



# Calm B4 the Storm

Usability Testing Presentation

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# Application Summary

- Wet Dry Mapping for The Nature Conservancy (TNC)
  - Volunteers go out in groups of 2-4
  - Assignment of reach and distribution of GPS units
  - Begin recording time and coordinates
  - Record presence (start/stop) and condition of wet areas
  - End recording
  - Error correction and upload data



# Test Participants

Gender	
Female	2
Male	3
Prefer not to say	1
<b>Total</b>	<b>6</b>

Ethnicity	
Caucasian	5
Hispanic/Latino	1
<b>Total</b>	<b>6</b>

Q1: Technology comfort level	
1 (not at all)	0
2	0
3	0
4	1
5 (very)	5
<b>Total</b>	<b>6</b>

Q2: Familiarity with wet/dry mapping	
1 (not at all)	4
2	2
3	0
4	0
5 (very)	0
<b>Total</b>	<b>6</b>

Q3: Familiarity with UTM coordinates	
1 (not at all)	2
2	2
3	1
4	1
5 (very)	0
<b>Total</b>	<b>6</b>



# Task Scenarios

- 1: Team Creation
- 2: Record Data Points
- 3: Edit Data Points
- 4: Delete Data Points
- 5: Navigate to and From Help Page



# Bugs

- 1: Waypoint Editing and Organization - RDP
- 2: UTM-Easting Character Limit - DEP
- 3: Starting Waypoint Wet Spot Data - RDP
- 4: Start/End Wet Spot Confusion - DEP
- 5: Lorem Ipsum Help Page - HLP
- 6: Accessing Existing Files - HP
- 7: Server Deployment Error - DEV TEAM

Home Page	HP
Team Information Page	TIP
Team Confirmation Page	TCP
Data Entry Page	DEP
Recorded Data Page	RDP
Help Page	HLP



# Results

Q4: Instructions were clear	Q7: Design was simple and effective	Q5: Easy to learn how to use
1 (not at all)	0	1 (not at all)
2	0	2
3	3	3
4	1	4
5 (very)	2	5 (very)
Total	6	Total
		6

Q6: Easy to correct errors/edit data	Q8: Enjoyment of use
1 (not at all)	0
2	1
3	1
4	1
5 (very)	3
Total	Total
	6



# Recommendations

- More in-field usability testing
- Conduct back-end testing
- Include a warning to confirm GPS coordinates are input correctly
- Include units of feet after the accuracy textbox

**The End**