

## PEA ISLAND INSPECTION REPORT

MITIGATION SITE NAME Pea Island Mitigation Site	TIP # R-3113	WBS # N/A	INSPECTION DATE 10/27/2014
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COUNTY Dare	# ACRES 32.3
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MONITORING ORGANIZATION Kimley-Horn	INSPECTOR JRH/CPM	PHONE (919) 678-4155	EMAIL ADDRESS Jason.Hartshorn@Kimley-Horn.com
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**INSPECTION ACTIVITIES:** Complete all that apply. Describe location of visited areas if <100%.

Walked boundaries <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Walked trails / roads <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
Walked road frontage <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	Walked interior <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
Monitored from air <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	
Condition of boundaries <input type="checkbox"/> GOOD <input type="checkbox"/> FAIR <input checked="" type="checkbox"/> POOR	

**Comments:**

Pea Island Site: The site continues to look good and appears to be functioning well. The boundary is not clearly marked, however due to the site's location within national seashore, better boundary demarcation may not be possible. Right-of-way mowing equipment is traveling around existing road signs and is encroaching on site due to the poor boundary marking. A footpath has also been established through the site by repeated access (again likely due to lack of signage) approximately 500' north of southern boundary.

Pea Island Duck Pond Site: The site appears to be undisturbed and looks good. Construction activity associated with NC 12 repairs, specifically electrical utility work, appears to have removed the Pea Island Mitigation Site signage, but the construction activity was observed only in close proximity to road and has not impacted the site itself.

**WHICH NATURAL ACTIVITIES / CHANGES HAVE TAKEN PLACE SINCE LAST MONITORING INSPECTION?**

Check all that apply. Note location and extent. Wherever possible, note species of concern. Document with photos.

<input type="checkbox"/> FLOODING	<input type="checkbox"/> FIRE	<input type="checkbox"/> STORM	<input type="checkbox"/> EARTH MOVEMENT
<input type="checkbox"/> INVASIVE EXOTIC VEGETATION	<input type="checkbox"/> INSECT INFESTATION	<input type="checkbox"/> ANIMAL ACTIVITY	<input type="checkbox"/> OTHER ACTIVITIES/ CHANGES? (Please Explain)
<input checked="" type="checkbox"/> NO CHANGE			

**Comments:** Drift deposits were observed near the Duck Pond Site, but much of Pea Island was flooded in March of 2013 and observed deposits are likely remnant from that flooding event. Other than the observed deposits, no natural changes have occurred since the previous year's review.

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### WHICH MANMADE ACTIVITIES / CHANGES HAVE TAKEN PLACE SINCE LAST MONITORING?

*Check all that apply. Note location and extent. Document with photos.*

<input type="checkbox"/> NEW STRUCTURE / CONSTRUCTION	<input type="checkbox"/> DUMPING OR STORING	<input checked="" type="checkbox"/> NEW TRAILS OR ROADS
<input type="checkbox"/> TIMBER HARVEST/ VEGETATIVE CUTTING	<input type="checkbox"/> EXCAVATION (DREDGING, FILLING, GRADING, MINING)	<input type="checkbox"/> ALTERATION TO DRAINAGE PATTERNS/WATER QUALITY
<input type="checkbox"/> SUBDIVISION	<input type="checkbox"/> INDUSTRIAL, RESIDENTIAL, OR COMMERCIAL USE	<input type="checkbox"/> LAND CLEARING
<input type="checkbox"/> MOTORIZED VEHICLE DAMAGE	<input type="checkbox"/> TRESPASS/VANDALISM	<input type="checkbox"/> AGRICULTURAL USE
<input type="checkbox"/> ENCROACHMENT FROM ADJACENT PROPERTY	<input type="checkbox"/> ACTIVITY ON ABUTTING LAND	<input type="checkbox"/> OTHER ACTIVITIES / CHANGES? <i>(Please Explain)</i>
<input type="checkbox"/> NO CHANGE		

**Explain:** Multiple pathways have been established through the Dune Site by repetitive human traffic close to the southern boundary, spanning from NC 12, across the dunes to beach. There is no NCDOT or mitigation signage in this vicinity. Pathways are narrow and overall have minimal impact to the Site as a whole.

**REQUEST FOLLOW-UP BY PROGRAM MANAGER FOR POSSIBLE VIOLATIONS.**

YES

NO

Were corrective actions completed for previous inspection(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<b>EXPLAIN:</b>
		<input checked="" type="checkbox"/> N/A	
Are you aware of any plans that may affect property?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<b>EXPLAIN:</b>
Are there concerns about boundaries by adjacent property owners?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<b>EXPLAIN:</b>
Are there changes in land use on adjacent property?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<b>EXPLAIN:</b>
Are deed restrictions being adhered to?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<b>EXPLAIN:</b>
If new property owner, do they have a written copy of the restrictions?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
		<input checked="" type="checkbox"/> N/A	

**ATTACHMENTS:**

- 1) SITE PHOTOGRAPHS WITH CAPTIONS
- 2) SITE MAP

# PEA ISLAND

## Site Photographs:



Photo 1 – Interior of Pea Island Site as seen from NC 12, facing east.



Photo 2 – Interior of Pea Island Site, facing northwest.

# PEA ISLAND



Photo 3 – Interior of Pea Island Site, facing north.



Photo 4 – Interior of Pea Island Site, facing east.

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Photo 5 – Duck Pond Site as seen from NC 12, facing west.



Photo 6 – Construction along NC 12 in the vicinity of the Duck Pond Site that may have required temporary removal of the NCDOT Mitigation Site signage.



Unmarked boundary and mowing around signs is encroaching on boundary

Multiple narrow trails established leading towards beach

Pea Island  
12

**Legend**

 Division 1 Study Site

0 600 1,200  
Feet

NC OneMap, NC Center for Geographic Information and Analysis, NC 911 Board



**Division 1 - Pea Island (WM 028-005)**  
NCDOT Site Inspection Program  
Dare County, North Carolina  
November 2014



**Legend**

 Division 1 Study Site

0 200 400  
Feet

NC OneMap, NC Center for Geographic Information and Analysis, NC 911 Board



**Division 1 - Pea Island (Duck Pond)**  
NCDOT Site Inspection Program  
Dare County, North Carolina  
November 2014