris.	Barren.	none
160	-26.8	sand/mud	Barren.	none
170	-28.8	sand/mud	Barren.	none
180	-30.8	sand/mud	Barren.	none
190	-31.8	sand/mud	Barren.	none
200	-32.8	sand/mud; tire.	Barren.	none
210	-32.8	sand/mud	Barren.	none
220	-32.8	sand/mud	Barren.	none

Transect T-57

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.8	sand/mud	Barren.	none
10	-9.8	sand/mud	Barren.	none
20	-10.8	sand/mud	Barren.	none
30	-10.8	sand/mud	Barren.	none

40	-10.8	sand/mud	Barren.	none
50	-11.8	sand/mud	Barren.	none
60	-12.8	sand/mud	Barren.	none
70	-13.8	sand/mud	Barren.	none
80	-15.8	sand/mud; Laminaria on debris- sheet metal.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-17.8	sand/mud	Barren.	none
100	-19.8	sand/mud	Barren.	none
110	-21.8	sand/mud	Barren.	none
120	-22.8	sand/mud	Foliose reds 1%.	none
130	-23.8	sand/mud	Foliose reds 1%.	none
140	-24.8	sand/mud; tire.	Foliose reds 1%.	none
150	-25.8	sand/mud	Foliose reds 1%.	none
160	-26.8	sand/mud	Foliose reds 1%.	none
170	-27.8	sand/mud	Foliose reds 1%.	none
180	-28.8	sand/mud	Barren.	none
190	-29.8	sand/mud	Barren.	none
200	-30.8	sand/mud	Barren.	none
210	-31.8	sand/mud	Barren.	none
220	-32.8	sand/mud	Barren.	none

Transect T-58

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-9.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-10.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
30	-10.9	sand/mud	Barren.	none
40	-10.9	sand/mud	Barren.	none
50	-11.9	sand/mud	Barren.	none
60	-12.9	sand/mud	foliose reds 5%.	none
70	-13.9	sand/mud	foliose reds 5%.	none
80	-15.9	sand/mud	Barren.	none
90	-17.9	sand/mud	Barren.	none
100	-19.9	sand/mud; pipe.	Barren.	none
110	-21.9	sand/mud	Barren.	none

120	-22.9	sand/mud and rocks	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
130	-23.9	sand/mud	Barren.	none
140	-24.9	sand/mud	Foliose reds 1%.	none
150	-25.9	sand/mud	Foliose reds 1%.	none
160	-26.9	sand/mud	Foliose reds 1%.	none
170	-27.9	sand/mud	Foliose reds 1%.	none
180	-28.9	sand/mud	Barren.	none
190	-29.9	sand/mud	Barren.	none
200	-30.9	sand/mud	Barren.	none
210	-31.9	sand/mud	Barren.	none
220	-32.8	sand/mud	Barren.	none

Transect T-59

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-9.9	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-10.9	sand/mud	Barren.	none
30	-11.9	sand/mud	Barren.	none
40	-12.9	sand/mud	Barren.	none
50	-13.9	sand/mud	Barren.	none
60	-14.9	sand/mud	Barren.	none
70	-15.9	sand/mud	Barren.	none
80	-16.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
90	-17.9	sand/mud	<i>Ulva</i> (attached) 1%.	none
100	-19.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
110	-20.0	sand/mud	Barren.	none
120	-21.0	sand/mud	Barren.	none
130	-22.0	sand/mud	Barren.	none
140	-25.0	sand/mud	Barren.	none
150	-26.0	sand/mud	Barren.	none
160	-27.0	sand/mud	Barren.	none
170	-28.0	sand/mud	Barren.	none
180	-29.0	sand/mud	Barren.	none
190	-30.0	sand/mud	Barren.	none
200	-31.0	sand/mud	Barren.	none
210	-32.0	sand/mud	Barren.	none
220	-33.0	sand/mud	Barren.	none

Transect T-60

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.0	sand/mud	Barren.	none
10	-10.0	sand/mud	Barren.	none
20	-10.0	sand/mud	Barren.	none
30	-12.0	sand/mud	Barren.	none
40	-14.0	sand/mud	Barren.	none
50	-15.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
60	-16.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
70	-17.0	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
80	-18.0	sand/mud	Foliose reds 1%.	none
90	-19.0	sand/mud	Foliose reds 1%.	none
100	-20.0	sand/mud	Foliose reds 1%.	none
110	-21.0	sand/mud	Foliose reds 1%.	none
120	-22.0	sand/mud	Foliose reds 1%.	none
130	-23.0	sand/mud	Foliose reds 1%.	none
140	-24.0	sand/mud	Foliose reds 1%.	none
150	-25.0	sand/mud; old trap.	Foliose reds 1%.	none
160	-26.0	sand/mud	Barren.	none
170	-27.0	sand/mud	Barren.	none
180	-29.0	sand/mud	Barren.	none
190	-30.1	sand/mud	Barren.	none
200	-31.1	sand/mud	Barren.	none
210	-31.1	sand/mud	Barren.	none
220	-32.1	bedrock	Barren.	none

Transect T-61

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.1	sand/mud	Barren.	none
10	-5.1	sand/mud	Barren.	none
20	-7.1	sand/mud	Barren.	none
30	-8.1	sand/mud	Barren.	none

40	-10.1	sand/mud	Barren.	none
50	-12.1	sand/mud	Barren.	none
60	-13.1	sand/mud	Barren.	none
70	-2.1	sand/mud	Barren.	none
80	-15.1	sand/mud	Barren.	none
90	-17.1	sand/mud	Barren.	none
100	-18.1	sand/mud	Barren.	none
110	-19.1	sand/mud	Barren.	none
120	-19.1	sand/mud	Barren.	none
130	-19.1	sand/mud	Barren.	none
140	-19.1	sand/mud	Barren.	none
150	-20.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
160	-20.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
170	-20.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
180	-20.1	sand/mud	<i>Ulva</i> (attached) 1%.	none
190	-22.1	sand/mud	Barren.	none
200	-25.1	bedrock	Barren.	none
210	-29.1	bedrock	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
220	-32.1	bedrock	<i>Costaria</i> 10%; <i>Saccharina latissima</i> 10% (10 stipes).	none

Transect T-62

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.2	sand/mud	Barren.	none
10	-5.2	sand/mud	Barren.	none
20	-7.2	sand/mud	Barren.	none
30	-8.2	sand/mud	Barren.	none
40	-10.2	sand/mud	Barren.	none
50	-12.2	sand/mud	Barren.	none
60	-13.2	sand/mud	Barren.	none
70	-14.2	sand/mud; old trap.	Barren.	none
80	-15.2	sand/mud	Barren.	none
90	-17.2	sand/mud	Barren.	none
100	-18.2	sand/mud	Foliose reds 1%.	none
110	-19.2	sand/mud	Foliose reds 1%.	none
120	-19.2	sand/mud	Foliose reds 1%.	none

130	-19.2	sand/mud	Foliose reds 1%.	none
140	-19.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
150	-20.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
160	-20.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
170	-20.2	sand/mud	<i>Ulva</i> (attached) 1%; foliose reds 1%.	none
180	-20.1	sand/mud	Barren.	none
190	-22.1	bedrock	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 10% (10 stipes).	none
200	-25.1	bedrock	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 10% (10 stipes).	none
210	-28.1	bedrock	Barren.	none
220	-31.1	bedrock	Barren.	none

Transect T-63

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.2	sand/mud	Barren.	none
10	-5.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-6.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-7.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-8.2	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-9.2	sand/mud	Barren.	none
60	-10.2	sand/mud	Barren.	none
70	-11.2	sand/mud; Laminaria on debris- sheet metal.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
80	-12.2	sand/mud	Barren.	none
90	-13.2	sand/mud	Barren.	none
100	-14.2	sand/mud	Barren.	none
110	-14.2	sand/mud	Barren.	none
120	-14.2	sand/mud	Barren.	none
130	-15.3	sand/mud	Barren.	none
140	-16.3	sand/mud	Barren.	none
150	-17.3	sand/mud	Barren.	none
160	-18.3	sand/mud	Barren.	none

170	-19.3	sand/mud	Barren.	none
180	-20.3	sand/mud	Barren.	none
190	-20.3	sand/mud	Barren.	none
200	-21.3	sand/mud	Barren.	none
210	-22.3	sand/mud	Barren.	none
220	-23.3	sand/mud	Barren.	none

Transect T-64

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.3	sand/mud	Barren.	none
10	-5.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-6.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-7.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-7.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-8.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-9.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-10.3	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-11.3	sand/mud; Laminaria on debris- tire and sheet metal.	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes); (Laminariales observed on debris).	none
90	-12.3	sand/mud	Barren.	none
100	-13.3	sand/mud	Barren.	none
110	-13.3	sand/mud	Barren.	none
120	-14.3	sand/mud	Barren.	none
130	-14.3	sand/mud	Barren.	none
140	-14.3	sand/mud	Barren.	none
150	-14.3	sand/mud	Barren.	none
160	-14.3	sand/mud	Barren.	none
170	-14.3	sand/mud	Barren.	none
180	-14.3	sand/mud	Barren.	none
190	-14.3	sand/mud	Barren.	none
200	-14.3	sand/mud	Barren.	none
210	-14.3	sand/mud	Barren.	none
220	-14.4	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none

Transect T-65

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.4	sand/mud	Barren.	none
10	-3.4	sand/mud and rocks	Barren.	none
20	-5.4	sand/mud	Barren.	none
30	-6.4	sand/mud	Barren.	none
40	-7.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-8.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-9.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-10.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-11.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-12.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-12.4	sand/mud and rocks	<i>Ulva</i> (attached) 5%; <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
110	-13.4	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-13.4	sand/mud	Barren.	none
130	-13.4	sand/mud	Barren.	none
140	-14.4	sand/mud	Barren.	none
150	-14.4	sand/mud	Barren.	none
160	-14.4	sand/mud	Barren.	none
170	-14.4	sand/mud	Barren.	none
180	-14.4	sand/mud	Barren.	none
190	-14.4	sand/mud	Barren.	none
200	-14.4	sand/mud	Barren.	none
210	-14.4	sand/mud	Barren.	none
220	-14.4	sand/mud	Barren.	none

Transect T-66

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-4.5	sand/mud	Barren.	none
10	-4.5	sand/mud	Barren.	none
20	-4.5	sand/mud	Barren.	none
30	-4.5	sand/mud	Barren.	none

40	-4.5	sand/mud	Barren.	none
50	-6.5	sand/mud	Barren.	none
60	-8.5	sand/mud	Barren.	none
70	-9.5	sand/mud	Barren.	none
80	-10.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
90	-11.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
100	-11.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
110	-12.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
120	-12.5	sand/mud	<i>Ulva</i> (attached) 5%.	none
130	-12.5	sand/mud	Barren.	none
140	-12.5	sand/mud	Barren.	none
150	-12.4	sand/mud	Barren.	none
160	-12.4	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
170	-12.4	sand/mud and rocks	Barren.	none
180	-12.4	sand/mud	Barren.	none
190	-13.4	sand/mud	Barren.	none
200	-13.4	sand/mud	Barren.	none
210	-13.4	sand/mud	Barren.	none
220	-13.4	sand/mud	<i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none

Transect T-67

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-7.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
10	-7.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
20	-7.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
30	-7.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
40	-8.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
50	-9.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
60	-10.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
70	-11.0	sand/mud	<i>Ulva</i> (attached) 5%.	none
80	-12.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
90	-13.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
100	-14.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
110	-15.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
120	-16.0	sand/mud	<i>Ulva</i> (attached) 1%.	none

130	-17.0	sand/mud	<i>Ulva</i> (attached) 10%; <i>Saccharina latissima</i> 5% (5 stipes).	none
140	-18.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-19.0	sand/mud	Barren.	none
160	-19.0	sand/mud	Barren.	none
170	-19.0	sand/mud	Barren.	none
180	-20.0	sand/mud	Barren.	none
190	-20.0	sand/mud	Barren.	none
200	-20.0	sand/mud	Barren.	none
210	-20.0	sand/mud	Barren.	none
220	-20.0	sand/mud	Barren.	none

Transect T-68

Distance (Ft) along transect from baseline	Elevation (Corrected to Ft MLLW)	Substrate and Other Features Noted	Macroalgae % Cover (including Kelp)	<i>Zostera marina</i> presence & density
0	-8.0	sand/mud	Barren.	none
10	-8.0	sand/mud	Barren.	none
20	-9.0	sand/mud	Barren.	none
30	-20.0	sand/mud and rocks	Barren.	none
40	-11.0	sand/mud	<i>Nereocystis</i> 0.5% (1 stipe); <i>Costaria</i> 5%; <i>Saccharina latissima</i> 5% (5 stipes).	none
50	-12.0	sand/mud	Barren.	none
60	-13.0	sand/mud	Barren.	none
70	-14.0	sand/mud	Barren.	none
80	-15.0	sand/mud	Barren.	none
90	-16.0	sand/mud	Barren.	none
100	-17.0	sand/mud	Barren.	none
110	-18.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
120	-20.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
130	-21.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
140	-21.0	sand/mud	<i>Ulva</i> (attached) 1%.	none
150	-21.0	sand/mud	Barren.	none
160	-21.0	sand/mud	Barren.	none
170	-21.0	sand/mud	Barren.	none
180	-21.0	sand/mud	Barren.	none
190	-21.0	sand/mud	Barren.	none
200	-22.0	sand/mud	Barren.	none

210	-22.0	sand/mud	Barren.	none
220	-23.0	sand/mud	Barren.	none