



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Ain Shams University Information Network
جامعة عين شمس

شبكة المعلومات الجامعية

@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغييرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة



بالرسالة صفحات لم ترد بالاصل

**SEWAGE TREATMENT
IN RURAL AREAS
BY MODIFIED BIO TOWER**

for preventing its disposal effect on ground water pollution

A Thesis

Submitted to the Faculty of Engineering
Ain Shams University for the Fulfillment
of the Requirement of Ph.D. Degree
in Civil Engineering

by

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1998

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A Thesis For
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(SANITARY ENGINEERING)

By
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STATEMENT

This dissertation is submitted to Ain Shams University, Faculty of Engineering for the degree of Ph.D. in Civil Engineering.

The work included in this thesis was carried out by the author in the department of Public Works, Faculty of Engineering, Ain Shams University, from April 1992 to March 1998.

No part of the thesis has been submitted for a degree or a qualification at any other University or Institution.

Date:- ---/--/1998

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DEDICATION

This work takes several years from my life. I wish to dedicate to whom suffered to educate, prepare, build capacity and help my self to be as I am,

**TO MY FATHER, MY MOTHER
AND MY FAMILY.**

Also I wish to dedicate this work to whom suffered to help, facilitate, encourage and support with money, time and effort,

**TO MY HASPAND
AND MY CHILDREN.**

as a great thank for what have they done during the preparation of this work and to be a guide in our life together in future.

