

BOISE RIVER FLOOD CONTROL DISTRICT # 10

5-YEAR STRATEGIC PLAN (5/21/2017)



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INTRODUCTION

In 2003 the Board of Commissioners of Boise River Flood Control District No. 10 (FCD 10) adopted Resolution 01-2003 setting forth FCD 10's flood management objectives and actions. In 2014, the Idaho legislature passed Senate Bill 1344 to clarify the authorities and responsibilities of Idaho flood control districts. The historic Boise River Basin runoff, river flow and flooding in 2017 has demonstrated the continuing need for strategic planning to reduce the risk of flooding and flood damage in the Boise River Valley.

The Board of Commissioners adopts this 5-Year Strategic Plan to enhance FCD 10 administration, operations, planning, projects, and coordination with public agencies and private parties. This Strategic Plan consists of Goals, Objectives and Actions:

- 1) Goals are programmatic statements based on FCD 10's statutory authorities and responsibilities, which guide FCD 10 over the long term.
- 2) Objectives provide more specific program direction to accomplish FCD 10's goals.
- 3) Actions describe FCD 10 activities to implement FCD 10's goals and objectives. Actions, described in Appendices A & C, are measurable, and often will have an associated budget item.

GOALS

1. Flood Risk Reduction. Reduce the risk of flooding in the Boise River Valley below Lucky Peak Dam.
2. Flood Response. Enhance flood response to minimize flood damage to life, property, and infrastructure.
3. Flood Management Coordination. Promote professional, coordinated flood management of the Boise River below Lucky Peak Dam.
4. Flood Management Education & Outreach. Promote education and outreach to enhance public awareness and support for Boise River flood management.
5. FCD 10 Administration. Provide responsible and transparent management of FCD 10 staff, budget, and operations.

OBJECTIVES

1. Boise River Carrying Capacity. Study, maintain and pursue opportunities to improve the carrying capacity of the Boise River below Lucky Peak Dam to reduce the risk of flooding in the Boise River Valley.
2. Flood Storage & Mitigation. Study, protect and maintain riparian corridors and other areas that provide flood storage and mitigate peak Boise River flows below Lucky Peak Dam.
3. Flood Risk Assessment. Support technical analysis to improve flood risk assessment in the Boise River Valley.

4. Flood-Wise Development. Promote flood-wise land use changes within the Boise River floodplain that do not increase the risk of flood damage to life, property and infrastructure.
5. Flood Response. Enhance FCD 10's flood response capabilities, strategies and coordination with public agencies and private parties who are involved in or affected by Boise River flood management.
6. River Access. Secure and preserve access to the Boise River for river maintenance, flood projects, emergency vehicles and personnel, flood fight and safety for the District and other agencies involved in flood management and emergency responses.
7. Public Education and Outreach. Enhance FCD 10's flood management education and outreach capabilities, channels and opportunities in coordination with other agencies and educational institutions engaged in flood risk assessment and flood management.
8. FCD 10 Administration. Conduct FCD 10 operations in an efficient, cost-effective, transparent and timely manner in accordance with applicable statutes, permits, rules, and regulations.

APPENDIX A - ACTIONS

FCD10's Fiscal Year (FY) runs from October 1 to September 30. The following actions are FY 2017 actions unless noted. See Appendix C - Matrix for out-year actions.

DISTRICT ADMINISTRATION

1. Assess District personnel needs and develop and maintain a recruitment program for filling Board and Staff vacancies. Cost included in base budget.
2. Monitor District compliance with applicable Federal, State and County Statutes and Regulations and Resolutions adopted by FCD10. Cost included in base budget.
3. Conduct annual review of Strategic Plan to monitor implementation. Update and revise as necessary. Coordinate with budget process. Cost included in base budget.
4. Develop annual budget for Board review/approval. Final draft must be completed no later than mid-July in preparation for public hearing and adoption in mid-August. Monitor implementation and provide financial report to the Board quarterly. Estimated cost for FY2017 is included in base budget.
5. Develop or revise contracts for District contract staff and service providers, including engineering, book-keeping, river operations and project management. Include multiple year renewable clause when appropriate. Cost are included in base budget.
6. Provide media (e.g. web/facebook) and office programs training for Board and Staff, and continue flood mitigation and response training for District Manager. Estimated cost for FY 2017 is \$5,000. Note: this item will continue as needed.
7. Create River Corridor Management Plan (i.e. Workshop "Master Plan"). Include:
 - Recommendations for meeting District access needs;
 - Identification of areas with significant risk of flood and sediment damages;
 - Strategies to reduce potential flood and sediment damage;
 - A channel maintenance strategy that balances flooding and environmental concerns;
 - Education of communities, landowners, and other stakeholders about Flood Control District #10's responsibilities and concerns; and
 - Coordination with irrigation entities, local governments with land use authority, and state and federal agencies with water management responsibilities. Cost included in specific actions within this Strategic Plan.

RIVER OPERATIONS

8. Extend/renew permits, agreements, and memoranda of understanding with Idaho Department of Water Resources, the US Army Corps of Engineers and Idaho Department of Environmental Quality. Cost for FY2017 is included in base budget.
9. Perform annual river channel maintenance to manage debris that may increase flood risk. Estimated cost for FY2017 including Dry Cr. is \$65,000 for contract costs.

10. Maintain a reserve supply of rock for flood fight, bank restoration and other projects requiring a specific type/size. Store this rock at a minimum of two sites above the 500-year flood event. Develop a minimum reserve of 15, 000 cubic yards varying in size from 6"-36" over a 2-3 year period. Estimated cost at \$20 per cu. /yd. for FY 2017 is \$40,000.
11. Coordinate with Water District 63 water users to perform routine inspection and necessary maintenance/repair on river structures in order to minimize their impacts on the river capacity to convey the base (100-year) flood event. Cost for FY2017 is included in base budget

OUTREACH

12. Identify key stakeholder officials and their meeting schedules. Request FCD#10 attend meetings when the agenda includes river/flood-related topics. Invite stakeholders to attend Flood District meetings when agenda topics address common issues. Cost for FY 2017 included in base budget.
13. Analyze recommendations from Stakeholders and enter these recommendations as actions into the Strategic Planning process when approved by the FCD10 Board. Cost will be covered in appropriate FY line items.
14. Define and strengthen the flood mitigation planning process for new development, including an appeals process. Review and approve development flood mitigation plans for compliance with best management practices. Recommend revisions as necessary, Include access for FCD10. Costs included in base budget.
15. . Develop multi-media communication tool designed to educate developers and planning and zoning agencies in the lower Boise River on the best management practices of flood wise development, as well as the public safety, economic, regulatory compliance, and aesthetic advantages. Estimated Cost for FY2017 is \$10,000
16. Work with stakeholders to develop a scoping document to address flood risk in the Eagle Island river stretch. Included in this scoping would be flood-wise park and housing development, irrigation structures, recreation, wildlife and mining operations. The overall project for addressing this area of the Boise River will be a long term effort with multiple stakeholders. FY 2017 costs for FCD 10 are estimated at \$2,000 to cover costs of meetings and administrative expenses for scoping efforts. Cost for recommended studies or interim projects will be budgeted as needed.

TECHNICAL PROGRAMS

17. Fund a study to analyze critical areas of risk to include impacts on floodplain management and strategies for reducing risk. Estimated cost for FY 2017 is \$20,000. Note: a comprehensive study may continue over multiple years.
18. Select a provider to develop/maintain an interactive website and other pertinent media to share District information with the public. Include links to county emergency management

plans and other federal, state and city flood preparedness information. Estimated cost for FY2107 is \$10,000 and ongoing maintenance costs of approximately \$3,000/yr.

19. Geolocate current access points in the District. Identify portions of the river that lack access. Identify landowners and negotiate access agreements. Benchmarks for access include: spaced along the river at increments of no less than ¼ mile, staggered ½ mile increments both sides of river; at all irrigation diversions and head gates on both banks of the river; at all river crossings including bridges on both banks and at points both upstream and downstream from each crossing; and at all public utility crossings, including pipe and power lines. Estimated cost for FY 2017 is \$3,000 and will continue as an “on-going” basis.
20. Complete 2-D modeling for decision making going forward with projects. Combine with Sediment Study and Risk Study. This is a line item in the 2017 Budget for FCD 10.
21. Conduct a Sediment Management Study to identify areas of risk. Prioritize projects in these areas with stakeholders to improve river flow. University of Idaho can do this work. This is in the 2017 Budget for FCD 10.