KESTERSON RESERVOIR BIOLOGICAL MONITORING REPORT, DECEMBER 1989

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649379071

Kesterson Reservoir biological monitoring report, December 1989 by Anonymous

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

ANONYMOUS

KESTERSON RESERVOIR BIOLOGICAL MONITORING REPORT, DECEMBER 1989



KESTERSON PROGRAM

... 572-

KESTERSON RESERVOIR BIOLOGICAL MONITORING REPORT

U.S. Bureau of Reclamation Mid-Pacific Region

December 1989

CONTENTS

Executive Summary

- 1 Introduction
- 2 Habitat Mapping

Objectives

Methods

3 Vegetation/Invertebrate/Soil/Surficial Sampling Analyses

for Contaminants and Abundance

Objectives

Methods

Results

Discussion

4 Bird Censusing

Objectives

Methods

Results

Discussion

5 Bird Nesting Survey

Objectives

Methods

Results

Discussion

6 Bird Collection and Analysis for Contaminants

Objectives

Methods

Results

Discussion

7 Reptile/Amphibian Collections and Analysis for Contaminants

Objectives

Methods

Results

Discussion



CONTENTS (Continued)

8 Small Mammal Collections and Analysis for Contaminants

Objectives

Methods

Results

Discussion

9 Predator Collections and Analyses for Contaminants

Objectives

Methods

Results

Discussion

10 Night Surveys

Objectives

Methods

Results

Discussion

11 Sample Handling and Transportation/Laboratory Analyses

1990 Biological Monitoring Plan

References

APPENDIXES

- A-1 Plant List
- A-2 Bird List
- A-3 Mammal List
- B-1 Plant Selenium Levels
- B-2 Invertebrate Selenium Levels
- B-3 Animal Selenium Levels

CONTENTS (Continued)

TABLES

- 3-1 1989 Plant Selenium Concentrations
- 3-2 1989 Invertebrate Selenium Concentrations
- 4-1 1989 Bird Populations
- 5-1 Summary of Egg Selenium Concentrations
- 5-2 Results of Examinations of Eggs Collected at Kesterson Reservoir 1989
- 6-1 1989 Western Meadowlark Foot Habits and Liver Selenium Concentrations
- 8-1 Frequency of Mammals Collected
- 8-2 Summary of Reproduction in Small Figures
- 8-3 Summary of Small Mammal Selenium Levels
- 10-1 Frequency of Animals Observed During Night Surveys

FIGURES

2-1 Habitats and Trisections