

GREEN RIVER ACTION PLAN: DUCHESNE RIVER

| | ACTIVITY | WHO | STATUS | FY 07 10/06 9/07 | FY 08 10/07 9/08 | FY 09 10/08 9/09 | FY 10 10/09 9/10 | FY 11 10/10 9/11 | FY 12 10/11 9/12 | OUT- YEARS |
|------------------|---|--|----------|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|
| I. | PROVIDE AND PROTECT INSTREAM FLOWS (HABITAT MANAGEMENT) | | | | | | | | | |
| I.A. | Identify initial year-round flows needed for recovery. | FWS-ES | Complete | Initial year-round flow needs for recovery were identified & summarized in a letter to Program Director on 03/09/95 and included in 1998 biological opinion. | | | | | | |
| I.A.1. | Conduct hydrology/water availability study. | UT | Complete | CH2MHill 1997. | | | | | | |
| I.A.2. | Conduct follow-up study to evaluate and refine flow recommendations. | FWS/UT | Complete | Modde and Keleher 2003. | | | | | | |
| I.B. | State acceptance of initial flow recommendations (dependent on development of initial flow recommendations). | | | | | | | | | |
| I.B.1. | Review scientific basis. | UT | Complete | Acceptance of Modde and Keleher 2003. | | | | | | |
| I.B.2. | Assess legal and physical availability of water. | UT | Pending | | 12/07 | | | | | |
| I.C. | Legally protect and deliver identified flows. | | | | | | | | | |
| I.C.1. | Strawberry Valley Project. | | | | | | | | | |
| I.C.1.a. | Determine amount of water available from the Strawberry Valley Project for fish use. (BR/CUWCD completed coordinated reservoir operations model in 2003. Task completion part of I.D.1) (This is part of the coordinated reservoir operation in I.D.) | USBR/DOI/PD/ Strawberry Water Users | Ongoing | | 12/07 | | | | | |
| I.C.2. | Management of Daniels Transbasin Diversion. | | | | | | | | | |
| I.C.2.a. | Determine the amount of water available from the Daniels Diversion for endangered fish use and pattern and location for delivery. (BR/CUWCD completed coordinated reservoir operations model in 2003. Task completion part of I.D.1) | DOI/IBAT/FWS/ Mitig. Comm./ CUWCD/ UteTribe | Complete | | | | | | | |
| >* I.C.2.b. | Develop agreements if feasible to deliver and protect water available from the Daniels Diversion. | UT/IBAT /FWS/DOI/ Mitig.Comm./ CUWCD | Ongoing | | 12/07 | | | | | |
| I.D. | Coordinate reservoir operation. | | | | | | | | | |
| I.D.1. | Determine feasibility and benefits of coordinated reservoir operation. | BR/CUWCD/ DOI | Complete | Hansen 2004. | | | | | | |
| >* I.D.2. | Develop agreements if feasible to coordinate reservoir operations and protect flows to the Green River. | BR/CUWCD/ UT/Ute Tribe | Ongoing | X | 12/07 | | | | | |
| >* I.D.2.a. | Rehabilitate Myton Town diversion. | BR/CUWCD/ UT/Ute Tribe | Pending | X | | | | | | |
| I.E. | Examine the feasibility of other options for obtaining water. | BR/DOI/PD/ UteTribe | Ongoing | X | X | X | X | X | X | X |
| I.F. | Determine need and feasibility of additional gaging. | BR/FWS/UT | Complete | | | | | | | |
| I.F.1. | Construct additional gages, as needed. | TBD | Complete | | | | | | | |
| I.G. | Evaluate and revise as needed, flow regimes to benefit endangered fish populations | FWS/Program | Ongoing | X | X | X | X | X | X | X |
| III. | REDUCE NEGATIVE IMPACTS OF NONNATIVE FISHES AND SPORTFISH MANAGEMENT ACTIVITIES (NONNATIVE AND SPORTFISH MANAGEMENT) | | | | | | | | | |
| III.A. | Reduce negative interactions between nonnative and endangered fishes. | | | | | | | | | |
| III.A.1. | Identify most damaging nonnative fishes. | UDWR | Complete | Hawkins and Nesler 1991, Lentsch et al. 1996b, Tyus and Saunders 1996. | | | | | | |
| III.A.2. | Assess options to control negative interactions from nonnative fishes from the Duchesne River to benefit Colorado pikeminnow and razorback sucker young-of-the-year. | UDWR | Complete | Tyus and Saunders 1996. | | | | | | |
| III.A.3. | Implement and evaluate the effects of viable measures to control negative interactions from nonnative fishes. (See III.A.3. under Green River Mainstem Action Plan.) | | | | | | | | | |
| III.A.3.a. | Evaluate feasibility of screen on Bottle Hollow Reservoir to control nonnative fish escapement and explore alternative funding sources. | FWS-FAO/Ute Tribe/BOR | Complete | USFWS 2001. | | | | | | |
| >* III.A.3.a.(1) | If feasible and necessary, screen Bottle Hollow Reservoir | Ute Tribe | Complete | Elder's Pond screen (downstream of Bottle Hollow) completed in 2002 (Irving and Montoya 2002). | | | | | | |
| III.A.3.b. | Evaluate escapement of nonnative fishes from Starvation Reservoir and the feasibility of screening. | UDWR | Complete | Brunson et al., 2007. | | | | | | |
| >≠ III.A.3.b.(1) | If feasible and necessary, screen Starvation Reservoir | N/A | Complete | | | | | | | |
| >* III.A.3.c. | Remove nonnative fish (smallmouth bass, channel catfish and northern pike). See III.A.2.c.1. & 2. under General Recovery Program Support Action Plan. | FWS-FR | On hold | | | | | | | |