Aquatic Design & Engineering:
Sherman Manning Pool Evaluation
Sherman Manning Pool – Evaluation
Hartford, VT

Tonight’s Discussion Topics:

• Overview and history of the facility
• Current conditions of the facility
• Public outreach
• Recommendations to current facility
• Research for potential other locations
• Recommendations on the town moving forward
• Pool was built in 1966
  • Method of Construction: Cast in Place Concrete with Painted walls.
    • Features:
      • Slide, Diving Boards, Lap Lanes, and Shallow and Deep Ends

• Current Permissible Occupancy Level: 464

• Mechanical System
  • Vacuum DE (Diatomaceous Earth)
  • Flooded Suction Pumps
  • Automatic Chlorination systems

• Last Major Renovation 1997.
Current Condition of the Pool
Structure / Finish
Gutter System
Filter & Filter Building
Public Outreach

Pool Committee Surveyed the Community in Summer 2018

1. 756 responses were received by the committee.
2. 75% of the 753 respondents agreed that it is important for the Town to have an outdoor swimming pool or aquatic venue.
3. Many of the respondents identified lack of regular attendance to the facility was based on the lack certain amenities and features at the pool.
4. 57% of the respondents favored the existing location and marked it as one of the reasons why they used the facility.
Weston & Sampson Public Outreach

Weston & Sampson attended Glory Days Festival on September 8th

- Providing residents with dots, they were able to silently vote for features they would like to see in a future facility.
- Residents were given 5 dots to place on certain features.
- Approximately 150 residents provided feedback.
Leisure/Family Pool
## Results

<table>
<thead>
<tr>
<th>Feature</th>
<th>Number of Votes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade Structures and Providing Deck Shade</td>
<td>115</td>
</tr>
<tr>
<td>Leisure/Family Pool (3-4 lap Lanes – Non-Competition Pool)</td>
<td>101</td>
</tr>
<tr>
<td>Learn to Swim Areas / Senior Aerobic Area</td>
<td>83</td>
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<tr>
<td>Zero Depth Entry/Ramp</td>
<td>71</td>
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<tr>
<td>Incorporating a Kiddie Pool into a Zero Entry</td>
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<tr>
<td>Inflatable Features</td>
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<tr>
<td>Slides</td>
<td>59</td>
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<tr>
<td>Climbing Wall</td>
<td>51</td>
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<tr>
<td>Separate Spray Deck</td>
<td>43</td>
</tr>
<tr>
<td>Lap lanes/ Swim Lanes</td>
<td>40</td>
</tr>
<tr>
<td>Diving Board</td>
<td>35</td>
</tr>
<tr>
<td>No Pool</td>
<td>23</td>
</tr>
</tbody>
</table>
Recommendations on **Current Facility**

- Cost to repair facility to bring it within compliance.
  - 1.26 Million Dollars. (2018 Dollar Value)

- Does not add any new features to the pool, or any of the desired programmatic elements.

- Watertight pool vessel, repair deck, fencing, and some mechanical items.

- Would only extend service life for 6-8 years.

- Recommend to replace facility.
Alternative Location Research

Reviewed Sites (3) Sites:

1. Kilowatt Park

Advantages:
- Large open space.
- Scenic views from the site.
- Within a densely populated area.

Disadvantages:
- Would most likely need to negotiate a long-term lease.
- Most of the site soil is fill and would require considerations for a special foundation.
Reviewed Sites (3) Sites: (continued)

2. Watson Park

   **Advantages:**
   - Large open space.
   - Scenic views from the site.
   - Access to the river.

   **Disadvantages:**
   - Inside the floodplain which leaves potential risk for flood damages.
   - Limited utility infrastructure. These would need to be brought to the site.

3. Dothan Brook School

   **Advantages:**
   - Large open space.
   - Existing utility infrastructure.
   - Existing parking available.

   **Disadvantages:**
   - Would most likely need to negotiate a long-term lease.
   - Most of the site soil is fill and would require considerations for a special foundation.
Existing Site

Advantages:

• Utilizes existing locker rooms in a newer building.
• Summer camp is held on this property.
• Utility infrastructure currently exists.
• Ample parking.
• Within a densely populated area.

Disadvantages:

• Limited space for future expansion.
• Co-usage of the existing bath house building when sports are in session.

• Current facility offers approximately $400,000 - $500,000 in existing infrastructure
Recommend New Pool Facility

Recommended Features based on public input:
• Two Pool Facility
• New Filter Building
• New Deck
• Possible entry and ticketing building
• Ample deck space, providing needed shade
Pool #1

- 75-ft pool, with depths from 3.5-ft to 7-ft
- Minimum of three (3) lap lanes
- Zero Depth Entry
- Heated pool
- Area for Learn to Swim Programming (variable depth)
- Space in the deep end of the lap lanes for a climbing wall
- Area for a slide runout
- The 75-ft length can serve as an arena for inflatable use, while still using the zero entry for general recreation

The shallow end of the zero entry and lap lanes could be used for water basketball or water volleyball

Pool #2

- Smaller pool, with depths from 0 to 12-inches
- Heated pool
- Spray features for individual and/or collaborative play
- Small play structures
Option A
Pool Option B
Option C
Cost For New Facility:

• Providing everything that would be found in the above graphics, a facility would be approximately 3.6 Million Dollars (2018 Dollar Value)

Next Steps:

• Recommend performing preliminary engineering to provide more accurate costs prior to any municipal vote
Byram Park – Greenwich, CT
White Pool – Rutland, VT
THANK YOU!

Weston & Sampson