

**Lake Information:**  
Area: 0.29 Acres  
Max Depth: -6.4 ft  
Mean Depth: -2.7 ft  
Volume: 282,700 Gallons - 0.84 acre/feet

**Mapping Information:**  
Data Collection Performed: March 2011  
GPS: Mapping Grade (sub-foot accuracy)  
Points Collected: 1,232  
Lake Level: Full Pool

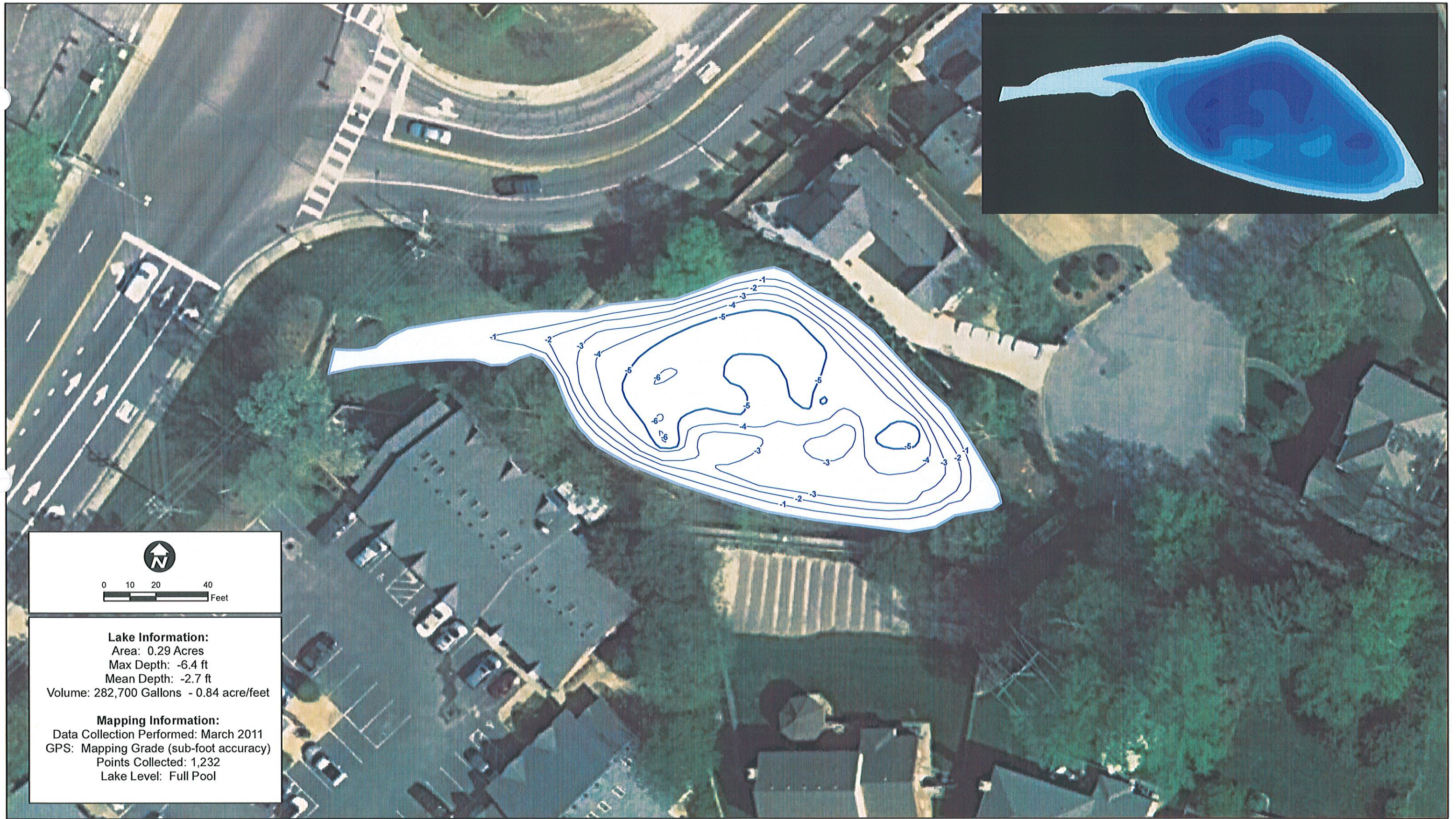
**SOLITUDE**  
LAKE MANAGEMENT

## Church Point - 3D Map

Virginia Beach, Virginia

the  
**MappingNetwork.**

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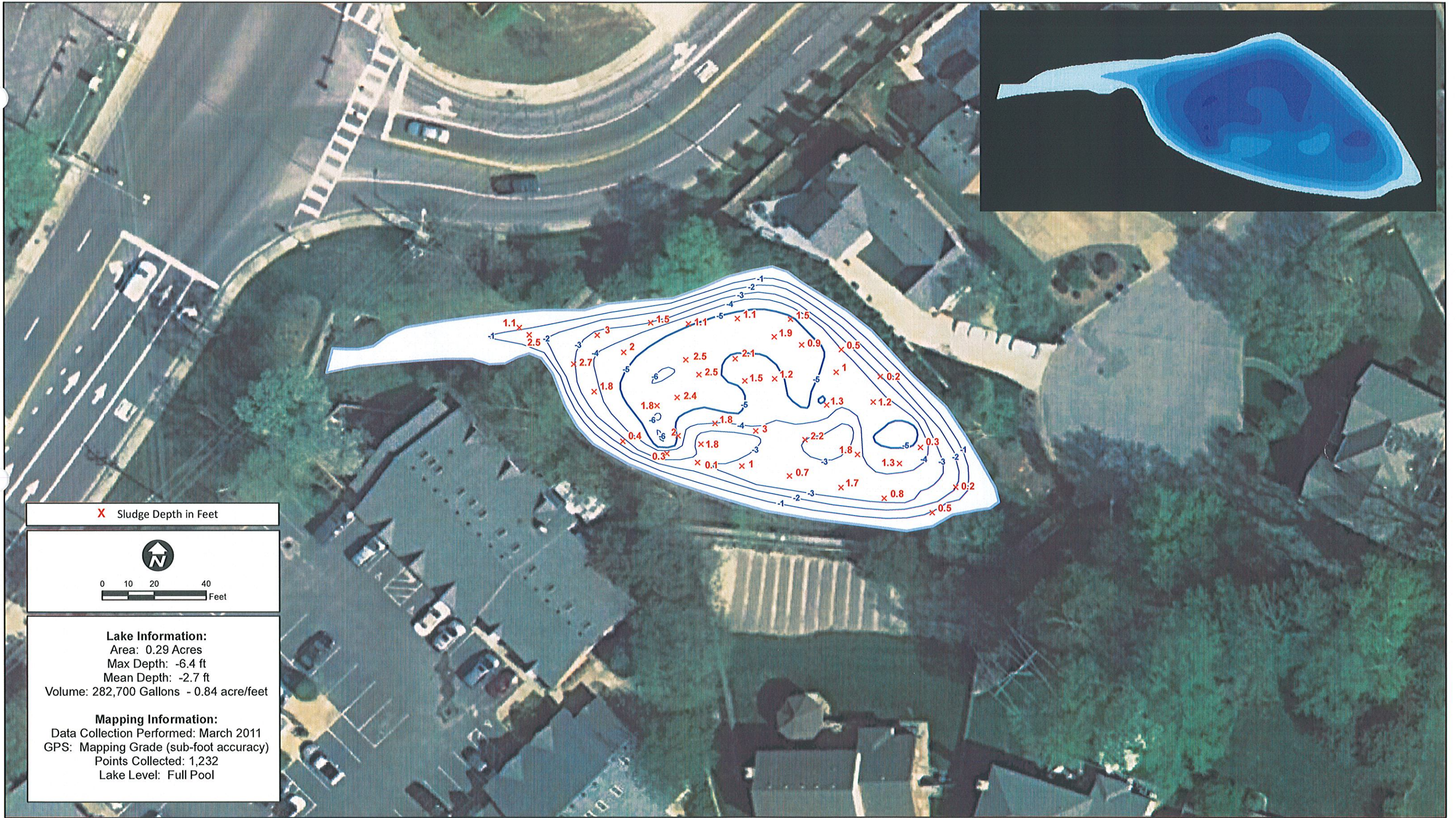
Lake Level: Full Pool



# Church Point - Contour Map

Virginia Beach, Virginia

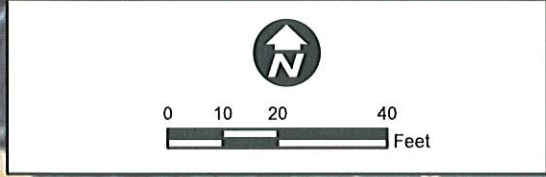
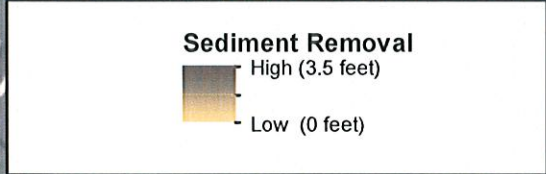
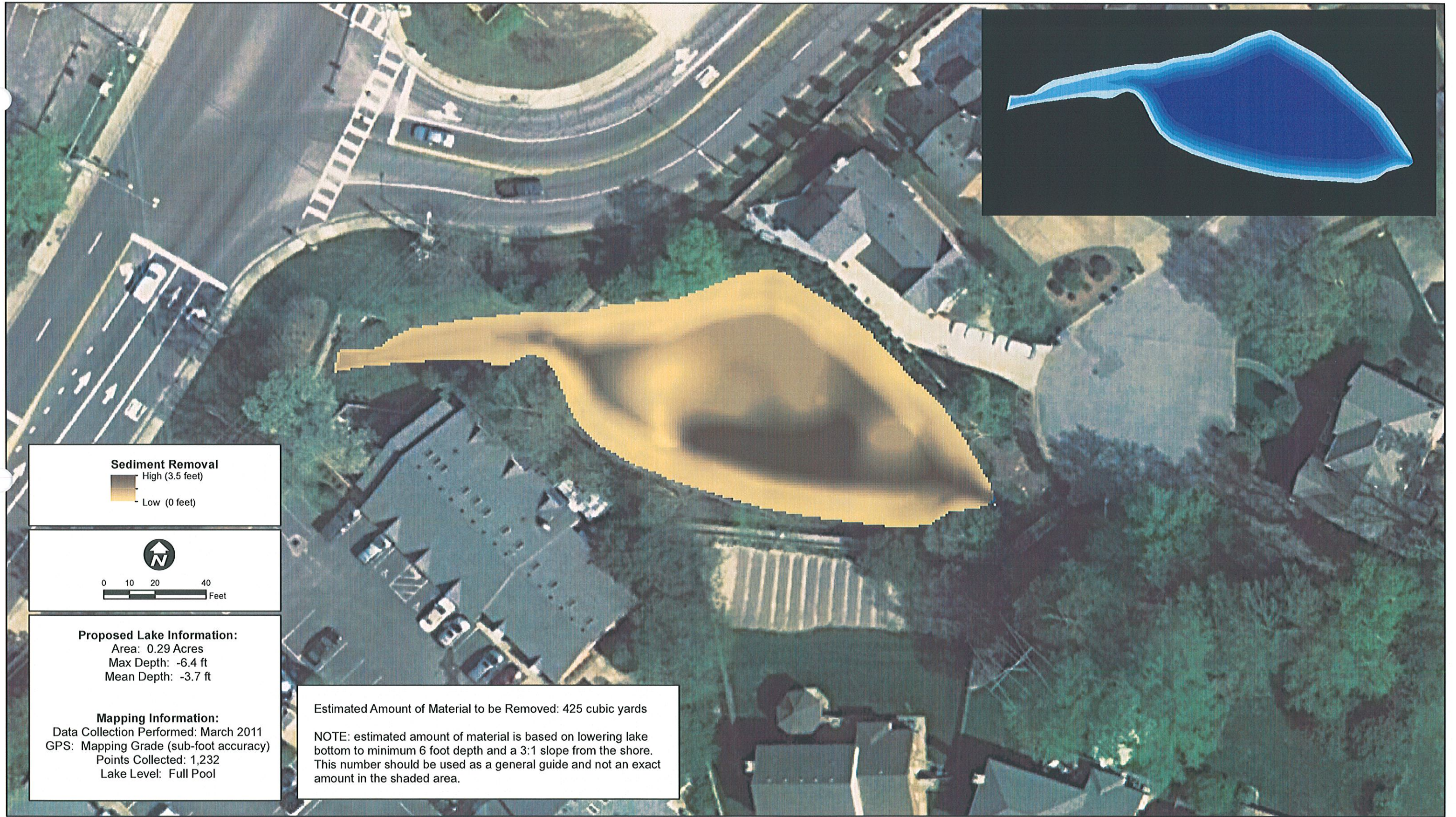




## Church Point - Sediment Map

Virginia Beach, Virginia



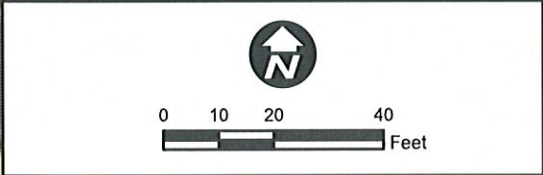
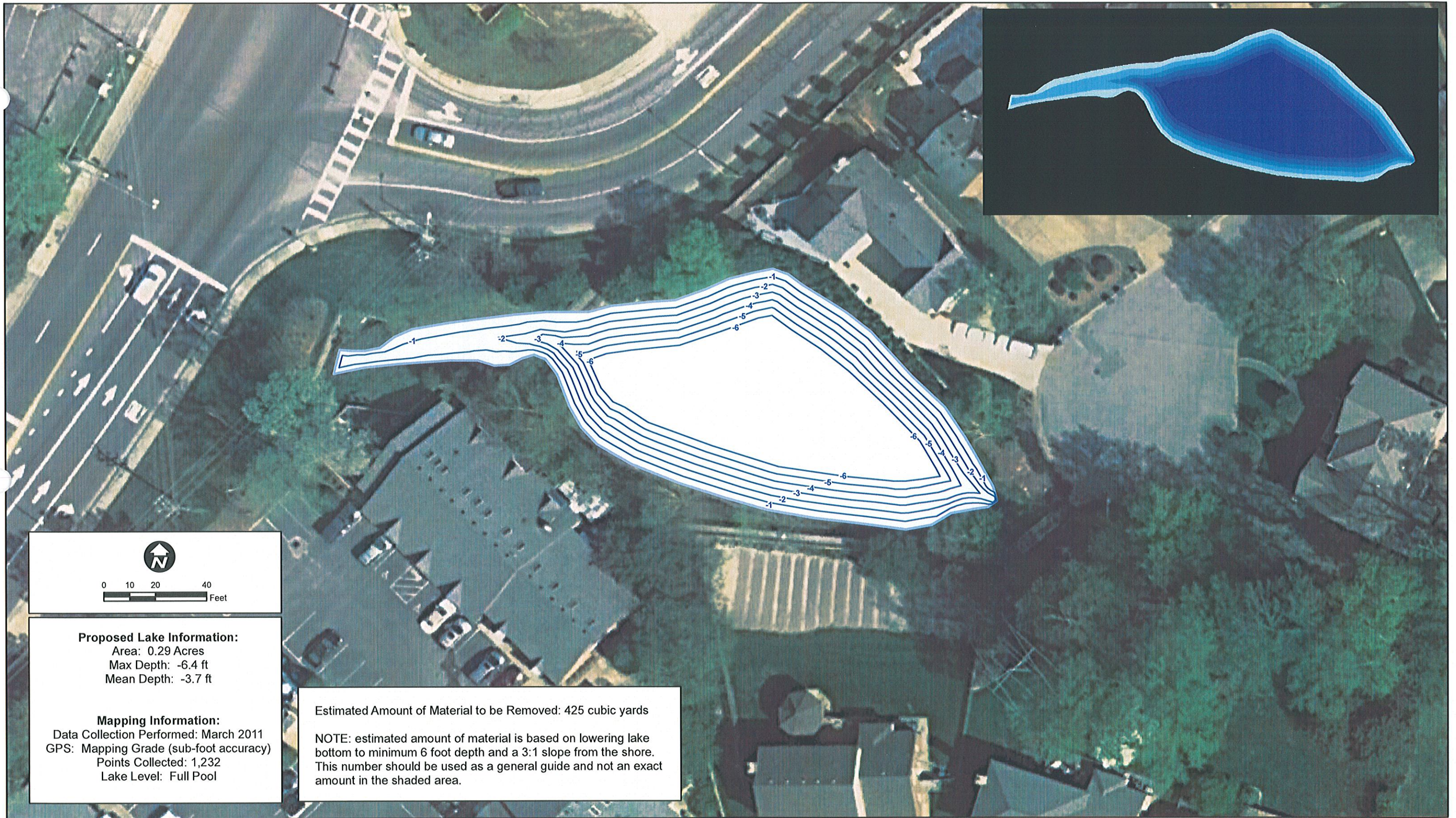


**Proposed Lake Information:**  
 Area: 0.29 Acres  
 Max Depth: -6.4 ft  
 Mean Depth: -3.7 ft

**Mapping Information:**  
 Data Collection Performed: March 2011  
 GPS: Mapping Grade (sub-foot accuracy)  
 Points Collected: 1,232  
 Lake Level: Full Pool

Estimated Amount of Material to be Removed: 425 cubic yards

NOTE: estimated amount of material is based on lowering lake bottom to minimum 6 foot depth and a 3:1 slope from the shore. This number should be used as a general guide and not an exact amount in the shaded area.



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