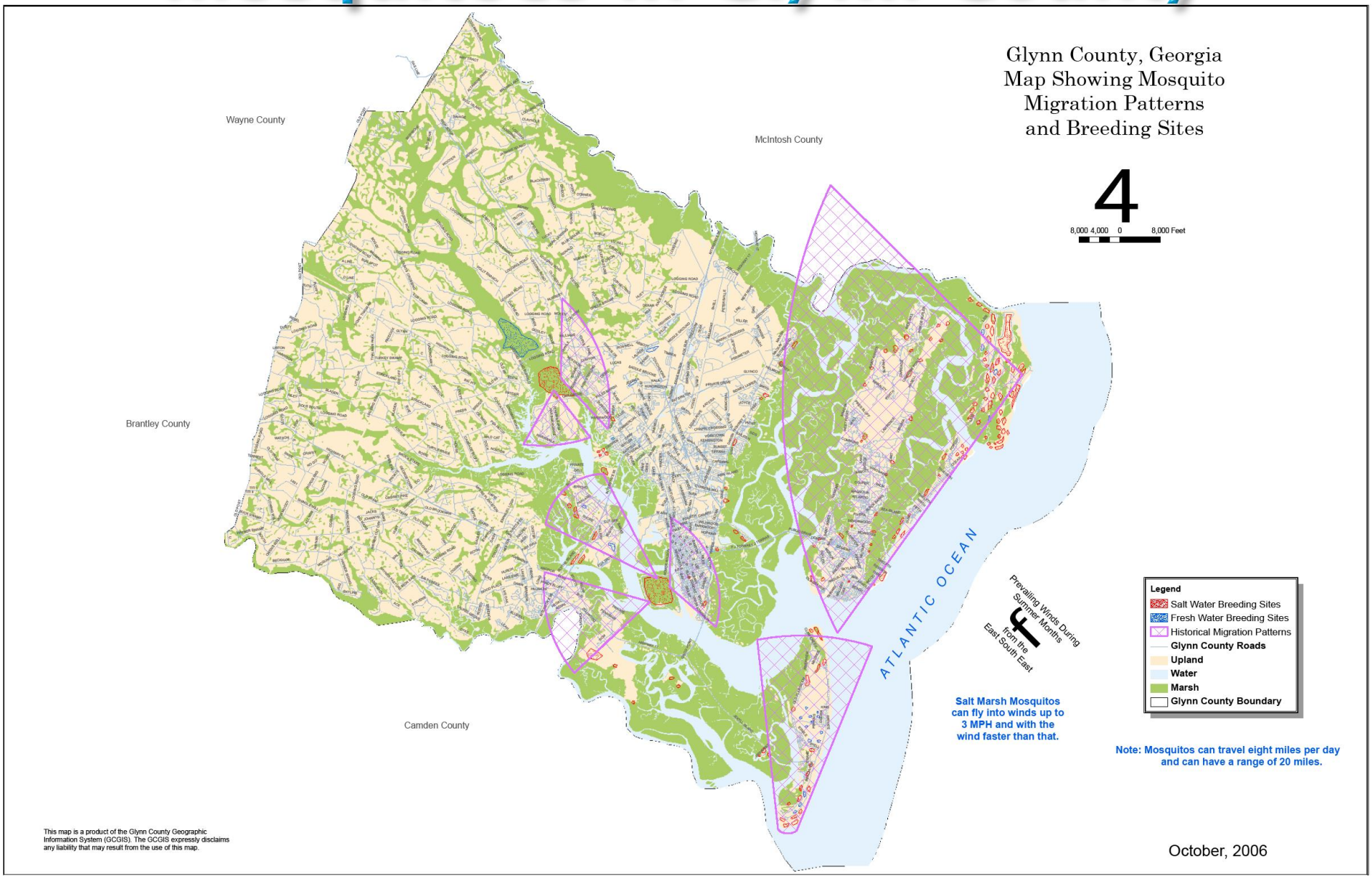
Larviciding salt marsh mosquitoes in Glynn County



Salt Marsh Mosquito Species

SEA ISLAND BARROW PIT

BREEDING LOCATIONS

- Degraded Salt Marshes
  Spoil Containment Sites

- Drainage ditches
- Dune Swales
- High salt marshes

Ochlerotatus taeniorhynchus "teenies"

- 90% of mosquito adults in Glynn County
- 99.99% of larvae

Ochlerotatus sollicitans

Seem to love mud/cracks-only species in some

- Hang evenly spaced on surface of water
- Earliest in the season to reach large populations
- Bite ferociously eyelids, hands, through clothes
- Hurt worse
- Hang onto your body much stronger than others

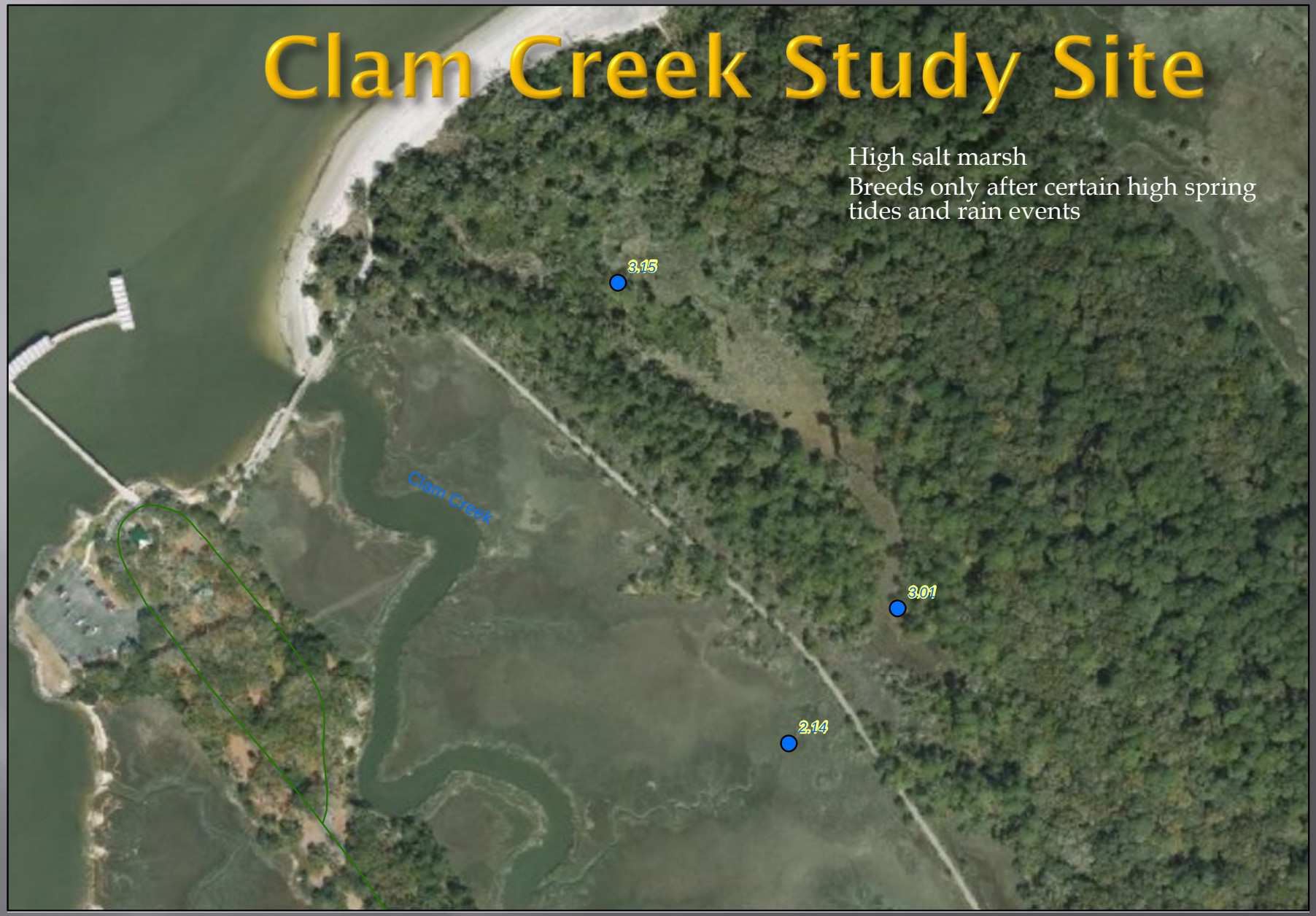
Jekyll Island Dune Swales

Agnique when fairly wet from rain

Use methoprene products in larger harder to treat sites

4-H
camp
05/28/2009

Clam Creek Study Site



Y	X	Elevation
31.11796389	-81.41454444	3.15
31.11621944	-81.412825	3.01
31.11550278	-81.41350556	2.14

0 125 250 500 Feet

1 inch = 250 feet

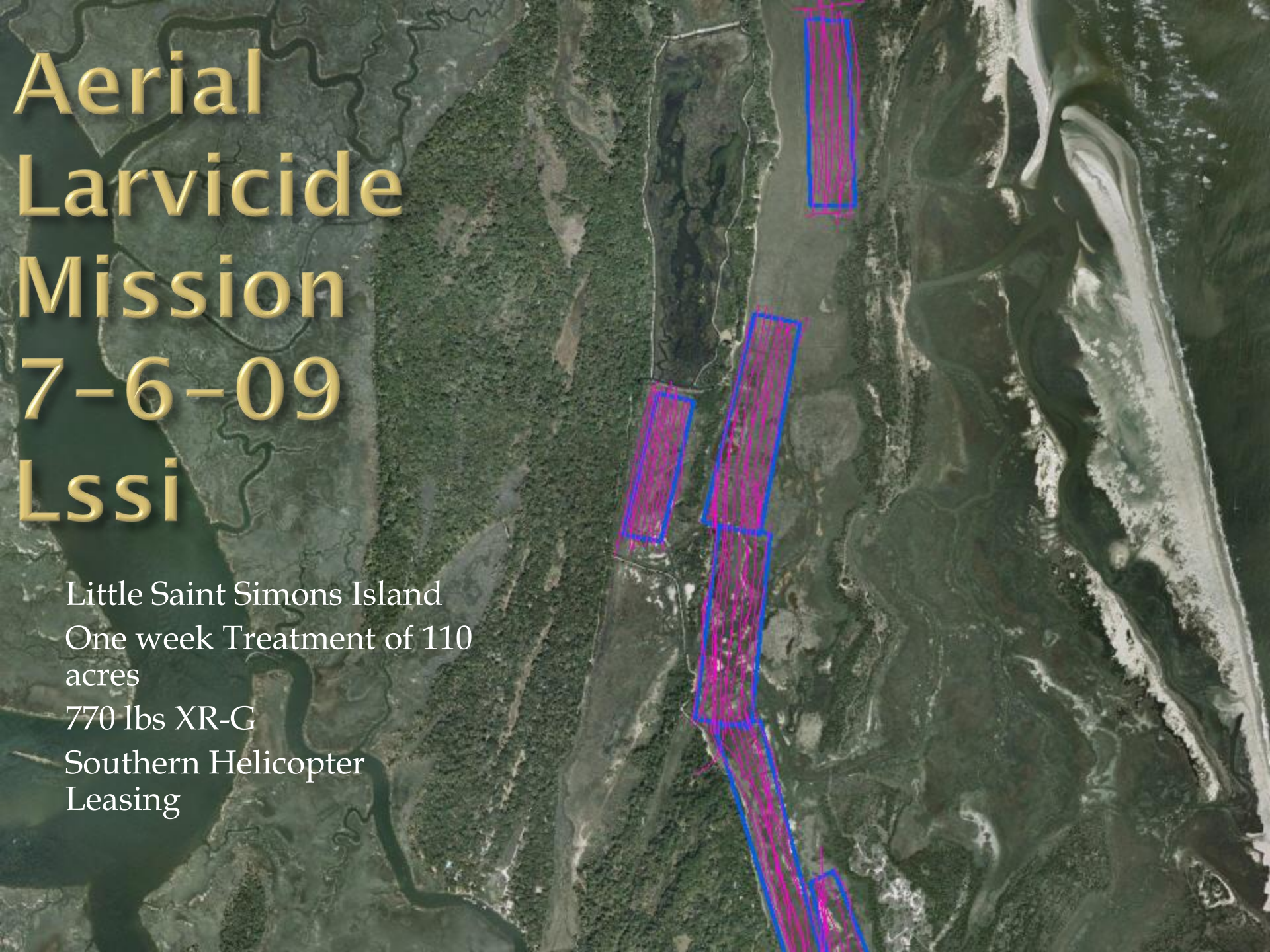
Glynn County, Georgia
Autodata Logger Locations
Adjacent to Clam Creek

This map is a product of the Glynn County Geographic Information System (GCGIS). The GCGIS expressly disclaims any liability that may result from the use of these maps.

BTI 20 LBS PER ACRE—2.5 ACRES

02/03/2010

Aerial Larvicide Mission 7-6-09 Lssi



- Little Saint Simons Island
- One week Treatment of 110 acres
- 770 lbs XR-G
- Southern Helicopter Leasing

Little Saint Simons Island Altosid SB-G

10 lbs per acre

15 acres

12 man hours

Travel/Application time were equal

New Safety Rule