COLORADO FLOODPLAIN AND STORMWATER CRITERIA MANUAL



TABLE OF CONTENTS

VOLUME 1 - FLOODPLAIN AND STORMWATER MANAGEMENT

Acknowledgements

Executive Summary

Table of Contents

Chapter 1 – General Provisions

Section 1 – Purpose

Section 2 – Applicability to Existing Drainage Manuals

Section 3 - CWCB Authority and Roles

Section 4 – Colorado Flood History

Section 5 – Applicable Drainage Laws

Section 6 – Definition of Terms and Acronyms

Chapter 2 – CWCB Principles

Section 1 – CWCB Rules and Regulations

Section 2 – CWCB Operating Principles

Chapter 3 – Floodplain and Stormwater Management

Section 1 – Floodplain Management

Section 2 – Stormwater Management

Chapter 4 – Permit Requirements

Section 1 – Local Permits

Section 2 – State Permits

Section 3 – Federal Permits

Chapter 5 – Report Submittal Requirements

Section 1 – Revision of Existing Floodplains

Section 2 – Delineation of New Floodplains

Section 3 – Subdivision Drainage Submittals

Chapter 6 – Flood Preparedness Activities and Flood Hazard Mitigation

Chapter 7 – Information Resources and Networks

COLORADO FLOODPLAIN AND STORMWATER CRITERIA MANUAL



VOLUME II - FLOODPLAIN AND STORMWATER ENGINEERING

Chapter 8 – Mapping Standards and Modernization

Chapter 9 – Hydrologic Analysis

Section 1 – Methods and Applications

Section 2 – Statistical Analysis

Section 3 – Regional Regression Analysis

Section 4 – Rainfall

Section 5 – Runoff

Section 6 - Mean Annual Flow Analysis (Placeholder for future section)

Chapter 10 – Hydraulic Analysis

Section 1 – Detailed Method

Section 2 - Limited Detailed Method

Section 3 – Approximate Method

Chapter 11 – Floodplain Delineation

Chapter 12 – Unique Hydraulic Conditions

Section 1 – Alluvial Fan Hazards

Section 2 - Mudflow, Debris Flow

Section 3 - Irrigation and Stormwater Interaction

Section 4 – Ice Jams

Section 5 - Drainageway Buffer Zones and Setback Limits

Section 6 - Two-Dimensional Modeling

Chapter 13 – Hydraulic Analysis and Design

Section 1 – Open Channels

Section 2 - Bridges and Culverts

Section 3 – Dams and Reservoirs

Section 4 – Levees

Section 5 – Detention Basins

Section 6 – Drop Structures (Placeholder for future section)

Section 7 – Recreational Structures (Placeholder for future section)

Chapter 14 – Storm Drain Systems

Section 1 – Storm Drains

Section 2 – Streets

Chapter 15 – Storm Drainage Water Quality

Section 1 – Stormwater Quality Management Principles

Section 2 – Best Management Practices

Chapter 16 – References