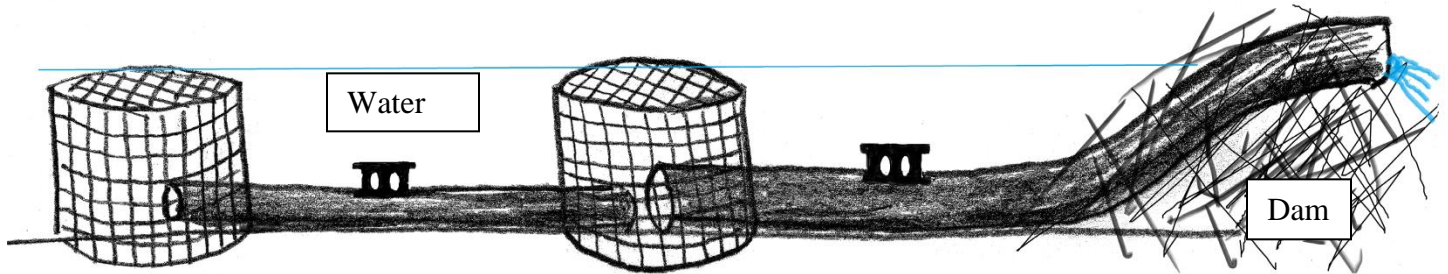


**BEAVER**  
SOLUTIONS

## *Multi-Intake Leveler*<sup>TM</sup>

When flooding from a beaver dam threatens human property, health or safety, a Beaver Solutions *Multi-Intake Leveler*<sup>TM</sup> can be a very effective solution. Like our Flexible Pond Leveler<sup>TM</sup> this pipe system creates a permanent leak through the beaver dam that the beavers cannot stop.



The “*Multi-Intake Leveler*” design is based on the highly successful Flexible Pond Leveler<sup>TM</sup> which has been successful in thousands of locations. This pipe system is intended specifically for use in narrow channels or where there is inadequate depth for a standard Flexible Pond Leveler. See diagram.

Since water flows into the *Multi-Intake Leveler* pipe at two or more points it is easier to hide the flow from the beavers. A cylindrical exclusion fence at each intake point prevents beavers from getting close enough to detect and block the flow of water. Progressively larger diameter pipes to move ever larger volumes of water past a beaver dam or through a culvert protective fence without the beavers being able to detect and block the water flow into the pipes.

The pipe outlet at the dam or culvert fence is the highest part of the pipe. This height controls the pond level and it can be adjusted up or down if necessary. Water constantly flows through each section of pipe, unless the pond level drops below the peak of the pipe.

Unlike road culverts, *Multi-Intake Leveler* pipes do not need to be sized to handle catastrophic storm events because heavy storm runoff will simply flow over the top the dam. Following the storm the pipe will return the pond to its normal level.

When installing this pipe system it is very important to lower the water only enough to protect human interests. Lowering the water up to one vertical foot is generally not a problem, but the more the water is lowered the more likely it is beavers will build a new downstream dam to render the pipe ineffective. New dam building in ditches is a serious concern.

A minimum water depth of 2- 3 feet is needed to prevent the beavers from detecting the flow of water into the pipes. At this depth beavers do not try to block the pipes and a steady pond level can be maintained. If a 2- 3 foot water depth cannot be tolerated, then beaver removal may be the only option.

With minimal routine maintenance this flow device will remain effective for many years, unlike beaver removal which often needs to be repeated.

*May be reproduced courtesy of Mike Callahan, Owner  
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