

BEACH NOURISHMENT MSD UPDATE

CHRISTOPHER LAYTON, MPA, ICMA-CM

TOWN MANAGER



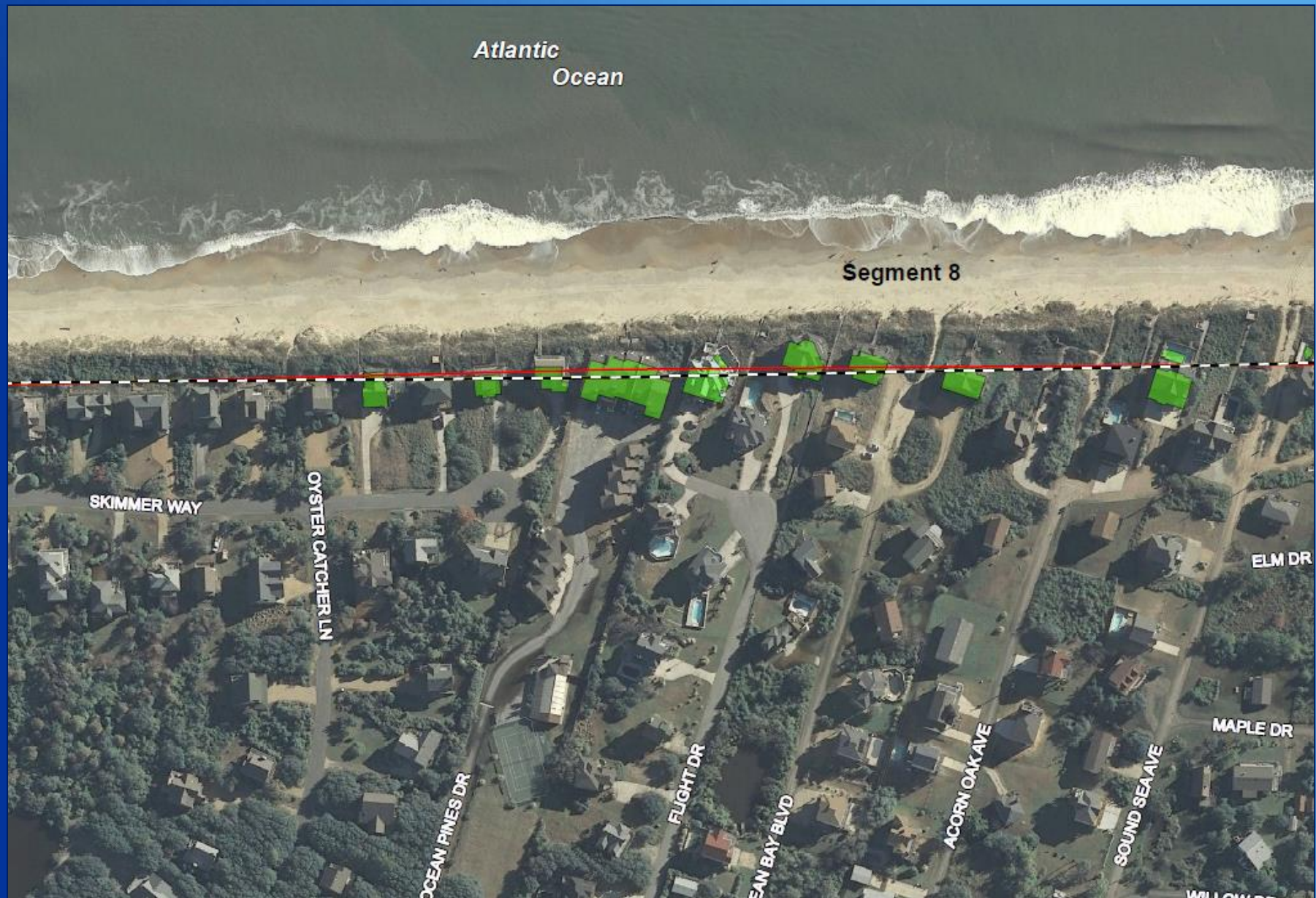
BEACH NOURISHMENT UPDATE

- **HOW WE GOT HERE**
- **OVERVIEW OF PROPOSED MSDS**
- **PUBLIC HEARING SCHEDULED FOR MARCH 4, 2015**

HOW WE GOT HERE

- **EROSION AND SHORELINE MANAGEMENT FEASIBILITY STUDY COMPLETED IN MAY 2013**
 - **RECOMMENDED AN OFFSHORE DREDGE PROJECT TO MITIGATE STORM DAMAGE AND EROSION IN SEGMENTS 7 & 8 OF THE STUDY (AN AREA NORTH OF THE ACOE FRF PROPERTY TO MARTIN LANE)**
- **THE TOWN CONTRACTED WITH CP&E FOR PERMITTING AND ENGINEERING FOR THE PROJECT**
 - **AS A RESULTS OF FURTHER ENGINEERING THE PROJECT AREA WAS REDUCED FROM ALL OF SEGMENT 7 & 8 TO ALL OF SEGMENT 7 AND A PORTION OF SEGMENT 8 (AN AREA NORTH OF THE ACOE FRF PROPERTY TO JUST NORTH OF OYSTER CATCHER LANE) – APPROVED BY COUNCIL ON NOVEMBER 5, 2014**

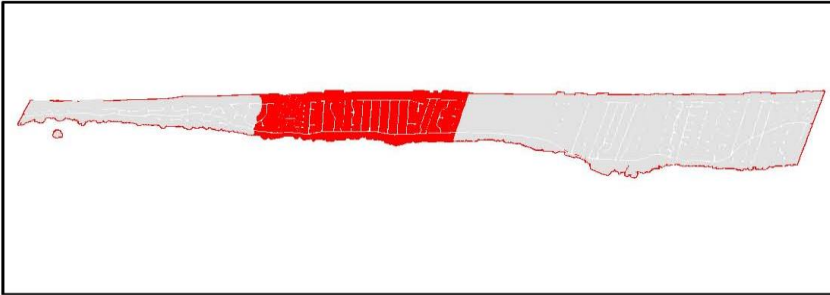
Design Analysis





Beach Nourishment Area
Municipal Service District Limits

Updated November 10, 2014





**137 SPINDRIFT LANE and 1308 DUCK ROAD to 140 SKIMMER WAY and 1456 DUCK ROAD
INCLUDING ALL PROPERTIES INBETWEEN AS WELL AS 133 and 135 SKIMMER WAY and 100
to 112 OYSTER CATCHER LANE**

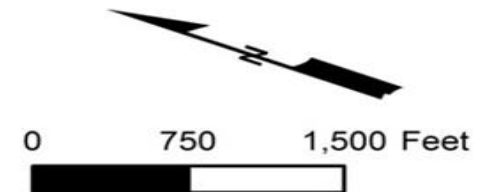


Notes:

1. Coordinates are in feet based on the North Carolina State Plane Coordinate System, North American Datum of 1983 (NAD 83).
2. 2012 background imagery is from the NC One imagery service.

Legend:

-  Duck Placement Area
-  Town Limits



County of Dare**Beach Nourishment Projects - Issuance January 2016****Individual Town Project Breakdowns**

Monday, September 8, 2014

Version 4 - Towns Hold Harmless

	Permitting Cost	Construction Cost	Total Project Cost	% of Total Town Projects	Dare Co. Down Payment	Total Borrowed Amount	
Duck	\$ 750,000	\$ 13,839,000	\$ 14,589,000	34%	\$ 7,700,000	\$ 6,889,000	Special Obligation Bonds
Kitty Hawk	\$ 870,000	\$ 17,570,000	\$ 18,440,000	43%	\$ 11,254,691	\$ 7,185,309	Special Obligation Bonds
Kill Devil Hills	\$ 550,000	\$ 9,458,000	\$ 10,008,000	23%	\$ 5,045,309	\$ 4,962,691	Special Obligation Bonds
Total:	\$ 2,170,000	\$ 40,867,000	\$ 43,037,000	100%	\$ 24,000,000	\$ 19,037,000	
Dare		\$ 25,000,000	\$ 25,000,000		\$ -	\$ 25,000,000	160A-20 Installment Purchase
Totals:	\$ 2,170,000	\$ 65,867,000	\$ 68,037,000		\$ 24,000,000	\$ 44,037,000	

County of Dare**Beach Nourishment Projects - Issuance January 2016**

Term:

5 years

0.0782 Cents Town-1

Individual Town Projects

Interest Rate:

3.50%

Duck - 34% of Total Projects

1¢ = \$156,188

\$ 0.21 Current Property Tax Rate

	Principal	Interest	Debt Service	County Contributed	Town Contributed	¢ on Property Tax	% Change in Tax Rate	New Property Tax Rate
2014								
2015								
2016								
2017	\$ 1,377,800	\$ 241,115	\$ 1,618,915	\$ 397,525	\$ 1,221,390	0.0782	37%	0.2882
2018	\$ 1,377,800	\$ 192,892	\$ 1,570,692	\$ 349,302	\$ 1,221,390	0.0782	37%	0.2882
2019	\$ 1,377,800	\$ 144,669	\$ 1,522,469	\$ 301,079	\$ 1,221,390	0.0782	37%	0.2882
2020	\$ 1,377,800	\$ 96,446	\$ 1,474,246	\$ 252,856	\$ 1,221,390	0.0782	37%	0.2882
2021	\$ 1,377,800	\$ 48,223	\$ 1,426,023	\$ 204,633	\$ 1,221,390	0.0782	37%	0.2882
2022								
2023								
Totals:	\$ 6,889,000	\$ 723,345	\$ 7,612,345	\$ 1,505,394				

MUNICIPAL SERVICE DISTRICTS

- **WHY ARE WE DOING THE PROJECT?**
 - **EROSION PROTECTION**
 - **STORM PROTECTION**
 - **ENHANCED RECREATIONAL BEACH**
 - **MAINTAIN TAX BASE**
 - **MAINTAIN REPUTATION OF BEACHES**

MUNICIPAL SERVICE DISTRICTS

- **WHO BENEFITS FROM THE BN PROJECT?**

- **Oceanfront Property Owners**

- **Erosion Protection**
- **Storm Protection**
- **Enhanced Recreational Beach**
- **Maintain Tax Base**
- **Maintain Reputation of Beaches**

- **Non-Oceanfront**

- **Enhanced Recreational Beach**
- **Maintain Tax Base**
- **Maintain Reputation of Beaches**

- **Entire Town**

- **Maintain Tax Base**
- **Maintain Reputation of Beaches**

MUNICIPAL SERVICE DISTRICTS

- **9 SCENARIOS EXAMINED**

- **0-50-50; 33-33-33; 0-100-0; 50-50-0; 37-63-0;
40-30-30; 30-35-35; 20-40-40; 30-40-30**

- **POTENTIAL IMPACTS OF SCENARIOS ON GENERAL FUND BUDGET
EXAMINED FOR:**

- **0-50-50, 33-33-33; 50-50-0; 20-40-40**

MUNICIPAL SERVICE DISTRICTS

- **COUNCIL APPROVED THE 20-40-40 PLAN AS THE PREFERRED ALTERNATIVE**

20-40-40	\$244,278	\$488,556	\$488,556	\$1,221,390
Tax Rate	\$0.016	\$0.463	\$0.148	
Average Per Parcel	\$89	\$4,886	\$705	

Oceanfront				Cost Over
<u>Property</u>	<u>Value</u>	<u>Tax Rate</u>	<u>MSD Levy</u>	<u>Five Years</u>
Skimmer Way	\$1,200,800	0.463	\$5,560	\$27,799
Ocean Bay Blvd	\$1,051,600	0.463	\$4,869	\$24,345
Mallard Drive	\$649,800	0.463	\$3,009	\$15,043
Buffell Head Road	\$1,608,000	0.463	\$7,445	\$37,225
Spindrift Lane	\$885,000	0.463	\$4,098	\$20,488
Non-Oceanfront				Cost Over
<u>Property</u>	<u>Value</u>	<u>Tax Rate</u>	<u>MSD Levy</u>	<u>Five Years</u>
Duck Road	\$972,100	0.148	\$1,439	\$7,194
Wood Duck Drive	\$477,200	0.148	\$706	\$3,531
Dianne Street	\$533,700	0.148	\$790	\$3,949
Carrol Drive	\$355,500	0.148	\$526	\$2,631
Skimmer Way	\$875,600	0.148	\$1,296	\$6,479

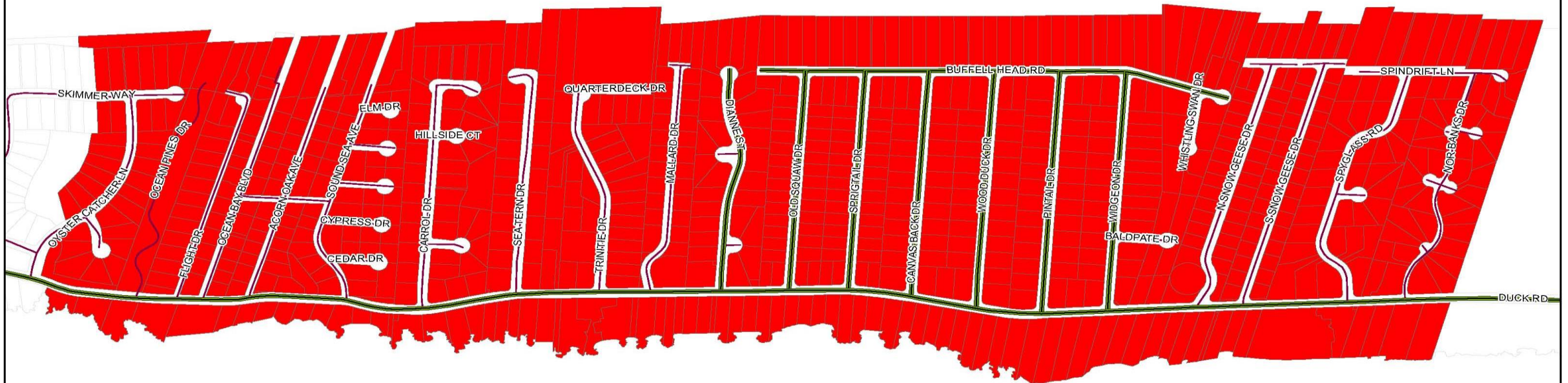
MUNICIPAL SERVICE DISTRICTS

- **PUBLIC HEARING SCHEDULED ON PROPOSED MSDS ON MARCH 4, 2015**
 - **NOTICES HAVE BEEN SENT AS REQUIRED BY GENERAL STATUTES AND CERTIFIED ACCORDINGLY**
 - **REPORT PREPARED AS REQUIRED BY THE GENERAL STATUTES IS AVAILABLE IN THE TOWN OFFICES AND ONLINE**
- **PUBLIC HEARING IS ON THE PROPOSED MSD-A AND MSD-B AND THE COUNCIL APPROVED 20-40-40 PLAN AS THE PREFERRED ALTERNATIVE**
- **AFTER THE PUBLIC HEARING, COUNCIL MAY ADOPT A RESOLUTION ESTABLISHING THE MSDS AND PAYMENT PLAN AS PRESENTED OR ADJUST ONE OR BOTH**
- **RATES ESTABLISHED BY THE MSDS WILL GO INTO EFFECT JULY 1, 2015**



Beach Nourishment Area
Municipal Service District A

Updated November 10, 2014

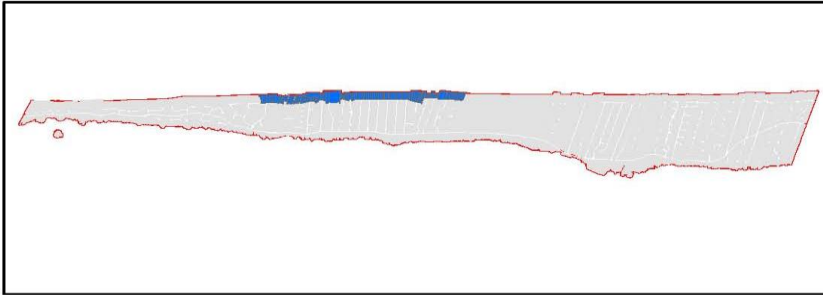


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Beach Nourishment Area
Municipal Service District B

Updated November 10, 2014



137 SPINDRIFT LANE to 140 SKIMMER WAY

MUNICIPAL SERVICE DISTRICTS

20-40-40	<u>MSA-A</u>	<u>MSD-B</u>	<u>TOTAL MSD TAX</u>
Oceanfront	\$0.148	\$0.315	\$0.463
Non-Oceanfront	\$0.148	N/A	\$0.148

BEACH NOURISHMENT UPDATE

QUESTIONS?

SEE YOU ON THE 4TH . . .