

## DOT INSPECTION REPORT

MITIGATION SITE NAME UT to Red Bud Creek	TIP # U-2527	WBS #	INSPECTION DATE 10/7/15
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COUNTY Wake	# ACRES 3.09
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MONITORING ORGANIZATION HDR for NCDOT	INSPECTOR JJ/JT	PHONE (919) 232-6637	EMAIL ADDRESS vickie.miller@hdrinc.com
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<b>INSPECTION ACTIVITIES:</b> <i>Complete all that apply. Describe location of visited areas if &lt;100%.</i>			
Walked boundaries	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
Walked trails / roads	<input checked="" 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 checked="" type="checkbox"/> YES	<input 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 checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR
<b>COMMENTS:</b> Four wheeler activity noted on the site. Recommend gating off access at the upper west side of the reach and reinstalling right of way fencing.			

**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 checked="" type="checkbox"/> INVASIVE EXOTIC VEGETATION	<input type="checkbox"/> INSECT INFESTATION	<input checked="" type="checkbox"/> ANIMAL ACTIVITY	<input type="checkbox"/> OTHER ACTIVITIES/ CHANGES? <i>(Please Explain)</i>
<input type="checkbox"/> NO CHANGE			
<b>EXPLAIN:</b> Microstegium was noted throughout the reach and cattails are present in the lower reach on the west side of the road. As was noted in 2014, evidence of beaver activity in the upper reach on the west side is still present.			

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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 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 checked="" type="checkbox"/> MOTORIZED VEHICLE DAMAGE	<input checked="" 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:** Evidence of four wheeler activity. An oak tree had been cut in the power line easement.

**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) PHOTOGRAPHS WITH CAPTIONS
- 2) MAP AND PHOTOGRAPHS WITH CAPTIONS OF RELEVANT NATURAL AND MANMADE ACTIVITIES

## UT TO RED BUD CREEK



Downed fencing at northern site boundary; ATV traffic accessing from this entrance



Felled tree across stream channel and ATV access road; north of powerline

## UT TO RED BUD CREEK



Stream channel at powerline area at hardened crossing; facing west

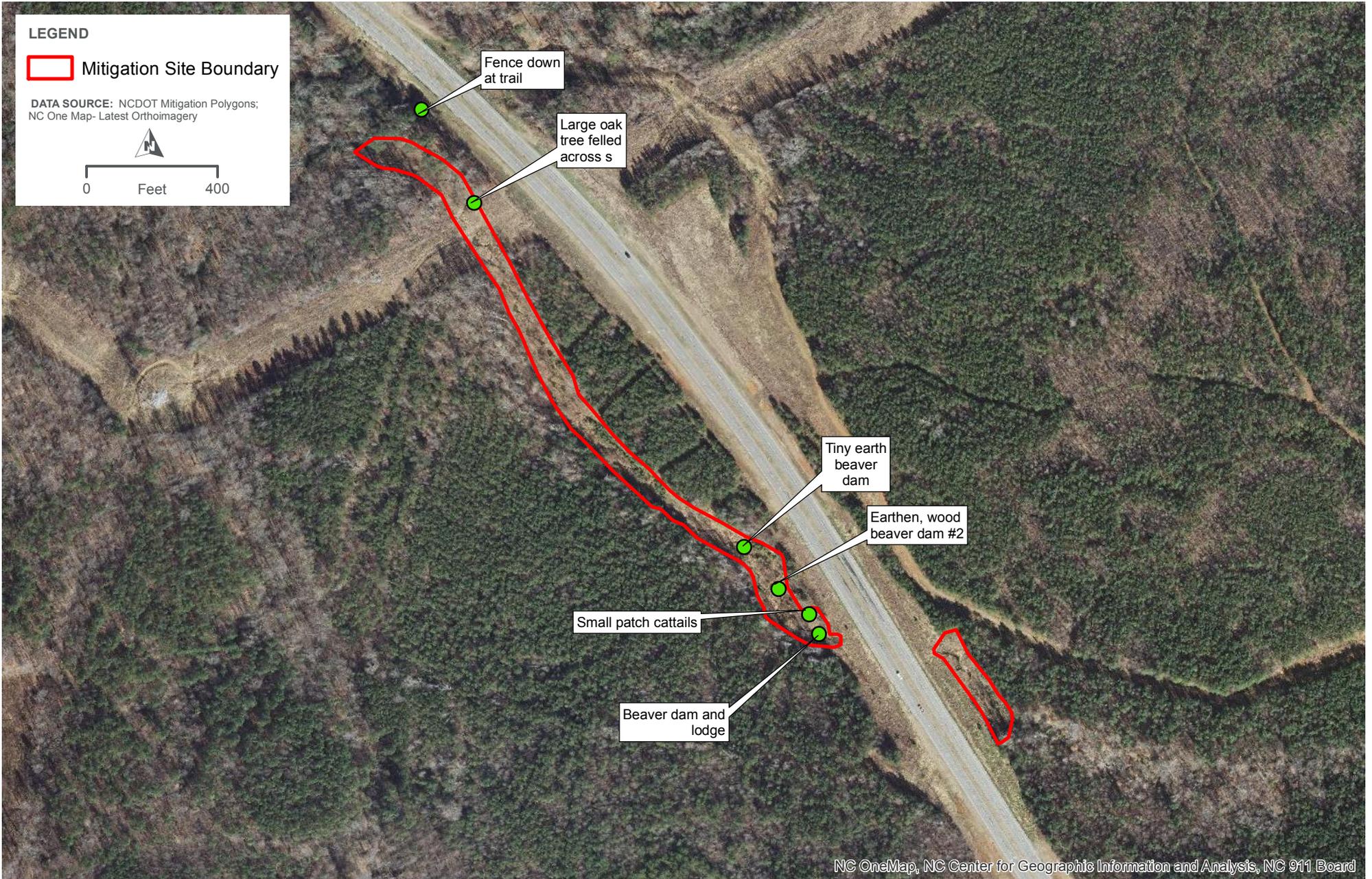


Riffle pool complex facing upstream (north) in bottomland hardwood buffer; mid-section of site

## UT TO RED BUD CREEK



Downstream area on east side of MLK Jr Blvd; facing south



**UT TO RED BUD CREEK  
VANCE COUNTY**