

≡ AquaDam Relining Guide ≡

So your AquaDam® has a hole in it. For smaller holes, this can be simply rectified by using patch tape, but what if the hole is irreparable? One option (the only one available in flowing streams) is to remove the AquaDam® and reline it on shore. However, if your AquaDam® is in a non-moving body of water, it can be relined in place by following this simple procedure.



If the AquaDam® has been moved out of position or is twisted, water must be pumped out of the AquaDam® until it is buoyant. Maneuver it until it is back in its original position. This can be done by pulling the AquaDam® manually, or, in this case, pumping water into the work area until the AquaDam® is forced out by the water pressure.



Once the AquaDam® is back in position, relining can take place.



Every large AquaDam® has string lines running through the inner tubes specifically so that they can be relined. These string lines are thin and are not for pulling the new liner through. They are simply to pull another, stronger rope through the inner tube.



On the far end of the AquaDam®, the roll of new inner plastic has been set up on rollers. Once the rope has been pulled through with the string line, the end of this roll will be tied onto the rope.



Gently pull the string line until the rope can be grabbed. Then tie on the end of the new plastic roll and start pulling it through.



In this instance, there was very little room to maneuver, so the rope could only be pulled about 20' before it had to be retied.



Pull, take up the slack, retie... pull, take up the slack, retie...



Keep pulling until the new inner tube comes well out of the ruptured tube.



A close-up view of the end of the new inner tube. It has been tied tightly and duct-taped in place.

If the rope slips off the end of this tube while it is being pulled through the AquaDam®, there is no way to finish the relining process, and there is also no longer a string line inside. The AquaDam® would then have to be completely removed from the water to repair it, making the whole processes nothing but a waste of time.

Make sure the rope is secure!



Once the new liner is through, remove the rope and begin filling as normal.



It is also very important that the roll of new plastic comes off of the roll smoothly and evenly. If it falls, it may get holes in it, causing further delays. Pulling the rope slowly and easily is the best way to ensure success.



Once the new liner is in place, resume filling as normal.



Any excess plastic should be either unrolled or cut off.



Just to get it out of the way, this excess material will be re-rolled on the 4" x 6" beam it came on.



Your AquaDam® is now virtually as good as new, without ever having left the water. Good luck!

