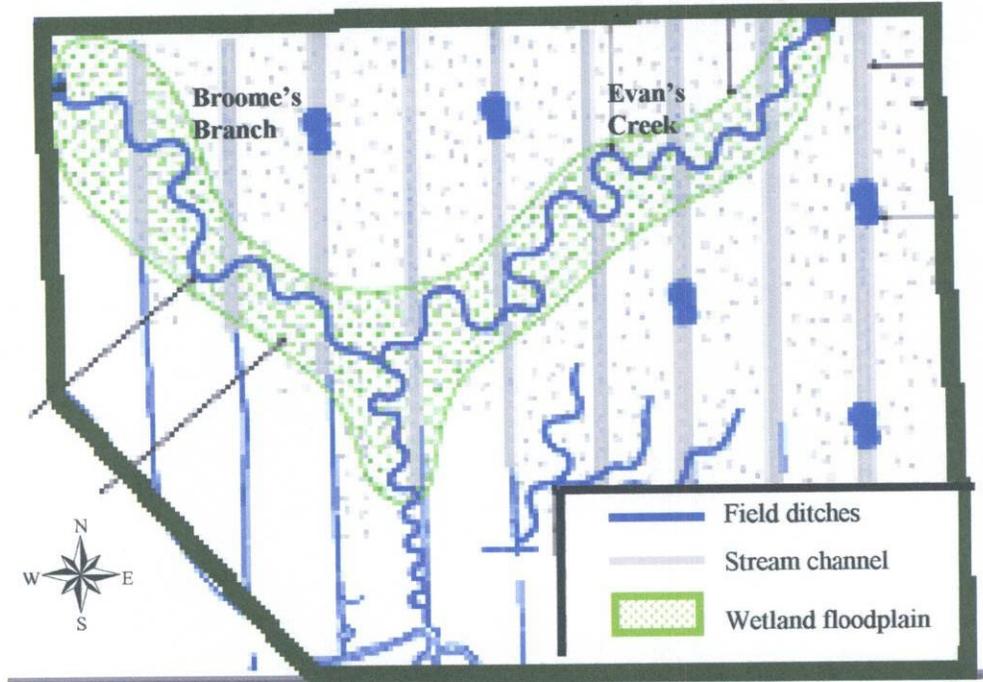
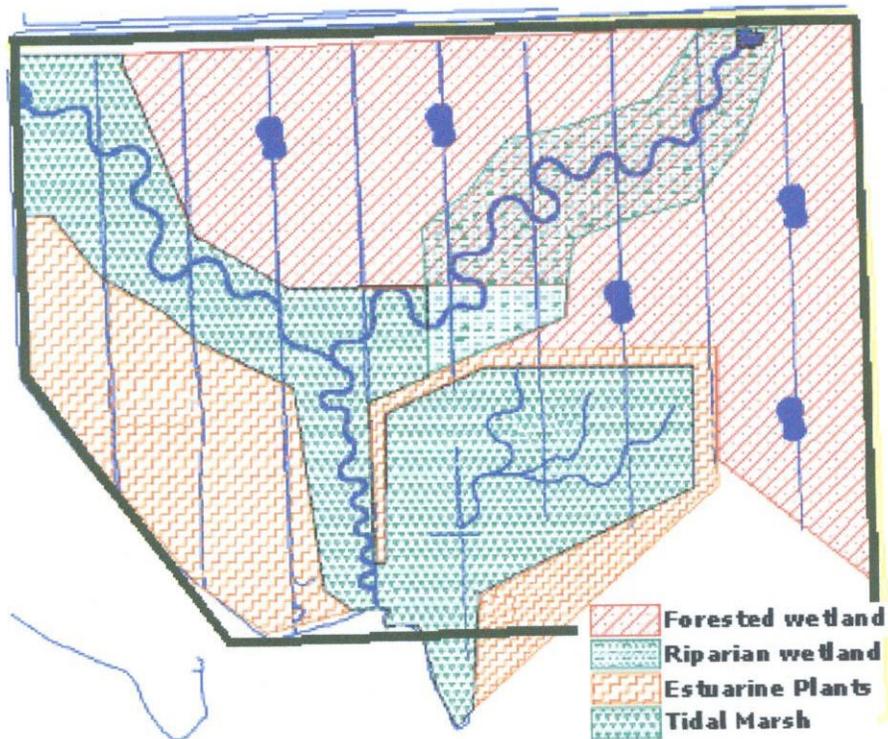


**Figure 1. Restoration Design Plan for Phase II, North River Farms.**



**Figure 2. Proposed Vegetation Plan for Phase II Restoration, North River Farms.**



**Figure 3. Field Schemata for Phase II Restoration, North River Farms.**  
(Field numbers in black.)



**Phase II Restoration, North River Farms: Photographic Log**



Pre construction meeting on site, 7/28/05.



View south of an elevation benchmark near the confluence of two streams, 8/30



View south of work in field 4, 8/30/05



Path of Broome's channel near confluence in field 4 facing south. Pink flags mark channel. 8/30/05



Path of Broome's channel facing west. Pink flags mark channel. 8/30/05



Path of Evans channel facing east. Pink flags mark channel. 8/30/05



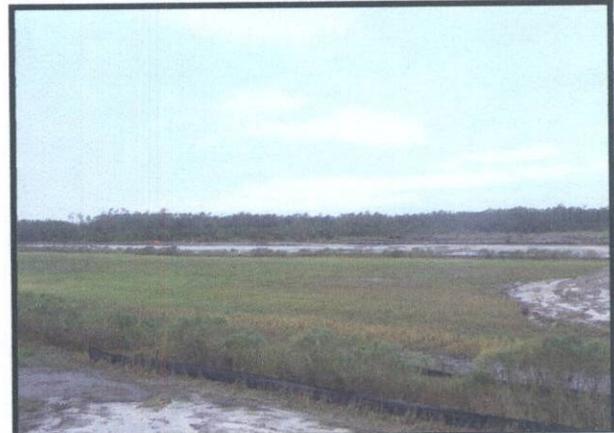
Soil stockpile onsite. Six inches of topsoil will be replaced before vegetating. 10/4/05



View southeast of Fields 3 and 4 and the silt fence along the field ditch. 10/4/05



NC Sea Grant's Coastwatch Magazine's Pam Smith is introduced to NRF. 10/4/05



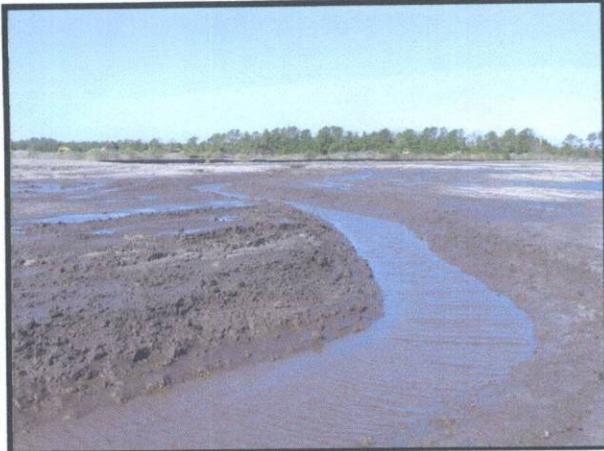
View west of fields 1 and 2. 10/12/05



UNC-TV Videographic team at NRF 10/14/05. NRF Partner Dr. Kirby-Smith is visible on the left.



NCCF volunteer Mark Walker interviews with UNC-TV. 10/14/05



View facing north of main stream channel in field 4, 11/2/05.



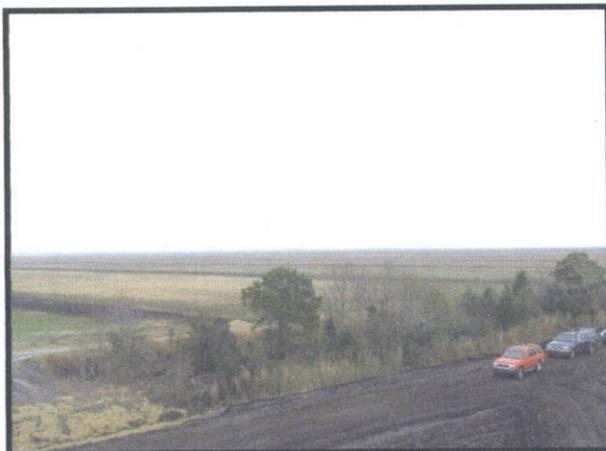
View facing north of main stream channel in field 4, 11/2/05.



View facing northwest of stream channel of the brackish branch in field 3, 11/2/05.



View facing west of stream channel of the brackish branch in fields 1 & 2, 11/2/05.



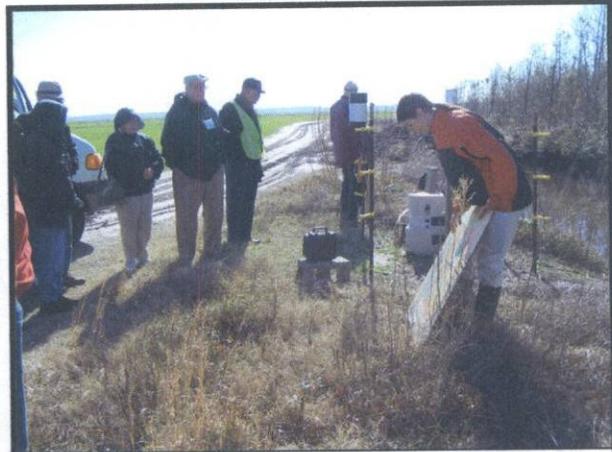
View facing northeast from soil stockpile of access road and neighboring Open Grounds Farm, 12/8/05.



Aerial view to the northeast of the completed stream and floodplain in the project area (outlined in red) and the extensive agricultural land to the north. Photo by Restoration Systems Inc, Feb 2006.



Aerial view to the northwest showing completed sections of the tidal channel from the canal in the northwest corner to Deep Creek in the south. Neither end of the stream is connected outside of the project area at this point. Photo by Restoration Systems Inc, Feb 2006.



February 2006 tour of the farm with the Elderhostel group is lead by NCCF's Habitat Restoration Specialist. Tour included water sampling research stations used by Duke's Dr. Kirby-Smith.



NCCF's March 2006 Central Public Oyster Forum had 75 attendees and highlighted North River Farms.



The Onslow Bight Conservation Forum visited the project site as part of a tour on March 29<sup>th</sup>.



View facing east from field 1 of newly completed brackish branch, March 2006.



View facing north from field 4 of main stream section, April 2006.



View facing south of main stream channel in field 4; matting helps stabilize the banks. April 2006.



Temporary earthen plug between the south end of the new stream and Deep Creek, April 2006.



Graded floodplain and view of NCSU study plots and monitoring wells prior to planting, April 2006.



View north of confluence of two streams; matting is installed and planting areas are flagged, April 2006.



View facing north of main channel and floodplain; areas to be planted are marked and monitoring equipment is installed. April 2006.



View of recently installed root wads and a root wad stockpile on site. Root wads help maintain bank stability. April 2006.



Volunteers unload *Spartina* plants at project site, June 2006.



Volunteers stockpile *Spartina* plants in preparation for planting effort, June 2006.



12,000 plugs of *Spartina alterniflora* were planted in zones along the stream channel in June 2006.



30,000 plugs of *Spartina patens* were planted in the upper marsh area in June 2006.



*Spartina alterniflora* is planted through the stream matting in some areas. June 2006.



View of planted stream corridor and NCSU sampling station, June 2006.



Planted stream corridor with matting on outside edges of stream meanders, June 2006.



Installed rootwads stabilize the bank along the main channel in field 4, June 2006.



A cattle egret frequents North River Farms, June 2006.



A white ibis forages for a meal at North River Farms, June 2006.



Participants of The Nature Conservancy's June 28<sup>th</sup> Workshop learn about the restoration project.



Dr. Mike Burchell from NCSU explains the restoration project during the June 28<sup>th</sup> tour.



Stream corridor after second planting (*Juncus roemerianus*), July 2006.



Natural *Spartina* and *Juncus* stands adjacent to the restoration area.



NCCF staff and Phase II construction manager walk along a newly completed intermittent tidal stream.



A blue crab sits on the bank of the restored tidal creek at North River Farms, July 2006.



NCSU's stream monitoring equipment on the restored stream corridor.



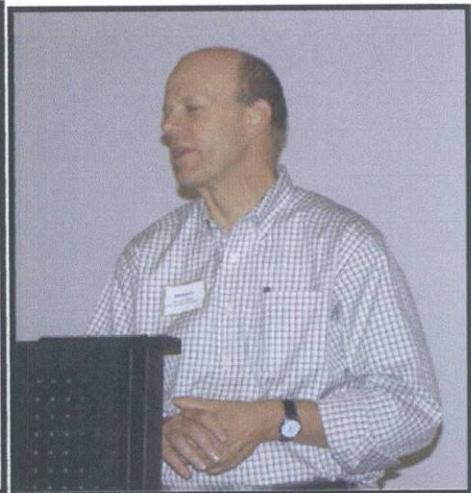
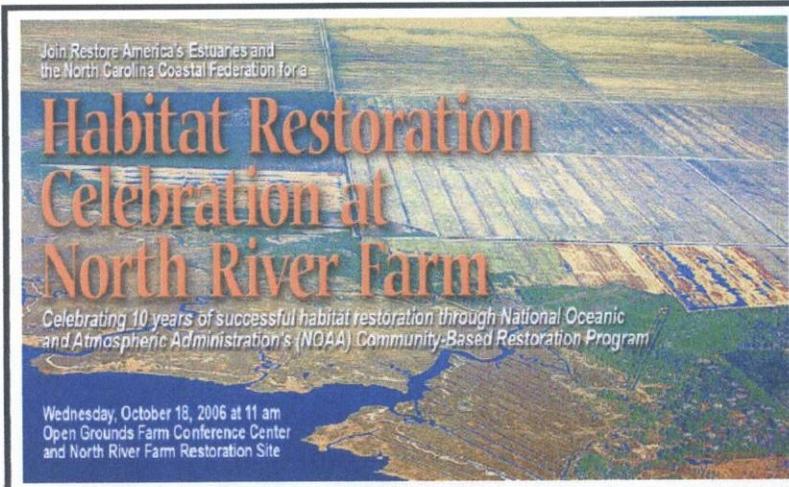
*Sesuvium portulacastrum* and *Distichlis spicata* volunteer in to the restored wetland floodplain.



Stream corridor after second planting (*Juncus roemerianus*), July 2006.



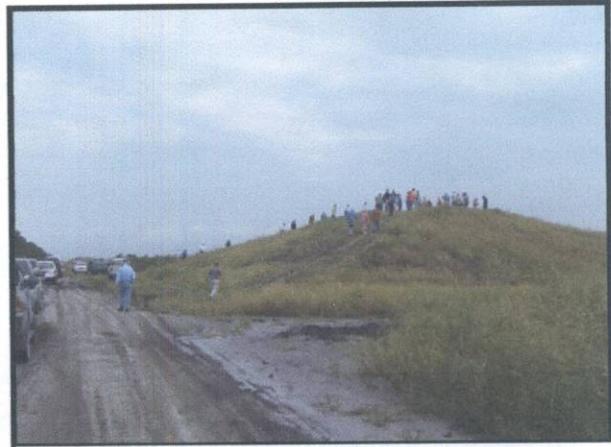
Natural *Spartina* and *Juncus* stands adjacent to the restoration area.



**The Habitat Restoration Celebration at North River Farm** (clockwise from left): NCCF staff with NCSU's Dr. Mike Burchell (red) and DENR Secretary Ross; attendees talk before the event; the event flier; CWMTF's Bill Holman; RAE's Steve Emmett-Mattox presents NOAA's Tim Keenev with restoration award



Participants enjoy lunch during the October Celebration.



October participants gather on top of one of the stock-pile mounds at the site to view the restoration areas.



Dr. Mike Burchell of NCSU and Wes Newell of Backwater Environmental explain the site plan.



October field trip participants listened to speakers and then had the opportunity to hike into the site.



Volunteers and students from Morehead Middle School and UNC-CH were visible during the tour.



100 silky dogwood trees were planted during the October event by the students.