

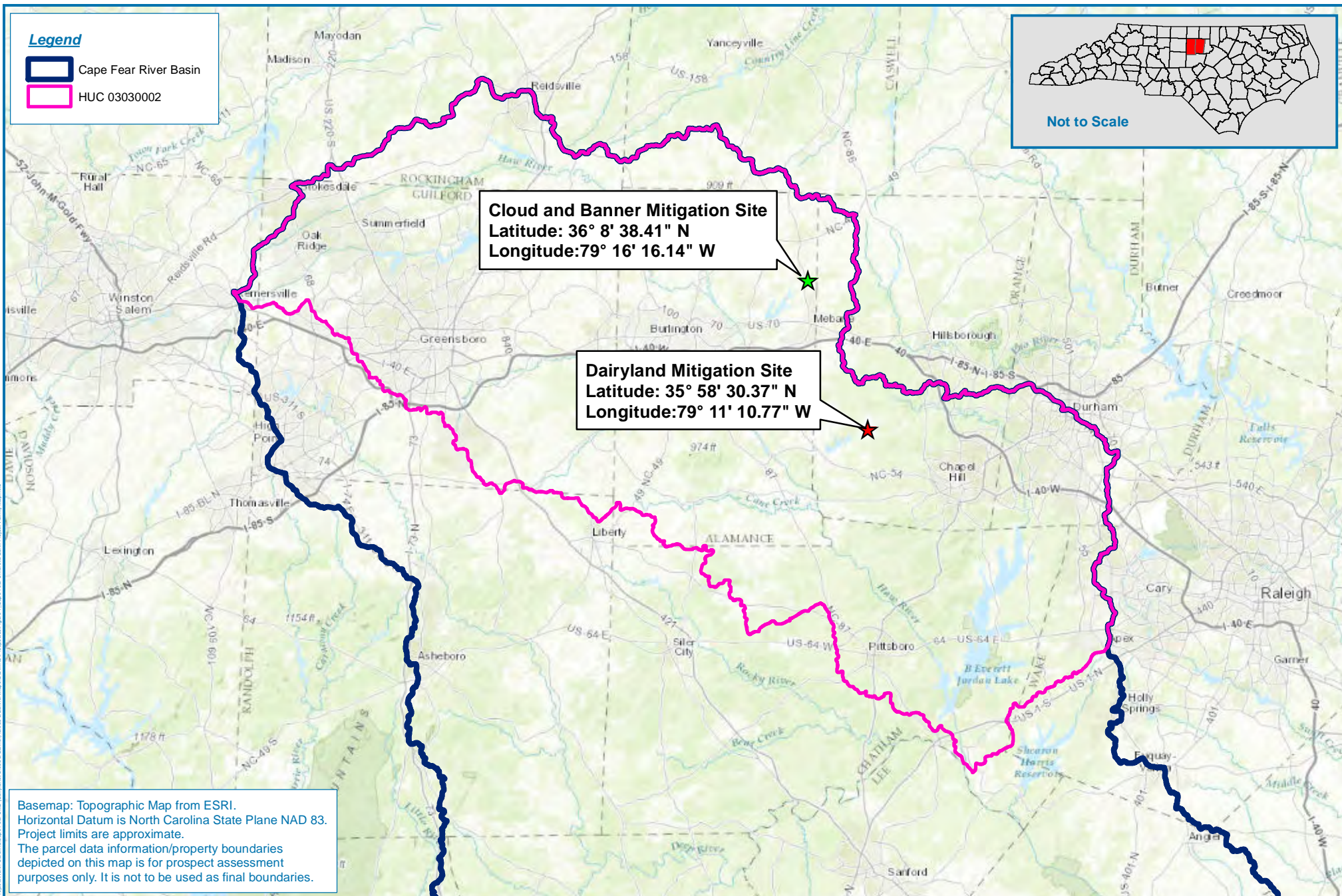
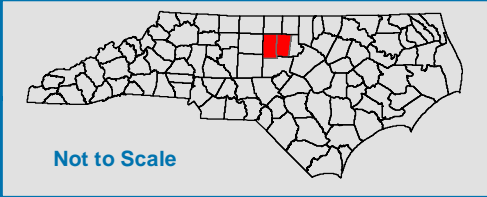
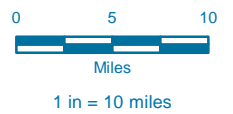


**Legend**

-  Cape Fear River Basin
-  HUC 03030002




Basemap: Topographic Map from ESRI.  
Horizontal Datum is North Carolina State Plane NAD 83.  
Project limits are approximate.  
The parcel data information/property boundaries depicted on this map is for prospect assessment purposes only. It is not to be used as final boundaries.



**FIGURE 1**  
**Vicinity Map**  
**RES Cape Fear Umbrella Mitigation Bank**  
**NORTH CAROLINA**

Date: 5/19/2016







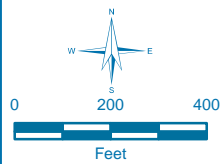


Stream Mitigation				
Reach	Mitigation	Length (LF)	Ratio	SMU
Back Creek	Enhancement II	2679	2.5:1	1072
Back Creek	Enhancement II	945	2.5:1	378
UT1	Enhancement II	337	2.5:1	135
UT2	Enhancement II	752	2.5:1	301
UT3	Enhancement II	326	2.5:1	131
UT4	Restoration	776	1:1	776
UT5	Restoration	782	1:1	782
UT6	Enhancement III	277	5:1	55
UT6	Enhancement I	558	1.5:1	372
<b>TOTAL</b>		7432		4001
		<b>Adjusted Total ( 20%)</b>		4801
Wetland Mitigation				
Mitigation Type	Acres	Mitigation Ratio	WMUs	
High Enhancement	3.83	2:1	1.92	
Low Enhancement	8.12	5:1	1.62	
<b>TOTAL</b>	11.95		3.54	



**Legend**

- Disturbed hydric soil borings
- ⬜ Easement- 56.45 Ac (+/-)
- Stream Mitigation**
- Restoration (1:1)
- Enhancement I (1.5:1)
- Enhancement II (2.5:1)
- Enhancement III (5:1)
- Wetland Mitigation**
- ▨ High Enhancement (2:1)
- ▨ Low Enhancement (5:1)



**Figure 11**  
**Conceptual Map**

**Cloud and Banner Mitigation Site**  
**RES Cape Fear Umbrella Bank**

**ALAMANCE COUNTY, NORTH CAROLINA**

Date: 5/19/2016

Drawn by: BPB

