

Aquatic Center Condition Summary



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Summary

The Hood River Valley Parks & Recreation District recently contracted with Water Technologies Inc. (The largest aquatics engineering firm in the US) to conduct a condition assessment of the Hood River Aquatic Center. Their report concluded that the pool is past its usable lifespan. Key pieces of infrastructure are outdated or beginning to fail, and the effort and cost of maintaining the pool will soon exceed the cost of replacement. Barring any major complications, the pool has three to five years left of serviceable use.

Pool Study

Below is a brief overview of the condition assessment conducted by Water Technologies Inc. The full report can be found on our website at hoodriverparkandrec.org.

What They Looked At:

- Pool Tanks
- Filtration Systems
- Circulation Pumps
- Piping

What They Found

- Plaster fragmentation of pool tanks
- Brittle Pipes
- Inefficient & outdated systems

What They Concluded

- Our facility scored 44.84 out of 100 (100 being perfect).
- Our facility has a lifespan of 3-5 more years.

“The effort and cost of maintaining the pool will soon exceed the amortized cost of replacement.”



This deteriorating piping is a strong indicator of the condition of the thousands of feet of plumbing underground.



The tent wall on the west end is being held together by rope and zip ties.

Major Issues

- The Aquatic Center's piping is from the original complex which was built in 1948. Not only is it nearly 70 years old, but it also no longer meets modern standards for water flow and pressure. Underground piping could fail at anytime which would result in immediate closure and costly repairs.
- The tent enclosure is military surplus from the early 1990's which had a predicted lifespan of 20 years. The tent is going on 22 years. The tent has started deteriorating over the last decade and an average of 3 tent panels (approximately \$6,000 each) are being replaced per year due to wear and tear.
- All three pools have staining which is a sign that the plaster is beginning to decay. The plaster of the interior of the Recreation and Therapy pools has begun to delaminate and fragment. This has caused an increasingly rough surface.
- The two larger pools use an inefficient filtration method. While it was the height of pool technology in the late twentieth century, it no longer meets modern methods for pool cleaning. The system was also not meant for the kind of pool traffic we now enjoy from our patrons.
- The gutters which frame each pool have an insufficient capacity to hold the amount of waste and water which flows through them. A contributing factor to this is the limited diameter of the piping from 1948. As a result, when it is busy, the pool decks overflow and thousands of gallons of water are wasted rather than recaptured and recirculated.
- The facility's main building does not fully meet ADA (Americans for Disabilities Act) Compliance.

What's Ahead

- Opsis Architecture has been retained to develop a study on repair and replacement options.
- A stakeholders group has been formed to advise the board through this process.



Panel replacements have become a common occurrence at the Hood River Aquatic Center.

Emergency Panel Replacement: August 2017



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