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# **WATER RESOURCE DATA MANAGEMENT ANNUAL REPORT**

## **WASHINGTON STATE DEPARTMENT OF ECOLOGY WATER RESOURCE PROGRAM DATA MANAGEMENT UNIT**

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# TABLE OF CONTENTS

Executive Summary. . . . .	1
Introduction . . . . .	3
Projects Listed in This Annual Report . . . . .	3
Review of Projects . . . . .	6
Surface Water Identification . . . . .	6
Washington Surface Water Identification System . . . . .	6
Well Identification . . . . .	6
Develop Unique Well Identification and Location Systems . . . . .	6
Ground Water Information . . . . .	8
Ground Water Information System . . . . .	8
Ground Water Information . . . . .	8
Well Driller Licensing . . . . .	8
Water Rights - General . . . . .	8
Water Right Application Tracking - WRATS . . . . .	8
Water Rights - Extended . . . . .	9
Adjudication Report Writing . . . . .	9
Data Architecture . . . . .	9
Common Data Architecture . . . . .	9
Data Architecture . . . . .	IO
Water Quality Data Architecture . . . . .	10
Data Architecture . . . . .	10
Water Resource Data Architecture . . . . .	IO
Data Inventories . . . . .	11
Data Need and Availability Surveys . . . . .	11
Data Sharing . . . . .	11
Publish Data Source Book . . . . .	11
Data Sharing . . . . .	12
Clearing House . . . . .	12
Planning . . . . .	12
The Five-Year Plan . . . . .	12
Planning . . . . .	13
The Information Strategy Plan . . . . .	13
Water Use Reporting . . . . .	13
Define Data Fields for Public Water Supply System Databases . . . . .	13

## Executive Summary

This Annual Report lists accomplishments pursuant to the Five-Year Water Resource Data **Management Plan** and other data management projects of Ecology's Water Resources Program. Information on fourteen projects is presented. The status of each project is summarized below.

### **Washington Surface Water Identification System (WASWIS) -**

WASWIS assigns addresses to lakes, streams, and other surface water bodies. The system is being pilot tested in Whatcom County. Numerous potential users of WASWIS have been identified.

### **Well Identifications and Location Systems -**

Using the Well Identification System, local governments, tribes, consultants and well drillers have identified over 7,000 wells with numbered metal tags. This project is being implemented statewide. A Technical Advisory Group will draft rules implementing legislation to improve the quality of well location data, an activity closely related to the well identification project.

### **Ground Water' Information System -**

This system will implement automated methods for storage and retrieval of Well Construction Reports. This project is scheduled for completion in the 1993-95 biennium.

**Well Driller Licensing -** This project would result in a Well Driller Licensing Database which tracks well driller training and continuing education credits, facilitating uniform procedures for license renewal. No start date has been scheduled.

**Water Right Application Tracking System (WRATS) -** WRATS will retrieve information about the status of water right applications and application processing work loads. It will improve application processing efficiency. The target completion date is mid-1995.

**Adjudication Report Writing System -** The Adjudication Report Writing System automates water right adjudication record keeping and report writing. While much of this system is operating, additional work will be required before completion of the current adjudication in the Yakima River Basin. Additional work would also be required before another adjudication could be started. Completion of this system is not scheduled.

**Common Data Architecture -** This mechanism defines data in a common format for each identification and sharing of data across projects and institutions. This project has been initiated, but no additional work is scheduled.

























