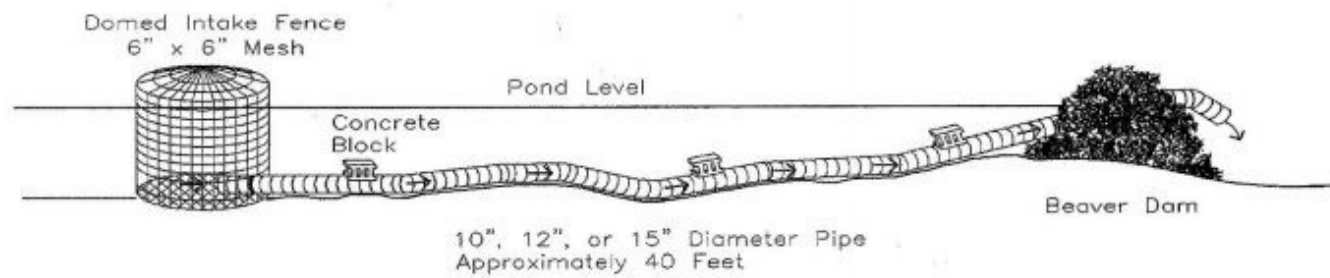




BEAVER SOLUTIONS

Flexible Pond Leveler™

When flooding from a beaver dam threatens human property, health or safety, a Beaver Solutions Flexible Pond Leveler™ pipe system can be a very effective solution. This flow device will create a permanent leak through the beaver dam that the beavers cannot stop. This eliminates the need for repeated trapping despite the presence of beavers.



In order for these pipe systems to be effective, they must be designed so that beavers cannot detect the flow of water into the pipe. The Flexible Pond Leveler™ does this by surrounding the submerged intake of the pipe with a large cylinder of fencing which is placed in as deep water as possible. This prevents the beavers from detecting the flow of water into the pipe. As a result, the beavers do not try to clog the pipe, and a safe water level can be maintained.

The height of the pipe in the dam determines the pond level (see diagram). Water will flow through the pipe unless the pond level drops below the peak of the pipe. The pipe is set in the dam at the desired pond level, and can be adjusted up or down if necessary.

Unlike road culverts, Flexible Pond Leveler™ pipes do not need to be sized to handle catastrophic storm events because heavy storm runoff will simply flow over the top of the dam. Following the storm the pipe will return the pond to the normal level.

When installing a pipe system it is very important to lower a pond only enough to protect human interests. The more a pond is lowered the more likely it is beavers will build a new dam to render the pipe ineffective. Lowering a beaver pond by up to one vertical foot is generally not a problem.

Whenever a freestanding dam must be lowered by two feet or more, a single round of trapping may be needed prior to installing the pipe. Following trapping new beavers relocating into the area are more likely to tolerate the smaller pond without new problematic dam building because they do not have the memory of the larger pond.

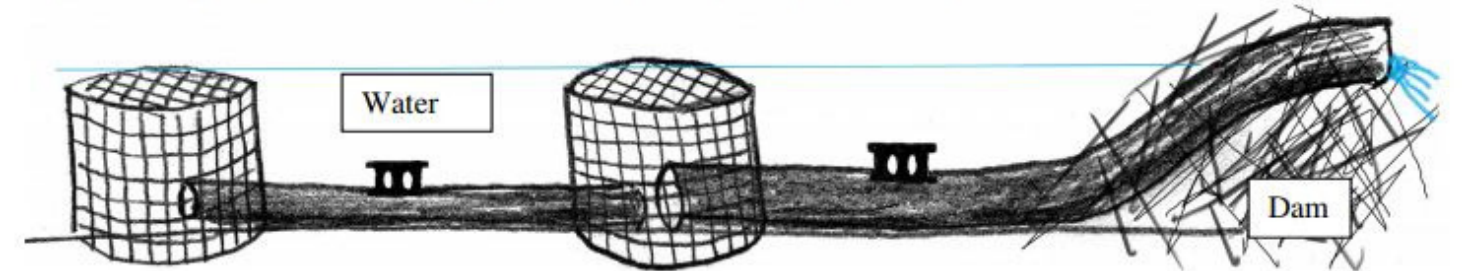
With routine maintenance this flow device will remain effective for many years. Since our customer's satisfaction and our reputation are very important to us, we offer an optional low cost Maintenance Plan which is included with every Maintenance Plan at no additional cost. However, if you prefer to do the maintenance, we are always available to answer any questions at no charge because we are committed to long term success, your satisfaction and our good reputation.



BEAVER SOLUTIONS

Ditch Leveler™

When flooding from a beaver dam threatens human property, health or safety, a Beaver Solutions™ Pond Leveler pipe system can be a very effective solution. Like our Flexible Pond Leveler™ this "Ditch Leveler™ pipe system creates a permanent leak through the beaver dam that the beavers cannot stop.



The "Ditch Leveler™" design is based on the highly successful Flexible Pond Leveler™ which has been successful in thousands of locations. The Ditch Leveler™ is intended specifically for use in deep, narrow channels where there is not room for a large exclusion cage. It spreads the flow into the pipe over multiple areas so smaller exclusion fences can be installed in the narrow channel. See diagram.

Water flows into the Ditch Leveler™ pipe at more than one point. A cylindrical exclusion fence at each intake point prevents the beaver from getting close enough to detect and block the flow of water. This device uses progressively larger diameter pipes to move ever larger volumes of water past a beaver dam without the beavers being able to detect and block the water flow into the pipes.

The highest part of the pipe is set in the dam at the desired water level and can be adjusted up or down if necessary. Water will constantly flow through each section of pipe, unless the pond level drops below the peak of the pipe.

Unlike road culverts, Ditch Leveler™ pipes do not need to be sized to handle catastrophic storm events because heavy storm runoff will simply flow over the top of the dam. Following the storm the pipe will return the water to its normal level.

When installing a 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 water level can be maintained. If a 2- 3 foot water depth in the ditch cannot be tolerated, then beaver relocation may be best option.

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

