

## **The Effect of The Irrigation On Ground Water In Musharfa**

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### **Abstract**

Musharfa area, which lies in the north west of North Jazira Irrigation Project Characterized by low precipitation and rapid evaporation with high temperatures. Before the operation of the project rains were the only source of irrigation, and the ground water was used for drinking and human use . The depth of the wells in this area were more than 200m maximum levels for groundwater 15m below the ground level and the EC about 1ds/m. In this study (7) ground water samples were tested and the level of the ground water in shallow wells were measured. The results of this study indicate that, the levels of the groundwater were raised and also its quality become bad because the concentration of the salts increased and waterlogged, as result of high seepage of the irrigation water and using the surface irrigation in instead of sprinkler irrigation.

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**Keywords: Musharfa – groundwater – irrigation - waterlogged**