



## **Examining chalky soil restoration methods to build irrigation canals**

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Today, due to the fundamental needs in different affairs, the need to irrigate several areas is felt more than ever. Sometimes transmission paths are not in accordance with our expectations and we are forced to get irrigation canals through some improper lands. In Khuzestan, one of the problems of water transmission is channeling on the ground with chalk texture, so the need to restore this land is highly felt. One way to restore the chalky soil texture is lime and burned oil injection. In this study, we have tried to take a step towards this goal by providing restoration methods and injection of optimal amount of the cited material.