



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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



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



**MONITORING WATER QUALITY
(FOR IRRIGATION) OF DIFFERENT
SOURCES IN DELTA REGION, EGYPT**

BY

HAMDI ABD EL AZIZ MOSTAFA

B.sc.Agric.Zagazig University (Benha) Moshtohr 1980

A Thesis Submitted in Partial Fulfillment

Of

The Requirements for the Degree of

MASTER OF SCIENCE

IN

**Agricultural science
(Soils)**

**Department of soil and Agricultural Chemistry
Faculty of Agriculture, Moshtohor
Zagazig University, Benha Branch**

2000

1497
28

**MONITORING WATER QUALITY
(FOR IRRIGATION) OF DIFFERENT
SOURCES IN DELTA REGION, EGYPT**

BY

HAMDI ADEL AZIZ MOSTAFA

B.Sc. Agric. Zagazig University (Banha) Moshtohr 1980

Under the supervision of :

Prof. Dr. M.K. Sadik

M. K. Sadik
Prof. of Soil Science

Prof Dr. A.A. Abd El Salam

Abd El Salam
Prof. of Soil Science

Dr. E.H. Nofal

Esmat Nofal
Lecturer of Soil Science

Approval Sheet

MONITORING WATER QUALITY (FOR IRRIGATION) OF DIFFERENT SOURCES IN DELTA REGION, EGYPT

BY

HAMDI ABD EL AZIZ MOSTAFA

B.sc. Agric. Zagazig university (Benha) Moshtohr 1980

This thesis for M.Sc degree has been

Approved by :

Prof. Dr. M.K. Sadik

M. K. Sadik

Prof of soil Science

Prof Dr . A. A. Abd El Salam

Al: Abdel Sala

Prof of soil Science

Prof Dr . H. H. Abbas

H. H. Abbas

Prof of soil Science

Prof Dr: G.A. Kamel

Assit.Prof of Siol Science
draing Research inst.

Date of Examination : / / 2000

Acknowledgement

The author wishes to express his deep gratitude to Dr M.K.Sadik and Dr A.A.Abdel Salam, professors of Soil Science, and Dr. E.A.Nofal, lecturer of Soil Science, Faculty of Agriculture, Moshtohr, Zagazig University (Benha) for their supervision and valuable guidance,

special thanks are due to prof. Dr.Mahmoud Abu Zied, Minister of Irrigation and Water Resources for encouragement and help. Thanks are also due to Dr.G.A.Kamel, Professor of Soil Science, Drainage Research Institute, (DRI), Water Research Center (WRC), Ministry of Irrigation and Water Resources (MIWR) for his help and encouragement; and to staff of the Laboratory of the DRI; and to Eng .M.A.Mohamed, Director of the Project Preparation Department (MIWR) and Department Staff for their help

Also, the author is deeply indebted to his parents..his wife and sons for their help and encouragement.



(وأنزلنا من السماء ماءً بقدر فأسكننا همقى
الارض وإنا على ذهاب به لقادرون)
المؤمنون آية ٦٨

