**EXHIBIT 1 HENRYS FORK BASIN STUDY LITERATURE REVIEW SUMMARY**

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Hydropower Resource Assessment at Existing Reclamation Facilities | March-11 | Bureau of Reclamation (Reclamation) | | |
| Continuation of Monitoring of Egin, Idaho Recharge Experiment, Fall 2008 through Spring 2010 | July-10 | Contor, Bryce A./Idaho Water Resources Research Institute (IWRRI), Taylor, Stacey L./IWRRI, Jordan, Blake/Idaho Department of Water Resources (IDWR) | A continuation of monitoring of Egin Lakes Recharge Project. | |
| Upper and Lower Henry's Fork Total Maximum Daily Loads | June-10 | Department of Environmental Quality (DEQ) | | |
| Basin Study on Water Supply on the Henrys Fork of the Snake River Basin | June-10 | Reclamation, Idaho Water Resource Board (IWRB) | Henrys Fork Basin Study Proposal (Tasks 1 through 10) | |
| Framework for a Special Study on Water Supply On the Henrys Fork of the Snake River Basin | April-10 | Reclamation | Henrys Fork Basin Study Framework. See also Location Map, and General Reference Map. | |
| Monitoring of Egin, Idaho Recharge Experiment, Fall 2008 | June-09 | Contor, Bryce A./IWRRI, Taylor, Stacey L./IWRRI, Quinn, G.W. (Bill)/IDWR | Monitoring of Egin Lakes Recharge Project as it is considered a potential groundwater recharge site. Same area as St. Anthony Pilot Recharge Project (1970-1974). | |
| Technical Report on Market-Based Reallocation of Water Resources Element of the Integrated Water Resource Management Alternative | June-09 | Cascade Law Group PLLC, ECO Northwest | In Support of the Yakima River Basin Storage Feasibility Study. Document identifies important planning considerations to reallocate water resources through water market and/or water bank. | |
| Hydrologic Modeling Analysis of the Minidoka Pool Raise Proposal | January-09 | Reclamation | Hydrologic modeling was done to assess whether the proposed pool raise at Minidoka Dam would be advantageous for additional water storage in the Snake River basin. The additional storage would exchange a limited amount of groundwater pumping with a comparable amount of surface storage/diversions. The model results indicate that the potential for additional storage imposes rather modest changes to the Snake River reservoir system while supplying current irrigation needs and providing a surface water supply to replace groundwater pumping. | |
| Analysis of the 2007 Post Season Recharge Using North Side Canal (Open-File Report) | June-08 | Wylie, Allan (IDWR), Quinn, Bill (IDWR), McVay, Michael, Scheidt, Nicholas, Pennington, Larry/North Side Canal Company (NSCC) | Monitoring results of recharge experiment to divert flows from the NSCC's canal system to recharge the Eastern Snake Plain Aquifer and mitigate for declines in flows at Blue Lakes and Clear Lake Springs. Favorable results in terms of increase in aquifer levels and spring flows (albeit outside of the Henrys Fork Basin Study area); the ESPA model suggests that the observable benefits should diminish rapidly with time. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| 2007 Biological Assessment for Operations and Maintenance of Reclamation Projects in the Snake River Basin above Brownlee Reservoir | August-07 | Reclamation | Biological Assessment for 12 proposed actions - 2 within Henrys Fork Basin Study Area (Future O&M at Palisades and Ririe Projects). | |
| Management Plan for Conservation of Yellowstone Cutthroat Trout in Idaho | April-07 | Idaho Department of Fish and Game (IDFG) | Goals and management plan for the conservation of Yellowstone cutthroat trout in Idaho. | |
| Preliminary Assessment of Hydrogeology and Water Quality in Ground Water in Teton, County, Idaho | March-07 | Cosgrove, D. M./IWRRI, Taylor, J. | Documents a preliminary investigation of the hydrology in Teton County, Idaho done by IWRRI for IDEQ. Specific objectives of the project included: a) provide a general hydrologic characterization of the Teton Valley based on previously published reports and the ground-water model, b) provide maps of aquifer hydraulic conductivity, aquifer storage and hydraulic gradient, c) assess the N-P Level 1 evaluation tool for sensitivity to various inputs, d) analyze water quality in fifty wells in the valley and compare current water quality results with previously published results and e) create a spreadsheet-based tool to analyze potential nitrate loading in the ground water due to various build-out scenarios. | |
| Final Conservation Strategy for the Grizzly Bear in the Greater Yellowstone Area | March-07 | Interagency Conservation Strategy Team | | |
| Teton River Canyon Resource Management Plan | October-06 | Reclamation | FONSI and EA for RMP for lands adjacent to the Teton Dam site and upstream along the canyon rim. | |
| Enhanced Snake Plain Aquifer Model Final Report | July-06 | Cosgrove, D.M./IWRRI, Contor, B.A./IWRRI, Johnson, G.S./IWRRI, IDWR | Report documents the enhancement (i.e. design and calibration) of the ESPAM. The ESPAM will be used to quantify the impacts of ground-water use on surface water resources. No attempt is made to address the topic of injury to senior water rights. | |
| Status Review Yellowstone Cutthroat Trout | February-06 | USFWS | | |
| Upper Teton River Tributary Trout Population Assessment | February-06 | Ryan Colyer, Friends of the Teton River | Conducted a comprehensive assessment of the upper Teton River's mountain tributary trout populations. Includes info on hydraulic regime. | |
| Groundwater-aquifer recharge demonstration project Fox Creek Area, Teton Valley, Idaho, Driggs, Idaho. | July-05 | Friends of the Teton River | Collected groundwater and surface water data to assist in quantifying the nature of the surface and groundwater interaction in the demonstration project area. Constructed a groundwater recharge demonstration test. Prepared a "recharge guide manual" that outlines considerations and procedures necessary to create a successful recharge project. The "manual" includes a discussion of potentially limiting factors that should be evaluated when recharge projects are considered. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| The Influences of Geology and Water Management on Hydrology and Fluvial Geomorphology in the Henry's Fork of the Snake River, Eastern Idaho and Western Wyoming. Masters Thesis, Idaho State University, Pocatello, Idaho. | June-05 | Bayrd, Garrett B. | A field and GIS-based study of the Henry's Fork Watershed, addressing: drainage-scale lithologic and geomorphic factors that determine variability in hydrologic regime across the watershed; 2. how drainage- and local-scale lithologic and geomorphic factors interact with the hydrologic regime to influence stream channel characteristics; and 3. how alteration of hydrologic regimes affected channel characteristics | |
| Phase II Evaluation of Managed Recharge on the ESRP Development of Recharge Facilities | April-05 | Blew, David/IDWR | Extension of *Feasibility of Large-Scale Managed Recharge of the Eastern Snake River Plain Aquifer System* (1999) (feasibility report). This evaluation outlined an appropriate strategy for developing recharge sites with the adequate recharge capacity. Evaluation determined high recharge potential, particularly those on the western end of the ESRP. | |
| U.S. Fish and Wildlife Service Biological Opinion for Bureau of Reclamation Operations and Maintenance in the Snake River Basin Above Brownlee Reservoir, Boise, ID | March-05 | US Fish and Wildlife Service (USFWS) | Describes a proposed action including the storage in and release of water from Grassy Lake Dam and Lake and Island Park Dam and Reservoir. It also includes the diversion of water at Cascade Creek Diversion Dam. All of these facilities are part of the Minidoka Project, which is authorized for irrigation. | |
| Hydrogeologic Analysis of the Water Supply for Victor, Teton County, Idaho (Preliminary Draft, not Published) | January-05 | Idaho Geological Survey, University of Idaho, Wylie, Otto, Martin | Study evaluated current water sources which currently meet demands, though Victor will soon need an additional source because of growth. The study identifies potential alternate ground-water sources and locates the recharge zone for alternate water supplies. Includes regional hydrogeology info. | |
| Surface-Water/Ground-Water Interaction along Reaches of the Snake River and Henrys Fork, Idaho | January-05 | Hortness, John .E./U.S. Geological Survey (USGS), Vidmar, Peter/Idaho Power Company, IDWR | Study area includes Upper Reach (Henrys Fork near Ashton to Henrys Fork at mouth, near Lorenzo) | |
| Sediment diapirism and gravity sliding of the 2 Ma Huckleberry Ridge Tuff near the Teton Dam, Idaho; small-scale structural constraints | January-05 | Millard, M.A., Clayton, R.W., Painter, C.S., Department of Geology - Brigham Young University | Secondary deformation results of the Huckleberry Ridge Tuff near the Teton Dam | |
| Hydrologic Alteration in the upper Teton watershed and its implications for cutthroat trout restoration, project completion report for Friends of the Teton River, Driggs, ID. | January-05 | Van Kirk, R. (Idaho State University), Jenkins, A. (Idaho Association of Soil Conservation Districts) | Estimated natural flow in the Teton River at the South Leigh gage and above the Crosscut Canal for water years 1989-2000 by adding surface diversions to daily regulated flow and subtracting inflow to the river resulting from recharge due to irrigation. Estimated the latter with an analytical model of ground water flow that incorporated recharge from direct precipitation, tributaries, and irrigation under current (sprinkler) and historic (flood) practices. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Teton River Investigations Part I: Fishery Assessment 25 Years After Teton Dam Final Progress Report (September 1997 to September 2002) | December-04 | IDFG, Reclamation, Schrader, W.C. | Creel survey data (prior to and after Teton Dam), water temperature data, and streamflow data in the Teton Canyon. Decline in trout fishery following the dam collapse despite wild, native trout management, special regulations and watch-and-release flyfishing. This decline is probably due to major changes in Teton River hydrology and geomorphology; in addition, decline due to accessibility and aesthetics of fishing experience for anglers due to loss of cottonwood floodplain, timbered hillsides, and channel type that was easy to access, float, and fish by anglers. | |
| Teton River Investigations Part II: Fish Population Surveys 25 Years After Teton Dam Final Progress Report (September 1997 to September 2002) | December-04 | IDFG, Reclamation, Schrader, W.C. | Fifteen fish species currently inhabit all or parts of the Teton River. Cutthroat, rainbow, and brook trout relative abundance has declined significantly while mountain whitefish and suckers have increased significantly relative to other taxa. Median total length of game fish has increased significantly since dam collapse, probably due to fish living longer with the reduction in harvest. The aesthetic quality of fish in Teton Canyon has declined due to blackspot disease. The effect of disease on fish populations is unknown, but is a detriment to the quality of the angling experience. | |
| Teton River Investigations Part I: Fish Movements and Life History 25 Years After Teton Dam Final Progress Report (September 1997 to September 2002) | December-04 | IDFG, Reclamation, Schrader, W.C. | Very few adult or juvenile game fish moved between the three Teton River study sections, and these mainstem populations are fragmented into three independent and isolated populations. It is not known where isolation occurred naturally prior to Teton Dam, or how much irrigation diversion structures in the Lower Teton have further fragmented these populations. | |
| Fremont-Madison Irrigation District Title Transfer Environmental Assessment | September-04 | Reclamation | EA for transferring ownership of Federal irrigation facilities to project beneficiaries (Fremont-Madison Irrigation District). | |
| Hydrologic Alteration and its Ecological Effects in the Henry's Fork Watershed Upstream of St. Anthony | June-04 | Van Kirk, R. (Idaho State University), Burnett, B. (Idaho State University) | Assessed hydrologic alteration and its ecological consequences on the main stem Henry's Fork upstream of St. Anthony and on the entire length of its largest tributary, Fall River, over water years 1972 through 2002. Hydrologic conditions in each reach were represented by one of the 10 stream gage stations currently operating in the watershed. Calculated natural flow by adding upstream change in storage, diversions, and reservoir evaporation to regulated flow. Then compared regulated and natural flow using the Indicators of Hydrologic Alteration methodology and the percent deviation of regulated daily flow from natural. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Operations Description for Bureau of Reclamation Projects in the Snake River Basin above Brownlee Reservoir | February-04 | Reclamation (Official Use Only/Sensitive) | Operations descriptions for Grassy Lake and Island Park. Official Use Only/Sensitive document, so only a few pages of entire document provided. | |
| The Neocene-Quaternary Topographic Development of the Portneuf Valley, Bannock County, Southeast Idaho. Masters Thesis, Idaho State University, Pocatello, Idaho. | January-04 | Osier, T. A. | Geologic development of the Portneuf Valley | NF |
| Henrys Fork Drought Management Plan | January-04 | Reclamation | The drought management planning process was set into motion by the Fremont-Madison Conveyance Act (PL 108-85). The plan calls for four to five annual meetings that correspond to the major cycles in a typical irrigation season to allow for palling on existing/prior conditions and predicted conditions. | |
| Seepage Study on the Henrys Fork and Snake River, Idaho; Final Progress Report | August-03 | Jon Hortness (USGS), Peter Vidmar (Idaho Power Company) | Provide an estimate of gains from and losses to ground water in selected river reaches in the ESRP during five detailed seepage studies. Used boat-mounted Acoustic Doppler Current Profilers (ADCPs) and Acoustic Doppler Profilers (ADPs) allowed for measurements to be made at intermediate locations between long-term gaging stations. | |
| Final Report: Ground-water model for the upper Teton watershed, project report prepared for Cascade Earth Sciences, Inc, Pocatello, Idaho. | March-03 | Nicklin, M. (Nicklin Earth & Water, Inc.) | Objectives included: 1) Develop an understanding of the conjunctive surface water/ground-water system of the Upper Teton Valley Watershed; 2) Use that understanding to create a calibrated ground-water model with the capability of addressing both water quantity and water quality issues. 3) Use the ground-water model to define the capacity of the aquifer system; 4) Utilize the ground-water model to assist in developing an overall monitoring program | |
| Teton River Subbasin Assessment and Total Maximum Daily Load | January-03 | DEQ | | |
| Teton Dam Failure Case Study | January-03 | Solava, S. (University of Alabama at Birmingham), Delatte, N. (University of Alabama at Birmingham) | Outlines causes of the Teton Dam failure and lessons learned. | |
| Creation of the Teton Landscape A Geological Chronicle of Jackson Hole and the Teton Range. Grand Teton Natural History Association, Moose, WY. | January-03 | Love, J. D., J. C. Reed, Jr., K. L. Pierce. | Geologic development of the Teton Range | NF |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Hydrogeologic Analysis of the Water Supply for Ashton, Freemont County, Idaho (Preliminary Draft, not Published) | January-03 | IWRRI, Martin, Wylie, Otto | This study provides hydrogeologic information to support decisions about continued use of the current supply wells and/or future ground water development. Specific objectives include: 1) Delineate the ground water flow system that supplies water to Ashton; 2) Determine possible causes of nitrate contamination to the supply wells; 3) Provide solutions for improving water quality for the Ashton wells; 4) Identify possible ground water targets for future development. | |
| Comparison of Vegetation on Historically Inundated and Non-Inundated South-Facing Slopes of Teton River Canyon: Implications for mule deer winter habitat | January-03 | Reclamation | | NF |
| Extension and subsidence of the eastern Snake River Plain, Idaho. In Bonnichsen, Bill, White, C.M., and McCurry, Michael, eds., Tectonic and Magmatic Evolution of the Snake River Plain Volcanic Provence: Idaho Geological Survey Bulletin, v. 30, p. 121-155. | January-02 | Rodgers, D. W. (Idaho Geologic Survey), Ore, H. T., Bobo, R. T., McQuarrie, N, Zentner, N. | Covers the deformational history of the eastern Snake River Plain, interpreted from rocks, structures, and landforms within and adjacent to it. | |
| Physical and human geography of the Henry's Fork watershed. Intermountain Journal of Sciences 6:106-118. | September-00 | Van Kirk, R. W. (Idaho State University), Benjamin, L | Overview of the physical and human geography of the Henry's Fork Watershed. | |
| Henrys Fork Journal of Aquatic Resources, Intermountain Journal of Sciences, Vol. 6, No. 3 | September-00 | Van Kirk, R. W. (Idaho State University) | Issue devoted to the aquatic resources of the Henrys Fork Watershed | |
| Geomorphology and River Hydraulics of the Teton River Upstream of Teton Dam, Teton River, Idaho | May-00 | Reclamation | Documents existing physical conditions and the changes that have occurred to the geomorphology and river hydraulics in the Teton River canyon as a result of the reservoir inundation and subsequent failure of Teton Dam. | |
| Groundwater hydrology of the Henry's Fork springs. Intermountain Journal of Sciences 6:119-142. | January-00 | Benjamin, L. | Presents regional water budgets, depth of water circulation in the aquifer using mass balance, temporal analysis of temporal availability in spring discharge, present isotopic information and investigate water age. | |
| Winter fisheries research and habitat improvements on the Henry's Fork of the Snake River. Intermountain Journal of Sciences 6:232-248. | January-00 | Gregory, J. S. | | NF |
| History of fisheries management in the upper Henry's Fork watershed. Intermountain Journal of Sciences 6:263-284. | January-00 | Gamblin, M. | | NF |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Henry's Fork Springs project, Report to USBR. | January-00 | Benjamin, L. | | NF |
| Feasibility of Large-Scale Managed Recharge of the Eastern Snake River Plain Aquifer System | December-99 | IDWR, Reclamation, Navigant Consulting, Inc. | Large-scale managed recharge scenario within the Henrys Fork Basin Study Area includes the Egin Lakes Recharge Scenario. | |
| Assessing Instream Flows and Reservoir Operations on an Eastern Idaho River (JAWRA Vol. 35, No. 4) | August-99 | Benjamin, Lyn, Van Kirk, R. W. (Idaho State University) | A methodology for assessing reservoir management was applied to the conflict between winter fish and wildlife flows on the Henrys Fork and the fulfillment of storage water rights. The methodology consisted of (1) identifying impacts of flow regulation, (2) quantifying relationships among variables affecting physical reservoir fill, and (3) assessing effects of these discharges on the fulfillment of water rights in the context of a larger system of interrelated reservoirs. | |
| Conversion of the IDWR/UI Ground Water Flow Model to MODFLOW: The Snake River Plain Aquifer Model (SRPAM) | June-99 | Johnson, Gary S./University of Idaho, Cosgrove, Donna M./University of Idaho, Laney, Sherry/University of Idaho, Lindgren, John/IDWR | Documents model conversion to the U.S. Geological Survey' MODFLOW code and an extension of the model domain to include the northeast corner of the Snake River Plain aquifer. | |
| Description of the IDWR/UI Snake River Plain Aquifer Model (SRPAM) | April-99 | Cosgrove, Donna M./University of Idaho, Johnson, Gary S./University of Idaho, Laney, Sherry/University of Idaho, Lindgren, John/IDWR, | Describes the SRPAM model MODFLOW code (three-dimensional, numerical model). Also presents limitations to the model as well as where further work could improve the model's reliability. | |
| Assessment of Needs and Approaches for Evaluating Ground Water and Surface Water Interactions for Hydrologic Units in the Snake River Basin | March-99 | IWRRI, University of Idaho, Lowell, M.D., Johnson, G.S. | Addresses ground-water surface water interactions in the SR3 study area (all Snake River drainage areas upstream from Brownlee Dam). | |
| Recharge of the Snake River Plain Aquifer: Transitioning from Incidental to Managed | February-99 | Johnson, G./University of Idaho, Sullivan, Walter H./Lockheed Martin Idaho Technologies Co., Cosgrove, Donna M./IWRRI, Schmidt, Robert/Reclamation | Summarizes the State's three-stage process for recharge management in response to declining aquifer levels as a result of diminished recharge from surface water irrigation and irrigation pumping. | |
| Secondary Deformation Within the Huckleberry Ridge Tuff and Subjacent Pliocene Units Near the Teton Dam: Road Log to the Regional Geology of the Eastern Margin of the Snake River Plain, Idaho | January-99 | Embree, G.F. (Ricks College), Hoggan, R.D. (Ricks College) | Detailed geologic mapping has revealed that a 20 km by 20 km area between the south flank of Big Bend Ridge and the Teton River, has been involved in gravity sliding and secondary flow. The included road log emphasizes this secondary deformation and its impact on the Teton Dam. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Southwest Irrigation District - High Plains Groundwater Recharge Project - Final Report | January-99 | Southwest Irrigation District (SWID) | This report was completed to demonstrate if Snake River water and other surface water supplies could be used for groundwater recharge without extensive pretreatment, to address both public and operational issues of groundwater recharge. It also demonstrated if existing wells could be used effectively for water injection, eliminating the need for costly new well construction. | |
| Upper Henry's Fork Subbasin Assessment | December-98 | Idaho Department of Health and Welfare Division of Environmental Quality, Hill, S., Mebane, C. | Overview of the physical features of the subbasin. Conclusion: The information presented in this assessment of the Upper Henry's Fork subbasin indicate that development of total maximum daily loads (TMDLs) for two waterbodies appearing on the 1994 § 303(d) list is either not feasible or unnecessary. | |
| Resource Inventory Upper Snake River Basin | December-98 | IDWR Planning Bureau | The Upper Snake River Basin Resource Inventory is a compilation of the data and information that was collected as part of the Idaho Water Resource Board's comprehensive basin planning study of the Eastern Snake Plain Aquifer and tributary basins conducted from 1993 to 1996 | |
| Flood frequency and flow duration analyses, Teton River Canyon restoration, Teton River, Idaho. USBR, Colorado | January-98 | England, J.F. | | NF |
| Henry's Fork watershed sediment studies 1997. Project Completion Report for Henry's Fork Foundation. | January-98 | HabiTech, Inc. | | NF |
| 1997 Revised Forest Plan Targhee National Forest | April-97 | USDA Forest Service | | |
| Spring spawning on the Henry's Fork and tributaries upstream from Riverside Campground. Project completion report for the Henry's Fork Foundation, Ashton, ID. Gregory Aquatics, Mackay, ID. | January-97 | Gregory, J. | | NF |
| Upper Henry's Fork watershed sediment studies 1996. Project completion report for Henry's Fork Foundation, Ashton, ID. HabiTech, Inc., Laramie, WY. | January-97 | HabiTech, Inc. | | NF |
| Hydrologic Analysis of Upper Henry's Fork Basin, Idaho, and Probabilistic Assessment of Island Park Reservoir Fill. Masters Thesis, Utah State University, Logan, Utah. | January-97 | Benjamin, L. | The purpose of the study was to characterize the pre-regulation flow regime, to quantify post-regulation changes and identify effects on the downstream ecosystem, and to model the probability of meeting irrigation storage deadlines while providing minimum instream flows during winter months. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Building a Collaborative Process for Restoration: Henrys Fork of Idaho and Wyoming. In: Watershed Restoration: Principles and Practices, J. B. Williams, C. A. Wood, and M. P. Dombeck (Editors). American Fisheries Society, Bethesda, Maryland, pp. 253-276. | January-97 | Van Kirk, R. W. (Idaho State University), C. B. Griffin | Chapter in a book that presents a case study of the Henry's Fork process for restoration. | NF |
| Shiridan Creek hydrology and geomorphology and implications for restoration efforts, Henry's Fork Foundation. | January-97 | Benjamin, L. | | NF |
| A spatial comparison of channel morphology between burn, timber, and old growth areas within the Yellowstone ecosystem. Master's Thesis, Montana State University, Bozeman. | January-97 | Myers, S.C. | | NF |
| A Combined Report: A Description of Bureau of Reclamation System Operations Above Milner Dam, January 1996 (Revised December 1997); A Description of Bureau of Reclamation System Operations of the Boise and Payette Rivers, November 1996 (Revised December 1997); A Description of System Operation of Miscellaneous Tributaries of the Snake River, April 1997 (Revised December 1997). | January-97 | Reclamation | This is an overview of the operation of the Snake River/Federal storage system above Milner Dam. | |
| Upper Snake River Basin Study | January-97 | IWRB | A review of the then-current data showed that there was no justification for redefining the 1986 trust/non-trust groundwater line. | |
| Idaho State Water Plan | December-96 | IWRB | Numerous high level water resources data. Potential reservoir sites in the Henrys Fork Basin Study area include Teton dam (236K AF). | |
| An Assessment of the Capability of Existing Canal Companies to Deliver Artificial Recharge Water to the Snake Plain Aquifer in Southeast Idaho | December-96 | University of Idaho, IWRRI, Sullivan, Walter .H., Johnson, Gary S., Casper, Jason L., Brockway, Charles E. | Presents limitations and technical challenges inherent in artificial recharge of the aquifer using the existing delivery systems - study limited to major canal systems. Includes Fremont-Madison Irrigation District (Egin Bench Canal Company). | |
| Henry's Fork Foundation Quarterly Newsletter | December-96 | Henry's Fork Foundation | Several articles on the history of the Henry's Fork watershed (including fisheries), quantity, and quality of Henry's Fork water. | |
| The Teton Basin Project | January-96 | Stene, Eric A./Reclamation | History of Teton Dam | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Stream geomorphology and hydrology of the Upper Henry's Fork watershed. Proj. completion report for the Henry's Fork Foundation, Department of Earth Sciences, ISU | January-96 | Anderson, E. | | NF |
| Preliminary hydrologic assessment of the lower Teton basin in southeast Idaho. Idaho Water Resources Research Institute, University of Idaho, Idaho Falls. | January-96 | Gego, E.L., Johnson, G.S. | | NF |
| Comprehensive State Water Plan - Eastern Snake Plain Aquifer (Draft) | January-96 | IWRB | The plan guides development, management, and use of water and related land resources of the State in compliance with the Idaho Constitution. | |
| Henry's Lake Dam Operation Plan. Idaho Falls, ID. | January-95 | Sorenson Engineering | | NF |
| Teton Dam Reconnaissance Study | January-95 | Fremont-Madison Irrigation District (FMID) | The report was prepared to assist FMID in evaluating potential water storage sites. It reported on the hydrology and water supply for the potential development of a reservoir on the Teton River at the site of the original Teton Dam. | |
| Snake River Basin Storage Appraisal Study | January-94 | Reclamation, United States Army Corps of Engineers (USACE) | Study to analyze potential new offstream, new onstream, replacement, an enlargement of damsites. Sites within the Henrys Fork Basin Study area includes Conant Creek dam (offstream supply from Falls River, 40K AF) and Teton dam (onstream, 200K). | |
| Survival of Rainbow Trout During Their First Winter in the Henrys Fork of the Snake River, Idaho. Transactions of the American Fisheries Society 123:747-756. | January-94 | Smith, R. W. (Idaho State University), J. S. Griffith (Idaho State University) | Tested the hypotheses that test fish would have better survival if cover were available or if water temperatures were higher at the site, and that larger fish would have better survival than the smaller fish of the test group. Survival ranged from 100% at a spring-fed site to 63% at the coldest site. | NF |
| Flushing flow investigations; Henry's Fork of the Snake River 1993-1994. Project Completion Report for IDEQ. | January-94 | HabiTech, Inc. | | NF |
| Geohydrology and simulation of flow and water levels in the aquifer system in the Mud Lake area of the eastern Snake River Plain, eastern Idaho. Water Resources Investigations Report 93-4227. USGS, Boise. | January-94 | Spinazola, J.M. (USGS) | | NF |
| Conant Creek reconnaissance study. Report for Freemont Madison Irrigation District. | January-93 | HDR | | NF |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Henrys Fork Basin Plan | January-92 | IWRB | High level water resources, other resources (including F&W), and water budget data. Includes river reach designations, which include reaches where dams or other impoundments are prohibited. | |
| Eastern Snake River Plain Aquifer Sole Source Aquifer | January-92 | Power Environmental Services | Status and implications of Sole-Source aquifer designation; this document summarizes available information about the eastern Snake River Plain and will serve as the technical basis for the US EPA designation of the ESRPA as a sole-source aquifer. | |
| Geohydrologic and chemical data from wells in the Mud Lake area, eastern Idaho, 1988-1991. Open File Report 92-133. USGS, Boise. | January-92 | Spinazola, J.M. (USGS), Tungate, A.M., Rogers, T.L. | | NF |
| Teton River Basin Study - Idaho Cooperative River basin Program - Teton County, Idaho - Teton County, Wyoming | January-92 | USDA | Report is the culmination of a River Basin Study which inventoried major sediment sources, analyzed the impacts on the Teton River fisheries, developed and evaluated alternative methods of treatment, and proposed a recommended plan of action. The survey also included a survey of the riparian conditions. | |
| Fremont-Madison Irrigation District System Management Program - A Scoping Study | January-92 | FMID | Recommendations were made to improve the operations and efficiency of use of FMID limited water resources. | |
| Snake Dam sites Meeting with COE in Portland | January-92 | Reclamation | This report contains a letter from Reclamation to the Corps of Engineers about a meeting that took place on July 23, 1992 concerning the Snake River Basin Cooperative Storage Appraisal Study. At the meeting, a work group selected several dam sites to receive appraisal-level evaluations. Also included in this report is the Methodology for Areawide Planning Studies. | |
| Snake River Basin Dam site Review | January-92 | Reclamation | This report summaries information on existing storage within the Snake River system and identifies potential storage sites. Includes the location of previously identified potential dam sites. | |
| Effects of Exchange Wells on the Teton River in the Rexburg - Teton Area, Madison and Fremont Counties, Idaho | October-91 | IDWR, Baker, Steven J. | Report focuses on the potential effect of exchange wells on the shallow ground water and river. | |
| Teton Dam Reappraisal Working Document | February-91 | Reclamation | Presents the findings of an appraisal-level evaluation of reconstruction of Teton Dam. See for cost indexing procedures for use in evaluation of storage sites. | |
| Final Planning Aide for the Upper Snake River Storage Optimization Study | January-91 | USFWS | As part of the Upper Snake River Basin Storage Optimization Study, the USFWS provided conceptual descriptions of possible impacts to fish, wildlife, and other resources associated with two water operation scenarios. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Base Flow Determination for Wintering Trumpeter Swans on the Henrys Fork of the Snake River. U.S. Fish and Wildlife Service, Boise, Idaho, 310 pp. | January-91 | Vinson, D. | | NF |
| Seismic stability evaluation of Ririe Dam and Reservoir Project, report 2, stability calculations, analysis, and evaluation, volume II, appendixes A through E | January-91 | USACE | | NF |
| Geological and seismological evaluation of earthquake hazards at Ririe Dam, Idaho | January-91 | USACE | | NF |
| Seismic stability evaluation of Ririe Dam and Reservoir Project, report 2, stability calculations, analysis, and evaluation, volume I, main text | January-91 | USACE | | NF |
| Upper Snake River Basin Storage Optimization Study, Idaho-Wyoming | January-90 | Reclamation | Reclamation and IDWR evaluated the potential uses of water resources and any additional water which might be made available through alternative operational scenarios of existing storage. | |
| Opportunities for Reservoir-Storage Reallocation. Journal of Water Resources Planning and Management 116:550-566. | January-90 | Johnson, W. K., R. A. Wurbs, J. E. Beagle | A review of studies on reallocation of reservoir storage capacity for reservoirs in the Corps of Engineers and state of Texas has identified eight general cases of reallocation: (1) Use of water-supply storage not under contract; (2) temporary use of storage allocated for future conservation purposes and sediment; (3) storage made available by change in conservation demand or purpose; (4) seasonal use of flood-control space during dry seasons; (5) reallocation of flood-control space; (6) modification of reservoir-water-control plan and method of regulation; (7) raising existing dams; and (8) system regulation of corps and noncorps reservoirs. | NF |
| Upper Snake River Basin Storage Optimization Study 1986-1993 | January-89 | Reclamation | This study evaluated the historical use of Reclamation storage reservoirs in the Upper Snake River basin, reviewed the effects of hydrologic cycles on water use and storage capability, reviewed the originally intended uses of the storage when it was placed under contract, and analyzed the opportunities for further optimization of existing storage resources through modified reservoir system operation, use of the Upper Snake Water Bank, and other possibilities. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Island Park, Idaho: transition from rhyolites of the Yellowstone Plateau to basalts of the Snake River Plain in Geological Society of American Centennial Field Guide Rocky Mountain Section | January-87 | Christiansen, R. L. (USGS), Embree, G.F. (Ricks College) | | |
| An Economic Study of the Potential for Water Markets in Idaho | December-86 | Norman Whittlesey/Washington State University, Joel Hamilton/University of Idaho, Philip Halverson/Washington State University, IWRRI | This study investigated the economic potential for water markets that would exchange water from irrigated agricultural to hydropower production in southern Idaho. | |
| The Henry's Fork. Winchester Press, Piscataway, New Jersey, 210 pp. | January-86 | Brooks, C. E. | | NF |
| Compilation of References on geology and hydrology of the Snake River drainage basin above Weiser, Idaho. Open File Report 86-245. USGS. | January-86 | Bassick, M.D. | | NF |
| Teton Dam Reconstruction | January-86 | Reclamation | Document outlines the Teton Project features, gives a 1981 review of resources and needs of the project area, notes the 1983 preliminary evaluations, and gives considerations. | |
| Evaluation of Methods for Estimation of Aquifer Recharge from Precipitation on Semi-Arid Lands | September-85 | University of Idaho, IWRRI, Johnson, Gary S., Brockway, Charles E., Coiner, Ann. | Applicable as it pertains to the Water Budget | |
| Ground-water Model Calibration for the Henry's Fork Recharge Area | March-85 | University of Idaho, IWRRI, Johnson, G.S., Brockway, C.E., Luttrell, S.P. | Project to calibrate the groundwater model of the Henry's Fork area (1980) to improve the accuracy. | |
| Water resource monitoring of Moose and Chick creeks. Targee National Forest. | January-85 | Moulton, M. | | NF |
| Estimating Consumptive Irrigation Requirements for Crops in Idaho | August-83 | University of Idaho, IWRRI, Allen, R.G., Brockway, C.E. | Presents methods for estimating consumptive use requirements. | |
| Proposed modification of Island Park Dam, stage 2. USBR, Boise. | January-83 | Reclamation | | NF |
| Seismotectonic study: Island Park Dam and Reservoir, Minidoka Project, Idaho-Wyoming | January-83 | Reclamation | | NF |
| Seismotectonic study: Jackson Lake Dam and Reservoir, Minidoka Project, Idaho-Wyoming | January-83 | Reclamation | | NF |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Preliminary Assessment of Ground Water Management Alternatives for Idaho | December-82 | University of Idaho, IWRRI, Ralston, Dale R., duPont, Suzie, Hampton, Kathleen | Study does not include area within the Henrys Fork Basin Study area. | NF |
| Late Cenozoic volcanism of the Island Park area, eastern Idaho. Pages 345-368 in B. Bonnichsen and R. M. Breckenridge, editors. Cenozoic Geology of Idaho. Bulletin 26, Idaho Bureau of Mines and Geology, Boise. | January-82 | Christiansen, R. L. | | NF |
| Snake River Basin Henrys Lake Dam Phase I Inspection Report, National Dam Safety Program, U.S. Army Corps of Engineers, Walla Walla, WA. | January-82 | IDWR | | NF |
| A Preliminary Appraisal of Offstream Reservoir Sites for Meeting Water Storage Requirements | February-81 | IWRRI, USACE | Preliminary appraisal of offstream reservoir sites in the Upper Snake River Basin. The most promising sites based on the study were Howell Ranch on Porcupine Creek (offstream supply from Falls River or Robinson Creek, 32K AF), Lane Lake (offstream supply from Bitch Creek or Conant Creek, 69K AF), Bitch Creek (offstream supply from Teton River, 149K AF), and Upper Badger Creek (offstream supply from Teton River, 49K AF) sites. Other sites include Conant Creek, Robinson Creek, Park Lake, Boone Creek, and Squirrel Creek. | |
| Review of Resources and Needs - Lower Teton Division Area - Idaho | January-81 | Reclamation | This report reviews the irrigation resources and needs of the Teton River basin following the Teton Dam failure. | |
| Development of a Groundwater Model for the Henry's Fork and Rigby Fan Area, Upper Snake River Basin, Idaho | August-80 | University of Idaho, IWRRI, Wytzes, Jetze, Brockway, Chuck | Presents finite difference model which simulates "historic" water table behavior. | |
| Legal, Financial, and Economic Analysis of a Water Supply Bank in Idaho (Research Technical Completion Report) | August-80 | University of Idaho, IWRRI, Hofmann, Catherine A., Wegman, Jerry, Damanpour, Faramarz | Study evaluates a water supply bank as a means to facilitate water transfers in an effort to transfer water from people with surplus to people with shortages. | |
| Methodology for Optimization of an Irrigation System with Storage Reservoirs | August-80 | University of Idaho, IWRRI, Khanjani, Mohammad Javad | Optimizing irrigation systems with temporary internal storage. | |
| Development of a Groundwater Model for the Henry's Fork and Rigby Fan Area, Upper Snake River Basin, Idaho. Ph.D. Dissertation, University of Idaho, Moscow. | January-80 | Wytzes, J. | Groundwater model of the Henrys Fork and Rigby Fan Area. | |
| Lower Teton Project Wildlife Mitigation Report: An evaluation of the recovery of wildlife populations and habitat within the Teton Reservoir pool area | January-80 | | | NF |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Low-head hydropower reconnaissance report: Snake River at Clear Lakes (RM (594), near Buhl, Idaho and Henry's Fork River near Ashton, Idaho. Report to US Army Corps of Engineers, Walla Walla, WA. | January-79 | CH2M HILL | | NF |
| Geologic Map of the Driggs Quadrangle | January-79 | Mitchell, V.E., Bennett, E.H. | 1:250,000 scale geologic map of Driggs 2 degree Quadrangle, Idaho Geological Survey | |
| Snake River basin Cooperative Study - Main Report - Upper Snake River Basin | January-79 | USDA | The plan of work identified four specific objectives to be studies: 1) enhance environmental quality; 2) reduce erosion and sedimentation; 3) improve irrigation water distribution and use; and 4) evaluate USDA opportunities to improve economic conditions. | |
| Legal, Financial, and Economic Analysis of a Water Supply Bank in Idaho: A Preliminary Report | September-78 | University of Idaho, Idaho Water, Damanpour, Faramarz, Hofmann, Catherine A. | Study evaluates a water supply bank as a means to facilitate water transfers in an effort to transfer water from people with surplus to people with shortages. See Final Report (1980). | |
| Water Resources of the Upper Henrys Fork Basin in Eastern Idaho | May-78 | IDWR, Whitehead, R.L., USGS | Report provides hydrologic information needed to assist in planning and development and management of land and water resources in the basin. Includes geology, groundwater, surface water, precipitation, and water quality data. | |
| Stream flow investigations Project F-69-R-3. Henry's Fork Fisheries Investigations Project F-66-R-2, Job VII. Idaho Department of Fish and Game, Boise, ID. | January-78 | Cochnauer, T., Buettner, E. | Minimum flow determinations for Henry's Lake Outlet, Buffalo River, Warm River, Fall River, Teton River, and Bitch Creek | NF |
| Stream Flow Investigations, Project F-69-R-3, Job II. Idaho Department of Fish and Game, Boise, Idaho, 88 pp. | January-78 | Cochnauer, T., Buettner, E. | | NF |
| Drilling data from Sugar City exploration well, Madison County, Idaho. Open File Report 78-1095, USGS. | January-78 | Embree, G.F., Lovell, M.D., Doherty, D.J. | | NF |
| The flood in southeastern Idaho from the Teton Dam failure of June 5, 1976 with a section on ground water fluctuations and on quality of surface and ground water. Open File Report 77-765, USGS, Boise. | January-78 | Ray, H.A., Kjelstrom, L.C., Crosthwaite, E.G., Low, W.H. | | NF |
| Geology and Geothermal Resources of the Rexburg Area, Eastern Idaho | January-78 | Prostka, H.J. (USGS), Embree, G.F. (USGS) | A brief description of major Cenozoic geologic features of the Rexburg area and a discussion of their geothermal significance. | |
| Fish and Wildlife Resource Losses - Teton Dam Failure | January-78 | USFWS, Reclamation | | NF |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Water Management and Groundwater in the Henry's Fork - Upper Snake River Basin of Idaho | June-77 | University of Idaho, IWRRI, Brockway, C.E., Grover, Kenneth P. | Study to evaluate the hydrological relationship between the perched and regional groundwater tables, river reach-gain and irrigation water management. Includes crop data and irrigable area data, geology, groundwater, river gains, water budget, and groundwater modeling. | |
| Groundwater Studies - Henry's Fork, Teton River area, Fremont and Madison counties, Idaho. USBR, Boise. | January-77 | Reclamation | | NF |
| The State Water Plan - Part Two | December-76 | IWRB | Numerous high level water resources data. Potential reservoir sites that may be in the Henrys Fork Basin Study area include Warm River (140K AF) and Driggs (50K AF); no location map. | |
| Report to US Department of the Interior and State of Idaho on Failure of the Teton Dam. | January-76 | Independent Panel to Review Cause of Teton Dam Failure | | NF |
| Predicting Attainable Irrigation Efficiencies in the Upper Snake River Region | May-75 | University of Idaho, IWRRI, Claiborn, Brent A. | Upper Sub-Area is within Henrys Fork Basin Study Area | |
| St. Anthony Pilot Recharge Project 1970-1974 | February-75 | IDWR, Anderson, Keith T. | Documents the work accomplished on the pilot project for groundwater recharge of the Snake Plain Aquifer, study findings, legal problems encountered, seepage rates, effects on regional and local groundwater levels and some environmental effects. Same area as Egin Lakes Recharge Project (Fall 2008). | |
| Surficial geologic map of the Warm River Butte quadrangle, Yellowstone National Park and adjoining area, Idaho and Wyoming. Miscellaneous Geological Investigations Map I-645. USGS, Reston. | January-73 | Richmond, G.M. | | NF |
| Groundwater investigations of the Rexburg bench- second phase, lower Teton division, Teton Basin project. USBR, Boise, ID. | January-72 | Haskett, G.I. | Private development of the Rexburg Bench resulted in increased groundwater pumping to meet water demands. Reclamation conducted investigations of the groundwater supplies and found no indication that the present annual withdrawal of 40,000 acre-feet was approaching the recharge volume. | |
| FES 71-7 Final Environmental Impact Statement - Lower Teton Division - Teton Basin Project, Idaho | January-71 | Reclamation | This environmental statement is for the first phase of construction of an earthfill dam, combined power and pumping plant, pipelines, canals, and wells. | |
| Ground-water aspects of the lower Henry's Fork region, eastern Idaho. Water Supply Paper 1879-C. USGS | January-70 | Crosthwaite, E.G., Mundorff, M.J., Walker, E.H. | | NF |
| Soil Survey - Teton Area, Idaho-Wyoming | January-69 | USDA | Reference describes the soils and soil properties for the Teton area in Idaho and Wyoming. | |

| TITLE | DATE | AUTHOR(S) | DESCRIPTION (ESPECIALLY AS IT PERTAINS TO HENRYS FORK BASIN STUDY) | Reference Not Found (NF)[1] |
|---|---|---|---|---|
| Replacement ground-water supply- first phase, lower Teton division, Teton Basin project. USBR, Boise, ID. | January-68 | Ham, H.H. | | NF |
| Ground Water in the Upper part of the Teton Valley, Teton Counties, Idaho and Wyoming. U.S. Geological Survey Water Supply Paper 1789. U.S. Government Printing Office, Washington, D.C. | January-64 | Kilburn, C. | | NF |
| Feasibility of Artificial Recharge in the Snake River Basin, Idaho | July-62 | USGS, Mundorff, M.J., Reclamation | Three areas studied, Roberts-Plano area (extends westward from the Egin Bench in the vicinity of Plano to the vicinity of Roberts) within Henrys Fork Basin Study area. Includes historical hydrology data and map of geologic features relating to recharge feasibility. Presents recharge experiments conducted in 1961 (Egin Lakes and TW-12) details and results. | |
| Teton Basin Project, Lower Teton Division, Idaho | January-62 | Reclamation | Special report outlining the existing conditions, the features of the project, cost/benefits justifications, and economic feasibility of the project. | |
| Snake Plain Recharge Project - Idaho - Special Report | January-62 | Reclamation | The report outlines a reconnaissance-grade investigation of the Snake Plain Recharge Project, Idaho. | |
| Teton Basin Project - Wyoming, Reconnaissance Report | January-61 | Reclamation | Findings of the reconnaissance investigation of the Teton Basin Project. Plans for the multipurpose Fremont Dam and Reservoir and the Upper Division (Driggs Dam and a possible groundwater pumping) was studied. | |
| Upper Snake River Basin, Wyoming-Idaho-Utah-Nevada-Oregon, Volume I | January-61 | Reclamation, USACE | The investigation identified future development possibilities which, from and engineering an physical viewpoint, appeared to make the most reasonable comprehensive use of land and water resources in the area. Includes a description of the Alta Project. | |
| Upper Snake River Basin, Wyoming-Idaho-Utah-Nevada-Oregon, Volume 4, Part 1 - Plans, Studies, and Data - Headwaters to King Hill | January-61 | Reclamation, USACE | Information concerning all the projects described in Volume 1 is presented in further detail in this volume (service area function, hydrology, geology, project descriptions, construction aspects, design and cost estimates, water supply, power production, flood control regulations, irrigation features, etc.) | |
| Geology and hydrology of the Rexburg area, Idaho. USGS. | January-60 | Crosthwaite, E.G. | | NF |
| | | | | |

[1]Some references were not found. It is expected that many of these resources are available through the Henry's Fork Foundation library at the Henry's Fork Watershed Center in Ashton, Idaho. It was noted that although the library is extensive, many of the documents are not readily available and a thorough review of the database would require a visit to the library in person.