



Republic of Iraq
Ministry of Higher Education and Scientific Research
University of Technology
Building and Construction Engineering Department
Water and Hydraulic Structures Engineering Branch



Hydraulic design of spillway

A Graduate Project Submitted to the Water and Hydraulic Structures Engineering Branch of the Building and Construction Engineering Department in the University of Technology in Partial fulfillment for the Degree of Bachelor in Water and Hydraulic Structures Engineering

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Abstracts

Spillway is a structure constructed at or near the site to dispose of the surplus water from the reservoir to the channel downstream, the purpose of the spillway is to pass flood water in this project study hydraulic design of spillway, types of spillway and location according to dam site

Thus ideal condition for an ogee spillway occur when the heads is equal to the design head for which the spillway has been shaped at the design head, it attains nearly the maximum efficiency and detrimental effect

الخلاصة

الهدار هو منشأ يبني ضمن او اقرب جسم السد يعمل على تصير الماء من الخزان الى قناة التصريف في مؤخرة السد والخرض الساسي للهدار هو تمرير ماء الفيضان.

تم في هذا المشروع دراسة التصميم الهيدروليكي للهدار من نوع (ogee) .

والضروف المثاليه لهذه النوع من الهدار تحدث عندما يكون الارتفاع مساوي الى الارتفاع التصميمي.