

Table of Contents

1. Introduction	1
2. Our Legal and Institutional Setting	7
2.1 Colorado Water Law and Administration	7
2.2 Interstate Compacts and Equitable Apportionment Decrees	13
2.3 Colorado's Local-Control Structure	23
2.4 Local, State, and Federal Water Planning, Approval, and Permitting	25
2.5 Tribal and Federal Reserved Water Right Issues within Colorado	28
3. Overview of Each Basin	37
4. Water Supply	58
5. Water Demands	78
6. Water Supply Management for the Future	94
6.1 Scenario Planning and Development	94
6.2 Meeting Colorado's Water Gaps	106
6.3 Conservation and Reuse	158
6.3.1 Municipal and Industrial Conservation	158
6.3.2 Reuse	173
6.3.3 Land Use	181
6.3.4 Agricultural Conservation, Efficiency, and Reuse	190
6.3.5 Self-Supplied Industrial	199
6.3.6 State Agency Conservation	206
6.4 Alternative Agricultural Transfers	208
6.5 Municipal, Industrial, and Agricultural Infrastructure Projects and Methods	219
6.6 Environmental and Recreational Projects and Methods	241
7. Water Resource Management and Protection	279
7.1 Watershed Health and Management	279
7.2 Natural Disaster Management	287
7.3 Water Quality	292
8. Interbasin Projects and Agreements	311
9. Alignment of State Resources and Policies	330
9.1 Protecting Colorado's Compacts and Upholding Colorado Water Law	330
9.2 Economics and Funding	335
9.3 State Water Rights and Alignment	350
9.4 Framework on More Efficient Water Project Permitting Processes	358
9.5 Outreach, Education, and Public Engagement	379
10. Critical Action Plan	398
11. Updating Colorado's Water plan	416
Appendix A. Executive Order D2013-05	
Appendix B. How other states have worked to meet their gap	
Appendix C. Instream flow and natural lake level examples	
Appendix D. IBCC Conceptual Agreement	
Appendix E. Organizations the CWCB met with while developing Colorado's Water Plan	