

**Appendix G - A.**

**Geomorphic Survey Form**

The following images present the BANCS Survey Form as it appears on a mobile device as used in the field. This is an updated version of the survey. The original survey that was used to evaluate Section 1 of the Middle Huron River Watershed did not include bank line mapping (screen 4) or nested key points (screen 5).

**BANCS Survey**

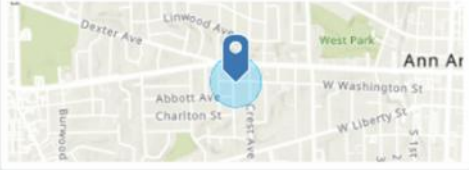
**Site Information**

Assessment ID

Start Date/Time

Observers  
First initial. Last name

Starting Point of Assessment



Measured Bankfull (ft)  
Reference bankfull pre-entered. Do not alter unless instructed.

Water depth (ft)  
Measured to nearest tenth from thalweg (deep point)

Screen 1.

**BANCS Survey**

**Erosion Observations**

**Key Points**

Which bank are you assessing? (left or right determined looking downstream)

Right  
 Left  
 Both  
 Alternating

Study Bank Height (ft)

Root Depth  
as a % of total bank height

Root Density  
as a %

Bank Angle  
Degrees. Undercut should be > 90.

Surface Protection  
as a % of the full bank

Screen 2.

**BANCS Survey**

Surface Protection  
as a % of the full bank

Material

- Cobble
- Gravel
- Sand
- Clay
- Boulder
- Riprap
- Gravel/Loam Matrix
- Cobble/Loam Matrix
- Gravel/Clay/Loam Matrix
- Cobble/Clay/Loam Matrix
- Bedrock

Stratification

- No layers present
- Presence of stable layers
- Presence of unstable layers

Near-Bank Max Depth (ft)

Notes/Comments

✓

Screen 3.

**BANCS Survey**

- Gravel/Clay/Loam Matrix
- Cobble/Clay/Loam Matrix
- Bedrock


Stratification

- No layers present
- Presence of stable layers
- Presence of unstable layers

Near-Bank Max Depth (ft)



Notes/Comments

Trace length of bank surveyed  
Please trace one bank, unless you observed both banks



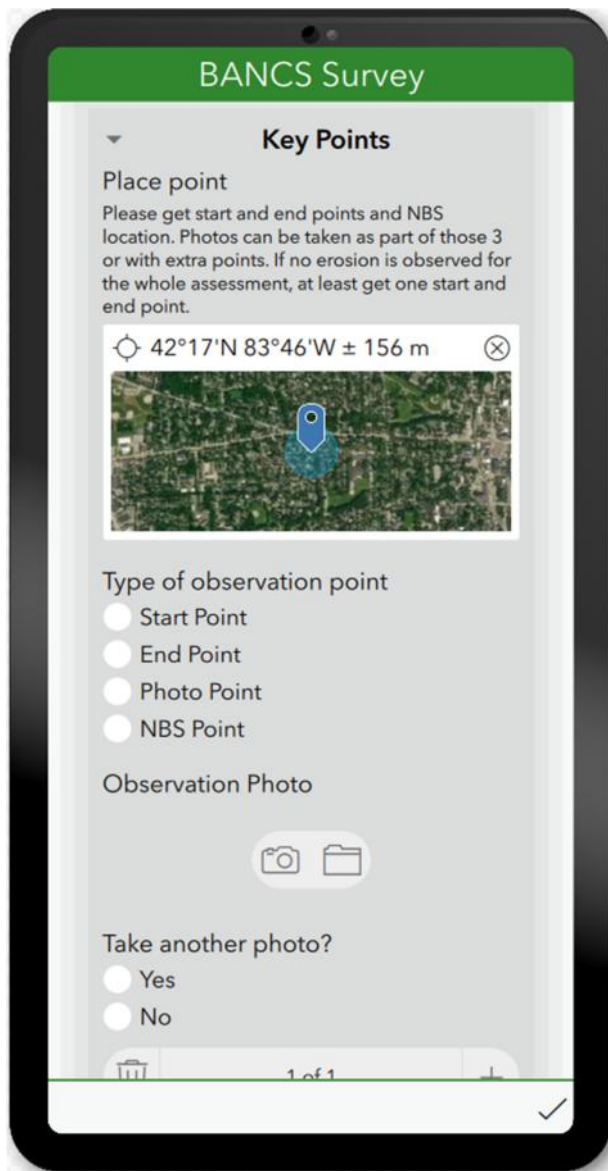
Bank length (ft)  
Edit if measured by tape

**Resulting BEHI Scores**

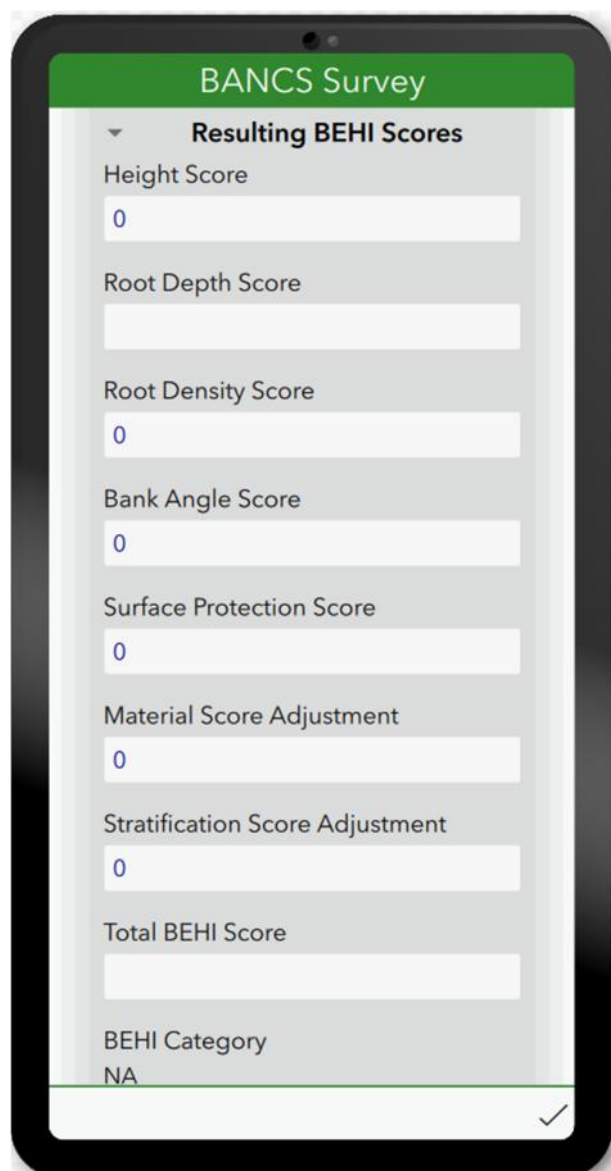
 1 of 1 

✓

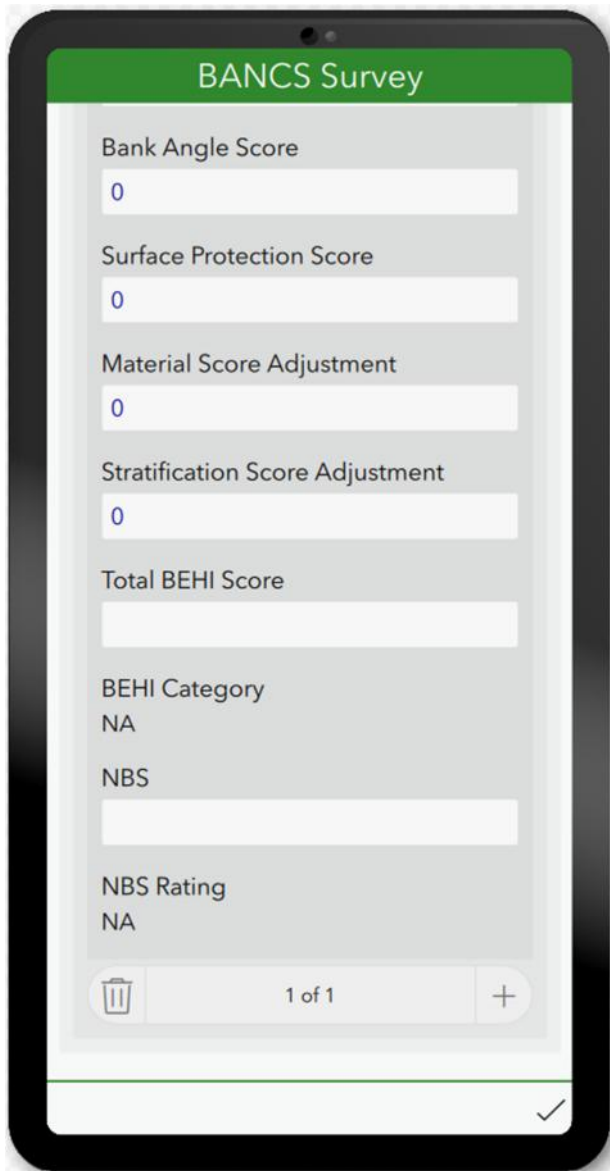
Screen 4.



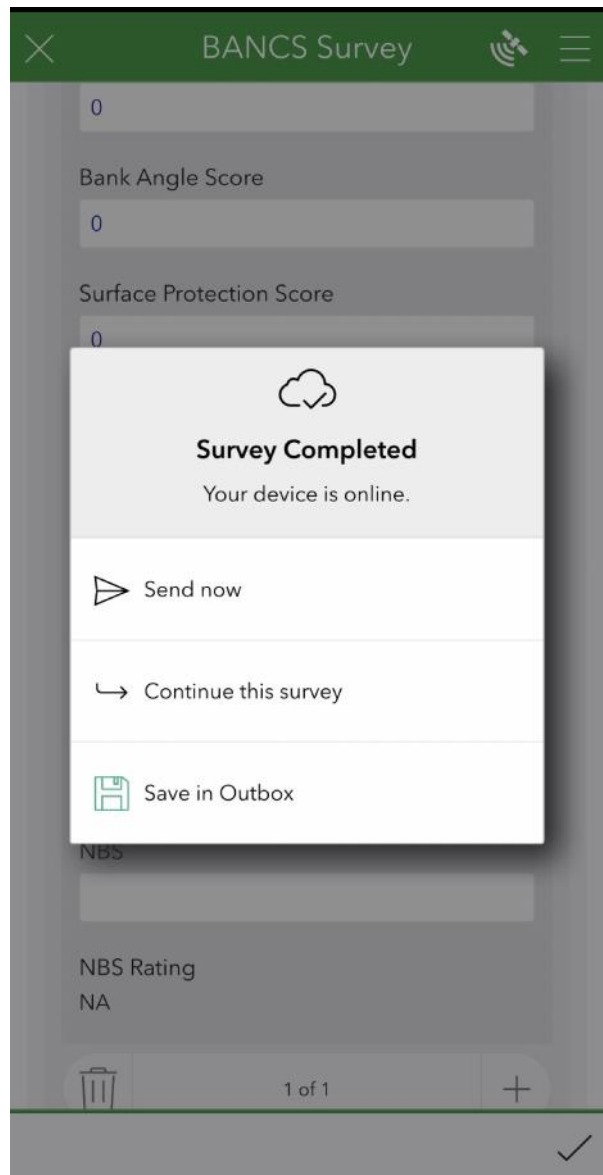
Screen 5.



Screen 6.



Screen 7.



Screen 8.