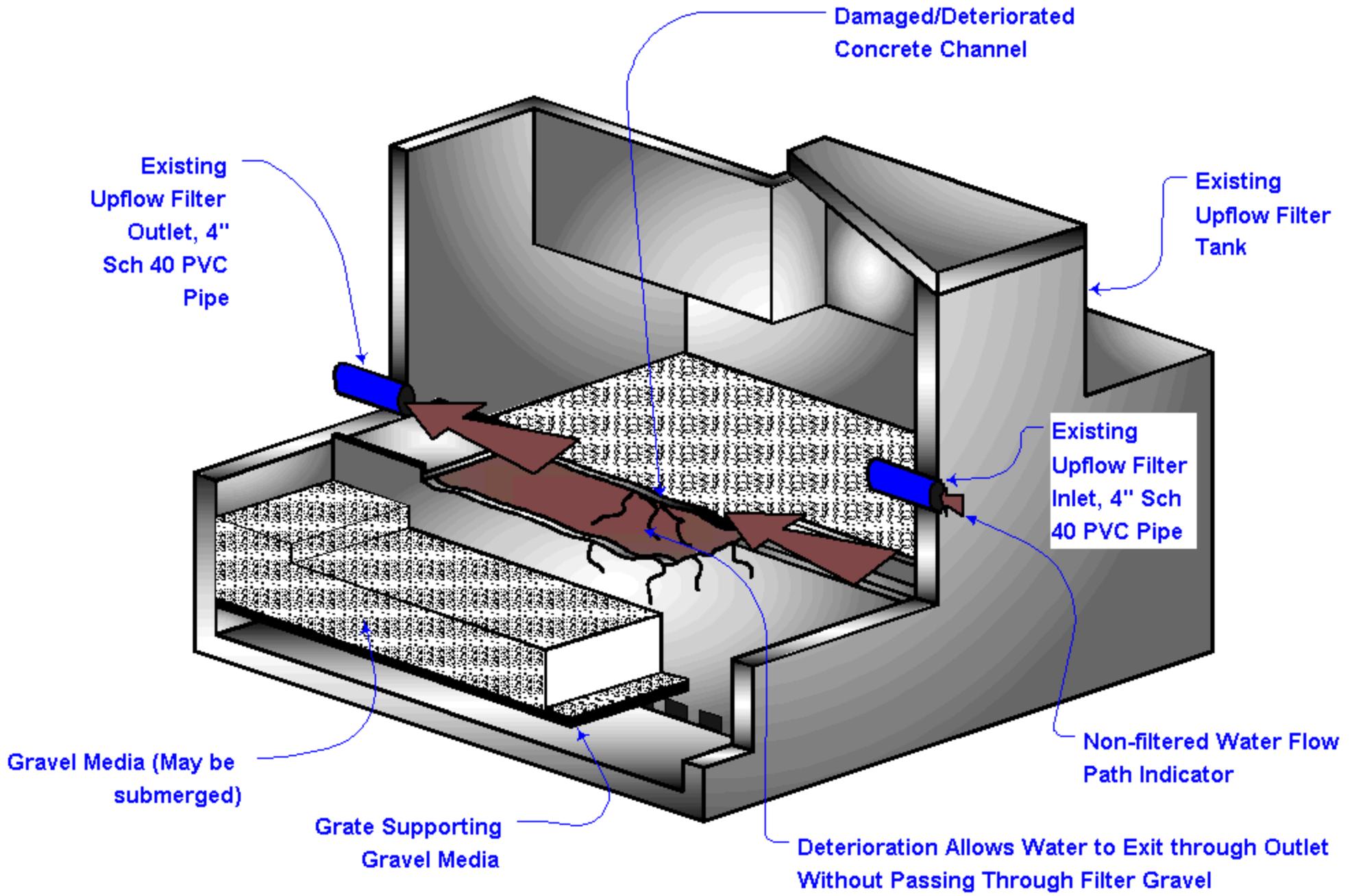
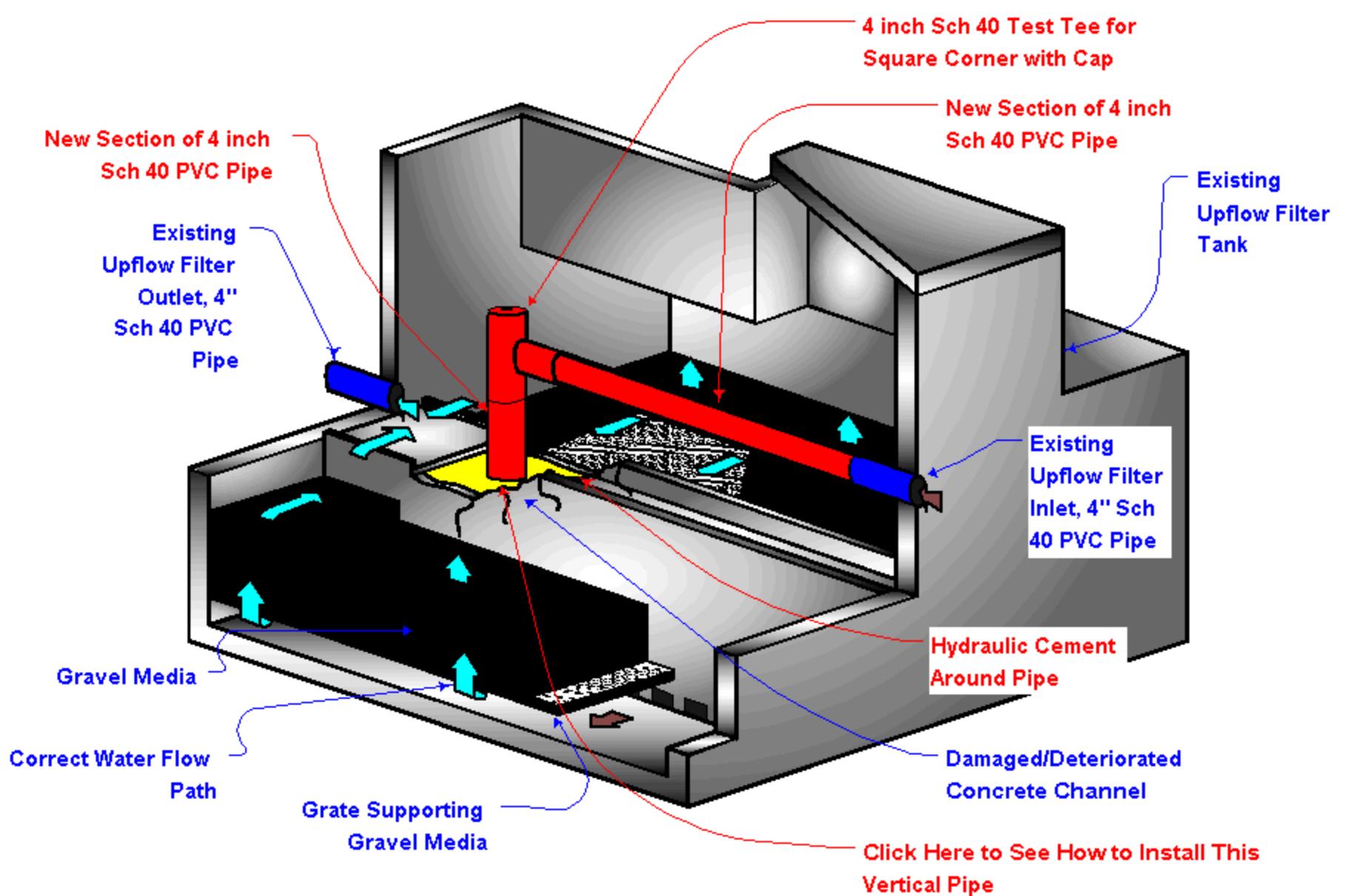


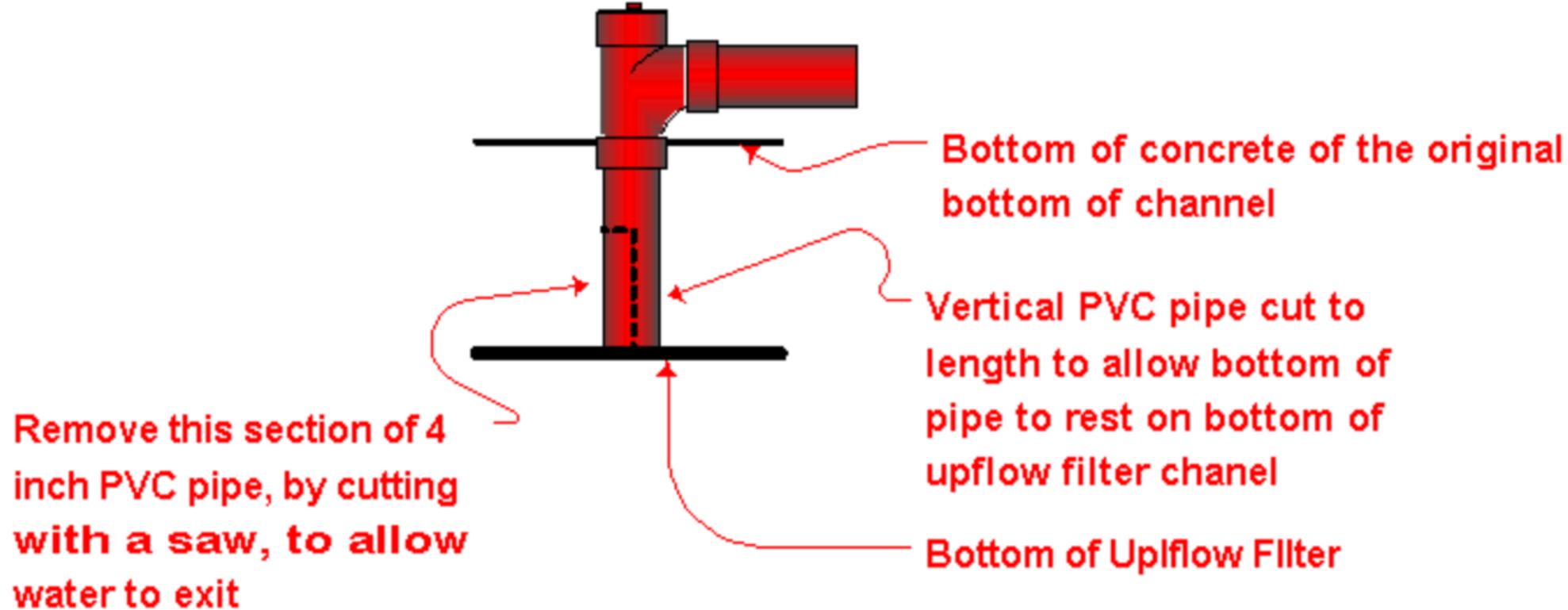
## Correct Water Flow Path in an Upflow Filter



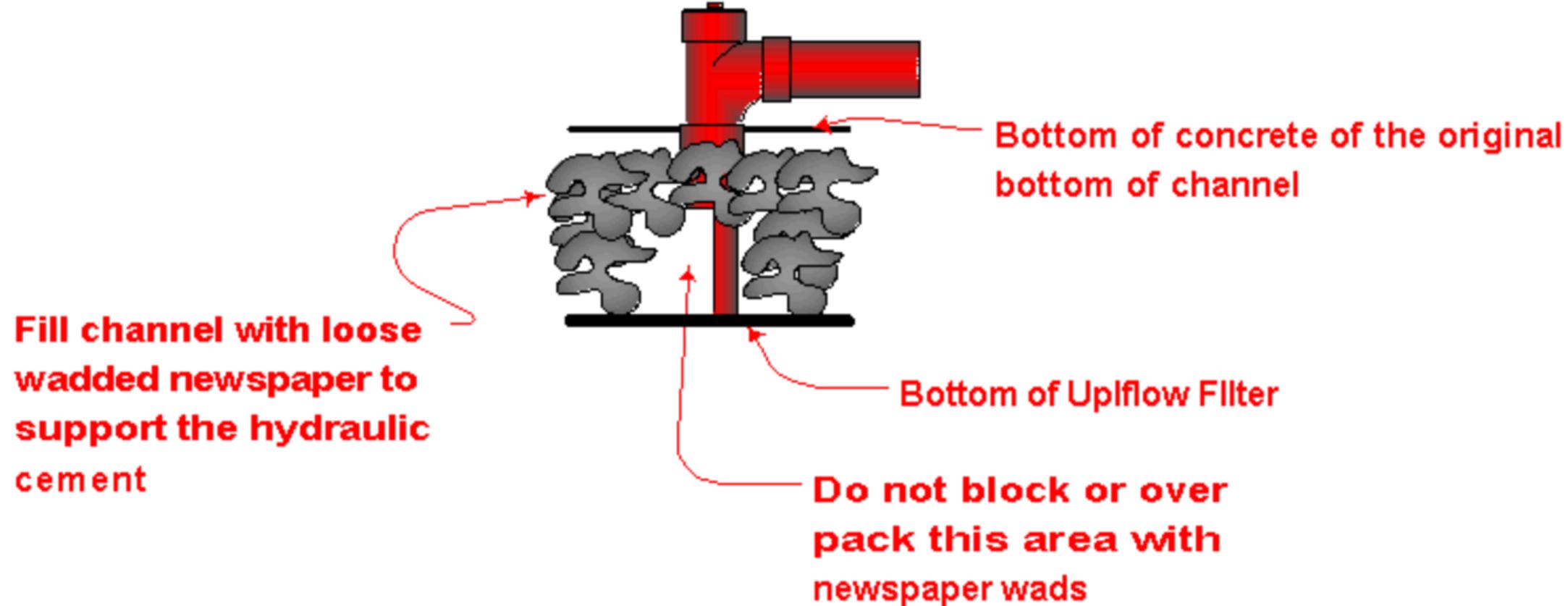
# Flow Path with Damaged/Deteriorated Channel



## Fixed Upflow Filter



## Step 1 - Pipe Placement



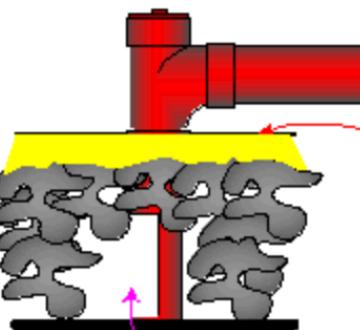
## **Step 2 - Hydraulic Cement Support Placement**

## CAUTION:

Do not use too much water when mixing hydraulic cement. Paste to be mixed to the consistency of "whipped cream."

Place hydraulic cement to fully surround vertical pipe to prevent water from overflowing.

Fill channel with loose wadded newspaper to support the hydraulic cement



Bottom of concrete of the original bottom of channel

Bottom of Upflow Filter

NOTE: This area must remain open to allow downward flowing water to escape from the pipe and spread throughout the entire bottom of the upflow filter.

## Step 3 - Hydraulic Cement Placement