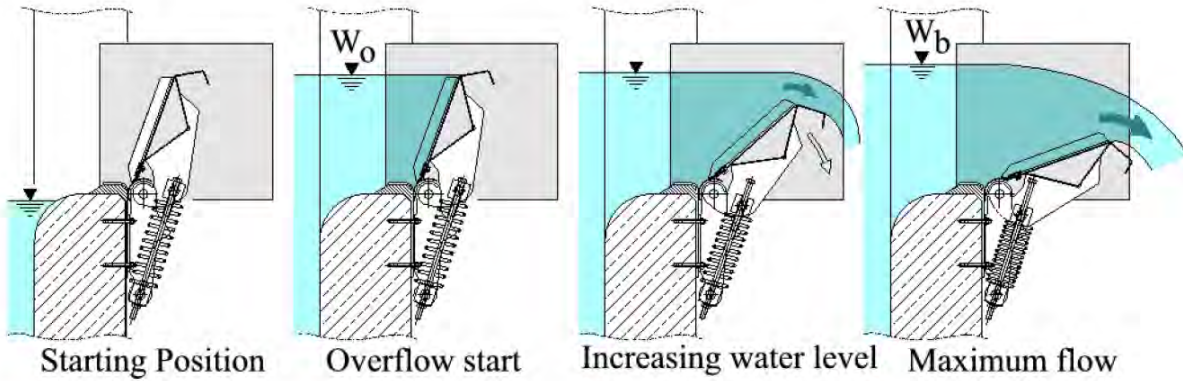
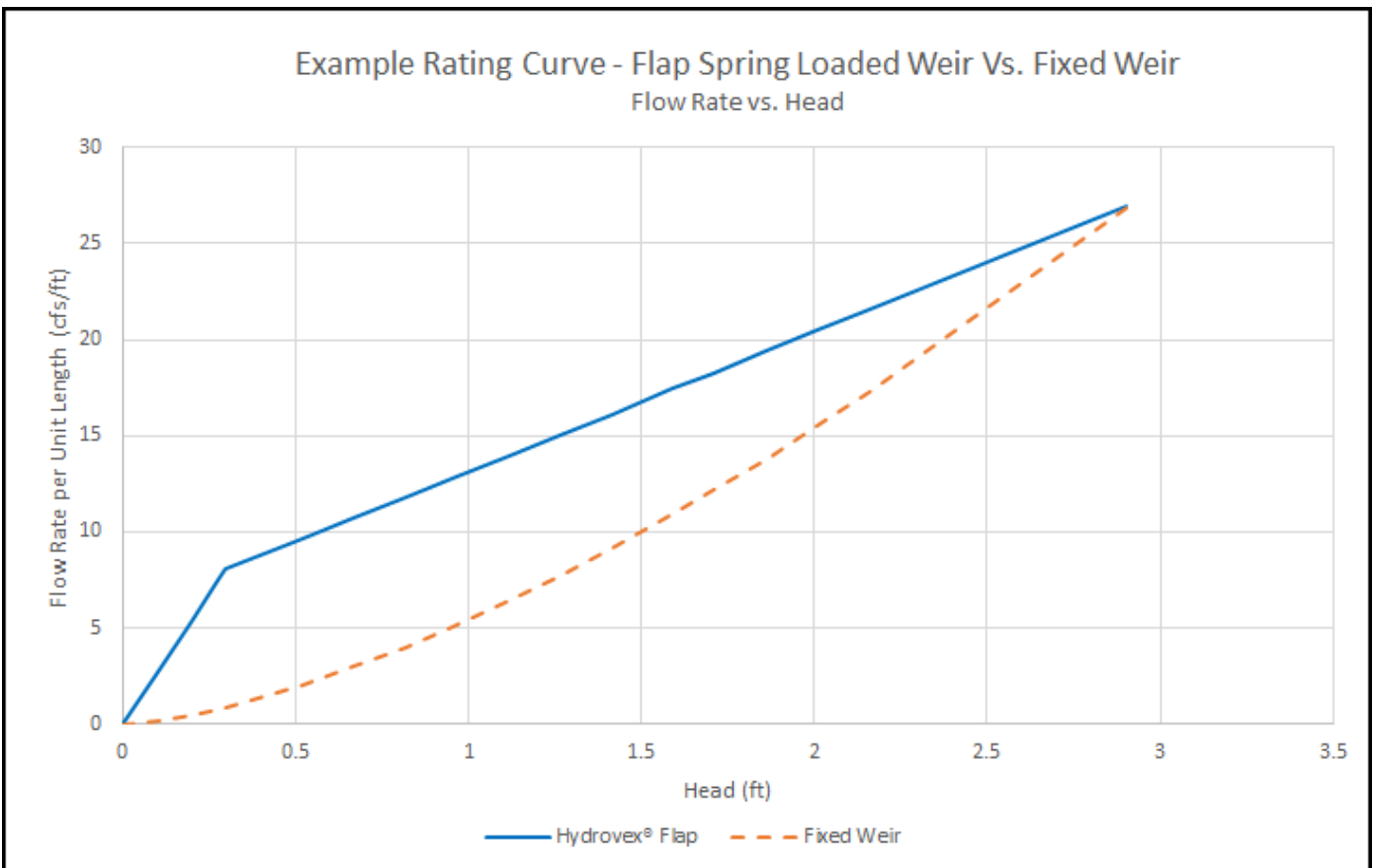


Hydrovex® Flap Spring Loaded Weir



The Hydrovex® Flap Spring Loaded Weir is hydraulically more efficient than a traditional, fixed weir. As the upstream water level rises above its crest, the Hydrovex® Flap hinges downward, increasing the effective head on the weir and increasing the flow rate. As water levels recede the weir returns to its initial position.



Sample rating curve not to be used for design purposes. Contact 2gH Solutions LLC for a custom configured rating curve tailored to meet your specific project needs.

Hydrovex® Flap Spring Loaded Weir



The Hydrovex® Flap Spring Loaded Weir works solely on water pressure. It is pre-mounted in a self-contained frame for fast and easy installation in structures and bulkheads. Corrosion resistant materials provide a long service life and little to no required maintenance.

The Hydrovex® Flap Spring Loaded Weir is an ideal solution for the following design problems:

- Decreasing the length of weir required where installation space is limited.
- Reduction of volume required for shallow detention storage systems such as wet detention in high groundwater areas, arch chamber systems, pipe storage systems, or infiltration/exfiltration trench systems.
- Maintaining the variation of upstream head in a limited range for flow splitting applications.

