

Contribution to the study of infiltration through Beni Haroun dam, Wilaya of Mila

Some Algerian dams are faced with the problem of infiltrations through shores and foundations. The study of this phenomenon proves to be a priority because it can endanger dam stability and reduce its available storage capacity. This is particularly the case of the **Beni Haroun** dam, located in the **Wilaya** of **Mila**, and which is regarded as one of Algeria's largest dams.

This dam has been suffering from seepage for some time, which can cause a risk of internal erosion. For the purpose of fighting this risk, we began a detailed study on this issue of water ingress to determine the origin of these waters and to be, thus, able to perform waterproofing work. The results show the complexities of this harm and allow, in spite of all that, proposing solutions to remedy it.