

Installation

The MINNCOR Beaver Pond Leveler can be used for the following three applications:

- 1) Beaver Dam.
- 2) Plugged Culvert.
- 3) Water Level Control (see Other Pond Leveler Applications).

Installation of the MINNCOR Beaver Pond Leveler necessitates the removal of a small section of the beaver dam which is large enough to accept the outlet pipe. This can be done with simple hand tools (see list below). Please note that the standard Beaver Pond Leveler Kit includes the following:

- 1 – Beaver Pond Leveler Intake Device – 8” X 10 Ft. PVC Pipe with 24” Diameter Wire Cage.
- 5 Additional 8” X 10 Ft. PVC Discharge Pipe Sections.
- 1 - 8” PVC 90 Degree Elbow.

Tools Needed:

- PVC Cement & Primer
- # 2 Shovel
- Saw to cut PVC Riser Pipe if needed
- Axe and/or Chain Saw
- Pick Axe or Grapple
- Leather Gloves Are Recommended

Installation Instructions:

- 1) **Create an 8” minimum opening** through the dam as close to the ground or base of the dam as possible. This opening should be large enough to accept the discharge pipe.
- 2) **Connect at least 3 discharge pipes** to the Intake Device (see figure 1) before placing it into the water. The discharge pipes come with a male and female end that fit together. The Intake Device with Discharge Pipes attached, should then be placed on the bottom of the pond, streambed, or ditch. If it is in a high sediment area, the Intake Device may be suspended off the bottom using fence posts.

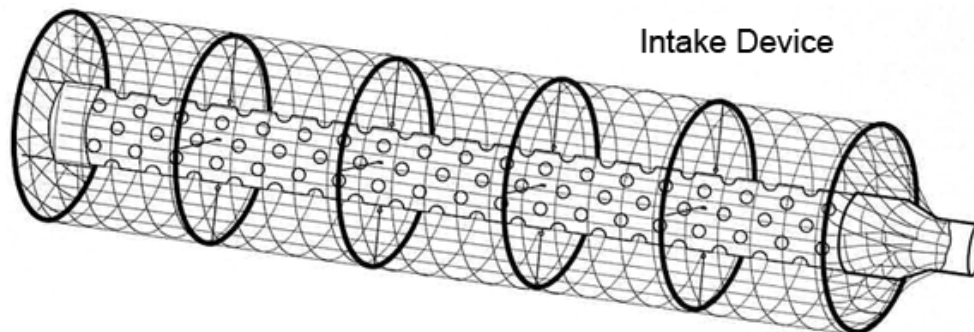


Figure 1, MINNCOR Intake Device (INV# 7070000100)

- 3) **Insert PVC discharge piping through the opening of the dam** (see figure 2) **or culvert** (see figure 3), and if possible, extend the Beaver Pond Leveler Head 20 feet upstream out into the pond. Attach remainder of PVC pipe so it discharges 15 to 20 feet downstream of the dam (see also # 4 below).

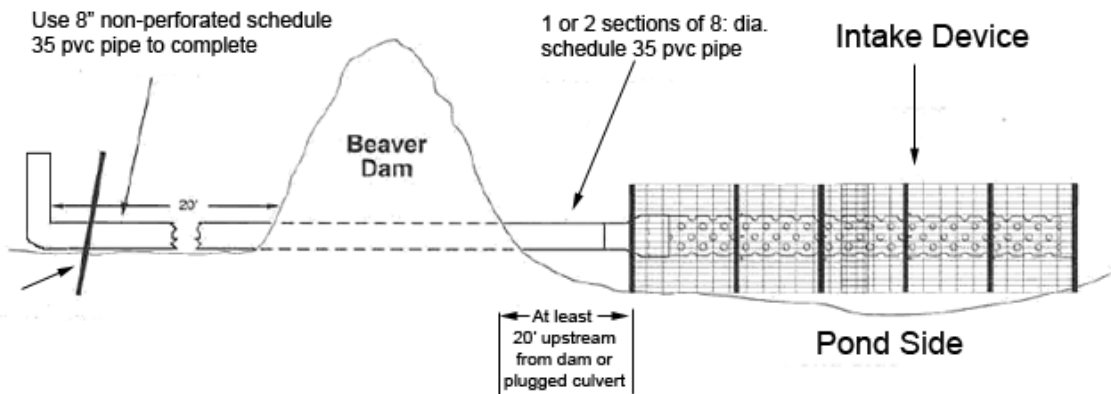


Figure 2, Dam

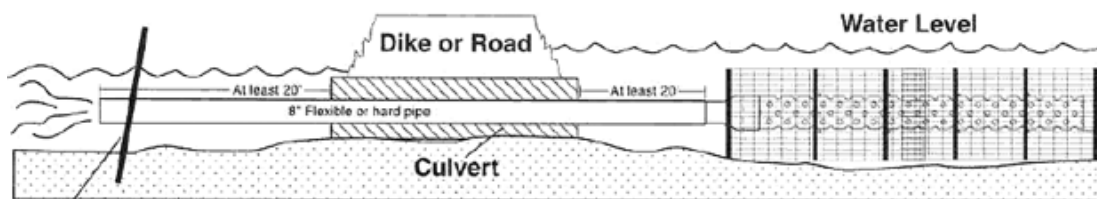


Figure 3, Culvert



- 4) **Patch hole in dam.** Even though active beavers in the area will usually repair the hole in the dam overnight and seal in the pipe, it is recommended that the hole created during leveler installation be filled as well as possible. This will help stabilize the piping.
- 5) **Set the level of the pond** by simply using the PVC elbow (which is included in the kit), and inserting a rising pipe into the PVC elbow. The riser pipe will need to be cut to the desired height. The level of the pond will be equal to the height of the elbow or riser pipe. Please note that in order to prolong the life of the Beaver Pond Leveler, the Intake Device must be fully submerged once the pond level reaches the depth desired.

For Installation questions, please contact customer service at 800-MINNCOR (646-6267) or by email at customer-service@minncor.com

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