



جمهورية العراق

وزارة التعليم العالي والبحث العلمي

الجامعة التكنولوجية

قسم هندسة البناء والإنشاءات

فرع هندسة المياه والسدود

مشاكل الاسس في سد الموصل

وطرق معالجتها

مشروع تخرج مقدم الى الجامعة التكنولوجية

قسم هندسة البناء والإنشاءات

فرع هندسة المياه والسدود

كجزء من متطلبات نيل شهادة البكالوريوس في علوم هندسة البناء والإنشاءات

اعداد الطالب

علي مهند سلمان

بإشراف : أ.م.د. محمود صالح مهدي

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Abstract:

The size of the risk which may happen after the collapsing of the dam make the study of the stability and Maintenance of the dams something very necessary.

The necessity of al-mousil dam is that it is the largest and the lowest dam on the Tigris River in which any problem on its stability or maintenance or running could cause a serious threat to the cities after the dam.

This project aims to study the problem on the foundations of the dam and the methods of its treatment, this project has focused on the study of the methods of grouting and the techniques that used in grouting of the dam.

The results from this project stated that the grouting method plays a major rule in the treatment of the cavitations which happens because of the melting of the gypsum layers in the base of the dam and there is a bid need to keep on grouting.