

July 12, 2021

To whom it may concern,

I have been working with the Rapid H2O system for almost a year now. In my opinion, it is the best solution for flood protection along shorelines and riverbanks.

When I reflect on my 30 years of service in the Canadian Forces, I can see clearly how much better many things could have been for our people and our budgets if we had the benefits of the Rapid H2O system back then.

It addresses perfectly all the negative aspects associated with sandbagging such as the huge number of personnel to deploy and remove, the large earth-moving equipment and qualified personnel to operate it, the extensive property damage from machinery and foot traffic, the ecological impact from dislodged sandbags, contaminated sand and disposal challenges and the huge overall recurring costs!

The best part of the Rapid H2O system to me, is that it removes all of the bad while maintaining the good parts of sandbagging that made it the standard flood control method everywhere. These include: easy to fill and place, effective over variable terrain, can be installed before flooding without needing continuous monitoring/intervention while waters rise, lightweight and portable when empty, and may be used for temporary barriers in other situations.

I was impressed not only with how easy this system was to set up and tear down, but the fact it has a 20-year expected life span means the same equipment can be reused time after time! My budgets would have loved that!

Rapid H2O is made from materials that make it perfect for other applications as well, such as a barrier for toxic/hazardous chemical spills and to temporarily store them as well. Their physical size and deployed weight means that once installed, they won't be dislodged by wave-action and they can be used for temporary vehicle barriers too.

If the Canadian Forces continues to wrestle with the same issues that I did when I served, this system would be a major game changer for them.

Jim Leonard, CD1
President
Milspec Consulting Ltd.

Jim Leonard
613-920-1915
www.milspecconsulting.ca

"Nothing astonishes people so much as common sense and plain dealing"

Ralph Waldo Emerson