

Appendix F

Integrated Water Resources Plan Options

Appendix F includes a description of the planning options developed by the Study Team and Steering Committee. An option, in the context of this Plan, is a project, program, or policy that could be implemented to help meet the County's future water management needs. The Study Team and the Steering Committee used the development and evaluation of options and option packages to identify potential policies, which represent patterns of actions that Butte County can take with respect to integrated resources management. These policies are the ultimate outcome of the planning process described herein; the options are included both to illustrate the development of the policies and to identify the actions that may be accomplished if the policies are approved.



Butte County Integrated Plan Options

Environmental

1. Increase Fish Flows in Upper Butte Creek
2. Increase Fish Flows in Lower Butte Creek
3. Restore a More Natural Flow Regime on the Feather River
4. Develop a Coordinated Water Quality Database
5. Develop a Coordinated and Expanded Water Quality Monitoring Program
6. Implement an Environmental Monitoring Program
7. Provide Guidance in Development of Basin Management Objectives that Support Vegetation

Water Conservation

8. Expand Urban Water Use Efficiency Measures
9. Expand Agricultural Water Use Efficiency Measures
10. Inform and Educate the Public About Water

Ridge Supplies

11. Divert Water from Miocene and Hendricks Canal to Supply the Ridge
12. Build the Lime Saddle Pipeline to Deliver Water to the Ridge
13. Strengthen Magalia Dam to Increase Storage Capacity
14. Raise Paradise Dam to Increase Storage Capacity

Coordinated Management

15. Implement a Coordinated Management Program
16. Identify and Deepen Shallow Groundwater Wells
17. Build a Canal to Deliver Surface Water to Cherokee and Esquon
18. Build the Oro-Chico Conduit for In-Lieu and Direct Recharge in Cherokee and Esquon
19. Construct Groundwater Recharge Basins
20. Investigate a Storage Reservoir in Table Mountain's Former Basalt Mine
21. Enhance Natural Recharge from Local Waterways through Environmental Restoration Activities
22. Expand Groundwater Level and Extraction Monitoring

Policies

23. Create a Groundwater Replenishment District
24. Protect Recharge Area Water Quality through Zoning
25. Commit to a Periodic and Coordinated Update of Water Management Plans, Ordinances, Resolutions, and Policies
26. Initiate a Multi-County Cooperative Outreach Effort
27. Increase the Support for the Butte County Resource Conservation District
28. Coordinate Regional Watershed Management
29. Support Restoration of a More Natural Flow Regime on the Sacramento River

SWP Allocation Management

30. Improve Management of Unused SWP Allocation