

Mr. Scott Bartkowski
President
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June 28, 2013

Hi Scott,

I just wanted to update you on the WADs project in Cape Charles. While our formal monitoring submittal is not due until August, I have been looking at the changes, now that the water is warmer and growth rates are now increasing.

Based upon my observations, it appears as if there is a 30% increase in Sub Aqueous Vegetation (SAV). This is really amazing, as compared to other areas that I am working. The SAV that I am observing, in particular, include Widgeon Grass and Sea Lettuce (algae). The most interesting thing to me is that, located in the areas that have been sculpted out by the V-cuts, is Red Beard sponge. I had hoped to see some eel grass, but I have not. This is probably because of the accretion of sand; the water is too warm for it to do well. It is a shame, as the turbidity behind the WADs is much lower.

With regard to the accretion of sand, I continue to be amazed. The ridge behind the WADS is ankle deep at low tide. It appears as if the entire area has been elevated. I would estimate the change to be 6 - 12 inches. Mean High water has shifted a minimum of 6 inches seaward.

For me, one of the best components is that this is across the entire project area. Unlike stone revetments, we did not have to create and maintain a tombolo; it is building sand on its own. I am looking forward to the survey in August, so we can definitively assess the new levels of sand.

So that's my update. I am really pleased with the results and believe that my clients are, also. Thanks for your help.

Regards,

A handwritten signature in black ink, appearing to read "Wayne", written over a horizontal line.

President