





FLOATING WATER PARK

at Buckroe Beach Park



Project Goals

-  Increase access to public waterfront
-  Increase love & grow appreciation for water and natural resources
-  Provide family-friendly, budget-conscious activities
-  Offer high quality, unique, and diverse experiences to residents & visitors and create a casual and inviting beachfront experience

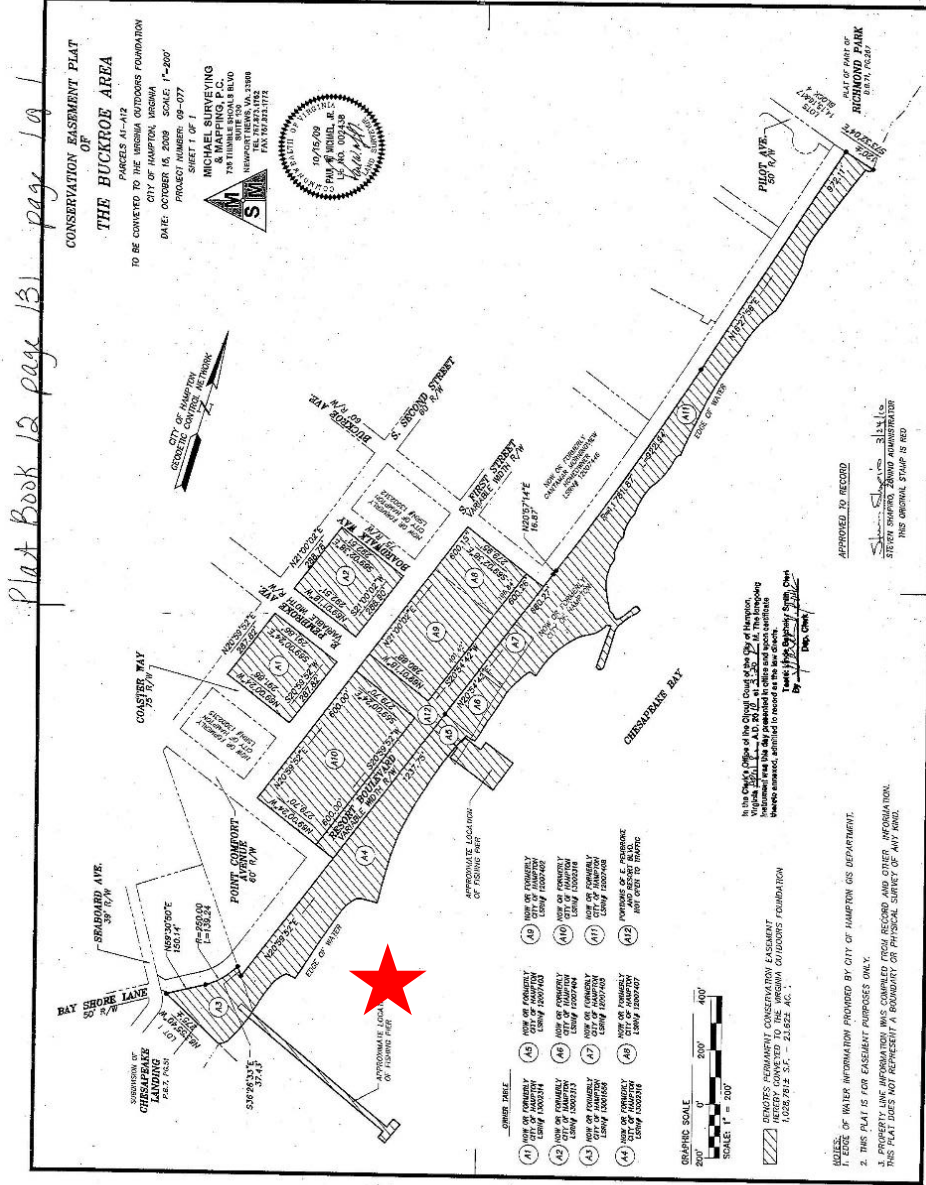


Equipment to be purchased from Wibit, a German Company with 20 years of worldwide experience in over 75 countries (including the USA)

Location



Conservation Easement

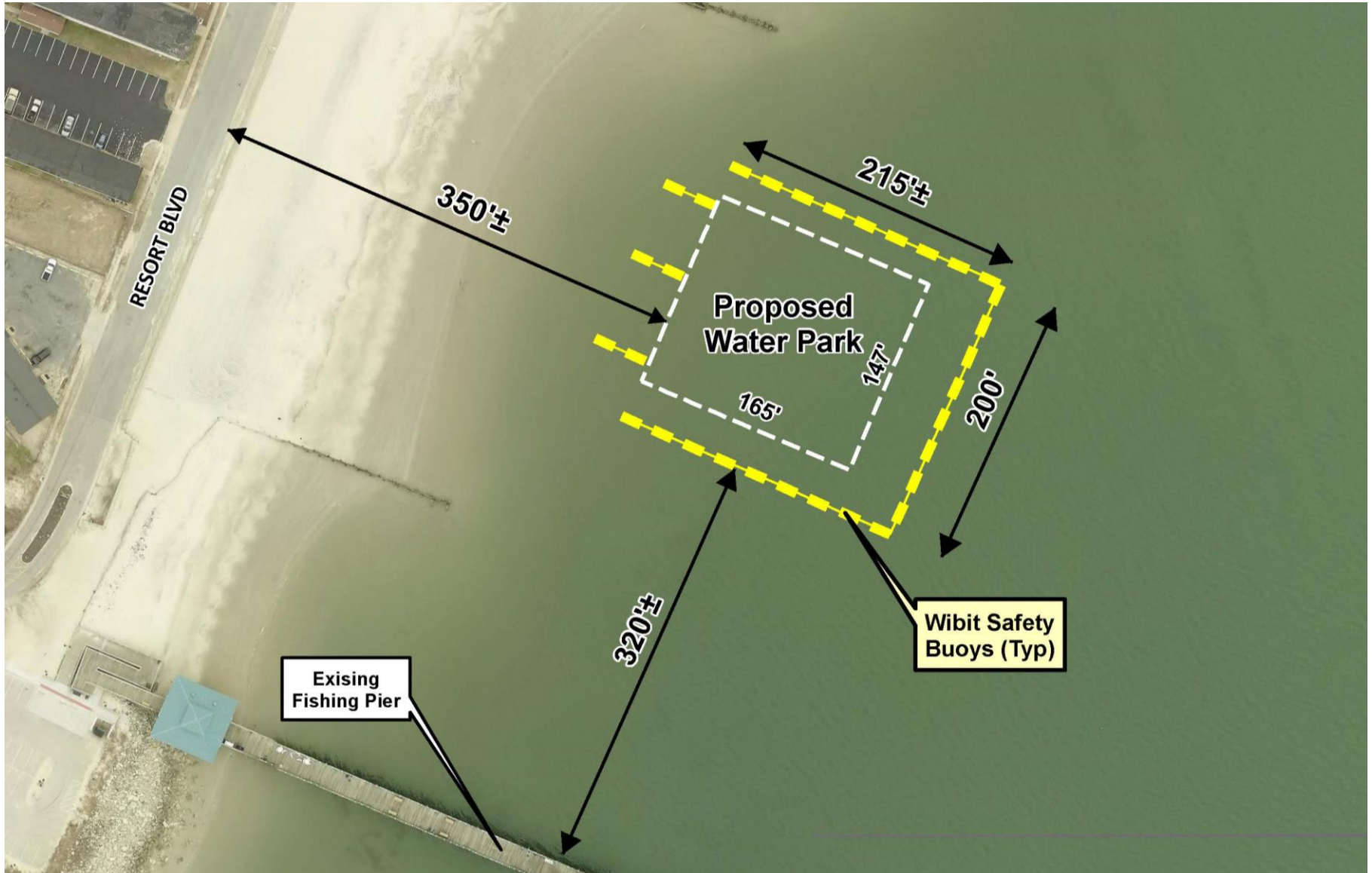


Preserves public access to water in perpetuity



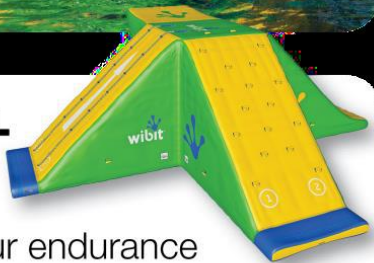
Nearly one mile of public beach & 8 acre park

Location





Action Tower XXL



Big tower action when you test your endurance through climbing, jumping, crawling and sliding. Test your balance, coordination and team building skills with this combination climber/slide.

Dimensions: 30' L x 25' W x 10' H

Minimum Water Depth: 7' 10"

Capacity: 8 People

Weight: 672 lbs



Dome



An obstacle with a bounce! Challenge your athletic ambition and start a jumping contest on the Dome to find out who can make the highest, farthest, or coolest move.

Dimensions: 20' L x 10' W x 4' H

Minimum Water Depth: 5' 10"

Capacity: 2 People

Weight: 216 lbs

Park Components



Lifeguard Tower

Optimal height, ideal placement. A perfect overview. With your lifeguard positioned at the center of the action, response and rescue time improves.



Dimensions: 20' L x 10' W x 13' H

Minimum Water Depth: 7' 2"

Capacity: 2 People

Weight: 392 lbs



Wiggle Bridge

Put a little wiggle in your water! This topsy-turvy FlatTop™ course comes in three standard sizes – 12 discs, 6 or 3. It combines speed, strength, and agility for the ultimate balance challenge. Includes a ramp at each end.

Dimensions: 23' L x 5' W x 5' H (WB3),

33' L x 5' W x 5' H (WB6), 53' L x 5' W x 5' H (WB12)

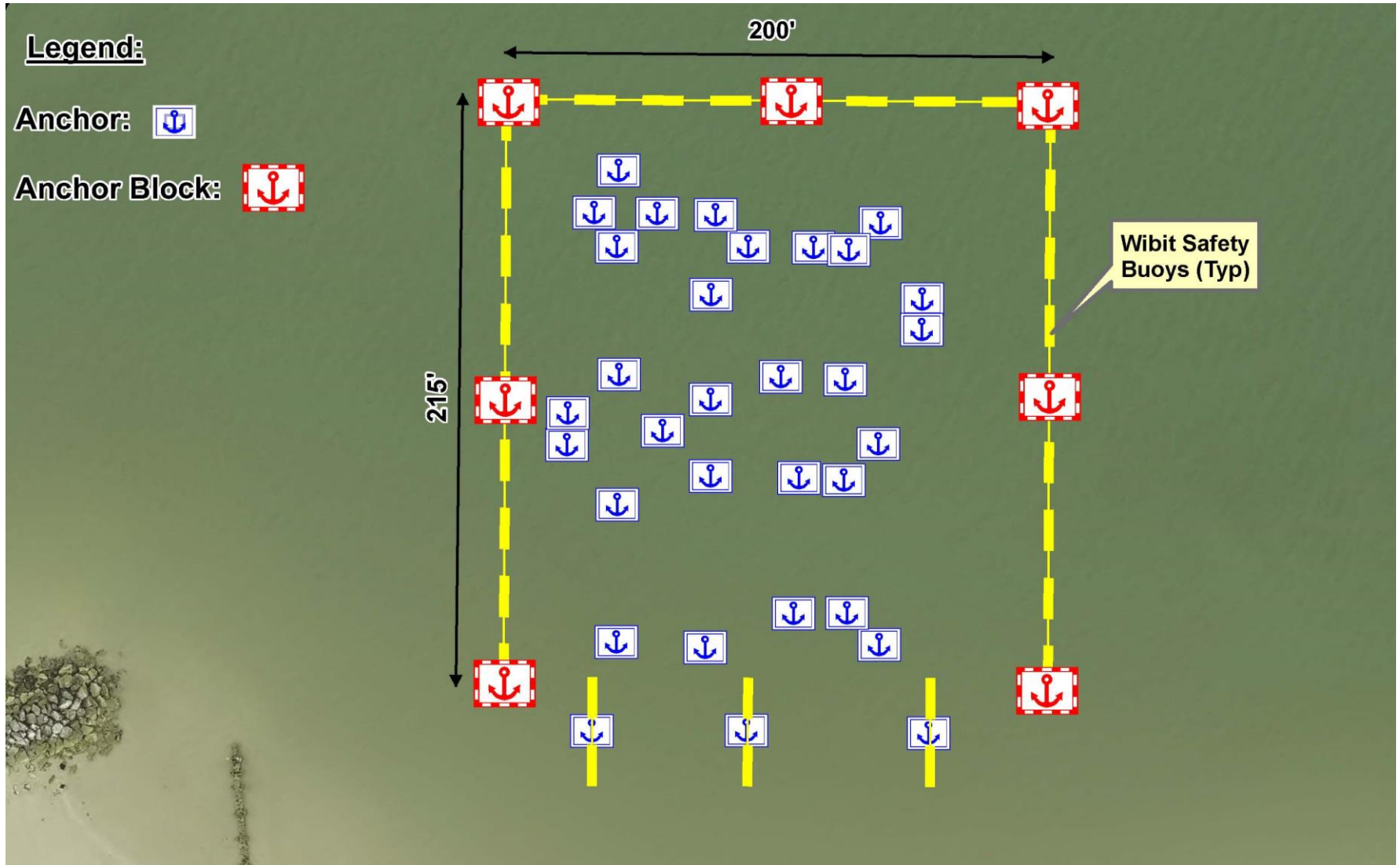
Minimum Water Depth: 3' 11"

Capacity: 3 People, 6 people, 12 people

Weight: 79 lbs, 118 lbs, 196 lbs

**Park
Components**

Anchoring Plan



29 Bat Anchors (B6)



3 Bat Anchors (B4)



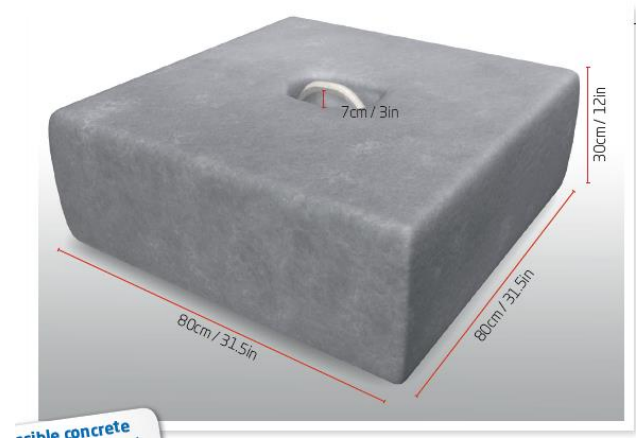
7 Anchor Blocks

Bat Anchor



Remains year-round; driven minimum 2m in- ground
Hold 3500-11000 pounds per anchor

Anchor Block



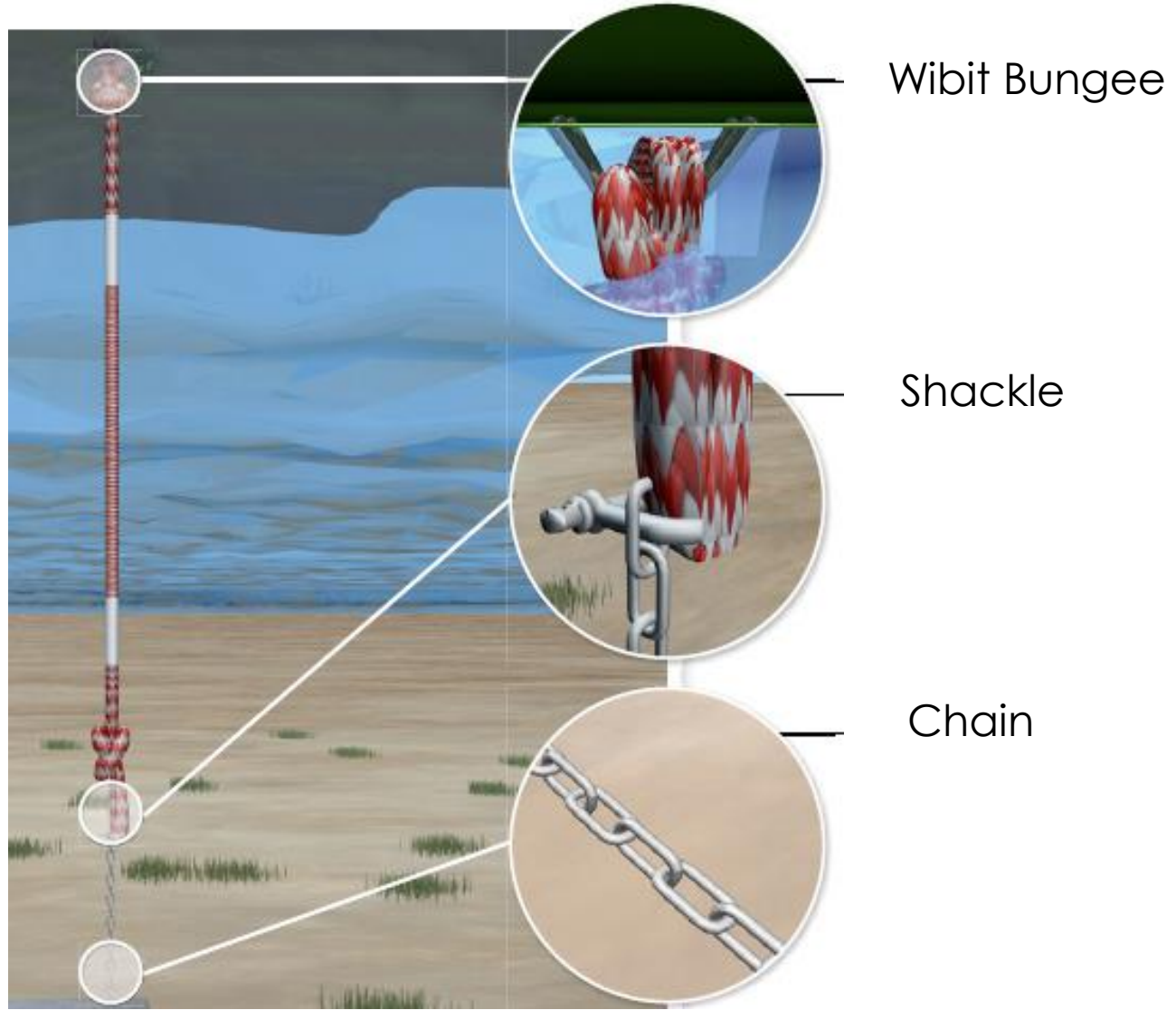
Seasonal
Weigh 970 pounds per anchor

Wibit Engineers reviewed
Geotechnical Engineering
Report for Buckroe Beach



Attachment between Wibit & Anchor

Wibit



Wibit Bungee

Shackle

Chain

Bat Anchor

Permit Status



VMRC

- Permit approved contingent upon
 - Submittal of storm removal contingency plan
 - Confirmation from manufacturer that water is adequate depth



Army Corps

- Standard Individual Permit approved contingent upon
 - DEQ CZM Certification
 - Permit signed by both parties







DEQ

- Awaiting Coastal Zone Management Certification (anticipate mid-to-late March answer)

Logistics: Installation, Maintenance & Emergency Plan

- 👉 SOPs for clearing the park in case of sudden summer storms
- 👉 Lifeguards monitor weather via site that uses NOAA data
- 👉 Recommended the park be removed for storms ranking Beaufort Scale 5-6 or higher (wind 18- 30 mph & waves 6-13 ft)
- 👉 3-4 hours required to remove entire water park with 4 people
- 👉 Example: Whiting, IN (Lake Michigan)

Other Logistics

-  Off-season: Off-site, dry-storage
-  Night time security
-  No increase in current insurance rates (users must sign waiver)
-  Funding from strategic priority funding earmarked for water sports park equipment purchase

Operation & Logistics Scenarios



City-Operator or Outside-Operator



Operation includes:

- Marketing & Promotion
- Ticketing & Sales
- Lifeguards
- Daily Maintenance & Storm Response



Benefits of Outside-Operator

- Previous experience & established practices
- Improved point of sales & online ticket sales capabilities
- Utilize less City staff time & resources



Drawback of Outside-Operator

- Increased price-point for user (but opportunities exist for discounts)

Operation & Logistics Next Steps

City-Operator



Outside-Operator

- City moves forward with internal work to set services in place to get ready for summer 2018
- City manages water park and overall park

- City must release RFP to solicit operator
- Choose operator
- Operator manages water park and City manages overall park

Both Scenarios: Bat Anchors will be installed by Wibit professionals

- City Staff trained by Wibit professionals on installation/removal and maintenance of park

- Outside Operator handles installation/removal and maintenance of park

Questions?

Staff seeks direction on use of an outside operator to manage and operate the Wubit floating water park.