

Table 3: Estimated agency in-kind contributions, actions, and responsibilities for implementation of the Virgin spinedace Conservation Agreement.

Agency	Brief Description of Tasks and Responsibilities *
Utah Department of Natural Resources, Utah Division of Wildlife Resources	Serve as Virgin spinedace conservation group team leader (eg: oversee administrative responsibilities of agencies, reports, meetings etc.). Consult on water protection issues. Assist in obtaining and/or securing water rights and land within Virgin spinedace habitat. Assist in funding basin-wide enhancement projects. Plan and implement eradication/control projects of non-indigenous species within the basin (eg: red-shiners, green sunfish, brown trout and crayfish). Serve as lead agency for population and habitat enhancements, re-introductions and monitoring projects in Utah.
Nevada Department of Conservation and Natural Resources, Division of Wildlife	Serve as lead agency for funding, monitoring, Virgin spinedace re-introductions, and non-indigenous control/eradication in Upper Beaver Dam Wash. Cooperate and assist in basin-wide habitat enhancement and population monitoring projects.
Arizona Game and Fish Department	Cooperate and assist in eradication/control projects of non-indigenous species in lower basin reaches, and cooperate and assist in basin-wide habitat enhancement and population monitoring projects.
U.S. Fish and Wildlife Service	Advise and assist implementation of conservation agreement in regard to existing laws (eg: ESA, NEPA regulations etc.). Cooperate and assist in eradication/control projects of non-indigenous species, cooperate and assist in basin-wide habitat enhancement and population monitoring projects. Maintain Virgin River fishes data base. Assist in funding basin-wide enhancement projects.
National Park Service	Serve as lead agency in funding and implementation of population and habitat enhancement and monitoring projects within Zion National Park. Cooperate and assist in basin-wide habitat enhancement and population monitoring projects.
Bureau of Land Management (Utah)	Cooperate and assist in basin-wide habitat enhancement and population monitoring projects. Assist in funding basin-wide enhancement projects. Cooperate and assist in eradication/control projects of non-indigenous species, cooperate and assist in basin-wide habitat enhancement and population monitoring projects.
Bureau of Land Management (Arizona)	Serve as lead agency for planning and locating, and cooperate in securing funding for construction of, and constructing migration barriers for red-shiner eradication in Arizona reaches of Virgin River as well as cooperate and assist in eradication/control projects of other non-indigenous species. Cooperate and assist in basin-wide habitat, enhancement and monitoring projects.
Washington County Water Conservancy District	Assist and facilitate in obtaining and/or securing water rights within Virgin spinedace habitat. Assist in planning, funding, and construction of non-indigenous fish migration barriers and diversion enhancements. Cooperate and assist in monitoring of fish populations and habitat responses to management actions.

* All agencies will participate in, and provide technical and administrative assistance to the Virgin Inedace Conservation Team