

SECTION 11

REFERENCES CITED

- 64 Federal Register 164 (25 August 1999) pp. 46541-46558. Endangered and Threatened Wildlife and Plants; Final Rule To Remove the American Peregrine Falcon From the Federal List of Endangered and Threatened Wildlife, and To Remove the Similarity of Appearance Provision for Free-Flying Peregrines in the Conterminous United States. United States Department of Interior, Fish and Wildlife Service.
- Adams, P.B., C.B. Grimes, S.T. Lindley, and M.L. Moser. 2002. Status review for North American green sturgeon, *Acipenser medirostris*. National Marine Fisheries Service, Southwest Fisheries Science Center and Northwest Fisheries Science Center. Santa Cruz, California and Seattle, Washington.
- Adler, L. 1980. Adjustment of the Yuba River to the influx of hydraulic mining debris, 1849-1979. M.S. thesis. University of California, Los Angeles. Los Angeles, California.
- Alpers, C.N., M.P. Hunerlach, J.T. May, and R.L. Hothem. 2005. Mercury contamination, methylation, and bioaccumulation associated with historical gold mining, Sierra Nevada, California. Abstract.
- American Whitewater (AW). 2009. National Whitewater Inventory, state summary for California. Available online: <<http://www.americanwhitewater.org/content/River/state-summary/state/CA/>>. Accessed on June 5, 2009. American Whitewater, Cullowhee, North Carolina.
- Aspen Environmental Group. 2000. Pacific Gas and Electric Company's application for authorization to divest its hydroelectric generating facilities and related assets. Application 99-09053. Draft Environmental Impact Report. November 2000. Prepared for California Public Utilities Commission.
- Azimi-Gaylon, S. Senior Environmental Scientist TMDL Program, Division of Water Quality, State Water Resources Control Board. Email communication with C. Loy, HDR|DTA. August 7, 2010
- Bacher, D. 2002. Fuller and Rucker Lakes, Two Completely Different High Sierra Fisheries. Available online: <<http://www.fishsniffer.com/dbacher/090502ruck.html>> September 5, 2002.
- Barnhart, R. A. 1991. Steelhead *Oncorhynchus mykiss*. Eds. J. Stolz and J. Schnell. The Wildlife Series: Trout. Stackpole Books, Harrisburg, Pennsylvania. pp. 324-336.
- Bay-Delta Conservation Plan (BDCP) Steering Committee. 2010. Draft BDCP. Available online: <<http://bdcweb.com/Home.aspx>> August 26, 2010.
- Beak Consultants, Inc. 1989. Yuba River Fisheries Investigation, 1986-1988 Summary Report of Technical Studies on the Lower Yuba River, California. Summary Report of Technical Studies on the Lower Yuba River, California. Prepared California Department of Fish and Game. Sacramento, CA.

- Beale, R.L. 1933. *Ethnology of the Nisenan*. University of California Press, Berkeley, California.
- Beamesderfer, R., M. A. H. Webb. 2002. Green Sturgeon Status Review Information. Report by S. P. Cramer and Associates to State Water Contractors, Sacramento, CA.
- Beamesderfer, R., M.L. Simpson, G. J. Kopp 2007. Use of Life History Information in a Population Model for Sacramento Green Sturgeon. *Environmental Biology of Fishes* 79:315-337. DOI 10.1007/s10641-006-9145-x.
- Beamesderfer, R., M. Simpson, G. Kopp, J. Inman, A. Fuller, and D. Demko. 2004. Historical and Current Information on Green Sturgeon Occurrence in the Sacramento and San Joaquin Rivers and Tributaries. S.P. Cramer & Associates, Inc. 44 p.
- Beard, J.S. and H.W. Day. 1987. The Smartville intrusive complex, Sierra Nevada, California: The core of a rifted volcanic arc. *GSA Bulletin*, v. 99, p. 779-791.
- Beck, T.W. 1985. Habitat suitability index model for great gray owl. USDA Forest Service, Stanislaus National Forest. Sonora, CA. Draft publication. 15 pp.
- Beedy, E.C., and P. Bussard. 2002a. Nevada County Natural Resources Report: A Scientific Assessment of Watersheds and Ecosystems. Nevada County Planning Department. Nevada City, California. Available online: <http://yubanet.com/nrr/index.html>.
- Beedy, E.C. and P. Bussard. 2002b. Nevada County Natural Resources Report. Chapter III: Results. Available online <http://www.yubanet.com/nrr/chapter3_1.html>
- Behnke, R.J. 1992. Native trout of western North America. American Fisheries Society Monograph 6. Bethesda, Maryland.
- Bennett, J.H. 1983. Geodetic surveys on the Foothills Fault System near Smartville, Yuba County. *California Geology* 36:51-53 as cited in: James, L.A. 1988. Historical transport and storage of hydraulic mining sediment in the Bear River, California. Ph.D. Dissertation. University of Wisconsin, Madison. Madison, Wisconsin. pp. 1-285.
- Benson, R. L., S. Turo, and B. W. J. McCovey. 2007. Migration and Movement Patterns of Green Sturgeon (*Acipenser medirostris*) in the Klamath and Trinity Rivers, California, USA. *Environmental Biology of Fishes* 79: 269-279.
- Biosystems Analysis, Inc. 1989. Endangered Species Alert Program Manual: Species Accounts and Procedures. Southern California Edison Environmental Affairs Division.
- Birds of North America (BNA). 2006.
http://bna.birds.cornell.edu/BNA/account/Peregrine_Falcon.html.
- Bisson, P., J. Nielsen, and J. Ward. 1988. Summer production of Coho salmon stocked in Mount St. Helens streams from three to six years post-eruption. *Proc. and Western Division. American Fisheries Society (AFS)*. Albuquerque, New Mexico. pp. 348-370.
- Bisson, P.A., J.L. Nielsen, R.A. Palmason, and L.E. Gore. 1982. A system of naming habitat types in small streams, with examples of habitat utilization by salmonids during low streamflow. In *Acquisition and Utilization of Aquatic Habitat Information*. N.B. Armantrout (ed). American Fisheries Society (AFS), Western Division. Portland, Oregon. pp. 62-73.

- Block, W.M. and M.L. Morrison. 1990. Wildlife diversity of the central Sierra foothills. *California Agriculture*. 44:19-23.
- Bloom, P. H. 1980. The status of Swainson's hawks in California. Federal Aid in Wildlife Restoration Project W-54(R12). California Department of Fish and Game. pp. 42.
- Bolster, B.C., editor. 1998. Terrestrial Mammal Species of Special Concern in California. Draft Final Report prepared by P.V. Brylski, P.W. Collins, E.D. Pierson, W.E. Rainey and T.E. Kucera. Report submitted to California Department of Fish and Game Wildlife Management Division, Nongame Bird and Mammal Conservation Program for Contract No.FG3146WM.
- Boyd, R. 1996. Ant-mediated seed dispersal of the rare chaparral shrub *Fremontodendron decumbens* (Sterculiaceae). *Madrona* 43:299-315.
- Brown and May. 2000. Fish Community Structure in Relation to Environmental Variables Within the Sacramento River Basin and Implications for the Greater Central Valley, California.
- Brown, C. B. 1943. Discussion of sedimentation in reservoirs. *Proceedings of the American Society of Civil Engineers* 69: 1493-1500.
- Brown, K. 2007. Evidence of Spawning by Green Sturgeon, *Acipenser medirostris*, in the Upper Sacramento River, California. *Environ Biol Fish* 79:297–303. DOI 10.1007/s10641-006-9085-5.
- Brown, L. R., and P. B. Moyle. 1993. Distribution, Ecology, and Status of the Fishes of the San Joaquin River Drainage, California. Published in *California Fish and Game: Conservation of Wildlife Through Education*, Volume 79, summer 1993, Number 3, Page 96.
- Brune, G. M. 1953. Trap efficiency of reservoirs. *Transactions of the American Geophysical Union* 34: 407-418.
- Busby, P.J., T.C. Wainwright, and G.J. Bryant. 1996. Status review of West Coast steelhead from Washington, Idaho, Oregon, and California. Department of Commerce, NOAA Technical Memorandum, NMFS-Northwest Fisheries Science Center (NWFSC) 27:261.
- Bustard, D. R., and D. W. Narver. 1975. Aspects of the winter ecology of juvenile Coho salmon and steelhead trout. *Journal of the Fisheries Resource Board Canada* 32:667-680.
- CALFED. 2000. Final Programmatic EIS/EIR for CALFED Bay-Delta Program.
- CALFED and Yuba County Water Agency (YCWA). 2005. Draft Implementation Plan from Lower Yuba River Anadromous Fish Habitat Restoration: Multi-Agency Plan to Direct Near-Term Implementation of Prioritized Restoration and Enhancement Actions and Studies to Achieve Long-Term Ecosystem and Watershed Management Goals. Prepared by Lower Yuba River Fisheries Technical Working Group. October 2005.
- California Academy of Sciences (CAS). 2009. Herpetology records. Available online: <<http://www.calacademy.org/research/herpetology/catalog/Index.asp>> Accessed on May 4, 2009.

- California Advisory Committee on Salmon and Steelhead Trout. 1988. Restoring the balance: 1988 annual report. Sausalito, California. 84 pp. Available online: <<http://www.fishlib.org/Documents/Subbasins/CACSST.pdf>>.
- California Creeks. 2009. Whitewater Boating Web Guide. <<http://cacreeks.com>> Accessed on June 2, 2009.
- California Department of Agriculture (CDFA). 2009. Pest Ratings of Noxious Weed Species and Noxious Weed Seed. Accessed December 7, 2009. Available online: http://www.cdca.ca.gov/phpps/ipc/weedinfo/winfo_pestrating_2009.pdf.
- California Department of Conservation (CDOC). 2003. Abandoned mine lands assessment of the North Yuba Watershed. Prepared for the CALFED. Sacramento, California. Prepared by the Abandoned Lands Mines Unit, Office of Mine Reclamation, Department of Conservation. California Department of Fish and Game (CDFG) et al. 1988.
- California Department of Finance (CDOF). 2008. E-1 Population Estimates for Cities, Counties and the State with Annual Percent Change – January 1, 2007 and 2008. State of California. Sacramento, CA.
- California Department of Fish and Game (CDFG). 2010a. Biogeographic Data Branch. California Natural Diversity Database. State & Federally Listed Endangered & Threatened Animals of California. January 2010. Available online: <http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/TEAnimals.pdf>
- _____. 2010b. Nongame Wildlife Program. Fully Protected Animals. Available online: http://www.dfg.ca.gov/wildlife/nongame/t_e_spp/fully_pro.html
- _____. 2009a. List of Special Animals (901 taxa). CDFG Biogeographic Data Branch, California Natural Diversity Database (CNDDDB), Sacramento, California. March. <<http://www.dfg.ca.gov/wildlife/nongame/list.html>> Accessed in April 2009.
- _____. 2009b. California Natural Diversity Database (CNDDDB): A Program that Inventories the Status and Locations of Rare Plants and Animals in California/ State of California Resources Agency, Department of Fish and Game, Sacramento, California. February 2009. <<http://www.dfg.ca.gov/wildlife/nongame/list.html>> Accessed in April 2009.
- _____. 2009c. Fish Hatcheries – Fish Hatchery List. CDFG Fisheries Branch, Sacramento, CA. <<http://www.dfg.ca.gov/fish/Hatcheries/HatList.asp>> Accessed April 2009.
- _____. 2009d. California Wildlife Habitat Relationships (CWHR), life history accounts and range maps – CWHR version 8.2. Sacramento California. Available online: <http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx>. Biogeographic Data Branch.
- _____. 2009e. Biogeographic Data Branch. California Natural Diversity Database (CNDDDB). Version 3.1.0. and/or RareFind 4 Dated 2010. Accessed multiple dates in 2009 and 2010.
- _____. 2009f. Biogeographic Data Branch, CWHR, Life History Accounts and Range Maps – CWHR. Sacramento CA.
- _____. 2009g. Special Vascular Plants, Bryophytes, and Lichens List. April 2009.

- _____. 2008a. Review of present steelhead monitoring programs in the California Central Valley. Central Valley Steelhead Monitoring Plan, Agreement No. P0685619, May 2008. Sacramento, California. Prepared by C. Eilers, Pacific States Marine Fisheries Commission.
- _____. 2008b. Fish stocking program will continue following court order - News Release November 21, 2008. Available online: <<http://www.dfg.ca.gov/news/news08/08131.html>>. Accessed in April 2009. California Department of Fish and Game Fisheries Branch. Sacramento, California.
- _____. 2008c. Fish hatcheries – fish stocking (planting) plan 11-24-2008 through 1-1-2010. Available online: <<http://www.dfg.ca.gov/news/stocking/>>. California Department of Fish and Game Fisheries Branch. Sacramento, California. Accessed in April 2009.
- _____. 2008d. Lower Yuba River Chinook salmon escapement survey, 2007-2008. 16 pp. Sacramento, California.
- _____. 2008e. California Bird Species of Special Concern. <http://dfg.ca.gov/wildlife/nongame/ssc/docs/Table1_FIN.pdf>
- _____. 2008f. 2008 California Deer Kill Report. California Department of Fish and Game, wildlife Programs Branch, Deer Management Program. Sacramento CA.
- _____. 2007a. California On-line Fishing Guide. <<http://www.dfg.ca.gov/fishingpassport/guide.html>>
- _____. 2007b. CDFG Fish Stocking Records for the Bullards Bar Reservoir, Englebright Reservoir, South Fork Yuba and Bear River 1950-2007. California Department of Fish and Game. Unpublished internal records.
- _____. 2006. Special draw for Yuba River fishing access, March 23, 2006. Rancho Cordova, California. Available online: <<http://www.dfg.ca.gov/news/news06/06032.html>> Accessed on June 16, 2009.
- _____. 2005. The Status of Rare, Threatened, and Endangered Animals and Plants of California 2000-2004.
- _____. 2002a. Sacramento River Spring-run Chinook Salmon. 2001 Annual Report Prepared for the Fish and Game Commission. Habitat Conservation Division, Native Anadromous Fish and Watershed Branch. October 2002.
- _____. 2002b. California Department of Fish and Game Comments to NMFS Regarding Green Sturgeon Listing. California Department of Fish and Game. 79 pp (Plus Appendices).
- _____. 2000. The status of rare, threatened, and endangered animals and plants of California 2000. Sacramento, California.
- _____. 1999. Juvenile Spring-Run Chinook Salmon Emergence, Bearing and Outmigration Patterns in Deer and Mill Creeks, Tehama County, for the 1997 Brood Year.
- _____. 1998. A status review of the spring-run Chinook salmon (*Oncorhynchus tshawytscha*) in the Sacramento River Drainage. Candidate Species Status Report 98(01). CDFG. Sacramento, California

- _____. 1996a. Steelhead Restoration and Management Plan for California. Prepared by D. McEwan and T. Jackson. Inland Fisheries Division, Sacramento, CA.
- _____. 1996b. Spring-run Chinook salmon status review. Sacramento, California.
- _____. 1993. Restoring Central Valley streams: A plan for action. Available online: <<http://www.dfg.ca.gov/nafwb/pubs/1993/RCVS.pdf>>. November 1993. California Department of Fish and Game. Sacramento, California. 129 pp.
- _____. 1991. Lower Yuba River Fisheries Management Plan. California Department of Fish and Game. Stream Evaluation Report No. 91-1. February 1991. Sacramento, California.
- _____. 1990a. Central Valley salmon and steelhead restoration and enhancement plan. Available online: <http://www.krisweb.com/biblio/ccv_cdfg_reynoldsetal_1990_restoration.pdf>. Sacramento, California. April 1990. 115 pp.
- _____. 1990b. 1989 annual report on the status of California's state listed threatened and endangered plants and animals. California Department of Fish and Game. [Insert publication city, state. 188 pp.
- _____. 1989. A Summary of CDFG Fish Planting in the Bullards Bar Reservoir 1980 – 1989. California Department of Fish and Game. Unpublished internal report.
- _____. 1986. D3 Deer Telemetry Study Preliminary Report.
- _____. 1984. Yuba River Steelhead Run During Winter of 1976-77. Technical Memorandum, prepared by R. Rogers, CDFG Region 2, Rancho Cordova, California.
- _____. 1970. A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1970. California Department of Fish and Game. Unpublished internal memo.
- _____. 1974. A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1959 – 1974. California Department of Fish and Game. Unpublished internal memo.
- _____. 1963. A summary of CDFG fish survey results for the Bullards Bar Reservoir 1963. Unpublished internal report. Sacramento, California.
- California Department of Parks and Recreation (CDPR). 2009a. California Outdoor Recreation Plan 2008. Sacramento, California.
- _____. 2009b. Survey on Public Opinions and Attitudes on Outdoor Recreation in California 2009. Sacramento, California.
- _____. 2002. California Recreational Trails Plan: Phase I. Prepared by CDPR. Sacramento, CA. June 2002.
- _____. 1998. Public Opinions and Attitudes on Outdoor Recreation in California. California State Parks. March 1998. <http://www.parks.ca.gov/pages/1008/files/ccorpp97.pdf>
- _____. 1994. California Outdoor Recreation Plan (SCORP). Sacramento, California. April.
- California Department of Transportation (CalTrans). 2003. USFWS GIS metadata. <http://www.dot.ca.gov/hq/tsip/gis/datalibrary/metadata/vernal_pool.shp.xml>

- California Department of Water Resources (CDWR). 2009. Fish passage improvement – Upper Yuba River studies program home page. Available online: <http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm>> Accessed in May 2009.
- _____. 2008. Upper Yuba River Watershed Chinook salmon and steelhead habitat assessment. Technical Report, Prepared by the Upper Yuba River Studies Program Study Team for CDWR, November 2007.
- _____. 2007. Mercury Contamination in Fish from Northern California. Lakes and Reservoirs. Department of Water Resources. Northern District. July 2007
- _____. 2006a. Upper Yuba River Studies Program. Upper Yuba watershed chinook salmon and steelhead habitat assessment. Prepared by the Upper Yuba River Studies Program Study Team.
- _____. 2006b. Draft Englebright Lake creel survey. Technical Report, Prepared by the Upper Yuba River Studies Program Study Team for CDWR, June 2006.
- _____. 2005. California Water Plan Update 2005. Department of Water Resources Bulletin 160-05.
- _____. 2004a. Draft Report SP-G1: Effects of Project Operations on Geomorphic Processes Downstream of Oroville Dam. Oroville Facilities Relicensing FERC Project No. 2100. State of California Department of Water Resources. April 2004.
- _____. 2004b. Project Effects on Water Quality Designated Beneficial Uses for Surface Waters. Study Plan W1. Oroville Facilities Relicensing. FERC License P-2100. State of California. The Resources Agency. Draft Final Report. September. Available from: http://www.water.ca.gov/orovillereicensing/wg-reports_EWG.cfm
- _____. 2000. Final programmatic environmental impact statement/environmental impact report for the CALFED Bay-Delta Program. Sacramento, California. July 2000. CD Rom, including associated plans. http://www.calwater.ca.gov/calfed/library/Archive_EIS.html
- _____. 1999. Yuba Goldfields Fish Barrier Project, Preliminary Engineering Report. General information about Yuba Goldfields area, history, and lower Yuba River information. Central District. http://www.delta.dfg.ca.gov/afrp/documents/YubaGold_all.pdf
- _____. 1994. California Water Plan Update. Bulletin 160-93. Sacramento, California. October 1994. Two volumes and Executive Summary
- _____. 1983. The California water plan: projected use and available water supplies to 2010. Bulletin 160-83. Sacramento, California. December 1983. 268 pp. and attachments.
- California Department of Water Resources (CDWR) and the Bureau of Reclamation. 1999. Biological Assessment: Effects of the Central Valley Project and State Water Project Operations From October 1998 Through March 2000 on Steelhead and Spring-Run Chinook Salmon.

- California Department of Water Resources (CDWR) and the United States Army Corps of Engineers (USACE). 2003. Stakeholder review draft - Daguerre Point Dam fish passage improvement project, 2002 fisheries studies - analysis of potential benefits to salmon and steelhead from improved fish passage at Daguerre Point Dam. Prepared by ENTRIX, Inc., Sacramento, California and Jud Munroe, San Rafael, California, for the California Department of Water Resources and the United States Army Corps of Engineers. Available online: <<http://www.watershedrestoration.water.ca.gov/fishpassage/docs/Daguerre/Fisheries%20Study-Stakeholder%20Draft%203-7-03.pdf>> Accessed on July 8, 2009.
- California Employment Development Department (EDD). 2010. Quarterly Census for Employment and Wages, Annual 2005, Sierra County. <http://www.labormarketinfor.edd.ca.gov/qcew/CEW_NAICS.asp> Accessed June 2010.
- _____. 2005. LMI for Yuba County. California. <<http://www.calmis.ca.gov/htmlfile/county/yuba.htm>> Accessed May 2009.
- California Invasive Plant Council (Cal-IPC). 2006. California invasive plant inventory. Cal-IPC Publication 2006-02. California Invasive Plant Council: Berkeley, California. Available online: <<http://www.cal-ipc.org/ip/inventory/weedlist.php>>.
- California Native Plant Society (CNPS). 2010. Inventory of Rare and Endangered Plants (online edition, v7-09b). California Native Plant Society. Sacramento, CA. Accessed on June 11, 2010. Available online: <http://www.cnps.org/inventory>.
- California –The Resources Agency. 1989. Department of Parks and Recreation. 1983. Recreation needs in Californai. Sacramento, California. March 1983.
- California Wetlands Information System (CWIS). 1998. Defining wetlands. Available online: <http://ceres.ca.gov/wetlands/introduction/defining_wetlands.html> Accessed on June 23, 2009. California Resources Agency, <insert city, state>.
- Campos C. and D. Massa. 2010. Lower Yuba River Accord Monitoring and Evaluation Plan: Annual Rotary Screw Trapping Report October 1, 2007 –September 30, 2008. Prepared for the Lower Yuba River Accord Planning Team. September 13, 2010.
- Campos, Casey. PSMFC. 2009 pers comm.
- Cech, J. J., S. I. Dorshov, G. P. Moberg, B. P. May, R. G. Schaffter, D. M. Kohlhorst. 2000. Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed (Phase 1). Final Report to Calfed Bay-Delta Program (Project 98-C-15, Contract B-81738).
- Central Valley Fish Hatchery. 1959. A Survey of the Fish Population of Bullards Bar reservoir, Yuba County, 1959. Unpublished internal report.
- Central Valley Regional Water Quality Control Board (CVRWQCB). 2009. Clean Water Act Sections 305(b) and 303(d) Integrated Report of the Central Valley Region. Draft Final Staff Report. May. URL: www.swrcb.ca.gov/centralvalley/water_issues/tmdl/impaired_waters_list/303d_list.shtml

- _____. 2002. Amendment to the water quality control plan for the Sacramento River and San Joaquin Basins for bacteria. Staff report and functional equivalent document. Final Report. R5-2002-0150. September 2002. Sacramento, California. Central Valley Regional Water Quality Control Board (CVRWQCB). 2010. Clean Water Act Sections 305(b) and 303(d) Integrated Report for the Central Valley Region. Public Review Draft. January 2009.
http://www.swrcb.ca.gov/centralvalley/water_issues/tmdl/impaired_waters_list/303d_list.shtml
- _____. 2001. Final Staff Report On Recommended Changes To California's Clean Water Act Section 303(d) List. Available in Appendix H of Final 2008 Update to the 303(d) List and 303(d)/305(b) Integrated Report for the Central Valley Region
http://www.swrcb.ca.gov/rwqcb5/water_issues/tmdl/impaired_waters_list/303d_list.shtml
- _____. 1998. Basin Plan. Fourth Edition, The Sacramento River Basin and the San Joaquin River Basin. State of California Regional Water Quality Control Board, Central Valley Region. Revised in October 2007 with the Approved Amendments. Sacramento, California.
- Childs, J., N. Snyder, and M. Hampton. 2003. Bathymetric and geophysical surveys of Englebright Lake, Yuba-Nevada Counties, California. US Geologic Survey Open-File Report (03)383.
- Christensen Associates Inc. 2007. New Bullards Bar Dam Rockslide Downstream of Right Abutment. Report on Investigation. Report prepared for YCWA (FERC Project No. 2246).
- Chu, L., A. Wehrmann, B. Hammock, H. Calanchini, P. Grof-Tisza, M. Turner, M. Johnson, 2008. Bacteria monitoring inventory of California's freshwater beaches. Prepared for the State Water Resources Control Board's (SWRCB)'s Surface Water Ambient Monitoring Program (SWAMP) Aquatic Ecosystems Analysis Laboratory Center for Watershed Sciences, John Muir Institute of the Environment, University of California, Davis. Final Report. March 31, 2008 www.swrcb.ca.gov
- Churchill, M.A. ed. 1948. Discussion of analyses and use of reservoir sedimentation data, by L. C. Gottschalk. In proceedings of the Federal Interagency Sedimentation Conference, Denver, Colorado. US Geological Survey. Washington D. C. pp. 139-40.
- Clark, William. 1970. Gold districts of California. California Division of Mines and Geology Bulletin No. 193, Sacramento, California.
- Cohen, J., R. Darling, G. Dichter, L. Dobrovolny, P. Esmon, L. Garfield, N. Greenberg, and C. McGee. 2001. South Yuba River Enterococci studies. Prepared for South Yuba River Citizens League. October 2001. pp. 18.
- Cook, Sherburne F. 1955. Epidemic of 1830-1833 in California and Oregon. University of California Publication in American Archaeology and Ethnology. 43(3). University of California Press. Berkeley, California.

- _____. 1943. The Conflict between the California Indian and White Civilization, II: The Physical and Demographic Reaction of the Non-mission Indians in Colonial and Provincial California.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. US Fish & Wildlife Service Publication. Fish and Wildlife Service (FWS), Office of Biological Services (OBS). Washington, D.C. 79(31)
- Curtis, J.A. and L.E. Flint. 2003. Development of a hillslope erosion potential index for sediment transport in the Yuba River Basin. Geological Society of America Abstracts with Programs, Vol. 35, No. 6, September 2003, p. 433.
- Curtis, J.A., L.E. Flint, and C.A. Alpers. 2004. Sediment transport in the upper Yuba River watershed, 2001-2003. Third Biennial CALFED Bay-Delta Program, Sacramento, Calif., October 4-6, 2004, Science Conference Abstracts, p. 48.
- Curtis, J.A., L.E. Flint, C.N. Alpers, S.A. Wright. 2006. Evaluating sediment sources, erosion, and transport processes in the Upper Yuba River Watershed. Joint 8th Federal Interagency Sedimentation Conference Extended Abstracts. Reno, NV Apr 2-6, 2006.
- Curtis, J.A., L.E. Flint, C.N. Alpers, and S.M. Yarnell. 2005a. Conceptual model of sediment processes in the upper Yuba River watershed, Sierra Nevada, CA. Geomorphology. 68 (2005): 149-166.
- Curtis, J.A., L.E. Flint, C.N. Alpers, S.A. Wright, and N.P. Snyder. 2005b. Use of Sediment Rating Curves and Optical Backscatter Data to Transport in the Upper Yuba River Watershed, California, 2001-03, US Geological Survey Scientific Investigations Report 2005-5246. 84 pp.
- Davis, Jay A., Ben K. Greenfield, Gary Ichikawa, Mark Stephenson. 2008. Mercury in sport fish from the Sacramento-San Joaquin Delta region, California, USA. Science of the Total Environment. 391: 66-75
- Davis J.A., J.L. Grenier, A.R. Melwani, S.N. Bezalel, E.M. Letteney, E. J. Zhang and M. Odaya. 2007. Bioaccumulation of pollutants in California waters: a review of historic data and assessment of impacts on fishing and aquatic life. San Francisco Estuary Institute. October 24, 2007. www.sfei.org
- Day, H.E., E.M. Moores, and A.C. Tuminas. 1985. Structure and tectonics of the northern Sierra Nevada. GSA Bulletin, V.96, p. 436-450.
- Day, H.W., and M.E. Bickford. 2004. Tectonic setting of the Jurassic Smartville and Slate Creek complexes, northern Sierra Nevada, California. GSA Bulletin, v. 116; no. 11/12; p. 1515-1528.
- DeBecker, S. and A. Sweet. 1988. Crosswalk between wildlife habitat relationships (WHR) and California vegetation classifications. Pages 21-39 in: K.E. Mayer, and W.F. Laudenslayer, (Eds). 1988. A guide to wildlife habitats of California. State of California, The Resources Agency, Department of Forestry and Fire Protection, Sacramento, California.

- Delta Vision Blue Ribbon Task Force. 2008. Delta Vision Strategic Plan. Available online: <<http://deltavision.ca.gov/index.shtml>> October 2008.
- Delta Vision Committee. 2008. Delta Vision Committee Implementation Report. Available online: <<http://deltavision.ca.gov/index.shtml>> December 31, 2008.
- Deng, X., J.P. Van Eenennaam, and S.I. Doroshov. 2002. Comparison of Early Life Stages and Growth of Green and White Sturgeon. American Fisheries Society Symposium 28:237-248.
- Diggles, M.F., J.R. Rytuba, B.C.Moring, C.T. Wrucke, D.P. Cox, S. Ludington, R.P. Ashley, W.J. Pickthorn, C.T. Hillman, R.J. Miller. 1996. Geology and minerals issues. Sierra Nevada ecosystem project: final report to Congress Vol. II. Assessments and scientific basis for management options. University of California at Davis, Centers for Water and Wildland Resources. Davis, California.
- Dixon, K. L., R. E. Dixon, and J. E. Dixon. 1957. Natural history of the white-tailed kite in San Diego County, California. Condor 59:156-165.
- Dixon, R. B. 1905. The Northern Maidu. Bulletin of the American Museum of Natural History XVII(III): 119-346.
- EA Engineering, Science, and Technology. 2000. Slate Creek monitoring data interim report. Prepared for Oroville-Wyandotte Irrigation District, Oroville, California. September.
- EBASCO Services, Inc. and Envirosphere Company. 1986. Cleanup and abatement plan for sediment sluiced from Our House Reservoir. Interim Technical Report prepared for Yuba County Water Agency October 30, 1986.
- ECORP Consulting, Inc. 2005. Draft results of the 2004 (Year 1) amphibian monitoring program for foothill yellow-legged frog and mountain yellow-legged frog. El Dorado Hydroelectric Project (FERC Project No. 184). Report to El Dorado Irrigation District. May 18, 2005.
- EDAW Flood Control Study Team (EDAW). 2006. Draft Environmental Impact Report for the Feather River Levee Repair Project, an element of the Yuba-Feather Supplemental Flood Control Project. State Clearinghouse No. 2006062071.
- Eilers, C. D. 2008. Review of Present Steelhead Monitoring Programs in the California Central Valley. Prepared by C. Eilers, Pacific States Marine Fisheries Commission, Sacramento, CA, for CDFG, Central Valley Steelhead Monitoring Plan, Agreement No. P0685619, May 2008.
- Emerald Cove Marina. 2009. Bullards Bar Recreation Area. <<http://www.bullardsbar.com>> Accessed on June 9, 2009.

- ENTRIX and J. Munroe. 2003. Stakeholder Review Draft - Daguerre Point Dam Fish Passage Improvement Project, 2002 Fisheries Studies - Analysis of Potential Benefits to Salmon and Steelhead from Improved Fish Passage at Daguerre Point Dam. Prepared by ENTRIX, Inc, Sacramento California and Jud Munroe, San Rafael, California, for the California Department of Water Resources and the United States Army Corps of Engineers.
<<http://www.watershedrestoration.water.ca.gov/fishpassage/docs/Daguerre/Fisheries%20Study-Stakeholder%20Draft%203-7-03.pdf>> Accessed July 8, 2009.
- Eriksen, C. H. and D. Belk. 1999. Fairy shrimps of California's puddles, pools, and playas. Mad River Press, Eureka, California.
- Erman, N. A. 1997. Status of Invertebrates. Status of the Sierra Nevada – The Sierra Nevada Ecosystem Project, Volume II Chapter 35: 987-1008. Don C. Erman, General Editor, and the SNEP Team. US Geological Survey Digital Data Series DDS-43.
- Evens, J. G., 1991. Distribution, relative abundance and status of the California black rail in western North America. Condor 93:952-966.
- Evens, J. and G. W. Page. 1986. Predation on black rails during high tides in salt marshes. Condor 88:107-109.
- Everest, et al. 1986. Abundance, behavior, and habitat utilization by coho salmon and steelhead trout in Fish Creek, Oregon, as influenced by habitat enhancement. US Forest Service annual report to Bonneville Power Administration. 1986.
- Everest, F.H., and D.W. Chapman. 1972. Habitat selection and spatial interaction by juvenile chinook salmon and steelhead trout in two Idaho streams. Journal Fisheries Research Board of Canada 29:91-100.
- Federal Energy Regulatory Commission (FERC). 2010. FERC's Revised List of Comprehensive Plans, dated July 2010, can be found at FERC's eLibrary (<http://www.ferc.gov/industries/hydropower/gen-info/licensing/complan.pdf>)
- Federal Energy Regulatory Commission (FERC). 2009. Final Environmental Impact Statement (FEIS) for Relicensing of the South Feather Power (Project No. 2088-068). Office of Energy Projects.
<<http://www.ferc.gov/industries/hydropower/enviro/eis/2009/06-04-09.asp>> Accessed in June 2009.
- _____. 2004. Final Environmental Impact Statement (FEIS): Pit 3, 4, 5 Hydroelectric Project (FERC No. 233-081) California. June 2004. Washington, D.C.
- Fisher, F. W. 1992. Chinook Salmon (*Oncorhynchus Tshawytscha*) Growth and Occurrence in the Sacramento-San Joaquin River System. Inland Fisheries Division, CDFG.
- FishSniffer. 2009. Web Site blog regarding decline in Koanokee populations in New Bullards Bar Reservoir. <<http://www.fishsniffer.com/cgi-bin/forumsyabb/YaBB.pl?num=1242831705/22>> Accessed in June 2009.

- Flint, L.E., J.R. Guay, A.L. Flight, J.A. Curtis, and C.N. Alpers. 2004. Spatially Distributed Model of Flow and Sediment Transport in the Upper Yuba River Watershed. Abstract for 2004 CALFED Science Meeting.
- Fontaine, B. 1988. Biological evaluation of fish habitat improvement projects. In: A Training in Stream Habitat Rehabilitation. Oregon American Fisheries Society, Portland, OR.
- Fraser, W.A., and Howard, J.K. 2002. Guidelines for use of the consequence-hazard matrix and selection of ground motion parameters. Prepared for the State of California, Division of Safety of Dams, Department of Water Resources. October 2002. Sacramento, California.
- French. 1974. Letter to California Department of Fish and Game. California Department of Fish and Game files.
- Frost, D.R., T. Grant, J.N. Faivovich, R.H. Bain, A. Haas, C.F.B. Haddad, R.O. De Sá, A. Channing, M. Wilkinson, S.C. Donnellan, C.J. Raxworthy, J.A. Campbell, B.L. Blotto, P. Moler, R.C. Drewes, R.A. Nussbaum, J.D. Lynch, D.M. Green, and W.C. Wheeler. 2006. The amphibian tree of life. *Bulletin of the American Museum of Natural History* 297:1-370.
- Frost, B., 2009. Associate Director of the Research Extension Center, University of California, Davis, 2009. Pers. Comm. Telephone communication with Philip Horning, HDR|DTA. April 23, 2009.
- Gaines, D.A. 1977. The valley riparian forests of California: their importance to bird populations. in Ann Sands (ed.) *Riparian forests in California: their ecology and conservation*. University of California, Davis, California. Institute of Ecology Publication 15:57-85.
- Gaines, D. 1974. Review of the status of the yellow-billed cuckoo in California: Sacramento Valley populations. *Condor* 76:204-209.
- Gallagher, S.P. 1996. Seasonal occurrence and habitat characteristics of some vernal pool branchiopoda in northern California, U.S.A. *Journal of Crustacean Biology* 16: pp. 323-329.
- Garcia and Associates (GANDA). 2001. Final Report: Benthic Macroinvertebrates Fordyce Creek Nevada County, California. December 10, 2001. San Anselmo, CA. Prepared for Pacific Gas and Electric Company, San Ramon, CA.
- Gard, M. F. Ph.D. 2008a. Flow-habitat relationships for juvenile spring/fall-run Chinook salmon and steelhead/rainbow trout rearing in the Yuba River. Draft report prepared by the Energy Planning and Instream Flow Branch of the U.S. Fish and Wildlife Service, Sacramento, CA, dated August 12, 2008.
- _____. 2008b. Sensitivity analysis for flow-habitat relationships for steelhead/rainbow trout spawning in the Yuba River. Draft report prepared by the Energy Planning and Instream Flow Branch of the U.S. Fish and Wildlife Service, Sacramento, CA, dated October 17, 2008.
- _____. 2007. Flow-habitat relationships for spring and fall-run Chinook salmon and steelhead/rainbow trout spawning in the Yuba River. Draft report prepared by the Energy Planning and Instream Flow Branch of the USFWS, Sacramento, CA. April 19, 2007.

- _____. 1994. Biotic and abiotic factors affecting native stream fishes in the South Yuba River, Nevada County, California. University of California, Davis. Davis, California.
- Garrett, K., and J. Dunn. 1981. Birds of Southern California. Los Angeles Audubon Society. Los Angeles, California. 408 pp.
- Gast et. al. 2005. Middle and South Yuba rainbow trout (*Onchorhynchus mykiss*) distribution and abundance dive counts August 2004. Included as Appendix G of California Department of Water Resources 2006.
- Geomatrix. 2004. Review of Potential Seismic Sources and Potential Ground Motions New Bullards Bar Dam (CA No. 1034; FERC No. 22~). Prepared for Yuba County Water Agency, Project #9467.
- Good, T.P., R.S. Waples, and P. Adams (eds). 2005. Updated status of federally listed Evolutionary Significant Units (ESUs) of West Coast salmon and steelhead. Prepared for the US Department of Commerce, National Oceanic and Atmospheric Administration (NOAA). Technical Memorandum. NMFS-NWFSC66. 598 pp.
- Grover, A. and B. Kormos. (undated). The 2007 Central Valley Chinook Age Specific Run Size Estimates. Scale Aging Program, California Department of Fish and Game 475 Aviation Blvd, Suite 130 Santa Rosa, CA 95403
- Greene, C. 1995. Habitat requirements of great gray owls in the central Sierra Nevada. M.S. thesis. University of Michigan. Ann Arbor, Michigan. 94 pp.
- Grenier, J.L., A. Melwani, J. Hunt, S. Bezalel, J. Davis, G. Ichikawa, B. Jakl, W. Heim, A. Bonnema and M. Gassel. 2007. California Bay-Delta Authority Fish Mercury Project: Year 1 Annual Report Sport Fish Sampling and Analysis. San Francisco Estuary Institute, Oakland, CA. CBDA Project # ERP 02D-P67 May.
- Grinnell, J., J. S. Dixon, and J.M. Linsdale. 1937. Fur-bearing mammals of California. 2 Volumes. University of California Press. Berkeley, California.. 777 pp.
- Grinnell, J., and A. H. Miller. 1944. The distribution of the birds of California. Pacific Coast Avifauna No. 27. 608 pp.
- Groot, C. and L. Margolis. 1991. Pacific Salmon Life Histories.
- Gudde, E.G. 1975. California gold camps. University of California Press. Berkeley, California, Los Angeles, California and London, England.
- Hallock, R. J. 1989. Upper Sacramento River steelhead, *Oncorhynchus mykiss*, 1952-1988. Prepared for the US Fish and Wildlife Service, Red Bluff, California, 86 pp.
- Hartman, G. F. 1965. The role of behavior in the ecology and interaction of underyearling coho salmon (*Oncorhynchus kisutch*) and steelhead trout (*Salmo gairdneri*). Journal Fisheries Research Board of Canada 20:1035-1081.
- Haskins, D. M., C. S. Correll, R. A. Foster, J. M. Chatoian, J. M. Fincher, S. Strenger, J.E. Keys, J. R. Maxwell, and T. King. 1998. A geomorphic classification system. US Department of Agriculture, Forest Service, Geomorphology Working Group, Washington.

- Hayes, M.P. and M.R. Jennings. 1988. Habitat correlates of distribution of the California red-legged frog. (*Rana aurora draytonii*) and the foothill yellow-legged frog (*Rana boylei*): Implications for management. Pages 144-158 In: R.C. Szaro, K.E. Severson, and D.R. Patton (technical coordinators), Proceedings of the symposium on the management of amphibians, reptiles, and small mammals in North America. United States Department of Agriculture, Forest Service, General Technical Report (RM-166):1-458.
- Hayward, G.D. 1994. Review of technical knowledge: boreal owls. In G.D. Hayward and J. Verner, (Eds.) Flammulated, boreal, and great gray owls in the United States: a technical conservation assessment. USDA Forest Service. General Technical. Report RM-253. Fort Collins, Colorado.. pp. 92-127.
- Heizer, R.F. 1972. The eighteen unratified treaties of 1851-1852 between the California Indians and the United States Government. Berkeley, University of California Archaeological Research Facility. Berkeley, California.
- Heizer, Robert F., and Albert B. Elsasser. 1953. Some Archaeological Sites and Cultures of the Central Sierra Nevada. University of California Archaeological Survey Reports. 21:1-42. Berkeley, CA.
- Helm, B. P. 1998. Biogeography of eight large branchiopods endemic to California. pp. 124-139. In C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren Jr. and R. Ornduff, (Eds.) Ecology, conservation, and management of vernal pool ecosystems--Proceedings from a 1996 Conference. Prepared for the California Native Plant Society, Sacramento, California.
- Henry, C. D. and Perkins, M. E. 2001. Sierra Nevada-Basin and range transition near Reno, Nevada: two stage development at 12 and 3 Ma. *Geology*, 29 (8):719-722, as cited in Pacific Gas and Electric (PG&E), Piedmont Geosciences, Inc. 2003.
- Herbst, D.B., E.L. Silldorff, and S.D. Cooper. 2003. The influence of introduced trout on native aquatic invertebrate communities in a paired watershed study of high Sierran streams. University of California Water Resources Center. Final Technical Completion Report. Berkeley, California
- Heublein, J.C. 2006. Migration of Green Sturgeon *Acipenser medirostris* in the Sacramento River. Master of Science Thesis. California State University, San Francisco. October 2006. 63 pages.
- Heublein, J.C., J. T. Kelly, C. E. Crocker, A. P. Klimley, and S. T. Lindley. 2009. Migration of Green Sturgeon, *Acipenser medirostris*, in the Sacramento River. *Environ Biol Fish* (2009) 84:245–258. DOI 10.1007/s10641-008-9432-9.
- Hill, D. (Ed.). 1969. Collection of Maidu Indian Folklore of Northern California. Chico, California.
- Hiscox, J.I. District Fishery Biologist, Region 2, California Department of Fish & Game (CDFG). Personal Communication May 14, 2007.
- _____. 1986-1993 CDFG lake surveys. Unpublished internal reports. Sacramento, California.

- Holbek, L. and C. Stanley. 1998. The best whitewater in California: the guide to 180 runs. Third Edition. Watershed Books. Coloma, California.
- Holland, D.C. 1991. A synopsis of the ecology and status of the western pond turtle (*Clemmys marmorata*) in 1991. Prepared for USFWS, National Ecology Research Center, San Simeon Field Station. 141 pp. plus Appendices.
- Holland, R. F. 1998. Great Valley vernal pool distribution, photo revised 1996. Pages 71-75 in: C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren Jr. and R. Ornduff, editors. Ecology, conservation, and management of vernal pool ecosystems--Proceedings from a 1996 Conference. California Native Plant Society, Sacramento, California.
- Holliday, J.S. 1981. The World Rushed In: The California Gold Rush Experience, An Eyewitness Account of a Nation Heading West. Simon and Schuster, New York.
- Hoover, M. B., H. E. Rensch, E. G. Rensch, and W. N. Abeloe. 1990. Historic spots in California. Stanford University Press. Palo Alto, California as cited in EDAW 2006.
- Hughes, J.M. 1999. Yellow-billed Cuckoo (*coccyzus americanus*). In A. Poole and F. Gill, editors, The Birds of North America, No. 418. The Birds of North America, Inc., Philadelphia, PA. 28 pp.
- Hull, Kathleen L. 2007. The Sierra Nevada: Archaeology in the Range of Light. In California Prehistory: Colonization, Culture, and Complexity, edited by Terry L. Jones and Kathryn A. Klar. AltaMira Press, Lanham, MD. pp. 177-190.
- Hull, Kathleen L., and Michael J. Moratto. 1999 Archeological Synthesis and Research Design, Yosemite National Park, California, with contributions by Helen McCarthy, C. Kristina Roper, W. Geoffrey Spaulding, Mark R. Hale, and Elena Nilsson. INFOTEC Research, Inc., Fresno, California, and Dames & Moore, Chico, California. Yosemite Research Center Publications in Anthropology No. 21. US Department of the Interior, National Park Service, Yosemite National Park, California.
- Humphreys, Stephen E. 1969. The Archaeology of New Bullards Bar. Central California Archaeological Foundation. Prepared for the National Park Service.
- Humple, D. and G. R. Geupel. 2004. Song Sparrow (*Melospiza melodia*). In The riparian bird conservation plan: a strategy for reversing the decline of riparian-associated birds in California. Available online: <http://www.prbo.org/calpif/htmldocs/riparian_v-2.html>.
- Hunerlach, M.P., J.J. Rytuba and C.N. Alpers. 1999. Mercury contamination from hydraulic placer-gold mining in the Dutch Flat mining district, California. In Morganwalp, D.W., and H.T. Buxton (Eds). US Geological Survey Toxic Substances Hydrology Program -- Proceedings of the Technical Meeting, Charleston, South Carolina, March 8-12, 1999, US Geological Survey Water-Resources Investigations Report 99(4018B):179-189.
- Israel, J. 2006. North American green sturgeon population characterization and abundance of the Southern DPS. Presentation to NOAA NMFS on April 4, 2006.

- Jackson, R. J., with T. L. Jackson, C. Miksicek, K. Roper, and D. Simons. 1994. Framework for Archaeological Research and Management on the National Forests of the North-Central Sierra Nevada. Prepared for the USDA Forest Service, Eldorado National Forest. Eldorado Forest.
- Jackson, Turrentine W., Rand Hebert, and Stephen Wee. 1982. Tahoe National Forest: History of the Tahoe National Forest: 1840-1940. United States Department of Agriculture. Tahoe National Forest Report No. 15.
- James, L.A. 2003. Glacial erosion and geomorphology in the northwest Sierra Nevada, CA. *Geomorphology* 55 (1-4):283-303.
- _____. 1991. Quartz concentration as an index of sediment mixing: hydraulic mine-tailings in the Sierra Nevada, California. *Geomorphology* 4:125-144.
- _____. 1988. Historical transport and storage of hydraulic mining sediment in the Bear River, California. Ph.D dissertation. University of Wisconsin, Madison. Madison, Wisconsin. pp 1-285.
- James, L.A, J. Harbor, D. Fabel, D. Dahms, and D. Elmore. 2002. Late Pleistocene glaciations in the Northwestern Sierra Nevada, California. *Quaternary Research* 57:409-419.
- James, L.A, and Jerry D. Davis. 1994. Glaciation and hydraulic gold-mining sediment in the Bear and South Yuba Rivers, Sierra Nevada: field trip guide, April 1-3, 1994.
- Jennings, Mark R. and M.P. Hayes. 1994. Amphibian and Reptile Species of Special Concern in California. Prepared for California Department of Fish and Game.
- Jennings, M.R. 1996. Status of amphibians. In *Sierra Nevada Ecosystem Project: Final report to Congress, Volume II, Chapter 31*. University of California, Centers for Water and Wildlife Resources, Davis, CA.
- Jones & Stokes. 2008. Lower Yuba River Redd Dewatering and Fry Stranding Study 2008 Annual Report.
- _____. 2007. Lower Yuba River Redd Dewatering and Fry Stranding Study 2007 Annual Report.
- _____. 2006. 2003 Fall-run chinook salmon spawning escapement in the Yuba. Prepared for Yuba County Water Agency by Joe & Stokes Associates, Inc.
- _____. 2005. Lake Wildwood Wastewater Treatment Plant Improvement Project. Phase IIA Baseline Yuba River Technical Studies.
- _____. 2003, Lower Yuba River Redd Dewatering and Fry Stranding Monitoring and Evaluation Plan. November 2003.
- Jurek, R.M. 1988. Five-year status report. Bald Eagle. Unpublished Report. Sacramento, CA: California Department of Fish and Game, Wildlife Management Division.

- Keeley, J. E. and P. H. Zedler. 1998. Characterization and global distribution of vernal pools. pp. 1-14. In C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren Jr. and R. Ornduff (Eds.). Ecology, conservation, and management of vernal pool ecosystems - proceedings from a 1996 Conference, California Native Plant Society, Sacramento, California. 285 pp.
- Kelman, W.M. 1991. A revision of *Fremontodendron* (Sterculiaceae). Systematic Botany 163-20.
- Klimley, P., P. J. Allen, J. A. Israel and J.T. Kelly. 2007. The Green Sturgeon and its Environment: Past, Present, and Future. Environmental Biology of Fishes 79:3-4, 415-421
- Knapp R.A. and K.R. Matthews. 2000. Non-native fish introductions and the decline of the mountain yellow-legged frog (*Rana muscosa*) from within protected areas. Conservation Biology 14:428-438.
- Kondolf, G.M. 1995. Managing bedload sediment in regulated rivers: examples from California, USA. Natural and Anthropogenic Influences in Fluvial Geomorphology. Geophysical Monograph 89. American Geophysical Union. 239 pp.
- Kowta, M. 1988. The archaeology and prehistory of Plumas and Butte Counties, California: an introduction and interpretive model. North Central Information Center, Department of Anthropology, California State University, Sacramento. Sacramento, California.
- Kozlowski, J.F. 2004. Summer Distribution, Abundance, and Movements of Rainbow Trout (*Oncorhynchus mykiss*) and Other Fishes in the Lower Yuba River, California. Thesis. University of California, Davis.
- Kroeber, Alfred L. 1925. Handbook of the Indians of California. Bureau of American Ethnology Bulletin 78, Washington, D.C.
- Kyle, Douglas E. 1990. Historic Spots in California. Stanford: Stanford University Press.
- Kynard, B., E. Parker and T. Parker. 2005. Behavior of early life intervals of Klamath River green sturgeon, *Acipenser medirostris*, with a note on body color. Environmental Biology of Fishes 72:85-97.
- Larry Walker and Associates (LWA). 2000. Sacramento River Watershed Program monitoring report: 1998–1999. June 13. Available online: <<http://www.sacriver.org>>.
- Lindley, S.T., R.S. Lindley, S., R. Schick, E. Mora, P.B. Adams, J.J. Anderson, S. Greene, C. Hanson, B.P. May, D. McEwan, R.B. MacFarlane, C. Swanson, and J.G. Williams. 2007. Framework for assessing viability of threatened and endangered Chinook salmon and steelhead in the Sacramento-San Joaquin Basin. San Francisco Estuary and Watershed Science Volume 5: California Bay-Delta Authority Science Program and the John Muir Institute of the Environment.
- Lindley, S.T., R.S. Schick, A. Agrawal, M. Goslin, T. Pearson, E. Mora, J. Anderson, B. May, S. Greene, C. Hanson, A. Low, D. McEwan, R.B. MacFarlane, C. Swanson, and J. Williams. 2006. Historical population structure of Central Valley steelhead and its alteration by dams. San Francisco Estuary and Watershed Science 4(1): Article 3.

- Lindley, S.T., R.S. Schick, B.P. May, J.J. G.S. Anderson, C. Hanson, A. Low, D. McEwan, R.B. MacFarlane, C. Swanson, and J.G. Williams. 2004. Population structure of threatened and endangered Chinook salmon ESUs in California's Central Valley Basin.
- Lindstrom, S. G. 1993. Great Basin Fisherfolk: Optimal diet breadth modeling the Truckee River aboriginal subsistence fishery. Ph.D.diss., University of California, Davis.
- Loft, E.R. [Ed.] (1998). Report to the Fish and Game Commission: An assessment of mule and black-tailed deer habitats and populations in California, with special emphasis on public lands administered by the Bureau of Land Management and the United States Forest Service. p. 57. <http://www.dfg.ca.gov/wildlife/hunting/deer/habitatassessment.html>
- Ludington, S., B. C. Moring, R.J. Miller, K.S. Flynn, P.A. Stone and D.R. Bedford. 2005. Preliminary integrated databases for the United States - Western States: California, Nevada, Arizona, and Washington: US Geological Survey Open-File Report OFR 2005-1305, US Geological Survey, Reston, Virginia, USA.
- Markley, R., and G. Henton. 1985. Tahoe National Forest Cultural Resources.
- Massa, D. 2008. Lower Yuba River Chinook Salmon Escapement Survey: October 2007 – January 2008. California Department of Fish and Game Annual Report, North Central Region, Chico, CA.
- _____. 2007. Lower Yuba River Chinook Salmon Escapement Survey: September – December 2006. California Department of Fish and Game Annual Report, North Central Region, Chico, CA.
- _____. 2006. Lower Yuba River Chinook Salmon Escapement Survey: September – December 2005. California Department of Fish and Game Annual Report, North Central Region, Chico, CA.
- _____. 2005. Yuba River Juvenile Chinook Salmon, *Oncorhynchus tshawytscha*, and Juvenile Central Valley Steelhead Trout, *Oncorhynchus mykiss*, Life History Survey. Annual Data Report 2003-2004.
- _____. 2004. Yuba River Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*), and Juvenile Central Valley Steelhead Trout (*Oncorhynchus mykiss*), Life History Survey: Annual Data Report 2003-2004. California Department of Fish and Game Annual Report, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA.
- Massa, D. and C. McKibbin. 2005. Yuba River Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*), and Juvenile Central Valley Steelhead Trout (*Oncorhynchus mykiss*), Life History Survey: Annual Data Report 2004-2005. California Department of Fish and Game Annual Report, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA.
- Massa, D. and T. Schroyer. 2003. Central Valley Salmon and Steelhead Harvest Monitoring Project: 2002 Angler Survey. Sacramento Valley and Central Sierra Region, Rancho Cordova, CA, September 2003.

- Massa, D., J. Bergman, and R. Greathouse. 2010. Lower Yuba River Accord Monitoring and Evaluation Plan Annual VAKI Riverwatcher Report March 1, 2007 – February 29, 2008. Prepared by Pacific States Marine Fisheries Commission for the Yuba River Accord Planning Team. April 2010.
- Matthews, R. K., L.K. Vance, and I. Lacan. 2005. Draft report on the movement patterns and habitat use of *Rana muscosa* on the Plumas National Forest. November 18, 2005. Unpublished report for the USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center.
- May, J.T., R.L. Hothem, C.N. Alpers and M.A. Law. 2000. Mercury bioaccumulation in fish in a region affected by historic gold mining: The South Yuba River, Deer Creek, and Bear River Watersheds, California. US Geological Survey Open-File Report 00-367; 2000
- McEwan, Dennis. 2001. Central Valley steelhead. In R. Brown (Ed.) Contributions to the biology of Central Valley salmonids, California Fish and Game, Bulletin 179(1). Salmonid Symposium, Bodega Bay, California. October 22-24, 1997.
- McEwan D. and Jackson T. 1996. Steelhead restoration and management plan for California. February 1996.
- Meehan, W.R., and T.C. Bjornn. 1991. Salmonid distribution and life histories. In W.R. Meehan (Ed.). Influences of forest and rangeland management on salmonid fishes and their habitats. Bethesda, Maryland. American Fisheries Society Special Publication 19:47-82.
- Melwani, A. R., S. Bezalel, J.A. Hunt, J.L. Grenier, A.H. Robinson, and J. Davis. 2007. California Bay-Delta Authority Fish Mercury Project, Year 2 (2006) Annual Report. Sport Fish Sampling and Analysis. San Francisco Estuary Institute. www.sfei.org
- Merwin, R.W. 1968. Gold resources in the tertiary gravels of the California. US Bureau of Mines Technical Progress Report. Heavy Metals Program. N.3. 14 pp. as cited in: James, L.A. 1988. Historical transport and storage of hydraulic mining sediment in the Bear River, California. Ph.D. Dissertation. pp 1-285. University of Wisconsin, Madison. Madison, Wisconsin.
- Mills, T.J. and F. Fisher. 1994. Central Valley Anadromous Sport Fish Annual Run-size, Harvest, and Population Estimates, 1967 through 1991. California Department of Fish and Game.
- Mitchell, W.T. 2010. Age, Growth, and Life History of Steelhead Rainbow Trout (*Oncorhynchus mykiss*) in the Lower Yuba River, California. March 2010.
- Moir, H.J. and G.B. Pasternack. 2008. Interactions between meso-scale morphological units, stream hydraulics and Chinook salmon (*Oncorhynchus tshawytscha*) spawning habitat on the Lower Yuba River, California. *Geomorphology* 100:527–548.
- Montgomery, D.R. and J.M. Buffington. 1997. Channel reach morphology in mountain drainage basins. *Geological Society of America Bulletin* 109: 596-611.

- _____. 1993a. Channel classification, prediction of channel response, and assessment of channel condition. Report Timber Fish and Wildlife-SH10-93-002 prepared for the Timber/Fish/Wildlife Agreement SHAMW committee of Washington State University.
- _____. 1993b. Channel Classification Table. http://www.fgmorph.com/fg_4_11.php
- Moratto, Michael J. 2004. California Archaeology. Reprinted. Coyote Press, Salinas, CA. Originally published 1984, California Archaeology, Academic Press, San Francisco, CA.
- _____. 1984. California Archaeology. Academic Press, San Francisco, CA.
- Moyle, P.B. 2002. Inland Fishes of California. University of California Press, Berkeley and Los Angeles, California.
- _____. 1976. Inland Fishes of California. University of California Press.
- _____. 1973. Effects of introduced 1973: 18-22.
- Moyle, P.B. and R. A. Daniels. 1982. Fishes of the Pit River system and Surprise Valley region. Univ. Calif. Publ. Zool. 115: 1-82.
- Moyle, P.B., P. J. Randall, and R. Nichols, R. M. Yoshiyama, and R. A. Knapp. 1997. Status of Fish and Fisheries. Status of the Sierra Nevada – The Sierra Nevada Ecosystem Project, Volume II Chapter 33: 953 – 973. Don C. Erman, General Editor, and the SNEP Team. US Geological Survey Digital Data Series DDS-43.
- Moyle, P.B., J. J. Smith, R. A. Daniels, and D. M. Baltz. 1982. Distribution and ecology of stream fishes of the Sacramento-San Joaquin Drainage System, California: a review. Univ. Calif. Publ. Zool. 115:225-256.
- Moyle, P.B., J.A. Israel, S.E. Purdy. 2008. Salmon, Steelhead, and Trout in California: Status of and Emblematic Fauna, a Report Commissioned by California Trout. 2008. Center for Watershed Sciences, University of California Davis.
- Moyle, P.B., R. D. Baxter, T. Sommer, T. C. Foin, S. A. Matern. 2004. Biology and Population Dynamics of Sacramento Splittail (*Pogonichthys macrolepidotus*) in the San Francisco Estuary: A Review. San Francisco Estuary and Watershed Science 2:2 (May 2004), Article 3.
<<http://repositories.cdlib.org/cgi/viewcontent.cgi?article=1011&context=jmie/sfews>>
Accessed May 2009.
- Moyle, P.B., R. M. Yoshiyama and R.A. Knapp, R. A. 1996. Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, Assessments and scientific basis for management options. Davis: University of California, Centers for Water and Wildland Resources, 1996.
- Moyle, P.B., R.M. Yoshiyama, J. E. Williams, and E.D. Wikramanayake. 1995. Fish Species of Special Concern in California. Ed. 2. Department of Wildlife and Fisheries Biology. U.C. Davis, CA. Prepared for the State of California The Resources Agency, Department of Fish and Game, Inland Fisheries Division.
- Mulder, C. 2009. Personal communication with J. Lynch, HDR|DTA. November 10, 2009.
- Museum of Vertebrate Zoology (MVZ). 2009. Amphibiaweb. <http://www.amphibiaweb.org/>

- Myers, J.M., R.G. Kope, G.J. Bryant, D. Teel, L.J. Lierheimer, T.C. Wainwright, W.S. Grand, F.W. Waknitz, K. Neely, S.T. Lindley, and R.S. Waples. 1998. Status review of Chinook Salmon from Washington, Idaho, Oregon, and California. US Dept. Commerce NOAA Technical Memo, NMFS-NWFSC-35. <<http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm>> Accessed April 23, 2009.
- Nadeau, Remi. 1992. Ghost towns and mining camps of California: A history and guide. Crest Publishers, Santa Barbara, California.
- National Marine Fisheries Service (NMFS). 2009a. Draft Recovery Plan for the Evolutionarily Significant Units of Sacramento River Winter-run Chinook Salmon and Central Valley Spring-run Chinook Salmon, and the Distinct Population Segment of Central Valley Steelhead. National Marine Fisheries Service, Southwest Regional Office, Sacramento, California. October 2009.
- _____. 2009b. List of Species of Special Concern. National Oceanic and Atmospheric Administration (NOAA), NMFS, Office of Protected Resources, Silver Spring, MD. <<http://www.nmfs.noaa.gov/pr/species/concern/#list>> Accessed April 2009.
- _____. 2009c. Endangered and Threatened Wildlife and Plants: Final Rulemaking To Designate Critical Habitat for the Threatened Southern Distinct Population Segment of North American Green Sturgeon; Final Rule. URL = <http://www.nmfs.noaa.gov/pr/pdfs/fr/fr74-52300.pdf>.
- _____. 2009d. Biological Opinion and Conference Opinion on the Long-term Operations of the Central Valley Project and State Water Project.
- _____. 2009e. Draft Environmental Assessment for the Proposed Application of Protective Regulations Under Section 4(D) of the Endangered Species Act for the Threatened Southern Distinct Population Segment of North American Green Sturgeon. Prepared by the Department of Commerce National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Southwest Region. Long Beach, California. May 2009.
- _____. 2008a. Proposed Designation of Critical Habitat for the Southern Distinct Population Segment of North American Green Sturgeon, Draft Biological Report. September 2008.
- _____. 2008b. Designation of Critical Habitat for the Southern Distinct Population Segment of Green Sturgeon, Section 4(b)(2) Report. August 2008.
- _____. 2007. Biological Opinion on the Operation of Englebright and Daguerre Point Dams on the Yuba River, California, for a 1-Year Period. National Marine Fisheries Service, Southwest Region.
- _____. 2006. Endangered and Threatened Wildlife and Plants: Threatened Status for Southern Distinct Population Segment of North American Green Sturgeon. April 2006.
- _____. 2005a. Green Sturgeon (*Acipenser medirostris*) Status Review Update. February 2005.
- _____. 2005b. Biological Opinion for Amendment of Yuba River Development Project License.

- _____. 2004. Biological Opinion on the Long-Term Central Valley Project and State Water Project Operations Criteria and Plan. Prepared by National Marine Fisheries Service, Southwest Region.
- _____. 1999. Status review update for deferred ESUs of West Coast Chinook salmon (*Oncorhynchus tshawytscha*) from Washington, Oregon, California, and Idaho. Memorandum dated 16 July 1999 to U. Varanasi, Northwest Fisheries Science Center, and M. Tillman, Southwest Fisheries Science Center, from M. Schiewe, Northwest Fisheries Science Center, 2725 Montlake Blvd. E., Seattle, WA 98112.
- _____. 1998. Endangered and threatened species: Threatened status for two ESUs of steelhead in Washington, Oregon, and California. Federal Register [Docket No. 980225046-8060-02, 19 March 1998] 63(53):13347.
- _____. 1997. Status review update for West Coast steelhead from Washington, Idaho, Oregon, and California. Memorandum date 7 July 1997 from the Biological Review Team to the National Marine Fisheries Service Northwest Regional Office.
- _____. 1996. Factors For Steelhead Decline: A Supplement to the Notice of Determination for West Coast Steelhead Under the Endangered Species Act.
- NatureServe. 2009. NatureServe Explorer: An Online Encyclopedia of Life [web application]. Version 7.1. NatureServe, Arlington, Virginia. <<http://www.natureserve.org/explorer> > Accessed April 2009.
- Nevada County. 1996. Nevada County General Plan, Nevada County, CA.
- Nevada Irrigation District (NID) and Pacific Gas and Electric Company (PG&E). 2010a. Technical Memorandum 2.3.2 – Instream Flow. Prepared by NID and PG&E for the Relicensings of NID's Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E's Drum-Spaulding Project (FERC Project No. 2310).
- _____. 2010b. Technical Memorandum 2.1.1 – Channel Morphology. Prepared by NID and PG&E for the Relicensings of NID's Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E's Drum-Spaulding Project (FERC Project No. 2310).
- _____. 2010c. Technical Memorandum 2.2.4 – Hydrologic Alteration. Prepared by NID and PG&E for the Relicensings of NID's Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E's Drum-Spaulding Project (FERC Project No. 2310).
- _____. 2010d. Technical Memorandum 2.9.1 – Roads and Trails. Prepared by NID and PG&E for the Relicensings of NID's Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E's Drum-Spaulding Project (FERC Project No. 2310).
- _____. 2010e. Technical Memorandum 2.2.1 – Water Quality. Prepared by NID and PG&E for the Relicensings of NID's Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E's Drum-Spaulding Project (FERC Project No. 2310).
- _____. 2010f. Technical Memorandum 2.3.1 – Stream Fish Populations. Prepared by NID and PG&E for the Relicensings of NID's Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E's Drum-Spaulding Project (FERC Project No. 2310).

- _____. 2010g. Technical Memorandum 2.3.4 – Fish Passage. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010h. Technical Memorandum 2.3.12 – Reservoir Fish Populations. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010i. Technical Memorandum 2.3.10. Aquatic Macroinvertebrates. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010j. Technical Memorandum 2.3.6 – Special-Status Amphibians – Foothill Yellow-Legged Frog Surveys. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010k. Technical Memorandum 2.3.7 – Special-Status Amphibians – Foothill Yellow-Legged Frog Habitat Modeling. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010l. Technical Memorandum 2.3.9 – Special-Status Reptiles – Western Pond Turtle. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010m. Technical Memorandum 2.3.11 – Special-Status Mollusks. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010n. Technical Memorandum 2.5.1 – Special-Status Plants. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2010o. Technical Memorandum 2.7.3 – ESA-Listed Plants. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310) and PG&E’s Rollins Transmission Line Project (FERC Project No. 2784).
 - _____. 2009. Technical Memorandum 2.7.6 – CESA-Listed Plants. Prepared by NID and PG&E for the Relicensings of NID’s Yuba-Bear Hydroelectric Project (FERC Project No. 2266) and PG&E’s Drum-Spaulding Project (FERC Project No. 2310).
 - _____. 2008. Yuba-Bear Hydroelectric Project. FERC Project No. 2266. Pre-application document. April 2008.
- Office of Environmental Health Hazard Assessment (OEHHA). 2009. 2009 Update of California Sport Fish Advisories. California Environmental Protection Agency. March. 33pp. http://www.oehha.ca.gov/fish/so_cal/index.html

- _____. 2003. Draft Report and Health Advisory for Fish from Selected Water Bodies in the Bear River, South Yuba River, and Deer Creek Watersheds (Nevada, Placer, and Yuba Counties) a fact sheet by Office of Environmental Health Hazard Assessment - California Environmental Protection Agency. February
http://www.oehha.ca.gov/public_info/facts/fishfacts.html
- Pacific Gas and Electric Company (PG&E). 2008. Drum-Spaulding Project, FERC Project No. 2310, Pre-Application Document (PAD) – Section 7.3 Aquatic Resources, April 2008.
- _____. 1997. Yuba County Water Agency 1997 Storm Damage Our House Diversion Restoration of Channel Pool and Dam. SAP Order 8003636. DSR Number: 93058
- _____. 1992. Yuba County Water Agency Our House Dam Sediment Removal Project – 1992. Hydro Engineering and Construction Department.
- Page, W.E. and T.L. Sawyer. 2004. Overview of the late Cenozoic faulting in the Sierra Nevada Foothills (including a reassessment of faults near New Bullards Bar Dam). Appendix E within Geomatrix 2004. Review of Potential Seismic Sources and Potential Ground Motions New Bullards Bar Dam (CA No. 1034; FERC No. 22~). Prepared for Yuba County Water Agency, Project #9467.
- Painter, R. E., L. H. Wixom, and S. N. Taylor. 1977. An Evaluation of Fish Populations and Fisheries in the Post-Oroville Project Feather River.
- Parker, Patricia L., and Thomas F. King. 1998. Guidelines for Evaluating and Documenting Traditional Cultural Properties. Revised. National Register Bulletin 38. US Department of the Interior, National Park Service, National Register, History, and Education Division, Washington, D.C.
- Pasternack, G.B. 2008. Spawning Habitat Integrated Rehabilitation Approach (SHIRA)-Based River analysis and field-based manipulative sediment transport experiments to balance habitat and geomorphic goals on the lower Yuba River. UCD. Davis, California.
- Pasternack, G.B. and C. Eilers. 2009. Morphological unit and mesohabitat classification. In Press – for discussion purposes only – subject to revision: Appendix X, Procedures and protocols for morphological unit and mesohabitat classification. April 25, 2009.
- Petersen, K. 2004. Personal communication with K. Petersen, South Feather Water and Power Agency (SFWPA), Oroville, by Jay Stallman. August 3.
- Pister, E. P. 2001. Wilderness fish stocking: History and perspective. *Ecosystems*, Vol. 4 No. 4 (June, 2001), pp 279-286.
- Pittman, Ruth. 1995. *Roadside History of California*. Mountain Press Publishing Company, Missoula, MT.
- Platenkamp, G. A. 1998. Patterns of vernal pool biodiversity at Beale Air Force Base. Pages 151-160 in: C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren, Jr., and R. Ornduff, editors. *Ecology, conservation, and management of vernal pool ecosystems - proceedings from a 1996 conference*. California Native Plant Society, Sacramento, California. 285 pages.

- Pope, K.L., and K.R. Matthews. 2001. Movement ecology and seasonal distribution of mountain yellow-legged frogs, *Rana muscosa*, in a high-elevation Sierra Nevada basin. *Copeia* 2001:787-793.
- Raleigh, R. F., T. Hickman, R. C. Solomon, and P. C. Nelson. 1984. Habitat Suitability Information: Rainbow Trout. Department of Interior, US Fish and Wildlife Service, Washington, D. C. FWS/OBS-82/10.60.
- Randall, P. J. 1997. Distribution and ecology of fish and frogs in tributaries to the South Fork Yuba River. Masters thesis. Shields Library Microcopy Collection LD781.D5j 1997 R368 MASTERS.
- Rathbun, G. B., N. J. Scott, and T. G. Murphey. 2002. Terrestrial habitat use by Pacific pond turtles in a Mediterranean climate. *The Southwestern Naturalist* 47:225-235.
- Recuero, E., I. Martinez-Solano, G. Parra-Olea, and M. Garcia-Paris. 2006a. Phylogeography of *Pseudacris regilla* (Anura: Hylidae) in western North America, with a proposal for a new taxonomic rearrangement. *Molecular Phylogenetics and Evolution* 39 (2006):293-304.
- Recuero, E., I. Martinez-Solano, G. Parra-Olea, and M. Garcia-Paris. 2006b. Corrigendum to "Phylogeography of *Pseudacris regilla* (Anura: Hylidae) in western North America, with a proposal for a new taxonomic rearrangement" (*Molecular Phylogenetics and Evolution* 39 [2006] 293-304.) *Molecular Phylogenetics and Evolution* 41:511.
- Reese, D. A. and H.H. Welsh. 1997. Use of terrestrial habitat by western pond turtles, *Clemmys marmorata*: implications for management. pp. 352-357, In: *Proceedings: Conservation, Restoration, and Management of Tortoises and Turtles*. New York Turtle and Tortoise Society.
- Reese, D.A. Undated. Western pond turtle survey techniques. 12pp.
- Rhodes, Mel. 1983. Bullards Bar Reservoir, Yuba County. Letter from Mr. Rhodes to the sport fishing community regarding previous stocking efforts for Kokanee salmon in Bullards Bar reservoir.
- Richter, B.D., J.V. Baumgartner, J. Powell, and D.P. Braun. 1996. A method for assessing hydrologic alteration within ecosystems. *Conservation Biology* 10:1163-1174.
- Riddell, Francis A. 1978. Maidu and Konkow. In *California*, edited by Robert F. Heizer, pp. 370-386. *Handbook of North American Indians*, vol. 8, William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.
- Robertson, Scott. 2009. Emerald Cove Marina Manager. Personal communication with M. Paquette, HDR|DTA. September 9, 2009.
- Rose, T.L., N. A. Erman, and D. C. Erman. 1995. Impacts of the Bowman-Spaulding Canal on Four Sierran Streams: an Ecological and Geomorphological Evaluation. University of California, Davis. Department of Wildlife, Fish and Conservation Biology. USDA Forrest Service File Code 2610.

- Rosenthal, Jeffrey S. 2006. Volume Ia: Synthesis [Draft]. The Prehistory of the Sonora Region: Archaeological and Geoarchaeological Investigations for Stage I of the East Sonora Bypass Project, State Route 108, Tuolumne County, California. Far Western Anthropological Research Group, Inc. Davis, California.
- Rosgen, D.L. 1996. Applied River Morphology. Wildland Hydrology, Pagosa Springs, Colorado.
- Ruediger, R., and J. Ward. 1996. Abundance and function of large woody debris in central Sierra Nevada streams. FHR Currents, Fish Habitat Relationship Technical Bulletin No. 20. US Forest Service, Pacific Southwest Region, Arcata, California [Prepared by Stanislaus National Forest, Sonora, California].
- San Francisco Bay Regional Water Quality Control Board (SFRWQCB). 2006. Water Quality Control Plan for the San Francisco Bay Basin. December 2006. Available at <http://www.waterboards.ca.gov>.
- Saucedo, G.J. and D.L. Wagner. 1992. Geologic Map of the Chico Quadrangle. California Department of Conservation, Division of Mines and Geology.
- Sawyer, A.M., G.B. Pasternack, H.J. Moir, and A.A. Fulton. 2009. Riffle-pool maintenance and flow convergence routing observed on a large gravel-bed river. *Geomorphology* (2009), doi:10.1016/j.geomorph.2009.06.021.
- Schaffer, C. 2005. The Definitive Guide to Fishing Northern California. Shafdog Publications (www.fishingcalifornia.net).
- Schempf, P. F., and M. White. 1977. Status of six furbearer populations in the mountains of northern California. US Dep. Agric., For. Serv., San Francisco, Calif. 51pp.
- Schwartz, D.P., F.H. Swan, R.E. Harpster, T.H. Rogers, and D.E. Hitchcock. 1977. Surface faulting potential: Earthquake Evaluation Studies of the Auburn Dam Area, Volume 2. Report by Woodward-Clyde Consultants to the US Bureau of Reclamation, Denver; 135 p. plus appendices, as cited in Pacific Gas and Electric, Piedmont Geosciences, Inc. 2003
- Schweickert, R.A., N.L. Bogen, G.H. Birty, R.E. Hanson, and C. Merguerian. 1984. Timing and structural expression of the Nevadan Orogeny, Sierra Nevada, California. *GSA Bulletin* v. 95; no.8; p. 967-979.
- Seesholtz, A., B. Cavallo, J. Kindopp, R. Kurth, and M. Perrone. 2003. Lower Feather River Juvenile Communities: Distribution, Emigration Patterns, and Association With Environmental Variables. In *Early Life History of Fishes in the San Francisco Estuary and Watershed: Symposium and Proceedings Volume American Fisheries Society, Larval Fish Conference, August 20-23, 2003, Santa Cruz, California*.
- Seltenrich, C. and A. Pool. 2002. A standardized approach for habitat assessments and visual encounter surveys for the foothill yellow-legged frog (*Rana boylei*). Pacific Gas and Electric Company.
- Shaffer, H. B., G. M. Fellers, S. Randal Voss, J. C. Olive and G. B. Pauly. 2004. Species boundaries, phylogeography and conservation genetics of the red-legged frog (*Rana aurora/draytonii*) complex. *Molecular Ecology* 13: 2667-2677.

- Shapovalov, L., and A. C. Taft. 1954. The life histories of the steelhead Rainbow trout (*Salmo gairdneri gairdneri*) and silver salmon (*Oncorhynchus kisutch*) with special reference to Waddell Creek, California, and recommendations regarding their management. DFG Bulletin No. 98.
- Shilling, Fraser. Personal communication. 2003. Investigation of Periphyton as an Environmental Indicator for Delta Tributaries, 7 pp.
- Shipley, W.F. 1991. The Maidu Indian Myths and Stories of Hanc'ibijim". Heyday Books, Berkeley.
- Shipley, W.F. 1978. Native Languages of California. In Handbook of North American Indians, Vol. 8: California. edited by Robert F. Heizer, W.C. Sturtevant, General Editor. Smithsonian Institution, Washington, DC. pp. 78-90.
- Shipley, W.F. 1963. Maidu Texts and Dictionary. University of California Publications in Linguistics 33. University of California Press, Berkeley.
- Sierra County. 1996. Sierra County General Plan, Sierra County, CA.
- _____. 1977. Downieville Deer Herd Trapping Program – 1977. Sierra County Wildlife Conservation Element Study.
- Sierra Nevada Ecosystem Project (SNEP). 1997. Sierra Nevada Ecosystems. Status of the Sierra Nevada – The Sierra Nevada Ecosystem Project, Volume I Chapter 1:1-16. Don C. Erman, General Editor, and the SNEP Team. US Geological Survey Digital Data Series DDS-43.
- Slotton, D.O., S.M. Ayers, J.E. Reuter, and C.R Goldman. 1995. Gold mining impacts on food chain mercury in northwestern Sierra Nevada streams. Technical Completion Report for the University of California Water Resources Center, Project W-816, August 1995, 46 pp.
- Slotton, D.O., S.M. Ayers, J.E. Reuter, and C.R Goldman. 1997. Gold mining impacts on food chain mercury in northwestern Sierra Nevada streams: Appendix B. In Larry Walker Associates. 1997. Sacramento River watershed mercury control planning project: report for the Sacramento Regional County Sanitation District. 74 pp.
- Snowden, J. and Perkins, P. 1983. The Bucks Mountain/Mooretown Deer Herds Management Plan. Prepared for California Department of Fish and Game and United States Forest Service.
- Snyder, N.P., D.M. Rubin, C.N. Alpers, J.R. Childs, J.A. Curtis, L.E. Flint, and S.A. Wright. 2004. Estimating accumulation rates and physical properties of sediment behind a dam: Englebright Lake, Yuba River, northern California. Water Resources Research, Vol. 40: W11301, doi:10.1029/2004WR003279. 19 pp.
- South Feather Water and Power Agency (SFWPA). 2007. Application for a new license. Exhibit E. Geological Resources Chapter E11. South Feather Power Project. FERC Project No. 2088. March 2007.

- South Yuba River Citizens League (SYRCL). 2010. South Yuba River Citizen League web-sites. General information: www.yubariver.org. Yuba River Watershed Information System: www.yubashed.org
- _____. 2007. Yuba River Water Quality Monitoring. unpublished data.
- _____. 2006. State of the Yuba: An Assessment of the Yuba River Watershed. 55pp.
- State Water Resources Control Board (SWRCB). 2006. 2006 Clean Water Act Section 303(d) List of Water Quality Limited Segments. Approved by the SWRCB: June 28, 2007. <http://www.waterboards.ca.gov/water_issues/programs/tmdl/303d_lists2006_epa.shtml>
- _____. 2003. Revised Water Right Decision 1644 in the Matter of Fishery Resources and Water Right Issues of the Lower Yuba River.
- _____. 2002a. Enterococcus, E. coli, and Algae Data for South Yuba River.
- _____. 2002b. Water quality section table.
- _____. 1995a. Water quality control plan report. Sacramento, California. Nine volumes.
- Stewardship Council. 2007. Land Conservation Plan, Volume II: Yuba-Bear River Watershed - Narrows Planning Unit. Pp. YB-29 to YB-34.
- Storer, T.I. 1930. Notes on the range and life history of the Pacific fresh water turtle, *Clemmys marmorata*. Univ. California Publ. Zool. 32:429-441.
- Sugnet, P. 1993. Preliminary compilation of documented distribution, fairy shrimp and tadpole shrimp proposed for listing. Sugnet and Associates, Sacramento, California. 10 pages.
- Sumner, F.H. and Smith, O.R. 1939. A biological study of the effect of mining debris dams and hydraulic mining on fish life in the Yuba and American Rivers in California. Stanford University. In the J. Inst. Fish Mgmt (1940), 5, 49-52. 51 pp.
- Surpless, B.E., D.F. Stockli, T.A. Dumitru, E.L. Miller, and K.A. Farley. 2000. Post-15 Ma westward structural and thermal encroachment of Basin and Range type extension into the northern Sierra Nevada: GSA Abstracts with Programs, v.32, no. 7, p. A43, as cited in Pacific Gas and Electric, Piedmont Geosciences, Inc. 2003.
- Swales, S., R. B. Lauzier, and C. D. Levings. 1986. Winter habitat preferences of juvenile salmonids in two interior rivers in British Columbia. Canadian Journal of Zoology 64:1506-1514.
- SWRI. 2002. Implementation Plan for Lower Yuba River: Anadromous Fish Habitat Restoration (Draft - Unpublished Report).
- SWRI, JSA, and I. BE. 2000. Hearing Exhibit S-YCWA-19. Expert Testimony on Yuba River Fisheries Issues. Prepared for the California State Water Resources Control Board Water Rights Hearing on Lower Yuba River February 22-25 and March 6-9, 2000.
- Taylor, T. L., P. B. Moyle, and D. G. Price. 1982. Fishes of Clear Lake Basin. Univ. Calif. Publ. Zool. 115: 171-224.

- Taylor, W. P. 1954. Food habits and notes on life history of the ring-tailed cat in Texas. *J. Mammal.* 35:55-63.
- Terres, J.K. 1980. *The Audubon Society encyclopedia of North American birds.* Alfred A. Knopf Inc. New York, New York. p. 756.
- Thorp, R.A. 2000. *The Changing Identity of the Strawberry Valley Band of Maidu Indians.* M.A. Thesis, California State University, Chico, Chico, CA.
- Three Rivers Levee Improvement Authority (TRLIA). 2006. Draft Environmental Impact Report (EIR) for the Feather River Levee Repair Project, an element of the Yuba-Feather Supplemental Flood Control Project. State Clearinghouse No. 2006062071. Prepared by EDAW Flood Control Study Team. Available online: <<http://www.trlia.org/Feather%20River%20EIR.asp>>.
- Tierney, Marilyn. 2010. USFS, Tahoe National Forest (TNF). Pers. comm. with Tortosa, Justin of HDR.
- Tinker, K. and E.Wohl. 1998. A primer on bedrock channels. As cited in: rivers over rock: fluvial processes in bedrock channels. *Geophysical Monograph No. 107.* American Geophysical Union. 323 pp.
- Trapp, G. R. 1978. Comparative behavioral ecology of the ringtail and gray fox in southwestern Utah. *Carnivore* 1:3-32.
- United States Army Corps of Engineers (USACE). 2009. Construction Operations - Lakes and Parks, Northern Operations: Englebright Lake. Sacramento District. Sacramento, California. <<http://www.spk.usace.army.mil/organizations/cespk-co/lakes/englebright.html>> Accessed on June 16, 2009.
- _____. 1975. Harry L. Englebright Lake, Yuba River California 1975 Master Plan.
- _____. 1972. New Bullards Bar Reservoir: Report on Reservoir Regulation for Flood Control. Sacramento District, Sacramento, Calif.
- United States Census Bureau. 2010. Profile of General Demographic and Selected Social, Economic, and Housing Characteristics: 2010. US Bureau of the Census, Washington, D.C.
- _____. 2000. Tables DP-1 - DP-4. Profile of General Demographic and Selected Social, Economic, and Housing Characteristics: 2000. US Bureau of the Census, Washington, D.C.
- United States Department of Agriculture, Forest Service (USFS). 2010a. Sierra Nevada Forest Plan Amendment Draft Supplemental Environmental Impact Statement and Record of Decision. United States Department of Agriculture--Forest Service, Pacific Southwest Region. R5-MB-213. February.
- _____. 2010b. (when transferred from USFS). Tahoe National Forest Geomorphology. Adaptive Management Services En, USFS, Unpublished Material.

- _____. 2008. Sierra Nevada Forests (SNF) Bioregional Management Indicator Species (MIS) Monitoring Implementation Web Site. Department of Agriculture (USDA), Forest Service, Pacific Southwest Region, Vallejo, CA. <<http://www.fs.fed.us/r5/snfmisa/>> Accessed May 2009.
- _____. 2007. Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment. Department of Agriculture (USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.
- _____. 2004. Sierra Nevada Forest Plan Amendment Final Supplemental Environmental Impact Statement and Record of Decision. United States Department of Agriculture--Forest Service, Pacific Southwest Region. Available from: <http://www.fs.fed.us/r5/snfpa/>
- _____. 2004. Vegetation Classification: CALVEG Zones and Alliances-Vegetation Descriptions. Pacific Southwest Region, Remote Sensing Lab, Ecosystem Planning. Sacramento, CA. Available online: <http://www.fs.fed.us/r5/rsl/projects/classification/zone-map.shtml>.
- _____. 1991. Special Use Permit between the YCWA and the United States Forest Service. Camptonville, California. 7 pp. and appendices.
- _____. 1990. Tahoe National Forest Land and Resource Management Plan. USDA Forest Service, Pacific Southwest Region, San Francisco, CA.
- _____. 1988. Tahoe National Forest Land and Resource Management Plan. Department of Agriculture. Nevada City, California. Available at <http://www.fs.fed.us/r5/lbmu/publications/1988-forest-plan/> (Accessed: April 2009).
- _____. 1988. Plumas National Forest Land and Resource Management Plan, USDA Forest Service, Pacific Southwest Region, San Francisco, CA.
- _____. 1974. National Forest Landscape Management, Volume 2. Chapter 1, The Visual Management System. Agricultural Handbook Number 462.
- _____. 1968. Agreement between the Yuba County Water Agency and the United States Forest Service for the Administration, Operation, and Maintenance of Recreational Facilities on the Yuba River Development Project on the Tahoe and Plumas National Forests. Camptonville, California. 7 pp. and appendices.
- United States Department of Agriculture, Forest Service, Plumas National Forest (USFS-PNF). 2010a. Plumas National Forest Sensitive and Watchlist Plant Species.
- _____. 2010b. Plumas National Forest Weed Species List.
- _____. 2004. Plant Occurrence Discovery Record- *Fritillaria eastwoodiae*.
- _____. 2001. Plant Occurrence Discovery Record- *Cardamine pachystigma* var. *dissectifolia*.
- _____. 2000. Plant Occurrence Discovery Record- *Cardamine pachystigma* var. *dissectifolia*.
- _____. 1991. Plant Occurrence Discovery Record- *Fritillaria eastwoodiae*.
- United States Department of Agriculture, Forest Service, Tahoe National Forest (USFS-TNF). 2010a. Tahoe National Forest Sensitive Plants and Fungi.

- _____. 2010b. Tahoe National Forest Watchlist- Plants.
- _____. 2010c. Tahoe National Forest Weed List.
- _____. 2009a. 2009 Operating Agreement for the Bullards Bar Recreation Area between Yuba County Water Agency and Yuba River Ranger District (Tahoe and Plumas National Forests). Camptonville, California.
- _____. 2009b. TNF Wildlife species occurrence database.
- _____. 2009c. Tahoe national forest fishing - Downieville Ranger District. http://www.fs.fed.us/r5/tahoe/projects_plans/fisheries/fisheries-rivers-streams.shtml.
- _____. 2002. South Yuba Watershed Assessment. Nevada City Ranger District. Nevada City, California.
- United States Department of Agriculture, Forest Service and United States Department of the Interior, Bureau of Land Management (USFS and BLM). 1999. Record of Decision: Twenty-two Westside Rivers Wild and Scenic Study Report and Final Environmental Impact Statement. http://www.fs.fed.us/r5/tahoe/documents/library/99_westside_rivers_rod.pdf Accessed September 15, 2009.
- United States Department of Agriculture, Natural Resources Conservation Service (NRCS). 2009. California state-listed noxious weeds. Available online: <http://plants.usda.gov/java/noxious?rptType=State&statefips=06>.
- United States Department of Interior, Bureau of Land Management (BLM).
- _____. 2008. Sierra Resource Management Plan and Record of Decision, USDOJ Bureau of Land Management Folsom District, Folsom, CA.
- _____. 2007. Sierra resource management plan and environmental impact statement. Folsom Field Office. Folsom, California.
- _____. 2006. California-BLM Sensitive Animals. US Department of Interior, Bureau of Land Management, California, Wildlife & Fisheries. <http://www.blm.gov/ca/st/en/prog/wildlife.html> Accessed April 2009.
- United States Department of Interior, Geological Survey (USGS). 2009. National Water Information System: Web Interface. Online: <http://waterdata.usgs.gov/ca/nwis/inventory>. (Accessed June 2009).
- United States Department of the Interior, National Park Service (NPS). 2008. Rivers: Nationwide Rivers Inventory. National Center for Recreation and Conservation. <http://www.nps.gov/ncrc/programs/rtca/nri/> Accessed June 25, 2009.
- _____. 1982. The Nationwide Rivers Inventory (NRI). January 1982. US Department of the Interior. Washington, D.C.
- United States Environmental Protection Agency (EPA). 2009. STORET Legacy Data Center. Online: <http://www.epa.gov/storpubl/legacy/gateway.htm>. (Accessed June 2009).

- _____. 2003. Bacterial water quality standards for recreational waters (freshwater and marine waters). Office of Water Report No. EPA-823-R-03-008. June. <<http://www.epa.gov/waterscience/beaches/local/sum2.html>>
- _____. 2000. Water quality standards; establishment of numeric criteria for priority toxic pollutants for the State of California, 40 CFR 131. May 18.
- United States Fish and Wildlife Service (USFWS). 2010. Nevada Fish and Wildlife Office. Fisher (*Martes pennanti*) <http://www.fws.gov/nevada/nv_species/fisher.html>.
- _____. 2009a. Online Database of Federally Listed Threatened and Endangered Species in the Jurisdiction of the Sacramento District. Department of Interior (USDO), USFWS, Sacramento District. <http://www.fws.gov/sacramento/es/spp_lists/auto_list_form.cfm> Accessed Feb 2010.
- _____. 2009. Federal Endangered and Threatened Species that Occur in or may be Affected by Projects in the Counties and/or USGS 7 ½ Minute Quads you requested. Created: Feb 22, 2010. Sacramento Fish and Wildlife Office. Sacramento, CA.
- _____. 2008a. Effects instream flow investigations Yuba River spring and fall-run Chinook Salmon and steelhead/rainbow trout spawning habitat.
- _____. 2008b. Anadromous Fish Restoration Program – Restoring Fish Habitat in California’s Central Valley. USFWS Pacific Southwest Region Anadromous Fish Restoration Program, co-Implemented by USFWS and the Bureau of Land Management. <<http://www.fws.gov/stockton/afpr>> Accessed April 2009.
- _____. 2008c. Anadromous Fish Restoration Program – Yuba River. co-implemented by USFWS and the BL M. <http://www.delta.dfg.ca.gov/afpr/ws_stats.asp?code=YUBAR> Accessed in April 2009.
- _____. 2008d. Flow-habitat relationships for spring and fall-run Chinook salmon and steelhead/rainbow trout spawning in the Yuba River. Prepared by staff of the Energy Planning and Instream Flow Branch. Sacramento, California.
- _____. 2007. Flow-Habitat Relationships for Spring and Fall-Run Chinook Salmon and Steelhead/Rainbow Trout Spawning in the Yuba River.
- _____. 2006. Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the California Red-Legged Frog, and Special Rule Exemption Associated With Final Listing for Existing Routine Ranching Activities; Final Rule. Federal Register 71: 19244-19346.
- _____. 2005. Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon. Portland, OR.
- _____. 2003a. Endangered and Threatened Wildlife and Plants; 12-Month Finding for a Petition To List the Sierra Nevada Distinct Population Segment of the Mountain Yellow-legged Frog (*Rana muscosa*). Federal Register 68: 2283-2303
- _____. 2003b. Endangered and Threatened Species; Notice of 29 Remanded Determination of Status for the Sacramento Splittail (*Pogonichthys macrolepidotus*). 30 Federal Register 68(183): 55139-55166. September 22, 2003.

- _____. 2003c. Species fact Sheet: Sacramento Splittail (*Pogonichthys macrolepidotus*). US Fish and Wildlife Service, Sacramento District.
- _____. 2003d. Short-term action plan for Lahontan Cutthroat trout (*Oncorhynchus clarki henshawi*) in the Walker River Basin. Developed by Walker River Basin Recovery Implementation Team for US Fish and Wildlife Service, Reno, Nevada, August 2003.
- _____. 2002a. Recovery Plan for Gabbro Soil Plants of the Central Sierra Nevada Foothills. Portland, Oregon. August 2002.
- _____. 2002b. Recovery plan for the California red-legged frog (*Rana aurora draytonii*). Portland, Oregon. May 2002.
- _____. 2001a. Final restoration plan for the anadromous fish restoration program. Department of the Interior, Sacramento, California. January 9, 2001.
- _____. 2001b. Sacramento Fish and Wildlife Office Species Account: Hartweg's golden sunburst (*Pseudobahia bahiifolia*). Available online at: <http://www.fws.gov/sacramento>.
- _____. 1999. Yuba River Temperature Monitoring Project. Prepared for the United States Fish and Wildlife Service Sacramento/San Joaquin River Fishery Restoration Office. 19 pp. February 1999.
- _____. 1997a. A system for mapping riparian areas in the western United States. US Department of the Interior, US Fish and Wildlife Service, National Wetlands Inventory, St. Petersburg, FL.
- _____. 1997b. Guidance on Site Assessment and Field Surveys for the California Red-legged Frogs. Dated February 18, 1997.
- _____. 1996. Valley elderberry longhorn beetle consultation with the US Army Corps of Engineers. Sacramento, California. Appendix: Conservation guidelines for the valley elderberry longhorn beetle (PDF), Updated July 9, 1999.
- _____. 1995. Working Paper on Restoration Needs: Habitat Restoration Actions to Double Natural Production of Anadromous Fish in the Central Valley of California. Volume 2. Prepared for the USFWS under the direction of the Anadromous Fish Restoration Program Core Group. May 9, 1995.
- _____. 1990. Central valley habitat joint venture implementation plan: a component of the North American waterfowl management plan. February 1990.
- _____. 1989. The recreational fisheries policy of the US Fish and Wildlife Service.
- _____. 1987. National Wetland Inventory (NWI) maps. US Department of the Interior, USFWS, Region 1. Portland, OR.
- _____. 1986. North American waterfowl management plan. Department of the Interior. Canadian Wildlife Service. Environment Canada. May 1986.
- _____. 1984. Valley elderberry longhorn beetle recovery plan. Portland, Oregon. June 1984.
- _____. 1975. Part 17-endangered and threatened wildlife "threatened" status for three species of trout. Federal Register, 40(137)-Wednesday, July 16, 1975.

- _____. Undated. Fisheries USA: the recreation fisheries policy of the US Fish and Wildlife Service. Washington D.C.
- University of California, Agriculture & Natural Resources (UCANR). 2009. Sierra Foothill Research and Extension Center (SFREC). Available online <http://groups.ucanr.org/sierrafoothill/About_Sierra_Foothill_REC/Natural_Resources.htm>
- _____. 1994. Strategic plan. sierra foothill research and extension center. Online: http://groups.ucanr.org/sierrafoothill/About_Sierra_Foothill_REC/Strategic_Plan.htm. Accessed on June 24, 2009.
- University of California, Davis (UC Davis). 2009. California Fish Species. UC Davis Cooperative Extension Unit, California Fish Web Site. <<http://calfish.ucdavis.edu/calfish/CalSpec.asp>> Accessed June 2009.
- Unruh, J.R. 1991. The uplift of the Sierra Nevada and implications for Late Cenozoic epeirogeny in the western Cordillera. *Geol. Soc. America Bull.*, v. 103, n. 12, p. 1395-1404, as cited in Pacific Gas and Electric, Piedmont Geosciences, Inc. 2003
- Van Eenennaam, J.P., M.A.H. Webb, X. Deng, and S.I. Doroshov. 2001. Artificial spawning and larval rearing of Klamath River green sturgeon. *transactions of the American Fisheries Society* 130:159-165.
- Van Wagner, T. 1996. Selected life history and ecological aspects of a population of foothill yellow-legged frogs (*Rana boylei*) from Clear Creek, Nevada City, California. M.S. thesis. California State University, Chico. 143pp.
- Vindum, J.V. and M.S. Koo. 1999a. 1998 amphibian and reptile surveys in the Plumas and Tahoe National Forests: the result of CCSA-05-98-17-123. Department of Herpetology, California Academy of Sciences, Golden Gate Park, San Francisco, CA.
- Vindum, J.V. and M.S. Koo. 1999b. Amphibians and reptiles of the Tahoe National Forest: historical collections and the results of 1997-1999 California Academy of Science Surveys. Department of Herpetology, California Academy of Sciences.
- Vogel, D.A. 2006. Assessment of adult anadromous salmonid migration barriers and holding habitats in the Upper Yuba River. Prepared for CH2M Hill, Sacramento, CA.
- Vogel, D. A. and K. R. Marine. 1991. Guide to Upper Sacramento River Chinook Salmon Life History. US Bureau of Reclamation Central Valley Project.
- Vredenburg, V.T., R. Bingham, R. Knapp, J.A.T. Morgan, C. Moritz, and D. Wake. 2007. Concordant molecular and phenotypic data delineate new taxonomy and conservation priorities for the endangered mountain yellow-legged frog. *J. of Zoology* 271:361-374.
- Wagner, Jack R. 1970. Gold Mines of California. Howell-North Books, Berkeley California.
- Wagner, R. and J. Finn. 1985. The Downieville/Nevada City Deer Herd Management Plan. Prepared for California Department of Fish and Game and United States Forest Service.
- Wakabayashi, J. and T.L. Sawyer. 2001. Stream incision, tectonics, uplift, and evolution of topograph of the Sierra Nevada, California. *Journal of Geology*, v. 109, p. 539-562.

- Ward, B. R., and P. A. Slaney. 1988. Life history and smolt-to-adult survival of Keogh River steelhead trout (*Salmo gairdneri*) and the relationship to smolt size. *Canadian Journal of Fisheries and Aquatic Sciences*. 45:1110-1122.
- Ward, P., T. McReynolds, and C. Garman. 2003. Butte and Big Chico Creeks Spring-Run Chinook Salmon, *Oncorhynchus Tshawytscha*, Life History Investigations 2001-2002. Prepared for CDFG.
- Washington Forest Practices Board (WFPB). 1995. Board Manual: Standard methodology for conducting watershed analysis Version 3.0 November 1995.
- Water Engineering & Technology, Inc. (WE&T). 1991. Geomorphic Analysis. and Bank Protection Alternatives for Sacramento River (RM 0-78), Feather River (RM 28-61), Yuba River (RM 0-11), Bear River (RM 0-17), American River (RM 0-23), and portions of Three Mile, Steamboat, Sutler, Miner, Georgiana, Elk and Cache Sloughs. Prepared for: US Army Corps of Engineers, Sacramento District, Sacramento, California. Contract No. DACW05-88-D-Q044, Delivery Order #14, (Modification Nos. 01, 02), Delivery Order No. 15. . Fort Collins, Colorado.
- Western Regional Climate Center (WRCC). 2009. Stations 048207 and 045385. Historical climate data. <http://www.wrcc.dri.edu/summary/climsmnca.html>.
- Wilson, J. L. 1986. A study of plant species diversity and vegetation pattern associated with the Pine Hill gabbro formation and adjacent substrata, El Dorado County, California. California State University, Sacramento. Thesis. 249 pp.
- Wilson, N.L. and Towne, A.H. 1978. Nisenan. In *Handbook of North American Indians*, Vol. 8: California, edited by Robert F. Heizer, W.C. Sturtevant, General Editor. Smithsonian Institution, Washington, DC. pp. 387-397.
- Wiza. 2000. "The Fish Sniffer Online." Wiza's Sierra Report – Milton Lake. <<http://www.fishsniffer.com/wiza/090800report.html>> Accessed September 8, 2000.
- Yoshiyama, R. M., E. R. Gerstung, F. W. Fisher, and P. B. Moyle. 2001. Historical and Present Distribution of Chinook Salmon in the Central Valley Drainage of California. In *Contributions to the Biology of Central Valley Salmonids*, California Fish and Game, Bulletin 179, Volume 1. Salmonid Symposium, Bodega Bay, California. October 22-24, 1997, Randall Brown, editor.
- _____. 1996. Historical and present distribution of chinook salmon in the Central Valley drainage of California. As cited in Sierra Nevada ecosystem project, Final Report to Congress, 111, Assessments, Commissioned Reports, and Background Information. Prepared by Fisher, F.W., et al.
- Yuba Accord River Management Team (RMT). 2010. Lower Yuba River Accord Pilot Redd Survey Report: September 15, 2008 – April 27, 2009.
- _____. 2009. Lower Yuba River Accord Monitoring and Evaluation Program. Draft. June 2009.
- Yuba County. 2008a. Geographic Information System (GIS) Data. Marysville, California.
- _____. 2008b. Yuba County Parks Master Plan. Marysville, California. Adopted February 19, 2008.

- _____. 2008c. Zoning Ordinance. Marysville, California.
- _____. 2007. Yuba County general plan: biological resources general plan update background. November 2007. Available: <http://www.co.yuba.ca.us>. Accessed May 5, 2010.
- _____. 1994. General Plan. Yuba County, California.
- _____. 1985. Final Environmental Impact Report on the Cumulative Impacts of Rural Residential Development on Migratory Deer in Yuba County. Yuba County Community Services Department. Marysville California. April 5 1985.
- _____. 1973. Yuba County General Plan. Yuba County, California.
- _____. 1970. Circulation Plan. Yuba County, California.
- Yuba County Department of Agriculture (YCDA). 2005. Yuba County Agricultural Crop Report for 2005. Agriculture information on crops grown in County. <http://www.co.yuba.ca.us/Departments/Ag/>
- Yuba County Information Technology Division (YCIT). 2004. General Plan and Specific Plan Land Use GIS map. GIS Data - land use from general plan. Available at: <http://gis.co.yuba.ca.us/maps.html>.
- Yuba County Water Agency (YCWA). 2010. Public web-site. <<http://www.ycwa.com/>> Accessed July 26, 2010.
- _____. 2009a. Yuba River Development Project: FERC Form 80, Recreational Use Report. Marysville, CA.
- _____. 2009b. History of YCWA. at <http://www.ycwa.com/about/development-of-agency>.
- _____. 2009c. Yuba River Development Project Relicensing Preliminary Summary.
- _____. 2008. New Bullards Bar Dam Whitewater Boating Study Report (Draft). December 19, 2008.
- _____. 2006. Our House Dam Sediment Removal Project. FERC Project No. 2246-CA.
- _____. 2005. Evaluation of the 2004 Yuba River Water Transfers, Draft. Prepared for Yuba County Water Agency by Surface Water Resources, Inc.
- _____. 2003a. Draft Evaluation of 2002 Yuba River Water Transfers. Prepared for Yuba County Water Agency by Surface Water Resources, Inc. January 28, 2003.
- _____. 2003b. Yuba River Development Project: FERC Form 80, Recreational Use Report. Marysville, CA.
- _____. 1997. Yuba River Development Project: FERC Form 80, Recreational Use Report. Marysville, CA.
- _____. 1995. 1994 Recreation Use of Log Cabin and Our House (Final Report, February 13, 1995). Marysville, California.
- _____. 1993. Revised Exhibit R (Recreation Plan): Yuba River Development Project (FERC Project No. 2246). Marysville, California.

_____. Unpublished data. Yuba County Water Agency Sediment Pass-Through Program at Our House Dam Working Draft Operations and Monitoring Plan.

Yuba County Water Agency (YCWA), California Department of Water Resources (CDWR), and Bureau of Reclamation (BOR). 2007. Draft Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. Prepared by HDR|SWRI. June 2007.

Yuba County Water Agency and State Water Resources Control Board (YCWA and SWRCB). 2001. Environmental Assessment: Proposed Temporary Transfer of Water From Yuba County Water Agency to DWR, Year 2001. Prepared for Yuba County Water Agency and the State Water Resources Control Board by EDAW.

Zeiner, D.C., W.F. Laudenslayer, Jr., K.E. Mayer, and M. White, eds. 1988-1990. California's Wildlife. Vol. I-III. California Depart. of Fish and Game, Sacramento, California.

Zimmerman, C.E. 2009. Maternal Origin and Migratory History of Steelhead and Rainbow Trout Captured in Rivers of the Central Valley, California. Transactions of the American Fisheries Society 138: 280-291.

APPENDIX A

SUMMARY OF CONTACTS

Appendix A provides a listing of Federal and state resource agencies, local governments, Native American tribes, non-governmental organizations, businesses, unaffiliated members of the public, and others¹ likely to be interested in the relicensing of Yuba County Water Agency's (Licensee or YCWA) Yuba River Development Project relicensing that have been contacted by Licensee to identify potential sources of existing, relevant, and reasonably available information regarding resources potentially affected by continued Project operation and maintenance (O&M). Licensee used several methods to obtain information for the Pre-Application Document (PAD), including the following:

- PAD Questionnaire. This comprehensive questionnaire was sent to over 110 separate individuals identified as likely to be interested in the relicensing proceeding (Table A-1). It was used as one method to identify sources of existing, relevant, and reasonably available information that describe the resources potentially affected by continued Project O&M. A total of 13 responses to the PAD Questionnaire were received. A copy of the PAD Questionnaire and transmittal letter are available on the relicensing website in the quick launch link "PAD Information Questionnaire" at the following location: <http://www.ycwa-relicensing.com>
- Outreach Meetings. Licensee held a series of public outreach meetings to familiarize Relicensing Participants with the Project; its facilities, features and operations; the Federal Energy Regulatory Commission (FERC) Integrated Licensing Process (ILP); and the process and schedule Licensee planned to use to relicense the Project. The PAD Questionnaire was also distributed at the outreach meetings as another attempt to gather existing, relevant, and reasonably available information.
- Consultation Meetings/Telephone Calls. Licensee met individually or talked by telephone individually with several resource agencies, tribes, and others.
- Literature Searches. Licensee conducted extensive searches of publicly available databases (e.g., internet websites, university libraries, and publications) as well as its own records.

A summary of the 147 contacts made through the PAD Questionnaire process is provided as Table A-1 (provided on CD). Appendix B (provided on CD) provides a listing of references that were reviewed for existing, relevant, and reasonably available information identified by Licensee during preparation of the PAD. Included in the list are the references and information sources recommended to the Licensee by Federal and state resource agencies, local governments, Native American tribes, non-governmental organizations, businesses, unaffiliated members of the public, and others.

¹ These parties are collectively referred to as Relicensing Participants.

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Table A-1. Summary of contacts as of August 1, 2010

Name	Affiliation	Sent PAD Questionnaire (up-to-date)	Received Questionnaire Response (up-to-date)	Attended One or More Outreach Meetings	Telephone or Other Contact [Carin to follow up.]
Clara LeCompte	--	6/15/09*			
Ennis Peck	--	6/15/09			
James Edwards	--	7/9/09	8/20/09	X	
Joe Marine	--	6/15/09			
Lynda Shoshone	--	6/15/09*			
Patsy Seek	--	6/15/09			
--	Advisory Council on Historic Preservation	6/15/09			
Steve Rothert	American Rivers	4/20/09			
Bob Center	American Whitewater	6/15/09			
Dave Steindorf	American Whitewater	4/22/09			
Jim Edwards	Berry Creek Rancheria	6/15/09			
--	Brophy Water District	6/15/09			
Walter Cotter	Browns Valley Irrigation District	6/15/09		X	
Ren Reynolds	Butte Tribal Council/Enterprise Rancheria	6/15/09*			
Gary Hunt	California Bay-Delta Authority (CALFED)	6/15/09			
Bryant Burkhardt	California Canoe & Kayak	6/15/09			
Raynor Tsuneyoshi	California Department of Boating and Waterways	6/15/09			
Beth Lawson	California Department of Fish and Game	4/10/09	6/5/2009 4/20/2010	X	
Laurie Soule	California Department of Fish and Game	4/10/09		X	
MaryLisa Lynch	California Department of Fish and Game	4/10/09		X	
Robert Hughes	California Department of Fish and Game	4/10/09			
William Hoehman	California Department of Forestry and Fire Protection, Region 2 – Cascades	6/15/09			
--	California Department of Parks and Recreation	6/15/09			
Milford Wayne Donaldson	California Department of Parks and Recreation, Office of Historic Preservation	6/15/09			
Ted Frink	California Department of Water Resources, Resource Restoration Section	6/15/09			
Keith Nakatani	California Hydropower Reform Coalition	6/15/09			
Chris Shutes	California Sportfishing Protection Alliance	4/20/09			
Jim Crenshaw	California Sportfishing Protection Alliance	6/15/09			
Gary Seput	California Trout	6/15/09			
Cathy LeBlanc	Camptonville Community Service District	6/15/09	7/29/2009		
Rick Dickard	Camptonville Community Service District	6/15/09	3/9/2010		
--	Central Valley Regional Water Quality Control Board	6/15/09			

Table A-1. (continued)

Name	Affiliation	Sent PAD Questionnaire (up-to-date)	Received Questionnaire Response (up-to-date)	Attended One or More Outreach Meetings	Telephone or Other Contact [Carin to follow up.]
John Christensen	Christensen Associates, Inc	6/15/09			
Bill Harris	City of Marysville	6/15/09			
Marilyn Jasper	Clover Valley Foundation	6/15/09			
Alicia Juelch	Colfax Todds Valley Consolidated Tribe	8/10/09		X	7/17/09
Clyde Prout	Colfax Todds Valley Consolidated Tribe	8/10/09			7/17/09
Judy Marks	Colfax Todds Valley Consolidated Tribe	8/10/09			7/17/09
Leon Portras	Colfax Todds Valley Consolidated Tribe	8/10/09			7/17/09
Marjorie J. Cummins	Colfax Todds Valley Consolidated Tribe	8/10/09			7/17/09
Sandy Marks	Colfax Todds Valley Consolidated Tribe	8/10/09			7/17/09
Steven Prout	Colfax Todds Valley Consolidated Tribe	8/10/09			7/17/09
Charles J. Mathews Jr.	Cordua Irrigation District	6/15/09			
John Spencer	County of Nevada, Nevada County Board of Supervisors	6/15/09			
Pamela Springer	Dry Creek Mutual Water Company	6/15/09			
Scott Robertson	Emerald Cove Marina	4/6/09	5/5/09		
Frank Watson	Enterprise Rancheria of Maidu Indians	7/9/09*			
Glenda Nelson	Enterprise Rancheria of Maidu Indians	7/9/09*			
Laura Harnish	Environmental Defense Fund	7/9/09			
Frank Rinella	Federation of Fly Fishers, Northern California Council	6/15/09	5/14/09	X	
Julie Leimbach	Foothill Water Network	4/22/09	7/27/09	X	
Dennis Smith	Forest Service, Regional Hydropower Assistance Team	6/15/09			
Ron Stork	Friends of the River	6/15/09			
--	Gold Country Fly Fishermen	6/15/09			
Crista Stewart	Greenville Rancheria	8/20/09			7/17/09
Kyle Self	Greenville Rancheria	6/15/09*			7/17/09
Lacie Miles	Greenville Rancheria	6/15/09*			7/17/09
Gabriel Gorbet	Greenville Rancheria of Maidu Indians	6/15/09			
Lorie Jaimes	Greenville Rancheria of Maidu Indians	6/15/09			
--	Hallwood Irrigation District	6/15/09			

Table A-1. (continued)

Name	Affiliation	Sent PAD Questionnaire (up-to-date)	Received Questionnaire Response (up-to-date)	Attended One or More Outreach Meetings	Telephone or Other Contact [Carin to follow up.]
Lorena Gorbet	Maidu Cultural and Development Group	6/15/09			
Warren Gorbet	Maidu Cultural and Development Group	6/15/09			
Jill Havey	Maidu/Miwok	6/15/09			
Rose Enos	Maidu/Miwok	6/15/09			
Dennis Ramirez	Mechoopda Maidu Indians	6/15/09			
Mike DeSpain	Mechoopda Maidu Indians	6/15/09*			
Gary Archuleta	Mooretown Rancheria of Maidu Indians	6/15/09			
Guy Taylor	Mooretown Rancheria of Maidu Indians	6/15/09			
--	Native American Heritage Commission	6/15/09			
Richard Roos-Collins	Natural Heritage Institute	6/15/09			
Elizabeth Soderstrom	Natural Heritage Institute/American Rivers	6/15/09			
--	Nevada County Local Agency Formation Commission	6/15/09			
--	Nevada Irrigation District	6/15/09			
April Moore	Nisenan/Maidu	6/15/09*			
Ron Otto	Ophir Area Property Owners Association, Inc.	6/15/09			
Richard Doble	Pacific Gas and Electric Company	7/9/09	9/2/09		
David Moller	Pacific Gas and Electric Company, Power Generation Department	6/15/09			
Calvine Rose	Pakan-Yani Band of Strawberry Valley Rancheria	6/15/09*			
Chris Logan	Pakan-Yani Band of Strawberry Valley Rancheria	6/15/09			
Pearl Wagner	Pakan-Yani Band of Strawberry Valley Rancheria	6/15/09			
--	Placer County Irrigation District	6/15/09			
Marie Rainwater	Rainwater Associates	6/15/09			
--	Ramirez Water District	6/15/09			
Ty Gorre	Save Sierra Salmon	6/15/09*		X	
Nicholas Fonseca	Shingle Springs Rancheria	6/15/09			
Allan Eberhart	Sierra Club	4/24/09		X	
Barbara Rivenes	Sierra Club	6/15/09			
Terry Davis	Sierra Club Mother Lode Chapter	7/9/09			
Eric Parfrey	Sierra Club, Motherlode Chapter	7/9/09			
Peter Huebner	Sierra County Board of Supervisors	6/15/09			

Table A-1. (continued)

Name	Affiliation	Sent PAD Questionnaire (up-to-date)	Received Questionnaire Response (up-to-date)	Attended One or More Outreach Meetings	Telephone or Other Contact [Carin to follow up.]
Tim Beals	Sierra County Local Agency Formation Commission	6/15/09			
Dr. Arthur L. Craigmill	Sierra Foothill Research and Extension Center	7/9/09			
Jim Branham	Sierra Nevada Conservancy	6/15/09			
Bill Jacobson	Social Alliance Network	8/10/09			7/17/09
Gary Reedy	South Yuba River Citizens League	5/14/09	7/17/09	X	
Jason Rainey	South Yuba River Citizens League	6/15/09			
--	South Yuba Water District	6/15/09			
Jeff Parks	State Water Resources Control Board	4/10/09		X	
Les Grober	State Water Resources Control Board, Division of Water Rights	6/15/09			
Robert Kerfoot	Strawberry Valley Rancheria	8/10/09			7/17/09
Christopher Suehead	Todd Valley Miwok-Maidu Cultural Foundation	6/15/09			
Brigitte Zellner	Todds Valley Miwok-Maidu	8/10/09			7/17/09
Jerri White Turtle	Todds Valley Miwok-Maidu	8/10/09			7/17/09
Lois Zellner	Todds Valley Miwok-Maidu	8/10/09			7/17/09
Brian Johnson	Trout Unlimited	6/15/09		X	
Chuck Bonham	Trout Unlimited	7/9/09			
Ellen Moon	Tsi-Akim Maidu	6/15/09			
Grayson Coney	Tsi-Akim Maidu	6/15/09*			
Don Ryberg	Tsi-Akim Maidu Tribal Office	8/10/09			7/17/09
Nancy A. Haley	United States Army Corps of Engineers	6/15/09			
Dolly Suehead	United Auburn Indian Community	8/10/09			7/17/09
Douglas Elmets	United Auburn Indian Community	7/9/09			
John Williams	United Auburn Indian Community	8/10/09			7/17/09
Tracy Ocampo	United Auburn Indian Community	8/10/09			7/17/09
--	United Auburn Indian Community of the Auburn Maidu & Miwok	7/9/09			
Cheryl Mulder	United States Department of Agriculture, Forest Service (Plumas National Forest)	6/15/09		X	4/9/09
Jeanie Masquelier	United States Department of Agriculture, Forest Service (Tahoe National Forest)	4/9/09		X	
Julie Tupper	United States Department of Agriculture, Forest Service, Regional Hydro Advisory Team	6/15/09		X	

Table A-1. (continued)

Name	Affiliation	Sent PAD Questionnaire (up-to-date)	Received Questionnaire Response (up-to-date)	Attended One or More Outreach Meetings	Telephone or Other Contact [Carin to follow up.]
Bill Foster	United States Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service	4/27/09			
Steve Edmondson	United States Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries ServiceSouthwest Region, Habitat Conservation Division	6/15/09			
Karen Armes	United States Department of Homeland Security, Federal Emergency Management Agency	6/15/09			
Clay Gregory	United States Department of the Interior, Bureau of Indian Affairs	6/15/09		X	
Jim Eicher	United States Department of the Interior, Bureau of Land Management	4/13/09			
William Haigh	United States Department of the Interior, Bureau of Land Management , Folsom Field Office	6/15/09			
Donald R. Glaser	United States Department of the Interior, Bureau of Reclamation	6/15/09			
Carrie Thompson	United States Department of the Interior, Fish and Wildlife Service	6/15/09			
Cesar Blanco	United States Department of the Interior, Fish and Wildlife Service, Anadromous Fish Restoration Program	6/15/09			
Debbie Giglio	United States Department of the Interior, Fish and Wildlife Service	4/13/09		X	
Mark Gard Alison Willy	United States Department of the Interior, Fish and Wildlife Service	6/15/09	8/6/09 2/3/10		
Stephen Bowes	United States Department of the Interior, National Parks Service	4/9/09			
Charlie Alpers	United States Department of the Interior, United States Geological Survey, Water Science Center	6/15/09			
Eric G. Reichard	United States Department of the Interior, United States Geological Survey	6/15/09			
Tom Haltom	United States Department of the Interior, United States Geological Survey, California Water Science Center	6/15/09			
Andrew Rosenau	United States U.S. Army Corps of Engineers, Regulatory Branch	6/15/09			
Linda S. Adams	United States U.S. Environmental Protection Agency	7/9/09			
Darrel Cruz	Washoe Tribe of Nevada & California	6/15/09*			
DeAnn Roberts	Washoe Tribe of Nevada & California	6/15/09			
Waldo Walker	Washoe Tribe of Nevada & California	6/15/09*			
William Dancing Feather	Washoe Tribe of Nevada & California	7/9/09			

Table A-1. (continued)

Name	Affiliation	Sent PAD Questionnaire (up-to-date)	Received Questionnaire Response (up-to-date)	Attended One or More Outreach Meetings	Telephone or Other Contact [Carin to follow up.]
Brain Wallace	Washoe Tribe of NV and CA	8/10/09			7/17/09
Rose Wood	Washoe Tribe of NV and CA	8/10/09			7/17/09
--	Wheatland Water District	6/15/09			
John Benoit	Yuba County Local Agency Formation Commission	7/9/09			
Anita Miller	Yuba County Resource Conservation District	5/18/09			
Deborah Byrne	Yuba County, Fish and Game Commission	6/15/09			
--	Yuba Watershed Council	6/15/09			

* Individual contact may have received an additional distribution of the PAD Questionnaire on 7/17/09 as part of the Cultural Contacts distribution.

APPENDIX B

Information Sources

Appendix B (provided on CD) provides a listing of source documents that Yuba County Water Agency (Licensee or YCWA) evaluated in their search for “existing, relevant, and reasonably available” information for inclusion in Section 7, Description of Existing Environment, of this Yuba River Development Project (Project) Pre-Application Document (PAD). Licensee focused their search on finding source documents: that is, documents that contained original source data and associated conclusions, interpretations, and other information developed *de novo* by the author(s). Documents and sources of information that were generally avoided include: 1) general natural history descriptions such as general descriptions of species life cycles, ranges of occurrence, and behavior; 2) technology references such as manuals concerning development of models; 3) reviews and compendiums that do not contain source information, but oftentimes use another’s information in an editorial fashion; 4) technical references such as general limnology text books; and 5) anecdotal information that cannot be verified. In addition, management and policy documents were avoided except to the extent that they are used solely to describe agency management and policies that apply specifically to the Project Area.

The documents evaluated are presented in Tables B1 through B13, in Microsoft Excel format, on the CD provided. The tables are organized by resource area:

Table B1 – River Basin Description
Table B2 – Geology and Soils
Table B3 – Water Resources
Table B4 – Aquatic Resources
Table B5 – Wildlife Resources
Table B6 – Botanical Resources
Table B7 – Wetlands, Riparian and Littoral Habitats
Table B8 – Threatened and Endangered Species
Table B9 – Recreation
Table B10 – Land Use
Table B11 – Aesthetic Resources
Table B12 – Socio-economic Resources
Table B13 – Cultural Resources

Not all of the existing and reasonably available information found during the Licensee’s search was relevant to this PAD, yet the source was still listed in Appendix B for completeness and to document due diligence. When a document verified information from another reference it may not have been cited, but it was included in Appendix B. When a document provided relevant information for more than one resource area, the document is repeated in the appropriate tables.

Each Appendix B table includes three key pieces of information: a complete citation; the recommending party or agency (if applicable); and the location of the document. In some cases, the source document can be found on the Internet, in which case the website address of the

document is listed. In some cases, the document is an article from a journal or periodical or report that Licensee has obtained or is otherwise a document in Licensee's possession. Those documents can be obtained by a third party (at a reasonable cost for reproduction and postage) by contacting Licensee. Note that some sources of information are Geographic Information System (GIS) files.

During preparation of the PAD, Licensee identified some source documents that are considered "Confidential" for one or more reasons. Such documents are so indicated; however, the Licensee may not distribute such documents to a third party. Examples of confidential documents include GIS files or maps that contain the specific location of cultural sites, and reports that FERC considers contain Critical Energy Infrastructure Information. Those who wish copies of the information in these documents should contact the appropriate authorities.

Appendix B

Information Sources

- **Table B-01: River Basin Description**
- **Table B-02: Geology and Soils**
- **Table B-03: Water Resources**
- **Table B-04: Aquatic Resources**
- **Table B-05: Wildlife Resources**
- **Table B-06: Botanical Resources**
- **Table B-07: Wetlands, Riparian, and Littoral Habitats**
- **Table B-08: Threatened and Endangered Species**
- **Table B-09: Recreation Resources**
- **Table B-10: Land Use Resources**
- **Table B-11: Aesthetics Resources**
- **Table B-12: Socio-Economic Resources**
- **Table B-13: Cultural Resources**

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Table B-1 River Basin Description.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
--	Yuba County.	October, 2009	Yuba County GIS Data.	Yuba County	n/a	GIS data - Parcels, Transportation, Hydrography, City and other planning/municipal boundaries, FERC Boundary.	DTA Sacramento
--	USDA Forest Service Region 5.	October, 2009	USDA Forest Service Region 5 GIS Data.	USFS Region 5	n/a	GIS Data - Administrative boundaries and ownership.	DTA Sacramento
--	Tahoe National Forest.	September, 2009	TNF resource GIS Data.	Tahoe National Forest	n/a	GIS Data - transportation, administrative, various resource data.	
--	CA BLM State Office.	October, 2009	Public Land Survey GIS Data.	BLM	n/a	GIS Data - Township Range Section Meridian data.	DTA Sacramento
--	Cal Atlas.	October, 2009	DRG24k.	State of CA	n/a	GIS Data - Quad Boundaries.	DTA Sacramento
--	USGS and USEPA.	October, 2009	NHD-plus.	USGS and USEPA	n/a	GIS Data: Streams - perennial, intermittent.	DTA Sacramento
--	Cal Atlas.	October, 2009	Calwater 2.2.1.	State of CA	n/a	Streams - GIS LAYER Water: Streams - Calwater watersheds.	DTA Sacramento
--	USGS.	October, 2009	USGS	USGS	n/a	Streams - gage locations.	DTA Sacramento
--	--	--	USGS National Water Information System (NWIS).	--	USGS	Streamflow Data.	http://waterdata.usgs.gov/nwis/dv/?referred_module=sw
--	--	--	USGS Topographic quads, 1:24K series (Camptonville, Oregon House, Browns Valley, Yuba City, GrassValley, North Bloomfield, Goodyears Bar, Downieville, Sierra City, Strawberry Valley, Challenge, Pike, Nevada City, French Corral, Rough & Ready, Smartville).	--	USGS, Mosaiced and Served To GIS by ESRI ArcGIS Online	Topographic data.	via GIS or ACME Mapper
--	--	--	Yuba-Bear Hydroelectric Project PAD.	--	Publicly-available document	Other hydroelectric, storage and diversion facilities in the Project-affected basins.	http://www.eurekasw.com/NID/FERC%20Filings%20%20Relicensing/Forms/AllItems.aspx?RootFolder=%2fNID%2fFERC%20Filings%20%20Relicensing%2fFilings%20by%20Licensees%2fYuba%2dBear%20Hydroelectric%20Project%2fYuba%2dBear%20Pre%2dApplication%20Document&View=%7b6FB46D62%2dE66A%2d45FB%2d8595%2dAC84E6D7EFE8%7d
--	--	--	Drum-Spaulding Project PAD.	--	Publicly-available document	Other hydroelectric, storage and diversion facilities in the Project-affected basins.	http://www.eurekasw.com/DS/FERC%20Filings/Forms/AllItems.aspx?RootFolder=%2fDS%2fFERC%20Filings%2fFERC%20Filings%20by%20PGandE%2fDrum%2dSpaulding%20Pre%2dApplication%20Document&View=%7b92491804%2dC8E4%2d46D9%2dAE13%2d1B22DBD29029%7d
--	--	--	Yuba County Information Technology Division (YCIT). 2004. General Plan and Specific Plan Land Use GIS map.	--	Yuba County	GIS Data - land use from general plan.	Available at: http://gis.co.yuba.ca.us/maps.html .
--	--	--	Yuba County Department of Agriculture (YCDA). 2005. Yuba County Agricultural Crop Report for 2005.	--	Yuba County Deparment of Agriculture	Agriculture information on crops grown in County.	http://www.co.yuba.ca.us/Departments/Ag/
--	--	--	California Department of Water Resources (CDWR), Central District. 1999. Yuba Goldfields Fish Barrier Project, Preliminary Engineering Report.	--	California Department of Water Resources	General information about Yuba Goldfields area, history, and lower Yuba River information.	http://www.delta.dfg.ca.gov/afrp/documents/YubaGold_all.pdf
--	--	--	Yuba River Accord DEIS and FEIS.	--	Yuba County Water Agency	--	W:\Client Files\Yuba County Water Agency\Projects\YRDP Relicensing\Technical References\Yuba River Accd - FEIS
--	--	--	Western Regional Climate Center Data - Stations 048207 and 045385.	--	WRCC	Historical Climate data.	http://www.wrcc.dri.edu/summary/climsmnca.html
--	--	--	Plumas National Forest LRMP 1988.	--	--	--	http://www.fs.fed.us/r5/plumas/projects_and_plans/forest_plan/
--	--	--	Tahoe National Forest LRMP 1991.	--	--	Land Use Management Plan for Tahoe National Forest.	--
--	--	--	BLM Sierra Resource Management Plan.	--	--	BLM land management areas and information.	--
--	--	--	Yuba County General Plan 1996.	--	--	Yuba County General Plan information - history, services, land use.	--
--	--	--	Nevada County General Plan 1996.	--	--	Nevada County General Plan information - history, services, land use	--

Table B-1 River Basin Description.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
--	--	--	Sierra County General Plan 1996.	--	--	Sierra County General Plan information - history, services, land use.	W:\Client Files\Yuba County Water Agency\Projects\YRDP Relicensing\Technical References\SierraCountyGeneral Plan.
--	--	--	CVRWQCB Basin Plan 1998.	--	--	Water Quality Standards by water body and Hydro Unit Codes.	--
--	--	--	Yuba County IRWMP.	--	--	General information about water use and water districts in Yuba County.	Executive Summary: http://www.ycwa.com/projects/detail/7 . Electronic copy of the full report: contact Scott Matyac, Yuba County Water Agency, at 1220 F Street, Marysville, CA, 95901, by telephone 530-741-6278, or by email smatyac@ycwa.com.

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Adler, Lori Lynn.	1980	Adjustment of the Yuba River to the Influx of Hydraulic Mining Debris, 1849-1979	University of California, Los Angeles. Masters Thesis	--	Relevant. Cited in PAD text.	Investigation of the iinfluence upon a fluvial system from influx of sediment from hydraulic mining.	HDR DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Alpers, C. N. Hunerlach M. P. Marvin-DiPasquale M. Snyder N. P. and Krabbenhoft D. P.	2005	Mercury and methylmercury in the upper Yuba River watershed: Fluvial transport and reservoir sedimentation.	Third Biennial CALFED Bay-Delta Program Science Conference Abstracts; Sacramento, CA. 2004p. 4. (talk).	FWN PAD Questionnaire Response July 27, 2009	Relevant as general information in water quality section; did not use in Geology and Soils.	Investigation monitoring mercury and methylmercury concentrations in water, suspended sediment, and reservoir-bed sediment during 2001-2003 due to the potential exposure to anadromous fish if introduced to upper Yuba.	http://www.science.calwater.ca.gov/events/conferences/
Geology and Soils	Alpers, C. N. Hunerlach M. P. May J. T. and Hothem R. L.	2005	Mercury contamination from historical gold mining in California.	U.S. Geological Survey Fact Sheet 2005-3014, 6 p. ; 2005.	FWN PAD Questionnaire Response July 27, 2009	Relevant as general information in water quality section; did not use in Geology and Soils.	Fact sheet providing background information on the use of mercury in historical gold mining and processing operations in California, and description of recent USGS projects that address potential risks.	http://pubs.usgs.gov/fs/2005/3014/fs2005_3014_v1.1.pdf
Geology and Soils	Alpers, C.N., Hunerlach, M.P., Marvin-DiPasquale, M.C., Antweiler, R.C., Lasorsa, B.K., De Wild, J.F., and Snyder, N.P.	2006	Geochemical data for mercury, methylmercury, and other constituents in sediments from Englebright Lake.	U.S. Geological Survey Data - Series Report 2005-151	--	--		http://pubs.water.usgs.gov/ds151/
Geology and Soils	Aspen Environmental Group. 2000.	2000	Pacific Gas and Electric Company’s application for authorization to divest its hydroelectric generating facilities and related assets. Application 99-09053. Draft Environmental Impact Report. November 2000.	PG&E; Prepared for California Public Utilities Commission.	--	Relevant; cited in PAD text.	Facilities - contains information regarding minerals, seismic stability, geology, soils for Drum Spaulding facilities (in addition to other PG&E facilities).	HDR DTA Bellingham: hard copy dated 5/15/2007 (url on bottom of document no longer works).
Geology and Soils	Ayres Associates.	1997	Final Report American and Sacramento River, California Project: Geomorphic, Sediment Engineering, and Channel Stability Analyses.	Prepared for the U.S. Army Corps of Engineers, Sacramento District, Contract No. DACW05-92-C-0077; 1997.	FWN PAD Questionnaire Response July 27, 2009	Not available at time of PAD preparation.	--	Searched Army Corpy of Engineers data base for document - not located
Geology and Soils	Bateman, P. and C Wahrhaftig.	1966	Geology of the Sierra Nevada	Geology of Northern California. California Division of Mines and Geology Bulletin 190 p. 107-172. 1966. Bailey, E. Ed.	FWN PAD Questionnaire Response July 27, 2009	--	Though written before the advent of the concept of plate tectonics, this article remains the best general descriptive summary of the geology of the Sierra Nevada. Descriptive, though may be outdated with respect to timing of geologic events.	Checked out copy from local library; reviewed for general information
Geology and Soils	Beak Consultants, Inc.	1989	Yuba River Fisheries Investigations, 1986-88, Summary Report Of Technical Studies On The Lower Yuba River, California.	--	--			

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Beard, J.S., and H.W. Day	1987	The Smartville intrusive complex, Sierra Nevada, California: The core of a rifted volcanic arc	GSA Bulletin, V.99, p. 779-791	--	Relvent; cited in text	Geologic history of the Smartville complex; interpretation of the complex as a rifted volcanic-sub-volcanic edifice that formed in a Laate Jurassic arc.	HDR DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Bennett, J.H.	1983	Geodetic surveys on the Foothills Fault System near Smartville, Yuba County, California	California Geology, v.36, p. 51-53	--	Relevant; cited in text (as cited in James 1988)	Details on the Foothill Fault system	HDR:DTA Bellingham: Hard copy of James 1988 document
Geology and Soils	Bobbitt, John Bailey.	1982	Petrology, structure, and contact relations of part of the Yuba Rivers pluton, northwestern Sierra Nevada foothills, California. 1982	MSc Thesis, U.C. Davis; 1982 Shields Library Microcopy CollectionLD781.D5j 1982B622.	FWN PAD Questionnaire Response July 27, 2009	Potentially relevant as background information specific to petrology but not used nor cited in text. Refer to Day and Bickford 2004, Day et al. 1985.	Detail regarding the Yuba Rivers Pluton in northwestern Sierra Nevada foothills. The margin of the pluton is interpreted as an intrusive contact that was deformed in the Wolf Creek fault zone during intrusion and postemplacement cooling.	Hard copy, U.C. Davis, and through microfilm at Shields Library
Geology and Soils	Bovee, K.	1997	Data collection procedures for the Physical Habitat Simulation System	U.S. Geological Survey, Biological Resources Division, Fort Collins, Colorado	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Methods for establishing study sites for instream flow studies	http://www.fort.usgs.gov/Products/Publications/20002/20002.pdf
Geology and Soils	Brown, C.B.	1943	Discussion of sedimentation in reservoirs	Proceedings of the American Society of Civil Engineers 69: 1493-1500	--	Relevant; cited in PAD text as an empirical relation for trap efficiency of reservoirs.	Empirical relationship developed for trap efficiency of reservoirs.	Table that used emprical relation was copied from Exhibit E. Geological Resources Chapter E11. South Feather Power Project. FERC Project No. 2088. March 2007
Geology and Soils	Brune, G	1953	Trap efficiency of reservoirs.	Transactions of the American Geophysical Union 34: 407-418	--	Relevant; cited in PAD text as an empirical relation for trap efficiency of reservoirs.	Empirical relationship developed for trap efficiency of reservoirs.	Table that used emprical relation was copied from Exhibit E. Geological Resources Chapter E11. South Feather Power Project. FERC Project No. 2088. March 2007
Geology and Soils	Brunner, Gary W.	2008	HEC-RAS, River Analysis System User's Manual	US Army Corps of Engineers Hydrologic Engineering Center, Davis, CA	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Users manual for HEC-RAS hydraulic model.	http://www.pdf-top.com/ebook/hecras/
Geology and Soils	Buer, Koll.	1979	Stratigraphy, structure and petrology of a portion of the Smartville ophiolite, Yuba County, California.	MSc Thesis, U.C. Davis	FWN PAD Questionnaire Response July 27, 2009	Potentially relevant as background information specific to petrology but not used nor cited in text. Refer to Day et al. 1985, Beard and Day 1987	Details of the Smartville intrusive complex	Hard copy, U.C. Davis
Geology and Soils	Buffington, J.M. and D.R. Montgomery	1999	A procedure for classifying textural facies in gravel-bed rivers	Water Resources Research. Vol 35, No. 6, pp 1903-1914	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Method to differentiate, classify and quantify substrate in a stream channel study site/reach	HDR DTA Bellingham: Hard Copy

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	California Debris Commission (CDC)	1906	Map of the Yuba River, California from the Narrows to its mouth in the Feather River, scale 1:9,600	Made under direction of Major Wm. W. Harts, U.S. Army Corps of Engineers, by G.G. McDaniel, Jr.	--			
Geology and Soils	California DWR	2004	Draft Report SP-G2: Effects of Project Operations on Geomorphic Processes Downstream of Oroville Dam Task 7 - Hydraulic and Sediment Transport Modeling with Fluvial-2.	Oroville Facilities Relicensing FERC Project No. 2100. State of California Department of Water Resources. March 2004.	--	Potentially relevant: General information as to methods and vicinity descriptions.	Sediment - bedload and sediment in the Feather River	http://orovillerelicensing.water.ca.gov/pdf_docs/03-24-04_env_att6-sp-g2_task7.pdf
Geology and Soils	California DWR	2004	Draft Report SP-G1: Effects of Project Operations on Geomorphic Processes Downstream of Oroville Dam.	Oroville Facilities Relicensing FERC Project No. 2100. State of California Department of Water Resources. April 2004.	--	Relevant; cited in PAD text for brief description/comparison as to sediment yields in vicinity	Sediment - bedload and sediment in the Feather River	http://www.water.ca.gov/orovillerelicensing/wg-reports_EWG_040528b.cfm
Geology and Soils	Childs, J.R., N.P. Snyder and M.A. Hampton	2003	Bathymetric and geophysical surveys of Englebright Lake, Yuba-Nevada Counties, California	USGS Open-File Report 03-383. 20 pp.	FWN PAD Questionnaire Response July 27, 2009	Relevant background information, cited by and part of numerous other papers (part of larger study); not cited in text. See Curtis et al. 2005a and 2005b	Results of the UYRSP bathymetric, geological, and geophysical surveys, including a new bathymetric map of the reservoir and estimates of the total accumulated sediment volume.	http://geopubs.wr.usgs.gov/open-file/of03-383/
Geology and Soils	Christensen Associates, Inc.	2007	New Bullards Bar Dam Rockslide Downstream of Right Abutment Report on Investigation.	Yuba County Water Agency, FERC Project No. 2246.	--	Relevant; cited in PAD text.	Reports the results of an investigation of the rockslide that occurred on the slope downstream from the right abutment of the New Bullards Bar Dm in early 2006	YCWA and DTA Bellingham: Data CD
Geology and Soils	Churchill, M.A.	1948	Discussion of Analyses and use of reservoir sedimentation data, by L. C. Gottschalk.	In Proceedings of the federal interagency sedimentation conference, Denver; Colorado. Washington D. C. US Geological Survey, 139-40.	--	Relevant; cited in PAD text.	Empirical relationship developed for trap efficiency of reservoirs.	Table that used emprical relation was copied from Exhibit E. Geological Resources Chapter E11. South Feather Power Project. FERC Project No. 2088. March 2007
Geology and Soils	Curtis, J.A. and L.E. Flint	2003	Development of a hillslope erosion potential index for sediment transport in the Yuba River Basin.	GSA Abstracts with Programs, V.35, No. 6.	--	Relevant; cited in PAD text (see also Flint et al. 2003)	Development of a conceptual model of sediment processes in the upper Yuba River watershed using a distributed parameter watershed model (Hydrological Simulations Program-Fortran [HSPF]).	--
Geology and Soils	Curtis, J. A. Flint L. E. Alpers C. N. Wright S. A. and Snyder N. P.	2004	Sediment Transport in the Upper Yuba River Watershed, California, 2001–03.	U.S. Geological Survey Scientific Investigations Report.; 2006; U.S. Geological Survey Scientific Investigations Report 2005-5246, 74 pp.	FWN PAD Questionnaire Response July 27, 2009	Relevant; cited in PAD text.	Abstract of talk; development of of bedload rating curves to estimate total annual sediment discahrge for the Middle and South Yuba Rivers.	HDR DTA Bellingham: Hard copy of abstract
Geology and Soils	Curtis, J.A., L.E. Flint, C.N. Alpers, and S.M. Yarnell.	2005a	Conceptual model of sediment processes in the upper Yuba River watershed, Sierra Nevada, California.	Geomorphology. 68 (2005): 149-166.	FWN PAD Questionnaire Response July 27, 2009	Relevant; cited in PAD text.	Development of a conceptual model of sediment processes in the upper Yuba River watershed; and hypothesizes how components of the conceptual model may be spatially distributed using a geographical information system (GIS).	HDR DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References; DTA Sacramento

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Curtis, J.A., L.E. Flint, C.N. Alpers, S.A. Wright, and N.P. Snyder	2005b	Use of Sediment Rating Curves and Optical Backscatter Data to Transport in the Upper Yuba River Watershed, California, 2001-03.	U.S. Geological Survey Scientific Investigations Report 2005-5246. 84 pp.	--	Relevant; cited in PAD text.	Sediment transport in the upper Yuba River watershed was evaluated from October 2001 through September 2003. This report presents results of a three-year study by the U.S. Geological Survey, in cooperation with the California Ecosystem Restoration Program of the California Bay-Delta Authority and the California Resources Agency.	HDR DTA Bellingham: hard copy
Geology and Soils	Curtis, J.A., L.E. Flint, C.N. Alpers, S.A. Wright	2006	Evaluating sediment sources, erosion, and transport processes in the Upper Yuba River Watershed.	Joint 8th Federal Interagency Sedimentation Conference Extended Abstracts. Reno, NV Apr 2-6, 2006.	--	Relevant; cited in PAD text.	Conceptual model of sediment sources, erosion, and transport processes was developed and sediment-transport studies were conducted in the upper Yuba River watershed. Field observations of sediment production due to mass wasting, channel storage volumes, and the sediment sources, erosion, and transport processes were used to develop the conceptual model.	http://pubs.usgs.gov/misc/FISC_1947-2006/pdf/1st-7thFISCs-CD/8thFISC/Session%206A-1_Curtis.pdf
Geology and Soils	Day, H.E., E.M. Moores, and A.C. Tuminas	1985	Structure and tectonics of the northern Sierra Nevada.	GSA Bulletin, V.96, p. 436-450.	--	Relevant; cited in PAD text.	Overview of detailed descriptions of parts of the Smartville complex and Central belt (e.g., Buer 1979, Bobbitt 1982, Day 1977). Early east-directed overthrusts followed by west-directed back folding and faulting implies shortening and thickening of the crust during the Nevadan Orogeny and is consistent with the idea that the northern Sierra Nevada is the result of a crustal collisional process.	HDR:DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Day, H.W., and M.E. Bickford	2004	Tectonic setting of the Jurassic Smartville and Slate Creek complexes, northern Sierra Nevada, California	GSA Bulletin, v. 116; no. 11/12; p. 1515-1528	--	Relevant; cited in PAD text.	Report of new and revised dates for Slate Creek complexes, implying that Central and Western belts have been part of the same terrane since Middle Jurassic and the fault separating them has accommodated only minor displacements since ca. 160 Ma	HDR:DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Day, Sumner Daniel.	1977	The petrology of a mafic dike complex near Smartville, Yuba County, California.	Masters Thesis, U.C. Davis	FWN PAD Questionnaire Response July 27, 2009	Potentially relevant as background information specific to petrology but not used nor cited in text. Refer to Day et al. 1985, Beard and Day 1987	Background and detail about the mafic dike complex of the Smartville complex, which is a Jurassic volcanic and plutonic arc formed during incipient rifting of an active volcanic arc. Intersecting dikes within the pluton of the Smartville complex are virtually 100% sheeted dikes.	U.C. Davis, hard copy

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Department of Conservation, Office of Mine Reclamation, Abandoned Lands Mines Unit,	2003	Abandoned Mine Lands Assessment of the North Yuba Watershed: Prepared for the California Bay-Delta Authority. May 2003. Sacramento, California.	Prepared for the California Bay-Delta Authority	--	Relevant; cited in PAD text.	Data obtained from the inventory of 128 abandoned mine sites in the North Yuba Watershed. Using a Preliminary Appraisal and Ranking (PAR) model, as well as results of soil sample analyses, it evaluates the potential impacts of each mine site to human health and the environment. The report also presents several prioritizations of these sites for possible remediation activities.	http://www.consrv.ca.gov/OMR/abandoned%5Fmine%5Flands/North%20Yuba.pdf
Geology and Soils	Dietrich, W.E., J.W. Kirchner, H.Ikeda, and F. Iseya	1989	Sediment supply and development of the coarse surface layer in gravel-bedded rivers	Nature, Vol 340, No. 6230, pp. 215-217, 20 July 1989	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Discussion and methods to understand and quantify channel armoring.	HDR DTA Bellingham: Hard copy
Geology and Soils	Diggles, M.F., J.R. Rytuba, B.C.Moring, C.T. Wrucke, D.P. Cox, S.Ludington, R.P. Ashley, W.J. Pickthorn, C.T. Hillman, R.J. Miller	1996	Geology and Minerals Issues. Sierran Nevada Ecosystem Project: Final report to Congress Vol. II (Chapter 18). Assessments and scientific basis for management options.	USGS Digital Data Series DDs-43 1997. Davis: University of California, Centers for Water and Wildland Resources.	--	Relevant; cited in PAD text.	Minerals in the Sierra Nevada range	HDR DTA Bellingham: DVD (Volume II, Chapter 18)
Geology and Soils	DWR and USACE	2003	Daguerre Point Dam Fish Passage Improvement Project 2002 Water Resources Studies (Stakeholder Review Draft).	Entrix, Inc.	--			
Geology and Soils	EA Engineering Science and Technology	2000	Slate Creek monitoring data interim report.	Prepared for Oroville-Wyandotte Irrigation District, Oroville, CA.	--	Relevant; cited in PAD text.	Summary of interim monitoring data on Slate Creek.	HDR:DTA Sacramento: from Section E11 Geological Resources in License Application for South Feather Power Project, FERC 2088.
Geology and Soils	EBASCO Services, Inc., and Envirospere Company	1986	Cleanup and abatement plan for sediment sluiced from Our House Reservoir.	Interim technical report prepared for Yuba County Water Agency, October 30, 1986.	--	Relevant; cited in PAD text	Interim report for Our House Dam sediment removal	HDR:DTA Bellingham: CD with files
Geology and Soils	EDAW and Flood Control Study Team	2004	Three Rivers Levee Improvement Authority. 2004. Final Environmental Impact Report for the Feather-Bear Rivers Levee Setback Project, an Element of the Yuba-Feather Supplemental Flood Control Project.	State Clearinghouse No. 2004072113. Prepared by EDAW and Flood Control Study Team. November 2004.	SYRCL PAD Questionnaire Response July 17, 2009	Relevant as background information but not cited in document. Refer to EDAW 2006.	Feather-Bear Rivers Levee Setback involves setting back the right bank levee of the lower Bear River from the confluence with the Feather River, which is implemented to achieve a 200-yr level of flood protection, and results in more than 300 acres of ripairan wetlands restoration along the lower Bear River.	--

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	EDAW, Jones and Stokes and Flood Control Study Team.	2003	Environmental Impact Report for the Yuba-Feather Supplemental Flood Control Project.	Prepared for Yuba County Water Agency; 2003; State Clearinghouse # 2001072062.	FWN PAD Questionnaire Response July 27, 2009	Relevant as background information but not cited in document. Refer to EDAW 2006.	The Yuba-Feather Workgroup was formed as a stakeholder and agency collaborative effort to oversee the use of Proposition 13 (Machado Act) funding for flood management projects by the Yuba County Water Agency. (The Act authorizes \$70 million in non-dam flood management projects by the Agency.) The Workgroup, YCWA, DWR, and Three Rivers Authority have agreed to use a portion of these funds (including \$20 million in mitigation funds in addition to the \$70 million above) to set back a portion of the Bear River levee on the north side of the river from the confluence with the Feather River to SR 70, a total of 322 acres. In addition to improved flood protection, the levee setback will provide opportunities for significant enhancement of the fishery on the lower Bear.	--
Geology and Soils	EDAW Flood Control Study Team	2006	Draft Environmental Impact Report for the Feather River Levee Repair Project, an element of the Yuba-Feather Supplemental Flood Control Project.	Prepared by EDAW Flood Control Study Team. August. Chapter 5-3 - Water Resources. State Clearinghouse No. 2006062071.	--	Relevant; cited in PAD text.	Feather-Bear Rivers Levee Setback involves setting back the right bank levee of the lower Bear River from the confluence with the Feather River, which is implemented to achieve a 200-yr level of flood protection, and results in more than 300 acres of riparian wetlands restoration along the lower Bear River.	--
Geology and Soils	Eddy, Carol Ann.	1985	Petrology and geochemistry of the Yuba Rivers pluton, northwestern Sierra Nevada foothills, California.	MSc Thesis, U.C. Davis	FWN PAD Questionnaire Response July 27, 2009	Potentially relevant as background information specific to petrology but not cited in text. See Beard and Day 1987 and Day and Bickford 2004 for citations for other Eddy articles and Yuba Rivers pluton details.	Details about the Yuba Rivers Pluton.	Hard copy, U.C. Davis
Geology and Soils	Escobar, M.I. and Pasternack, G.B.	2010	Differences in River Ecological Functions Due to Rapid Channel Alteration Processes in Two California Rivers Using the Functional Flows Model. Part 2: Model Applications.	River Research and Applications, doi: 10.1002/rra.1335.	--	--		
Geology and Soils	Faunt, C.C.	2009	Groundwater Availability of the Central Valley Aquifer, California.	U.S. Geological Survey Professional Paper 1766, 225 p.	--	--		
Geology and Soils	Federal Energy Regulatory Commission (FERC). 2009.	2009	Final Environmental Impact Statement (FEIS) for Relicensing of the South Feather Power (Project No. 2088-068).	FERC	--	Relevant; cited in PAD text.	Environmental details of South Feather Power Project.	< http://www.ferc.gov/industries/hydropower/enviro/eis/2009/06-04-09.asp > Accessed June 2009.
Geology and Soils	Flint, L. A. Guay J. R. Flint A. L. Curtis J. A. and Alpers C. N.	2004	Spatially distributed model of flow and sediment transport in the upper Yuba River watershed.	Third Biennial USGS – UYRSP Progress report page 10 of 11 Nov. 15, 2005; Sacramento, CA. CALFED Bay-Delta Program Science Conference Abstracts; 2004: p. 78. (talk).	FWN PAD Questionnaire Response July 27, 2009.	Relevant; cited in PAD text.	Distributed-parameter model that was developed for the watershed as a tool for assessing the spatial distribution of sediment transport as it relates to fish habitat and influences of land-use practices, dam management, and climate.	http://www.science.calwater.ca.gov/events/conferences/

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Flint, L. E. Guay J. R. Flint A. L. Curtis J. A. and C. N. Alpers.	2005	Influence of climate on flow and sediment transport in the upper Yuba River basin.	American River Science Conference; Sacramento, California 2005 (talk).	FWN PAD Questionnaire Response July 27, 2009	Could not locate; likely covered in other papers e.g., Flint et al 2004. Curtis et al.	--	not easily available (not published)
Geology and Soils	Flint, L. E. J. Curtis B. Wilkins S. Yarnell and E. Larsen.	2002	Watershed Characterization for Sediment Transport Studies in the Upper Yuba River Watershed.	USGS Poster; 2002.	FWN PAD Questionnaire Response July 27, 2009	Could not locate; likely covered in other papers e.g., Flint et al 2004. Curtis et al.	--	not easily available (not published)
Geology and Soils	Flint, L.E., J.A. Curtis, and A.L. Flint	2003	Development of a hillslope erosion potential index for sediment transport in the Yuba River Basin.	GSA 2003 Seattle Annual Meeting Paper No. 190-8.	--	Relevant to supplement Flint et al. 2004 but not cited in text; duplicate of Curtis and Flint 2003.	Development of a conceptual model of sediment processes in the upper Yuba River watershed using a distributed parameter watershed model (Hydrological Simulations Program-Fortran [HSPF]).	http://gsa.confex.com/gsa/2003AM/finalprogram/abstract_67330.htm
Geology and Soils	Fraser, W.A., and Howard, J.K.	2002	Guidelines for use of the Consequence-Hazard Matrix and selection of ground motion parameters.	Division of Safety of Dams, Department of Water Resources, State of California.	--	Relevant; cited in PAD text.	Discusses the development of ground motion parameters for proposed and existing dams undergoing review.	http://www.water.ca.gov/damsafety/docs/CHM.pdf
Geology and Soils	Fulton, A.A.	2008	Gravel for Salmon in Bedrock Channels: Elucidating Mitigation Efficacy Through Site Characterization, 2D-Modeling, and Comparison Along the Yuba River. CA	M.S. Thesis, University of California, Davis, CA, 110 p.	--	--		
Geology and Soils	Gard, M.	2007	Flow-habitat relationships for spring and fall-run Chinook salmon and steelhead/rainbow trout spawning in the Yuba River.	Draft report prepared by the Energy Planning and Instream Flow Branch of the USFWS, Sacramento, CA. April 19, 2007	--	--		
Geology and Soils	Gard, M.	2008	Flow-habitat relationships for juvenile spring/fall-run chinook salmon and steelhead/rainbow trout rearing in the Yuba River.	Draft report prepared by the Energy Planning and Instream Flow Branch of the USFWS, Sacramento, CA August 12, 2008	--	--		
Geology and Soils	Geomatrix	2004	Review of potential seismic sources and potential ground motions New Bullards Bar Dam.	Geomatrix. Prepared for Yuba County Water Agency, Project #9467, CA No. 1034.	--	Relevant; cited in PAD text.	Review of potential seismic sources for New Bullards Bra Dam; re-evaluation of existing infromation on potential seismic sources, establish controlling fault(s) and maximum credible earthquake and estimate range of ground motion.	HDR DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Gilbert, G.K.	1917	Hydraulic-Mining Debris in the Sierra Nevada.	U.S. Geological Survey Professional Paper 105, 154 p.	--	--		
Geology and Soils	Grant, G.E., J.C. Schmidt, and S.L. Lewis.	2003	A geological framework for interpreting downstream effects of dams on rivers	A Unique River. Water Science and Application 7. American Geophysical Union 10/1029/007WS13	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Analytical framework to predict geomorphic response to dams depending on the ratio of sediment supply below to that above dams (S*) and the fractional change in frequency of sediment-transporting flows (T*)	HDR DTA Bellingham: Hard copy

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	HDR	2009	Aerial Video - Yuba County Water Agency Yuba River Developmen Project (FERC Project NO. 2246)	Yuba County Water Agency	--	Relevant; cited in PAD and Channel Morphology Study Plan	Aerial video of Project streams and shorelines; Taped 10.06.09; Edited 11.10.09	HDR\DTA Bellingham: DVD
Geology and Soils	Hacker, Bradley R.	1993	Evolution of the northern Sierra Nevada metamorphic belt: Petrological, structural, and Ar/Ar constraints.	GSA Bulletin, v. 105, p. 637-656, May 1993.	--	Potentially relevant as background information but not used nor cited in text. Refer to Day and Bickford 2004	Discusses the importance of the record of the growth of continental crust from essentially oceanic materials. Provides ages of volcanic argillites in the Fiddle Creek complex of the Western belt	http://www.geol.ucsb.edu/faculty/hacker/viz/Hacker93_Evolution_Sierra_Nevada.pdf
Geology and Soils	Hacker, Bradley Russell.	1984	Stratigraphy and structure of the Yuba Rivers area, central belt, northern Sierra Nevada, California.	Shields Library Microcopy Collection LD781.D5j 1984 H315.	FWN PAD Questionnaire Response July 27, 2009.	Potentially relevant as background information but not used nor cited in text. Refer to Day and Bickford 2004 and Day et al. 1985.	Masters thesis discusses how the Cape Horn and Oregon Creek formations are displaced by three regionally extensive, steeply dipping Jurassic faults. Three petrographically distinct groups of plutons intrude the metamorphic rocks	Hard copy, U.C. Davis. Published:
Geology and Soils	Haskins, D. M., C. S. Correll, R. A. Foster, J. M. Chatoian, J. M. Fincher, S. Strenger, J.E. Keys, J. R. Maxwell, and T. King	1998	A geomorphic classification system.	U.S. Department of Agriculture Forest Service, Geomorphology Working Group, Washington.	--	Relevant; cited in PAD text as geomorphology mapping standards followed by USFS Adaptive Management Team.	A geomorphic classification system.	Could not locate
Geology and Soils	Henry, C.D., and M.E. Perkins	2001	Sierra Nevada-Basin and Range transition near Reno, Nevada: Two-stage development at 12 and 3 Ma	Geology, v. 29, p. 719-722	--	Relevant; cited in PAD as background geologic information	Discussion of the Sierra Nevada Basin and Range transition.	http://www.nbmq.unr.edu/staff/henry/HenryPerkinsSNv_B&RGeology01.pdf
Geology and Soils	Hoover, M.B, H.E. Rensch, E.G. Rensch, and W.N. Abeloe.	1990	Historic spots in California.	Stanford University Press, Stanford, California.	--	Relevant; cited in PAD text as part of EDAW 2006.	--	Cited by EDAW 2006
Geology and Soils	Hunerlach, M. P. Alpers C. N. and Marvin-DiPasquale M.	2005	Mercury and methylmercury distribution in sediments affected by historical gold mining, Sierra Nevada. California,	15th Annual Goldschmidt Meeting (The Geochemical Society), Moscow, Idaho. abstract published in Geochimica et Cosmochimica Acta, v. 69, No. 10, Supplement 1, p. A707; 2005 (invited talk, not given because of travel problems)	FWN PAD Questionnaire Response July 27, 2009	Relevant as general information in water quality section; did not use in Geology and Soils.	--	not located; refer to other Hunerlach papers
Geology and Soils	Hunerlach, M. P. Alpers C. N. Marvin-DiPasquale M. Taylor H. E. and De Wild J. F.	2004	Geochemistry of Mercury and other trace elements in fluvial tailings upstream of Daguerre Point Dam, Yuba River, California, August 2001.	Scientific Investigations Report 2004-5165, 66 p.; 2004.	FWN PAD Questionnaire Response July 27, 2009	Relevant as general information in water quality section; did not use in Geology and Soils.	Study designed to characterize the particle-size distribution and the concentrations of total mercury (HgT), methylmercury (MeHg), and other constituents in sediments trapped behind Daguerre Point Dam	http://pubs.usgs.gov/sir/2004/5165/
Geology and Soils	James Allan J. .	1989	Sustained Storage and Transport of Hydraulic Gold Mining Sediment in the Bear River, California	Annals of the Association of American Geographers; Volume 79(Issue 4): Page 570. (Abstract).	FWN PAD Questionnaire Response July 27, 2009	Potentially relevant background information, but outside project area and redundant to other James citations; not cited in text.	Large deposits of hydraulic gold mining sediment remain in main channels of the Bear River. Sustained storage and transport of hydraulic mining sediment in the Bear Basin are documented and a revised model of sediment transport is proposed	http://www.informaworld.com/smpp/content~content=a788950736&db=all

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	James, L. A.	2004	Tailings fans and valley-spur cutoffs created by hydraulic mining.	Earth Surface Processes and Landforms 29 (7) : 869-882.	--	Potentially relevant background information, but outside project area; not cited in text.	Tailing fans, valley-spur cutoffs, and the sediment they trap are described from contemporary accounts and recent field conditions in the Bear River watershed. These anthropogenic changes represent a major shift in the watershed from supply-limited to transport-limited sediment budgets and a change in geomorphic processes away from long-term drainage evolution dominated by incision processes.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L. A.	1995	Diversion of the Upper Bear River: Glacial Difffluence and Quaternary Erosion, Sierra Nevada, California.	Geomorphology. 14: 131-148.	--	Potentially relevant background information; not cited in text.	Morphologic evidence supports a hypothesis of dominantly sub-glacial erosion at an outlet glacier through the Yuba gorge where steep valley gradients, high shear stresses, and large meltwater discharges led to rapid erosion and formation of a deep V-shaped valley.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L. A.; Harbor, J.; Fabel, D.; Dahms, D.; and Elmore, D.	2002	Late Pleistocene Glaciations in the Northwestern Sierra Nevada, California.	Quaternary Research 57: 409-419.	--	Relevant. Cited in text.	Nine cosmogenic radionuclide surface exposure (CRSE) ages from striated bedrock along a steep valley transect average 14,100±1500 yr and suggest rapid late-glacial ice retreat from lower Fordyce Canyon with no subsequent extensive glaciations. These ages are generally consistent with glacial and pluvial records in east-central California and Nevada.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L. Allan.	1988	Historical transport and storage of hydraulic mining sediment in the Bear River, California.	PHD thesis; University of Wisconsin - Madison. 284 pp.	--	Relevant. Cited in text.	PhD dissertationdiscusses the timing of hydraulic mining sediment production, the volume and character of deposits, channel responses during and after the influx of sediment, and sustained reworking of the sediment more than 100 years after its introduction.	HDR DTA Bellingham: Hard copy.
Geology and Soils	James, L. Allan	2005	Sediment from hydraulic mining detained by Englebright and small dams in the Yuba Basin.	Geomorphology 71: 02-226; Elsevier.	FWN PAD Questionnaire Response July 27, 2009	Relevant as background information and somewhat redundant to other James' papers; not cited in text.	Examines history of the Yuba basin and resulting conditions pertinent to the feasibility of altering Englebright Dam.	HDR DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	James, L.A.	1999	Time and the persistence of alluvium: River engineering, fluvial geomorphology, and mining sediment in California.	Geomorphology 31: 265-290.	--	Relevant as background information; not cited in text.	Channel morphological changes in the Bear and American basins brought about by two episodes of sedimentation from hydraulic gold mining.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L.A.	2003	Glacial erosion and geomorphology in the northwest Sierra Nevada, California.	Geomorphology 55 (1-4): 283-303.	--	Relevant. Cited in text.	Description of glacially eroded features in the northwest Sierra and presents inferred linkages between erosional forms and Pleistocene glacial processes.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L.A.	1991	Quartz concentration as an index of sediment mixing: hydraulic mine-tailings in the Sierra Nevada, California.	Geomorphology 4: 125-144.	--	Relevant. Cited in text.	Conceptual model that summarizes the nature of sediment mixing in the Bear River basin through time and space.	HDR DTA Bellingham: Hard copy

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	James, L.A.	1996	Polynomial and power functions for glacial valley cross-section morphology.	Earth Surface Processes and Landforms 21: 413-432.	--	Relevant as background information; not cited in text.	Glacial, Geomorphology - This paper discusses an empirical evaluation of glacial trough cross-section shape that is performed on seven vertical cross-sections in three Sierra Nevada valleys glaciated during the late Quaternary. Power and second-order polynomial functions are fitted by statistical regression.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L.A. and Jerry D. Davis.	1994	Glaciation and Hydraulic Gold-Mining Sediment in the Bear and South Yuba Rivers, Sierra Nevada: field trip guide, April 1-3, 1994.	Association of American Geographers, San Francisco National Meeting.	--	Relevant. Cited in text.	Field trip to present concepts of landform change in the Yuba and Bear basins over time scales ranging from millions of years to the last few years.	HDR DTA Bellingham: Hard copy
Geology and Soils	James, L.A., Singer, M.B., Ghoshal, S., and Megison, M.	2009	Historical channel changes in the lower Yuba and Feather Rivers, California: Long-term effects of contrasting river-management strategies.	in James, L.A., Rathburn, S.L., and Whittecar, G.R., eds., Management and Restoration of Fluvial Systems with Broad Historical Changes and Human Impacts: Geological Society of America Special Paper 451, p. 57–81, doi: 10.1130/2008.2451(04)	--	--		
Geology and Soils	Jenkins, Dennis Bruce.	1980	Petrology and structure of the slate creek ultramafic body, Yuba County, California; 1980 Petrology and structure of the slate creek ultramafic body, Yuba County, California.	MSc Thesis, U.C. Davis.	FWN PAD Questionnaire Response July 27, 2009	Potentially relevant as background information specific to petrology but not used nor cited in text. Refer to Day et al. 1985.	Details of the Slate Creek ultramafic body in Yuba County. Plutons within the complex are variably deformed and metamorphoosed and have produced contact metamorphic zones where they intrude the ultramafic rocks.	U.C. Davis: Hard copy.
Geology and Soils	Kondolf, G.M.	1995	Managing bedload sediment in regulated rivers: Examples from California, USA. Natural and Anthropogenic Influences in Fluvial Geomorphology.	Geophysical Monograph 89. American Geophysical Union. 239 pp.	--	Relevant. Cited in text.	Contradictions of sediment management. Gravel extraction versus spawning gravel management and the disjunct between the two.	HDR DTA Bellingham: Hard copy.
Geology and Soils	Kondolf, G.M. And W.V. Mathews	1991	Management of Coarse Sediment in Regulated Rivers of California.	University of California, Berkeley.	--	Relevant as background information; not cited in text.	--	HDR DTA Sacramento
Geology and Soils	Lindgren, W.	1911	Tertiary Gravels of the Sierra Nevada of California.	U.S. Geological Survey Professional Paper 73.	FWN PAD Questionnaire Response July 27, 2009.	--	A reference for the gold-bearing Tertiary gravels of the Sierra Nevadas that produced so much of the placer gold during the California Gold Rush.	http://books.google.com/books?id=Ex9PRAACAAJ&dq=lindgren+tertiary&cd=4
Geology and Soils	Ludington, Steve, Moring, Barry C. , Miller, Robert J. , Flynn, Kathryn S. , Stone, Paul A. , and Bedford, David R.	2005	Preliminary integrated databases for the United States - Western States: California, Nevada, Arizona, and Washington.	U.S. Geological Survey Open-File Report OFR 2005-1305, U.S. Geological Survey, Reston, Virginia. USA.	--	Relevant. Cited in text.	BLM source for table of data for generalized geologic parent material.	BLM
Geology and Soils	May, J.T., Hothem, R.L., Alpers, C.N., and Law, M.A.	2000	May, J.T., Hothem, R.L., Alpers, C.N., and Law, M.A., 2000, Mercury bioaccumulation in fish in a region affected by historic gold mining: The South Yuba River, Deer Creek, and Bear River Watersheds, California, 1999	U.S. Geological Survey Open File Report 00-367, 30 p.	--	--		http://ca.water.usgs.gov/archive/reports/ofr00367/index.html
Geology and Soils	MBK	2006	Yuba County Multi-Jurisdictional Multi-Hazard Mitigation Plan Comprehensive Flood Study, Appendix A: Water Resources Review Document Summary Report.	MBK Engineers, Sacramento, CA, 67 p.	--	--		

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	McCain, M. D. Fuller L. Decker and K. Overton.	1990	Stream Habitat Classification and Inventory Procedures for Northern California Fish Habitat Relationships.	Currents, Fish Habitat Relationships Technical Bulletin . USDA Forest Service, San Francisco, California.; 1990. Notes: downloaded pdf.	FWN PAD Questionnaire Response July 27, 2009.	Relevant in habitat mapping report as part of Instream Flow section but not part of Geology and Soils.	Description of stream habitat inventory procedure that classifies and quantifies fish habitat in terms of channel features.	HDR\DTA O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References.
Geology and Soils	MEI	2008	Two-dimensional Modeling to Evaluate the Alternative 2-C Fish Screen Design Yuba River California.	Mussetter Engineering, Inc., Fort Collins, CO, 64 p.	--	--		
Geology and Soils	Merwin, R.W.	1968	Gold resources in the Tertiary gravels of California.	U.S. Bureau of Mines Technical Progress Report, Heavy Metals Program, no.3, 14 pp.	--	Relevant; cited in text (as cited in James 1988).	Details about gold within the tertiary gravels deposited by the ancestral Yuba River.	HDR\DTA Bellingham: Hard copy of James 1988.
Geology and Soils	Miller, M.C., I.N. McCave, and P.D. Komar	2005	Threshold of sediment motion under unidirectional currents	Sedimentology, v. 24, no. 4, pp. 507-525	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Discussion about appropriate values of Shiels's parameter in natural streams.	http://www.fhwa.dot.gov/engineering/hydraulics/pubs/03052/05.cfm
Geology and Soils	Moir, H.J. and G.B. Pasternak	2008	Interactions between meso-scale morphological unites, stream hydraulics and chinook salmon (<i>Onchohynchus tshawytscha</i>) spawning habitat on the lower Yuba River, California.	Geomorphology 100, p. 527-548.	--	Relevant; cited in text (as cited in Sawyer et al. 2009).	Prior study supporting more current work of Sawyer et al. (2009) - mapping and habitat assessment on lower Yuba.	HDR:DTA Bellingham: Hard copy of Sawyer et al. 2009.
Geology and Soils	Moir, H.J. and G.B. Pasternak	2010	Substrate requirements of spawning Chinook salmon (<i>Oncorhynchus tshawytscha</i>) are dependent on local channel hydraulics.	River Research and Applications 26:456-468.	--	--		
Geology and Soils	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.		FWN PAD Questionnaire Response July 27, 2009.	Not available at time of PAD preparation.	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	On FWN disc (pending).
Geology and Soils	Monahan, William J.	1970	Yuba River Story.	Yuba County Water Agency	SYRCL PAD Questionnaire Response July 17, 2009		Includes statistics and photographs of YRDP construction.	
Geology and Soils	Montgomery, D.R. and J.M. Buffington	1993b	Channel classification table (from TFW-SH10-93-002).	Endreny, T.A., 2003, Fluvial Geomorphology Module, UCAR COMET Program and NOAA River Forecast Center, http://www.fgmorph.com , Syracuse, NY	--	Relevant; cited in PAD text	Geomorphic classification system within fluvial geomorphology on-line training module. Developed by Montgomery and Buffington	http://www.fgmorph.com/fg_4_11.php
Geology and Soils	Montgomery, D.R. and J.M. Buffington	1993a	Channel classification, prediction of channel response, and assessment of channel condition.	Report TFW-SH10-93-002; prepared for the SHAMW committee of the Washington State Timber/Fish/Wildlife Agreement	--	Relevant; cited in PAD text	Process-based landscape and channel classification system as a framework to assessing watershed response to natural and anthropogenic environmental change.	HDR\DTA Bellingham: Hard copy
Geology and Soils	Montgomery, D.R. and J.M. Buffington	1997	Channel reach morphology in mountain drainage basins.	GSA Bulletin 109: 596-611	--	Relevant; cited in PAD text	A process-based framework within which to assess channel condition and response potential in mountain drainage basins.	HDR\DTA Bellingham: Hard copy
Geology and Soils	Mueller, E.R., J.Pitlick, and J.M. Nelson	2005	Variation in the reference Shield's stress for bedload transport in gravel-bed streams and rivers	Water Resources Research 41:W04006, DOI: 10.1029/2004WR003692	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Discussion about appropriate values of Shiels's parameter in natural streams.	HDR\DTA Bellingham: Hard copy

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Nevada Irrigation District (NID) and PG&E	2009	Technical Memorandum 3-5 Instream Flow, Attachment 3.5A Habitat Mapping and Channel Characterization Report for the Yuba-Bear Hydroelectric Project, FERC Project No. 2266.	NID	--	Relevant; cited in PAD text	data compiled from aerial videos, ground mapping, geologic, and topographic maps to assess habitat in Project streams of NID Yuba-Bear Project	HDR DTA Bellingham: DVD with report, photographs, and data
Geology and Soils	PG&E	2009	Technical Memorandum 3-5 Instream Flow, Attachment 3.5A Habitat Mapping and Channel Characterization Report for the Drum-Spaulding Hydroelectric Project, FERC Project No. 2266.	PG&E	--	Relevant; cited in PAD text	data compiled from aerial videos, ground mapping, geologic, and topographic maps to assess habitat in Project streams of PG&E's Drum-Spaulding Project	HDR DTA Bellingham: DVD with report, photographs, and data
Geology and Soils	Nevada Irrigation District (NID)	2010a	Technical Memorandum 2-4 Hydrologic Alteration Report for the Yuba-Bear Hydroelectric Project, FERC Project No. 2266.	NID	--	Relevant; cited in PAD text	data and analysis of hydrology for the NID's Yuba-Bear Projct	http://www.eurekasw.com/NID/default.aspx
Geology and Soils	Nevada Irrigation District (NID)	2010b	Technical Memorandum 9-1 Roads and Trails Report for the Yuba-Bear Hydroelectric Project, FERC Project No. 2266.	NID	--	Relevant; cited in PAD text	data and analysis of roads and trails for the NID's Yuba-Bear Project	http://www.eurekasw.com/NID/default.aspx
Geology and Soils	PG&E	1992	Yuba County Water Agency Our House Dam Sediment Removal Project.	Hydro and Engineering Department.	--	Relevant; cited in PAD text	Details of sediment removal from Our House Dam	HDR:DTA Bellingham: CD with files
Geology and Soils	PG&E	1997	Yuba County Water Agency 1997 Storm Damage Our House Diversion Restoration of Channel Pool and Dam	PG&E	--	Relevant; cited in PAD text	Details of sediment removal from Our House Dam	HDR DTA Bellingham: Hard copy
Geology and Soils	Pacific Stewardship Council	2007	Pacific Stewardship Council Narrows Planning Area. November 2007.		FWN PAD Questionnaire Response July 27, 2009	Not available at time of PAD preparation.	Pacific Stewardship Council Narrows Planning Area. November 2007.	On FWN disc (pending)
Geology and Soils	PG&E Geosciences Department and Piedmont GeoSciences, Inc.	2003	Regional Geology, Seismicity, and General Ground Motion Consideration for the Drum/Spaulding Hydroelectric System: Placer and Nevada Counties, California. July 31, 2003. Prepared for Hydro Generation Department of PG&E.	PG&E	--	Relevant as background information; not cited in text.	Compiles and summarizes the existing geologic and seismic information for the Drum/Spaulding hydroelectric system. This report accompanies a series of reports that utilize the available information to estimate seismic ground motions at 15 of the larger dams in the system	HDR DTA Bellingham: Hard copy
Geology and Soils	Page, W.E. and T.L. Sawyer	2004	Overview of the late Cenozoic faulting in the Sierra Nevada Foothills (including a reassessment of faults near Bullards Bar Dam).	Appendix E of Geomatrix 2004.	--	Relevant; cited in text as part of Geomatrix 2004	Summary of Cenozoic faulting in the Sierra Nevada foothills	HDR:DTA Bellingham: Hard copy of Geomatrix 2004.
Geology and Soils	Parker, Gary	2004	Surface and Substrate Median Sizes	National Center for Earth-Surface Dynamics. Stream Restoration Program. Enabling Landscape Sustainability.	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Discussion and methods to understand and quantify channel armoring.	http://74.125.95.132/search?q=cache:BFXZ21zHZu4J:vtchl.uiuc.edu/people/parkerg/_private/EnablerTools/BankfullDischageEstimator.ppt+dietrich+iked+armor&cd=7&hl=en&ct=clnk&gl=us
Geology and Soils	Pasternack, G.B.	2008	SHIRA-based river analysis and field-based manipulative sediment transport experiments to balance habitat and geomorphic goals on the lower Yuba River.	Cooperative Ecosystems Studies Unit (CESU) 81332 6 J002 Final Report, University of California at Davis, Davis, CA, 569pp	--	Relevant; cited in text as part of Sawyer et al. 2009.	Prior study supporting more current work of Sawyer et al. (2009) - mapping and habitat assessment on lower Yuba.	HDR:DTA Bellingham: Hard copy of Sawyer et al. 2009.
Geology and Soils	Pasternack, G.B.	2009	Current Status of an On-going Gravel Injection Experiment on the Lower Yuba River, CA.	--	--			

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Pasternak, G.B. and C.Eilers.	2009	Morphological unit and mesohabitat classification. In press. For discussion purposes only. Subject to revision.	Appendix X, Procedures and Protocols for Morphological Unt and Mesohabitat Classification, April 25, 2009.	--	Relvant; cited in text	The goals of the morphological unit and mesohabitat classification are to: (1) Identify mesohabitat units throughout the lower Yuba River; (2) Evaluate the quality, number, size and distribution of mesohabitats for various lifestages of adult and juvenile anadromous salmonids; and (3) Evaluate the maintenance of watershed processes in the lower Yuba River.	HDR\DTA O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Pasternack, G. B., Fulton, A. A., and Morford, S. L	2010	Yuba River analysis aims to aid spring-run Chinook salmon habitat rehabilitation.	California Agriculture 64:2:69-77.	--	--		
Geology and Soils	Petersen, K.	2003	Personal communication with K. Peterson of South Feather Water and Power Agency by Jay Stallman, August 14th.	Personal communicaion.	--	Relevant; cited in text	Details about large woody debris removal from South Feather facilities	HDR\DTA O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References (FLA for South Feather Power)
Geology and Soils	Petersen, K.	2004	Personal communication with K. Peterson of South Feather Water and Power Agency by Jay Stallman, August 3rd.	Personal communicaion.	--	Relevant; cited in text	Details about large woody debris removal from South Feather facilities	HDR\DTA O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References (FLA for South Feather Power)
Geology and Soils	Pfankuch, D.J.	1975	Stream reach inventory and channel stability evaluation.	USDA Forest Service, R1-75-002. Washington D.C., 26pp	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Methods developed to systemize measurements and evaluation of the resistive capacity of mountain stream channels to th edetachment of bed and bank materials and ability of channel to adjust ot changes in input variables.	HDR\DTA Bellingham: Hard copy
Geology and Soils	Richter, B.D., J.V. Baumgartner, J. Powell, and D.P. Braun	1996	A method for assessing hydrologic alteration within ecosystems	Conservation Biology 10:1163-1174	--	Relevant; cited in text	Suggested traditional IHA statistics used to characterize the hydrologic attributes of a stream	http://www.nature.org/initiatives/freshwater/files/assesshydroalt.pdf
Geology and Soils	Rosgen, D.L.	1996	Applied River Morphology	Wildland Hydrology, Pagosa Spring, Colorado.	--	Relevant; cited in PAD text	Classification system for rivers	HDR:DTA Bellingham: Book (Hard copy)
Geology and Soils	Ruediger, R. and J. Ward.	1996	Abundance and function of large woody debris in central Sierra Nevada streams.	FHR Currents, Fish Habitat Relationship Technical Bulletin No. 20. U.S. Forest Service, Pacific Southwest Region, Arcata, California [Prepared by Stanislaus National Forest, Sonora, California].	--	Relevant; cited in PAD text	LWD abundance and function in the Sierra Nevada	HDR\DTA Bellingham: Hard copy
Geology and Soils	Saucedo, G.J. and D.L. Wagner (compilers).	1992	Geological Map of the Chico Quadrangle.	California Dept of Cons., Division of Mines and Geology.	--	Relevant; cited in PAD text	Geologic map of the Chico area.	HDR\DTA Bellingham: Hard copy
Geology and Soils	Sawyer, A.M.	2006	Hydraulic Roughness of Willows on the banks of the Lower Yuba River in Timbuctoo Bend.	University of California, Davis, Term Paper for GEL 139 class.	--	--		
Geology and Soils	Sawyer, A.M., G.B. Pasternack, H.J. Moir, and A.A. Fulton.	2009	Riffle-pool maintenance and flow convergence routing observed on a large gravel-bed river	Geomorphology (2009), doi:10.1016/j.geomorph.2009.06.021.	--	Relevant; cited in PAD text	Multiple scales of channel non-uniformity and a dynamic flow regime caused the observed maintenance of the pool-riffle morphology through the mechanism of "flow convergence routing".	HDR\DTA Bellingham: Hard copy
Geology and Soils	Schwartz, D.P., F.H. Swan, R.E. Harpster, T.H. Rogers, and D.E. Hitchcock	1977	Surface faulting potential: Earthquake Evaluation Studies of the Auburn Dam Area, Volume 2.	Report by Woodward-Clyde Consultants to the U.S. Bureau of Reclamation, Denver; 135 p. plus appendices.	--	Relevant; cited in PAD text as part of PG&E and Piedmont 2003	Surface faulting potential in the project vicinity	HDR\DTA Bellingham: Hard copy of PG&E and Piedmont 2003

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Schweickert, R.A., N.L. Bogen, G.H. Birty, R.E. Hanson, and C. Merguerian.	1984	Timing and structural expression of the Nevadan Orogeny, Sierra Nevada, California.	GSA Bulletin v. 95; no.8; p. 967-979.	--	Relevant; cited in PAD text	Sierra Nevada orogeny	http://gsabulletin.gsapubs.org/content/95/8/967.abstract
Geology and Soils	Sierra Nevada Ecosystem Project (SNEP)	1996	Status of the Sierra Nevada Ecosystem Project Final Report to Congress.	Regents of the University of California.	--	Relevant; cited in PAD text	The website provides portions of the report by resource area. Click on "Index to Online Documents" and each section of the report is provided in pdf format.	http://ceres.ca.gov/snep/
Geology and Soils	Snyder N.P., Charles N. Alpers, Lorraine E. Flint, Jennifer A. Curtins, Margaret A. Hampton, Brian J. Haskell, and Dennis L. Nielson	2004	Report on the May-June 2002 Englebright Lake deep coring campaign: USGS Open-File Report 2004-1061.	USGS Open-File Report 2004-1061. 10 pp.	FWN PAD Questionnaire Response July 27, 2009	Relevant as background information; not cited in text.	E nglebright Reservoir coring program description.	http://pubs.usgs.gov/of/2004/1061/
Geology and Soils	Snyder, N. P., S. A. Wright, C. N. Alpers, L. E. Flint, C. W. Holmes, and D. M. Rubin	2006	Reconstructing depositional processes and history from reservoir stratigraphy: Englebright Lake, Yuba River, northern California.	J. Geophys. Res., 111, F04003, doi:10.1029/2005JF000451.	FWN PAD Questionnaire Response July 27, 2009	Relevant as background information; not cited in text.	Analyzed sediment cores from Englebright Lake in the context of hydrologic history, climate variation, and depositional processes.	HDR DTA: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Snyder, N.P.	2006	Using Stratigraphic and Hydrologic Data from the Yuba River System to Develop Reliable Sediment Transport Predictions.	CALFED Science Fellows Program. R/SF-6: 12.1.2002-11.30.2004.	--	Relevant as background information; not cited in text.	In 1998, a CALFED task force recommended studying the feasibility of removing or lowering the Englebright Dam to return steelhead trout and springrun salmon to the Upper Yuba River.	http://repositories.cdlib.org/csgc/rp/CFSny06 01
Geology and Soils	Snyder, N.P. and M.A. Hampton	2003	Preliminary Cross Section of Englebright Lake Sediments.	Open-File Report 03-397. Poster. Santa Cruz, California.	FWN PAD Questionnaire Response July 27, 2009	Relevant as background information; not cited in text.	Poster presents a cross-sectional portrait of the reservoir sediments, and explains how the figure was produced by integrating historic, field, and laboratory data sets.	http://geopubs.wr.usgs.gov/open-file/of03-397/
Geology and Soils	Snyder, N.P., D.M. Rubin, C.N. Alpers, J.R. Childs, J.A. Curtis, L.E. Flint, and S.A. Wright	2004	Estimating accumulation rates and physical properties of sediment behind a dam: Englebright Lake, Yuba River, northern California	Water Resources Research, Vol. 40: W11301, doi:10.1029/2004WR003279. 19 pp.	FWN PAD Questionnaire Response July 27, 2009	Relevant; cited in PAD text	Results of a thorough quantification of the contents of Englebright Lake, accomplished by extrapolating data from an extensive coring campaign. It also discusses the limitations of the methods and results, and their implications for a local habitat restoration program and future reservoir studies.	http://www2.bc.edu/%7Esnydemo/snyder_et al_2004.pdf
Geology and Soils	Snyder, N.P., D.M. Rubin, C.N. Alpers, J.R. Childs, J.A. Curtis, L.E. Flint, and S.A. Wright	2004	Rates and history of sediment accumulation behind Englebright Dam,	Abstract for 2004 CALFED Science Conference.	--	Relevant as background information; not cited in text.	Quantified the mass, physical properties, and emplacement history of the material deposited behind Englebright Dam.	http://www.agu.org/pubs/crossref/2004/2004WR003279.shtml
Geology and Soils	Snyder, N.P., D.M. Rubin, C.N. Alpers, J.R. Childs, J.A. Curtis, L.E. Flint, and S.A. Wright	2004	Sediment grain-size and loss-on-ignition analyses from 2002 Englebright Lake coring and sampling campaigns	USGS Open-File Report 2004-1080. 46 pp.	--	Relevant as background information; not cited in text.	Sedimentologic data from three 2002 sampling campaigns conducted in Englebright Lake. This work was done to assess the properties of the material deposited in the reservoir between completion of Englebright Dam in 1940 and 2002, as part of the Yuba River Studies Program.	http://pubs.usgs.gov/of/2004/1080/

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	South Feather Water and Power Agency (SFWPA)	2007	Application for a new license. Exhibit E. Geological Resources. Chapter E11.	South Feather Power Project. FERC Project No. 2088. March 2007	--	Relevant; cited in PAD text	Relevant details for "above project" from license application	HDR DTA: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	STATSGO	2008	U.S. General Soil Map for California.	Soil Survey Staff, Natural Resources Conservation Service. USDA.	--	Relevant as background information; not cited in text.	Soil data for the Project Area	http://soildatamart.nrcs.usda.gov
Geology and Soils	Stillwater Sciences (SWS)	2010 (in prep)	Yuba County Water Agency Sediment Pass-Through Program at Our House Dam Working Draft Operations and Monitoring Plan. Prepared for Yuba County Water Agency by Stillwater Sciences, March 2010. Not yet released.	YCWA	--	--	--	--
Geology and Soils	Surpless, B.E., D.F. Stockli, T.A. Dumitru, E.L. Miller, and K.A. Farley	2000	Post-15 Ma westward structural and therma encroachment of Basin and Range type extension into the northern Sierra Nevada	GSA Abstracts with Programs, v.32, no. 7, p. A43.	--	Relevant; cited in PAD text as part of PG&E and Piedmont 2003	Background and detail regarding Basin and Range extension.	HDR DTA Bellingham: Hard copy of PG&E and Piedmont 2003
Geology and Soils	SWRI	2003	Biological Assessment, Yuba River Development Project (Ferc No. 2246) Proposed License Amendment.	Surface Water Resources, Inc., Sacramento, CA, 127 p.	--	--		
Geology and Soils	SYRCL	In Press	SYRCL - Geomorphic and Hydrologic Analysis of Lower Yuba Reach between Daguerre and Hammond Park (Goldfields) – Expected release December 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	Not available at time of PAD preparation.	--	Not yet available
Geology and Soils	SYRCL	In Press	SYRCL Spatial Analysis of Yuba Rivers and Risk Assessment – Expected release April 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	Not available at time of PAD preparation.	--	Not yet available
Geology and Soils	Three Rivers Levee Improvement Authority (TRLIA)	2006	Draft Environmental Impact Report for the Feather River Levee Repair Project, an element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW Flood Control Study Team. August. Chapter 5-3 - Water Resources	State Clearinghouse No. 2006062071.	--	Relevant; cited in PAD text	Environmental details of Feather River Levee.	http://www.trlia.org/Feather%20River%20EIR.asp
Geology and Soils	Three Rivers Levee Improvement Authority (TRLIA)	2009	Evaluation of Groundwater Impacts from the Upper Yuba River South Levee Repair Activities.	Prepared by MWH for TRLIA, November 2009.	--	--		
Geology and Soils	Tinker, K. and E. Wohl	1998	A Primer on Berock Channels IN: Rivers over Rock: Fluvial Processes in Bedrock Channels.	Geophysical Monograph 107, American Geophysical Union. 323 pp.	--	Relevant; cited in PAD text	Comprehensive treatment of previous work on bedrock channels as central and important elements in the development of regional landscapes.	HDR DTA Bellingham: Hard copy (book)

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	U.S. Army Corps of Engineers	1998	Feasibility Report, Yuba River Basin Investigation, California. 1998.	U.S. Army Corps of Engineers	FWN PAD Questionnaire Response July 27, 2009	Not available. Not enough information to locate.	California passed a bill to adope and authorize a project for flood protection along the Feather and Yuba Rivers pursuant to the ACE report entitled "Yuba River Basin Investigation, California, Final Feasibility Report" dated April 1998.	Searched Army Corpy of Engineers data base for document - not located
Geology and Soils	U.S. Army Corps of Engineers (USACE)	2002	Analysis of the Yuba River Surface and Groundwater Flows in the Vicinity of Marysville, California.	Prepared by Tetra Tech. Sacramento, CA.	--	--		
Geology and Soils	U.S. Army Corps of Engineers (USACE)	2006	User's Manual. HEC-RAS River Analysis System. Version 4.0. November 2006	U.S. Army Corps of Engineers	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Users guide and guidance for using HEC-RAS	http://www.hec.usace.army.mil/software/hec-ras/documents/HEC-RAS_4.0_Reference_Manual.pdf
Geology and Soils	U.S. Army Corps of Engineers (USACE)	2007	Lower Yuba River Pilot Gravel Injection Project, Yuba And Nevada Counties, California. Draft Environmental Assessment.	--	--	--		
Geology and Soils	U.S. Army Corps of Engineers (USACE)	2008	HEC-RAS River Analysis System. Version 4.0.0. March 2008	U.S. Army Corps of Engineers	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Users guide and guidance for using HEC-RAS	http://www.hec.usace.army.mil/software/hec-ras/hecras-download.html
Geology and Soils	U.S. Army Corps of Engineers (USACE)	1989	Engineering and Design - Sedimentation Investigations of Rivers and Reservoirs Publication Number: EM 1110-2-4000. Publication Date: December 1989	U.S. Army Corps of Engineers	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	One dimensional steady state simulation model designed to analyze long-termed scour and deposition in rivers and reservoirs	http://140.194.76.129/publications/eng-manuals/em1110-2-4000/toc.htm
Geology and Soils	U.S. Army Corps of Engineers (USACE)	1981	Guidelines for the Calibration and Application of Computer Program HEC-6. Training Document No. 13. The Hydrologic Engineering Center, Davis, Calif	U.S. Army Corps of Engineers	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	One dimensional steady state simulation model designed to analyze long-termed scour and deposition in rivers and reservoirs	http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA106706
Geology and Soils	United States Forest Service (USFS).	2002	South Yuba Watershed Assessment	USDA Forest Service, Tahoe National Forest	--	Relevant; cited in PAD text	Description of ecological, social, and physical characteristics of the South Yuba Forest Service lands	HDR DTA Bellingham: Hard copy and pdf: O:\NID\PAD (S)\Geology and Soils\G&S Literature&Resources

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	United States Geological Service (USGS)	1982	Guidelines for Determining Flood Flow Frequency. Bulletin #17B of the Hydrology Subcommittee	USGS	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Provides guidelines and methods for calculating exceedances for flows.	http://water.usgs.gov/osw/bulletin17b/bulletin_17B.html
Geology and Soils	United States Geological Service (USGS)	2007	Bear-Yuba Watersheds Interagency Abandoned Mine Lands Project	USGS	--	Relevant as general information in water quality section; did not use in Geology and Soils.	Website contains links to USGS reports and papers regarding mercury contamination related to abandoned mines in the Yuba-Bear watershed.	http://ca.water.usge.gov/mercury/bear-yuba/
Geology and Soils	Unruh, J.R	1991	The uplift of the Sierra Nevada and implications for Late Cenozoic epeirogeny in the western Cordillera	Geol. Soc. America Bull., v. 103, n. 12, p. 1395-1404	--	Relevant; cited in PAD text as part of PG&E and Piedmont 2003.	Background and detail regarding Sierra Nevada orogeny.	HDR DTA Bellingham: Hard copy of PG&E and Piedmont 2003
Geology and Soils	Upper Yuba River Studies Program Team.	2003	Interim Report; Summary of Current Conditions in the Yuba Watershed. October 2003.	California Department of Water Resources	FWN PAD Questionnaire Response July 27, 2009	Relevant as background information; not cited in text.	Includes discussion and statistics concerning sediment processes, water quality, hydrology and fish passage. Salmon, Steelhead Fish Passage- This document presents information that is the result of preliminary data collection and field studies conducted by the Study Team to characterize current conditions in the Yuba River watershed and assess the potential for the river upstream of Englebright Dam to support wild Chinook salmon and steelhead.	HDR DTA Sacramento: Data\Client files\Yuba County Water Agency\Projects\YDRP Relicensing\Technical References\04- Aquatic Resources\Environ & Engr Refs--Aquatic Resources
Geology and Soils	US Geological Survey	Various	USGS Bathymetric geophysical surveys on Englebright Lake.	Various	FWN PAD Questionnaire Response July 27, 2009	Not enough information to locate specific references. Information likely contained in Snyder and Curtis references, which are cited in PAD text.	Data and discussion of debris sedimentation in Englebright Reservoir and possible results of removing Englebright Dam.	summary sheet: HDR DTA: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References\USGS_reports_UpperYuba_9Apr07.doc
Geology and Soils	USFS Tahoe National Forest	2010	Tahoe National Forest Geomorphology. Adaptive Management Services En, USFS, Unpublished Material.	USFS	--	Relevant; cited in PAD text.	Geomorphic data layer differentiating colluvial and eroding hillslopes.	HDR DTA Sacramento (data layer)
Geology and Soils	United States Department of Agriculture Forest Service, Tahoe National Forest and U.S. Department of the Interior, Bureau of Land Management (USFS and BLM)	2002	South Yuba Watershed Assessment	USFS	--	Relevant; cited in PAD text.	discussion of the Tertiary gold deposits in the Sierra Nevada	USDA Forest Service, Tahoe National Forest

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Vanoni, V.A. (ed.)	1975	Sedimentation Engineering	Prepared by the ASCE Task Committee for the Preparation of the Manual on Sedimentation of the Sedimentation Committee of the Hydraulics Division. American Society of Civil Engineers. ISBN: 0-87262-001-8	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Rport on sedimentation engineering that includes analysis of limitations and applications of relevant facts and data on sedimentation engineering. Used for Wentworth particle size classification.	HDR DTA Bellingham: Hard copy
Geology and Soils	Wakabayashi, J. and T. Sawyer.	2001	Stream Incision, Tectonics, Uplift, and Evolution of Topography of the Sierra Nevada, California .	Journal of Geology; 109(5): 539-562.	FWN PAD Questionnaire Response July 27, 2009	Relevant; cited in PAD text.	How stream incision, faulting, thermochronologic, and geobarometric data suggest that Sierra Nevada topography is a consequence of two periods of uplift.	HDR DTA Bellingham: Hard copy
Geology and Soils	WE&T (Water Engineering & Technology, Inc.)	1991	Geomorphic Analysis. and Bank Protection Alternatives for Sacramento River (RM 0-78), Feather River (RM 28-61), Yuba River (RM 0-11), Bear River (RM 0-17), American River (RM 0-23), and portions of Three Mile, Steamboat, Sutler, Miner, Georgiana, Elk and Cache Sloughs.	Prepared for: U.S. Army Corps of Engineers, Sacramento District, Sacramento, California. Contract No. DACW05-88-D-Q044, Delivery Order #14, (Modifications #01,#02), Delivery Order #15.	--	Relevant; cited in PAD text.	Prepared by Water Engineering & Technology, Inc., 419 Canyon Avenue, Suite 225, Fort Collins, Colorado 80521	HDR DTA Bellingham: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	WFPB (Washington Forest Practices Board)	1995	Board Manual: Standard Methodology for Conducting Watershed Analysis. Version 3.0. November 1995.	Washington Department of Natural Resources	--	Relevant; cited in PAD text.	Methods for conducting watershed analysis in Washington state.	HDR DTA Bellingham: Hard copy
Geology and Soils	White, J.Q.	2006	Independent Project: Characterizing the morphology of the anthropogenetically influenced Yuba River at Timbuctoo Bend.	University of California, Davis, Term Paper for GEL139 class.	--	--		
Geology and Soils	White, J.Q.	2008	Valley Width Controls on Riffle Location and Persistence on a Gravel Bed River.	M.S. Thesis, University of California, Davis, CA, 64 p.	--	--		
	White, J. Q., Pasternack, G. B., and Moir, H. J.	In Press	Valley width variation influences riffle-pool location and persistence on a rapidly incising gravel-bed river.	Geomorphology.	--	--		
Geology and Soils	Wolman, M.G.	1954	A method of sampling coarse river-bed material	Transactions of American Geophysical Union 35: 951-956	--	Relevant; cited in Channel Morphology Study Plan that is included as an attachment to the PAD	Method for quantifying substrate size using pebble counts.	HDR DTA Bellingham: Hard copy
Geology and Soils	Yarnell, Sarah M., J.H. Viers, and J.F. Mount	2010	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	BioScience 60(2): 114-127 doi: 10.1525/bio.2010.60.2.6	FWN PAD Questionnaire Response July 27, 2008	Not relevant as existing information; relevant to scientific inquiry and analysis.	Conceptual model for the ecology of the spring snowmelt recession based on the natural flow regime that relates the quantifiable components of magnitude, timing, and rate of change to abiotic and biotic factors that govern riverine processes	HDR DTA: O:\YCWA\PAD\Geology Soils YCWA\YCWA G&S References
Geology and Soils	Yuan, G.	1979	The Geomorphic Development of a Hydraulic Mining Site in Nevada County, California.	Unpublished Masters Thesis, Palo Alto: Applied Earth Sciences Department. Stanford University: 1979.	FWN PAD Questionnaire Response July 27, 2009	--	--	Stanford University: Hard copy

Table B-2 Geology and Soils.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Reference is:	Summary Description	Location
Geology and Soils	Yuba Accord River Management Team (YARMT)	2009	Lower Yuba River Accord Monitoring and Evaluation Program, Draft.	Planning Group of the Lower Yuba River Management Team	--	Relevant; cited in PAD text.	The M&E program was developed to guide the efficient expenditure of funds to evaluate the biological provisions of the Fisheries Agreement of the Yuba Accord. Monitoring and data collection activities implements via the M&E program will produce a data base for Yuba River Development Project	http://www.yubaaccordrmt.com/M%20%20E%20Plan%20and%20Analytics/M%20and%20E%20Plan%20June%202009.pdf
Geology and Soils	Yuba County	1993	Draft Environmental Impact Report for River Highlands Community Plan, section 4.11 Soils, Seismicity, and Geology.	--	--	--		
Geology and Soils	Yuba County Water Agency	2002	Initial Study and Proposed Mitigated Negative Declaration Feasibility of Tailwater Depression at New Colgate Powerhouse. An Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW and Flood Control Study Team. September 2002.	--	SYRCL PAD Questionnaire Response July 17, 2009; FWN PAD Questionnaire July 27, 2009	--	In addition to information on the operation and construction of Colgate, the study has tables of powerhouse, releases, storage and stage at New Bullards Bar and river flows at Colgate and below Englebright from 1/17/74 through 1/9/97.	--
Geology and Soils	Yuba County Water Agency	2003	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW, November 26, 2003.	--	FWN PAD Questionnaire Response July 27, 2009	--	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329-4019(8515506), Prepared for YCWA by EDAW, November 26, 2003.	--
Geology and Soils	Yuba County Water Agency	2006	Our House Dam Sediment Removal Project.	FERC Project No. 2246-CA	--	Relevant; cited in PAD text.	Details about sediment removal from Our House Dam.	HDR DTA Bellingham: CD with files
Geology and Soils	Yuba County Water Agency	2007	Draft Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord.	Prepared for the Department of Water Resources, Bureau of Reclamation and Yuba County Water Agency by HDR SWRI. June 2007.	--	--		
Geology and Soils	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord, October.	Prepared by HDR & Surface Water Resources, Inc	--	Relevant as background; not cited in text.	Document details how Yuba River flow management affects species that occur within the watershed.	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
Geology and Soils	Yuba County Water Agency	2009	Preliminary Information Package, Public Information, Hydrology Report. Yuba River Development Project, FERC Project No. 2246.	YCWA	--	--		
Geology and Soils	Yuba County Water Agency (YCWA)	2009	Yuba River Development Project Relicensing Preliminary Information Package	YCWA	--	Relevant; indeveloped by YCWA and used in PAD.	Existing conditions of Yuba County Development Project	< http://www.ycwa-relicensing.com/default.aspx >
Geology and Soils	Yuba County Water Agency.	1998	Narrows II Powerhouse Intake Extension: Proposed Mitigated Negative Declaration and Initial Study. Marysville CA: Yuba County Water Agency. October 1998.	--	FWN PAD Questionnaire Response July 27, 2009	--	--	--

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
All Resources	Yuba County Water Agency (YCWA)	1970	The Yuba River Story.	--	SYRCL PAD Questionnaire Response July 17, 2009	Includes statistics and photographs of YRDP construction.	Sacramento State Library
All Resources	Ayres Associates	1997	Yuba River Basin, California Project. Prepared for the U.S. Army Corps of Engineers, Sacramento District, Contract No. DACW05-92-C-0077; 1997.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
All Resources	USACE	1998	Feasibility Report, Yuba River Basin Investigation, California. 1998.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
All Resources	Yuba County Water Agency.	1998	Narrows II Powerhouse Intake Extension: Proposed Mitigated Negative Declaration and Initial Study. Marysville CA: Yuba County Water Agency. October 1998.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
All Resources	Yuba County Water Agency	2002	Initial Study and Proposed Mitigated Negative Declaration Feasibility of Tailwater Depression at New Colgate Powerhouse. An Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW and Flood Control Study Team. September 2002.	--	SYRCL PAD Questionnaire Response July 17, 2009; FWN PAD Questionnaire July 27, 2009	In addition to information on the operation and construction of Colgate, the study has tables of powerhouse, releases, storage and stage at New Bullards Bar and river flows at Colgate and below Englebright from 1/17/74 through 1/9/97.	--
All Resources	EDAW, Jones and Stokes and Flood Control Study Team.	2003	Environmental Impact Report for the Yuba-Feather Supplemental Flood Control Project. Prepared for Yuba County Water Agency; 2003; State Clearinghouse # 2001072062.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
All Resources	Yuba County Water Agency	2003	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW, November 26, 2003	--	FWN PAD Questionnaire Response July 27, 2009	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW. November 26, 2003	--
All Resources	EDAW and Flood Control Study Team	2004	Three Rivers Levee Improvement Authority. 2004. Final Environmental Impact Report for the Feather-Bear Rivers Levee Setback Project, an Element of the Yuba-Feather Supplemental Flood Control Project. (State Clearinghouse No. 2004072113.) Prepared by EDAW and Flood Control Study Team. November 2004.	--	SYRCL PAD Questionnaire Response July 17, 2009 Note this document has been updated. See Geology	--	http://www.trlia.org/Feather%20River%20EIR.asp .
All Resources	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	On FWN disc (pending)
All Resources	Pacific Stewardship Council	2007	Pacific Stewardship Council Narrows Planning Area. November 2007.	--	FWN PAD Questionnaire Response July 27, 2009	Pacific Stewardship Council Narrows Planning Area. November 2007.	On FWN disc (pending)
All Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	Prepared by HDR & Surface Water Resources, Inc	--	Document details how Yuba River flow management affects species that occur within the watershed	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
All Resources	Yarnell, Sarah et al.	2008	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	--	--	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	On FWN disc (pending)
All Resources	SYRCL	In Press	SYRCL Spatial Analysis of Yuba Rivers and Risk Assessment – Expected release April 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Aquatic Resources, Water Resources	Office of Technology Assessments (OTA).	1995	Fish Passage Technologies: Protection at Hydropower Facilities. OTAENV 641. Washington, DC: US. Government Printing Office; 1995.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Fish, Geology, Water Resources	Upper Yuba River Studies Program Team.	2003	Interim Report; Summary of Current Conditions in the Yuba Watershed. October 2003.	--	FWN PAD Questionnaire Response July 27, 2009	Includes discussion and statistics concerning sediment processes, water quality, hydrology and fish passage.	DTA Sacramento

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish, Geology, Water Resources	Upper Yuba Studies Program Study Team.	2003	Upper Yuba River Studies Program Study Team. 2003. Interim Report: Summary of Current Conditions in the Yuba River Watershed. October 2003.	--	FWN PAD Questionnaire Response July 27, 2009	Salmon, Steelhead Fish Passage- This document presents information that is the result of preliminary data collection and field studies conducted by the Study Team to characterize current conditions in the Yuba River watershed and assess the potential for the river upstream of Englebright Dam to support wild Chinook salmon and steelhead.	DTA Sacramento
Fish, Water Resources	Gard, Mark Freeman.	1994	Biotic and abiotic factors affecting native stream fishes in the South Yuba River, Nevada County, California : UC Davis; 1994Shields LibraryMicrocopy CollectionLD781.D5j 1994 G375. Notes: pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Fish, Water Resources	Matthews, K. R. and N. H. Berg.	1997	Rainbow trout responses to water temperature and dissolved oxygen stress in two southern California stream pools. Journal of Fish Biology. 1997; 50-67.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Fish, Water Temperature	Hokanson, K. E. F. C. F. Kleiner and T. W. Thorslund.	1977	Effects of constant temperatures and diel temperature fluctuations on specific growth and mortality rates of juvenile rainbow trout, Salmo gairdneri. J. Fish. Res. Board of Can. 34:639-848. 1977. Notes- ISMUD FILED IN THEIR FINAL LICENSE APPLICATION	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Fish, Water Temperature	Nielsen, J. L. T. E. Lisle and V. Ozaki.	1994	Thermally stratified pools and their use by steelhead in northen California streams. Transactions of the American Fisheries Society. 1994; 123:613-626.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Fish, Water Temperature	Myrick, C. A. and J. J. Cech Jr.	2001	Temperature Effects on Chinook Salmon and Steelhead: a Review Focusing on California's Central Valley Populations. Bay-Delta Modeling Forum Technical Publication 01-1; 2001.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Fish, Water Temperature	Bratovich, P. Pitts A. Niggemyer A. and Olsen D.	2003	Interim report, SP-F10, Task 3B, Steelhead Rearing Temperatures. Oroville Facilities Relicensing, FERC Project No. 2100: California State Department of Water Resources under the direction of Terry J. Mills; 2003. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Geology, Water Quality	Alpers, C. N. Hunerlach M. P. Marvin-DiPasquale M. Snyder N. P. and Krabbenhoft D. P.	2004	Mercury and methylmercury in the upper Yuba River watershed: Fluvial transport and reservoir sedimentation. Third Biennial CALFED Bay-Delta Program Science Conference Abstracts; Sacramento, CA. 2004p. 4. (talk).	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Geology, Water Quality	Hunerlach, M. P. Alpers C. N. Marvin-DiPasquale M. Taylor H. E. and De Wild J. F.	2004	Geochemistry of fluvial sediment impounded behind Daguerre Point Dam, Yuba River, California. U.S. Geological Survey Scientific Investigations Report 2004-516, 66 p.; 2004. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Geology, Water Quality	Alpers, C. N. Hunerlach M. P. May J. T. and Hothem R. L.	2005	Mercury contamination from historical gold mining in California. U.S. Geological Survey Fact Sheet 2005-3014, 6 p. : 2005.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Geology, Water Quality	Hunerlach, M. P. Alpers C. N. and Marvin-DiPasquale M.	2005	Mercury and methylmercury distribution in sediments affected by historical gold mining, Sierra Nevada. California,15th Annual Goldschmidt Meeting (The Geochemical Society), Moscow, Idaho. abstract published in Geochimica et Cosmochimica Acta, v. 69, No. 10, Supplement 1, p. A707; 2005 (invited talk, not given cause of travel problems).	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Geology, Water Resources	SYRCL	In Press	SYRCL - Geomorphic and Hydrologic Analysis of Lower Yuba Reach between Daguerre and Hammond Park (Goldfields) – Expected release December 2009.	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Quality	Central Valley Region Water Quality Control Board (CVRWQCB).	1995	The Water Quality Control Plan (Basin Plan) for the California Regional Water Quality Control Board, Central Valley Region, the Sacramento River Basin and the San Joaquin River Basin. Fourth Edition. 1995; Central Valley Region Water Quality Control Board (CVRWQCB).	--	FWN PAD Questionnaire Response July 27, 2009	--	--

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Water Quality	USDI Fish and Wildlife Service (FWS).	1998	Guidelines for Interpretation of the Biological Effects of Selected Constituents in Biota, Water, and Sediment. (U.S. Department of Interior report). 1998. Notes: downloaded pdf.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	Alpers, C. N. and Hunerlach M. P.	2000	Mercury contamination from historic gold mining in California. U.S. Geological Survey Fact Sheet FS-061-00, 6 p.; 2000.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	May, J. T. RL. Hothem CN. Alpers and M. A. Law.	2000	Mercury Bioaccumulation in Fish in a Region Affected by Historic Gold Mining: The South Yuba River, Deer Creek, and Bear River Watersheds, California, 1999. U.S. Geological Survey Open-File Report 00-367; 2000. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	U.S. Environmental Protection Agency (USEPA).	2000	Water Quality Standards; Numeric Criteria for Priority Toxic Pollutants for the State of California [California Toxics Rule]. (40 CFR 131.38) . 2000. Notes: downloaded pdf.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	Alpers, C. N. Hunerlach M. P. Taylor H. E. Marvin-DiPasquale M. P. Kuwabara J. S. and Krabbenhoft D. P.	2003	Preliminary results of mercury and methylmercury transport studies in the Bear River and Yuba River watersheds 1999–2002. CALFED Science Conference 2003, Sacramento, Calif. (talk); 2003.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	Slotton, D. G. Ayers S. M. Alpers C. N. and Goldman C. R.	2004	Bioaccumulation legacy of Gold Rush mercury in watersheds of the Sierra Nevada of California. Third Biennial CALFED Bay-Delta Program Science Conference Abstracts; Sacramento, CA. 2004: p. 388. (poster).	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	Alpers, C. N. Hunerlach M. P. Marvin-DiPasquale M. C. May J. T. Hothem R. L. Saiki M. K. Stewart A. R. Kuwabara J. S. Taylor H. E. and Krabbenhoft D. P.	2005	Mercury cycling and bioaccumulation in fish in northern Sierra Nevada watersheds contaminated by historical gold mining. American Fisheries Society California-Nevada and Humboldt Chapters Symposium and 38th Annual Meeting, Redding, Calif. 2004: Program, unnumbered pages. (invited talk)	--	FWN PAD Questionnaire Response July 27, 2009	USGS – UYRSP Progress report page 9 of 11 Nov. 15, 2005.	--
Water Quality	Alpers, C. N. Hunerlach M. P. Marvin-DiPasquale M. May J. T. Hothem R. L. Saiki M. K. Stewart A. R. Kuwabara J. S. Taylor H. E. and Krabbenhoft D. P.	2005	Mercury contamination, methylation, and bioaccumulation associated with historical gold mining, Sierra Nevada. California Geological Association of Canada /Mineralogical Association of Canada (GAC/MAC); Halifax, Nova Scotia, Canada. 2005(invited talk; keynote address, presented by J Ryuba)	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Quality	Alpers, C. N. Hunerlach M. P. May J. T. Hothem R. L. Taylor H. E. Antweiler R. C. De Wild J. F. and Lawler D. A.	2005	Geochemical characterization of water, sediment, and biota affected by mercury contamination and acidic drainage from historical gold mining, Greenhorn Creek, Nevada County, California, 1999–2001. U.S. Geological Survey Scientific Investigations Report 2004-5251, 278 p. 2005.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Resources	Hugo, F. E. G. Brown and W. E. Warne.	1964	Yuba and Bear Rivers Basin Investigation. The Resources Agency of California Department of Water Resources; 1964; Bulletin No. 115.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Resources	State of California, Department of Water Resources DWR.	1966	Surface Water Hydrology of the Yuba-Bear Rivers Hydrographic Unit. 1966 (Internal Report. November.).	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Resources	Yuba County Water Agency	1966	Series A – Yuba County Water Agency Bond Issuance May 5, 1966	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency	1977	Series B bonds - Yuba County Water Agency First Supplemental Resolution June 14, 1977	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	USACE	1990	Initial Appraisal Report, Marysville/Yuba City Area. 1990.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Resources	Yuba County Water Agency.	1990	Present and Projected Water Requirements of Districts in Yuba County. Sacramento CA: Bookman-Edmonston Engineering, Inc. February 1990.	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	USACE	1992	Harry L. Englebright Lake Operational Management Plan . Sacramento, California; 1992.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Resources	U.S. Army Corps of Engineers (USACE).	1993	Design Memorandum, Sacramento River Flood Control Project, California,Marysville/Yuba City Area, Phase II. 1993.	--	FWN PAD Questionnaire Response July 27, 2009	--	--

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Water Resources	Bookman-Edmonston	1999	Bookman Edmonston Technical Memo. Yuba River Basin Model: Operations and Simulation Procedures. Unpublished Work May 1999.	--	FWN PAD Questionaire Response July 27, 2009	Bookman Edmonston Technical Memo. Yuba River Basin Model: Operations and Simulation Procedures. Unpublished Work May 1999.	On FWN disc.
Water Resources	Bookman-Edmonston	1999	Yuba River Basin Model: Operations and Simulation Procedures. Prepared for YCWA by Bookman Emdmonston. 1999.	--	FWN PAD Questionaire Response July 27, 2009	General overview of YCWA’s operations. It examines YCWA’s obligations through its agreements and licenses and discusses various flow requirements at different points in the YRDP.	On FWN disc.
Water Resources	Yuba County Water Agency	1999	Yuba County Water Agency "Supplemental Flood Control Program on the Yuba River" Bookman-Edmonston et al, June 1999.	--	SYRCL PAD Questionaire Response July 17, 2009	One of the flood control alternatives considered is an 80 foot raise of Englebright dam to an elevation of 617 feet. The work would require demolishing the upper 40 feet of the existing structure and relocating Colgate. The study also looks at building the Waldo Dam project, which would require extensive modifications to Englebright. Again, the assumption is the Agency has the right to do this on a federal project.	--
Water Resources	Yuba County Water Agency.	1999	Appendices Report on Phase II Formulation and Analyses of Alternatives for Supplemental Flood Control Program on the Yuba River. Prepared for Yuba County Water Agency by Bookman-Edmonston Engineering, Inc. June 1999.	--	FWN PAD Questionaire Response July 27, 2009	Appendices Report on Phase II Formulation and Analyses of Alternatives for Supplemental Flood Control Program on the Yuba River. Prepared for Yuba County Water Agency by Bookman-Edmonston Engineering, Inc. June 1999.	--
Water Resources	Yuba County Water Agency.	2000	September 2000. Report of Phase II. Formulation and Analyses of Alternatives form Supplemental Flood Control Program on the Yuba River. Bookman-Edmonston Engineering; GEI Consultants, Inc.; Henwood Energy Services, Incl; Jones and Stokes Associates; Murray, Burns and Kienlen; Bartkiewicz, Kronick and Shanahan; Deen and Black Public Relations.	--	SYRCL PAD Questionaire Response July 17, 2009	--	--
Water Resources	MBK Engineers.	2002	Report on Feasibility, Yuba-Feather Supplemental Flood Control Project, Appendix B, Flood Operations. Prepared for Yuba County Water Agency. 2002.	--	FWN PAD Questionaire Response July 27, 2009	--	--
Water Resources	Yuba County Water Agency	2002	Report on Feasibility of Tailwater Depression at New Colgate Powerhouse, an Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by Flood Control Study Team. October 2002.	--	SYRCL PAD Questionaire Response July 17, 2009	--	--
Water Resources	Rosenberg, David E.	2003	Simulation of cooperative water supply and flood operations for two parallel reservoirs on the Feather and Yuba Rivers, California; 2003masters. Simulation of cooperative water supply and flood operations for two parallel reservoirs on the Feather and Yuba Rivers, California.	--	FWN PAD Questionaire Response July 27, 2009	--	--
Water Resources	HDR, Kennith Myers	2004	Technical Memorandun Alternatives Analysis. Reclamation District No. 784 Design of Bear River and WP Interceptor Canal Levees Improvments Project. 2004. Notes: downloaded pdf	--	FWN PAD Questionaire Response July 27, 2009	--	--

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Water Resources	State Water Resources Control Board	2005	SWRCB Water Rights Order 2005_0025 for Final Yuba Accord	--	FWN PAD Questionnaire Response July 27, 2009	SWRCB Water Rights Order 2005_0025 for Final Yuba Accord	--
Water Resources	Yuba County Water Agency	2005	YCWA Letter to FERC re: Application for License Amendment 2005 – 20050401- 0164(8515814)	--	FWN PAD Questionnaire Response July 27, 2009	YCWA Letter to FERC re: Application for License Amendment 2005 – 20050401- 0164(8515814)	--
Water Resources	Yuba County Water Agency.	8/8/2001	Narrows II Bypass Project Proposal.	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Federal Energy Regulatory Commission (FERC)	--	Annotated FERC License	--	FWN PAD Questionnaire Response July 27, 2009	Annotated FERC License	--
Water Resources	Federal Energy Regulatory Commission (FERC)	--	FERC License Narrows I. Pacific Gas and Electric.	--	FWN PAD Questionnaire Response July 27, 2009	FERC License Narrows I. Pacific Gas and Electric.	--
Water Resources	Federal Energy Regulatory Commission (FERC)	--	FERC License PG&E for Narrows 1	--	FWN PAD Questionnaire Response July 27, 2009	FERC License PG&E for Narrows 1	--
Water Resources	Federal Energy Regulatory Commission (FERC)	--	FERC Order 1968 – 1003 – Amendment of License and Authorizing Construction	--	FWN PAD Questionnaire Response July 27, 2009	FERC Order 1968 – 1003 – Amendment of License and Authorizing Construction	--
Water Resources	Federal Energy Regulatory Commission (FERC)	--	FERC Order 2005 – 1122 – Approval of Narrows 2 Full Flow Bypass	--	FWN PAD Questionnaire Response July 27, 2009	FERC Order 2005 – 1122 – Approval of Narrows 2 Full Flow Bypass	--
Water Resources	Federal Energy Regulatory Commission (FERC)	--	FERC Order Amending License 1966 – 0506	--	FWN PAD Questionnaire Response July 27, 2009	FERC Order Amending License 1966 – 0506	--
Water Resources	PG&E and Yuba County Water Agency	--	PG&E_YCWA Power Purchase Agreement	--	FWN PAD Questionnaire Response July 27, 2009	PG&E_YCWA Power Purchase Agreement	--
Water Resources	USACE and Yuba County Water Agency	--	ACOE and YCWA Agreement for Operations of Narrows II at Englebright	--	FWN PAD Questionnaire Response July 27, 2009	ACOE and YCWA Agreement for Operations of Narrows II at Englebright	--
Water Resources	USACE and PG&E	--	ACOE and PG&E Agreement for Operations of Narrows I at Englebright	--	FWN PAD Questionnaire Response July 27, 2009	ACOE and PG&E Agreement for Operations of Narrows I at Englebright.	--
Water Resources	Yuba County Water Agency	--	YCWA Conjunctive Use Project #14A_B	--	FWN PAD Questionnaire Response July 27, 2009	YCWA Conjunctive Use Project #14A_B	--
Water Resources	Yuba County Water Agency	--	YCWA Resolution	--	FWN PAD Questionnaire Response July 27, 2009	YCWA Resolution	--
Water Resources	Yuba County Water Agency	--	YCWA Hydropower Pamphlet	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency	--	Yuba County Water Agency Commemorative Hydropower Project Pamphlet	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency	--	Yuba County Water Agency Official Statement Relating to \$160,740,000 Yuba River Development Bonds, Series A	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency and Brophy Water District	--	YCWA and Brophy Water District water purchase agreement – Contract, First Amendment, and Second Amendment	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Water Resources	Yuba County Water Agency and Browns Valley Irrigation District	--	YCWA and Browns Valley Irrigation District – Contract	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency and Codua Irrigation District	--	YCWA and Cordua Irrigation District – Contract and First Amendment	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency and Dry Creek Mutual Water District	--	YCWA and Dry Creek Mutual Water Company – Contract	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency and Rameriz Water District	--	YCWA and Ramirez Water District – Contract and First Amendment	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	Yuba County Water Agency and South Yuba Water District	--	YCWA and South Yuba Water District – Contract and First Amendment	--	SYRCL PAD Questionnaire Response July 17, 2009	--	--
Water Resources	State Water Resources Control Board	--	Water Right Decision 1644.	--	FWN PAD Questionnaire Response July 27, 2009	Establishes instream flows below Englebright.	--
Water Resources	Yuba County Water Agency.	--	YCWA Resolution No. 66-13	--	SYRCL PAD Questionnaire Response July 17, 2009	Discussion of bonds making YRDP viable.	--
Water Resources	Bookman-Edmonston.	1992	Report on Water Temperature Modeling on the Yuba River.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Water Resources	Deas, Michael L.	1999	Yuba River Temperature Montoring Project.	Prepared for the US Fish and Wildlife Service Sacrament/San Joaquin River fisheries Restoration Office.	NMFS	Model covers Middle, South and Lower Yuba River.	www.fws.gov/stockton/afrp/documents/Yubatemp_final.PDF
Water Resources	Yuba County Water Agency.	1998	Narrows II Powerhouse Extension: Project Proposal.	--	FWN PAD Questionnaire Response July 27, 2009	Project proposal to change the intake of water at Englebright in order to release colder water from Narrows II powerhouse.	--
Water Resources	USACE	1972	New Bullard’s Bar Reservoir Regulation for Flood Control Manual	--	Cited in text.	--	--
Water Resources	Slotton, D.O., S.M. Ayers, J.E. Reuter, and C.R Goldman	1995	Gold mining impacts on food chain mercury in northwestern Sierra Nevada streams. Technical Completion Report for the University of California Water Resources Center, Project W-816, August 1995, 46 pp.	--	Cited in text.	--	--
Water Resources	Slotton, D.O., S.M. Ayers, J.E. Reuter, and C.R Goldman	1997	Gold mining impacts on food chain mercury in northwestern Sierra Nevada streams: Appendix B. In Larry Walker Associates. 1997. Sacramento River watershed mercury control planning project: report for the Sacramento Regional County Sanitation District. 74 pp.	--	Cited in text.	--	--
Water Resources	Central Valley Regional Water Quality Control Board (CVRWQCB)	1998	Basin Plan. Fourth Edition, The Sacramento River Basin and the San Joaquin River Basin. State of California 1998. Regional Water Quality Control Board, Central Valley Region. Revised in October 2007 with the Approved Amendments	--	Cited in text.	--	--
Water Resources	Hunerlach, M.P. Rytuba, J.J., and Alpers, C.N.	1999	Mercury contamination from hydraulic placer-gold mining in the Dutch Flat mining district, California, in 1999, Morganwalp, D.W., and Buxton, H.T., editors, U.S. Geological Survey Toxic Substances Hydrology Program -- Proceedings of the Technical Meeting, Charleston, South Carolina, March 8-12, 1999, U.S. Geological Survey Water-Resources Investigations Report 99-4018B, p. 179-189	--	Cited in text.	--	--
Water Resources	May, J.T., R.L. Hothem, C.N. Alpers and M.A. Law	1999	Mercury Bioaccumulation in Fish in a Region Affected by Historic Gold Mining: The South Yuba River, Deer Creek, and Bear River Watersheds, California, 1999.	U.S. Geological Survey Open-File Report 00-367; 2000.	Cited in text.	--	--

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Water Resources	United States Fish and Wildlife Service (USFWS)	1999	Yuba River Temperature Monitoring Project.	Prepared for the United States Fish and Wildlife Service Sacramento/San Joaquin River Fishery Restoration Office. 19 pp. February 1999	Cited in text.	--	--
Water Resources	Larry Walker and Associates (LWA)	2000	Sacramento River Watershed Program Annual Monitoring Report: 1998–1999.	--	Cited in text.	--	< http://www.sacriver.org/monitoring/reports.php >
Water Resources	Central Valley Regional Water Quality Control Board (CVRWQCB)	2002	Amendment to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins for Bacteria. Staff Report and Functional Equivalent Document. Final Report. September.	State of California Regional Water Quality Control Board, Central Valley Region. R5-2002-0150.	Cited in text.	--	--
Water Resources	State Water Resources Control Board (SWRCB)	2002	Enterococcus, E. coli, and Algae Data for South Yuba River.	--	Cited in text.	--	--
Water Resources	Office of Environmental Health Hazard Assessment (OEHHA)	2003	Draft Report and Health Advisory for Fish from Selected Water Bodies in the Bear River, South Yuba River, and Deer Creek Watersheds (Nevada, Placer, and Yuba Counties) a fact sheet by Office of Environmental Health Hazard Assessment - California Environmental Protection Agency. February	--	Cited in text.	--	http://www.oehha.ca.gov/public_info/facts/fishfacts.html
Water Resources	Alpers, C.N. et al.	2005	Mercury contamination, methylation, and bioaccumulation associated with historical gold mining, Sierra Nevada, California. Abstract.	--	Cited in text.	--	
Water Resources	Jones & Stokes	2005	Lake Wildwood Wastewater Treatment Plant Improvement Project. Phase IIA Baseline Yuba River Technical Studies.	--	Cited in text.	--	
Water Resources	California Department of Water Resources (DWR)	2006	Project Effects on Water Quality Designated Beneficial Uses for Surface Waters. Study Plan W1. Oroville Facilities Relicensing. FERC License P-2100. State of California.	The Resources Agency	Cited in text.	--	http://www.water.ca.gov/orovillereLICensing/wg-reports_EWG.cfm
Water Resources	South Yuba River Citizens League (SYRCL)	2006	State of the Yuba: An Assessment of the Yuba River Watershed. 55pp.	--		--	
Water Resources	State Water Resources Control Board (SWRCB)	2006	2006 Clean Water Act Section 303(d) List of Water Quality Limited Segments. Approved by the SWRCB: June 28, 2007.	--	Cited in text.	--	< http://www.waterboards.ca.gov/water_issues/programs/tmdl/303d_lists2006_epa.shtml >
Water Resources	California Department of Water Resources (DWR)	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord.	Prepared by HDR & Surface Water Resources, Inc for DWR, Yuba County Water Agency and US Department of the Interior-Bureau of Land Reclamation, October 2007.	Cited in text.	--	--
Water Resources	Davis J.A., J. L. Grenier, A. R. Melwani, S. N. Bezalel, E. M. Letteney, E. J. Zhang and M. Odaya.	2007	Bioaccumulation of Pollutants in California Waters: A Review of Historic Data and Assessment of Impacts on Fishing and Aquatic Life.	San Francisco Estuary Institute.	Cited in text.	--	www.sfei.org
Water Resources	Grenier, J.L., A. Melwani, J. Hunt, S. Bezalel, J. Davis, G. Ichikawa, B. Jakl, W. Heim, A. Bonnema and M. Gassel	2007	California Bay-Delta Authority Fish Mercury Project: Year 1 Annual Report Sport Fish Sampling and Analysis.	San Francisco Estuary Institute, Oakland, CA. CBDA Project # ERP 02D-P67 May.	Cited in text.	--	< http://www.sfei.org/cmr/fishmercury/DocumentsPage.htm >
Water Resources	Melwani, A. R., S. Bezalel, J.A. Hunt, J.L. Grenier, A.H. Robinson, and J. Davis	2007	California Bay-Delta Authority Fish Mercury Project, Year 2 (2006) Annual Report. Sport Fish Sampling and Analysis	San Francisco Estuary Institute	Cited in text.	--	www.sfei.org

Table B-3 Water Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Water Resources	South Yuba River Citizens League (SYRCL)	2007	Unpublished data. 2007. Yuba River Water Quality Monitoring.	--	Cited in text.	--	--
Water Resources	Yuba County Water Agency and United States Bureau of Reclamation	2007	Draft Environmental Impact Report/Environmental Impact Statement for Proposed Lower Yuba River Accord	Draft Environmental Impact Report/Environmental Impact Statement for Proposed Lower Yuba River Accord.	Cited in text.	--	--
	Chu, L., A. Wehrmann, B. Hammock, H. Calanchini, P. Grof-Tisza, M. Turner, M. Johnson	2008	Bacteria Monitoring Inventory of California’s Freshwater Beaches, 2008	Prepared for the State Water Resources Control Board’s Surface Water Ambient Monitoring Program , 2008. (SWAMP). Aquatic Ecosystems Analysis Laboratory Center for Watershed Sciences, John Muir Institute of the Environment, University of California, Davis. Final Report. March 31.	Cited in text.	--	www.swrcb.ca.gov
	Jay A. Davis, Jay A., Ben K. Greenfield, Gary Ichikawa, Mark Stephenson.	2008	Mercury in sport fish from the Sacramento–San Joaquin Delta region, California, USA	--	Cited in text.	--	--
	Central Valley Regional Water Quality Control Board (CVRWQCB)	2009	Clean Water Act Sections 305(b) and 303(d) Integrated Report of the Central Valley Region. Draft Final Staff Report.	--	Cited in text.	--	www.swrcb.ca.gov/centralvalley/water_issues/tmdl/impaired_waters_list/303d_list.shtml
	Nevada Irrigation District	2009	Technical Memorandum 3-5 Instream Flow, Attachment 3-5A Habitat Mapping and Channel Characterization Report for the Yuba-Bear Hydroelectric Project, FERC Project No. 2266.	--	Cited in text.	--	
	Office of Environmental Health Hazard Assessment (OEHHA)	2009	2009 Update of California Sport Fish Advisories.	California Environmental Protection Agency.	Cited in text.	--	http://www.oehha.ca.gov/fish/so_cal/index.html
	Pacific Gas and Electric (PG&E)	2009	Technical Memorandum 3-5 Instream Flow, Attachment 3-5A Habitat Mapping and Channel Characterization Report for the Drum-Spaulding Project, FERC Project No. 2310.	--	Cited in text.	--	
	United States Environmental Protection Agency (USEPA)	2009	STORET Legacy Data Center	--	Cited in text.	--	http://www.epa.gov/storpubl/legacy/gateway.htm. (Accessed June 2009)
	United States Geologic Survey (USGS)	2009	National Water Information System: Web Interface.	--	Cited in text.	--	http://waterdata.usgs.gov/ca/nwis/inventory. (Accessed June 2009).
	Yuba County Water Agency (YCWA)	2009	Yuba River Development Project relicensing Preliminary Information Package.	--	Cited in text.	--	<http://www.ycwa-relicensing.com/default.aspx>
	Central Valley Regional Water Quality Control Board (CVRWQCB)	2010	Clean Water Act Sections 305(b) and 303(d) Integrated Report for the Central Valley Region. Public Review Draft.	--	Cited in text.	--	<http://www.swrcb.ca.gov/centralvalley/water_issues/tmdl/impaired_waters_list/303d_list.shtml>
	UYRSP	2003-2007	--	--	Cited in text.	--	--

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
All Resources	Anonymous	1998	Feasibility Report, Yuba River Basin Investigation, California.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
All Resources	Ayres Associates	1997	Yuba River Basin, California Project. Prepared for the U.S. Army Corps of Engineers, Sacramento District, Contract No. DACW05-92-C-0077.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
All Resources	EDAW and Flood Control Study Team	2004	Three Rivers Levee Improvement Authority. 2004. Final Environmental Impact Report for the Feather-Bear Rivers Levee Setback Project, an Element of the Yuba-Feather Supplemental Flood Control Project. (State Clearinghouse No. 2004072113.) Prepared by EDAW and Flood Control Study Team. November 2004	--	SYRCL PAD Questionnaire Response July 17, 2009 Note this document has been updated. See Geology	--	http://www.trlia.org/Feather%20River%20EIR.asp .
All Resources	EDAW, Jones and Stokes and Flood Control Study Team.	2003	Environmental Impact Report for the Yuba-Feather Supplemental Flood Control Project. Prepared for Yuba County Water Agency; 2003; State Clearinghouse # 2001072062.	--	FWN PAD Questionnaire Response July 27, 2009	Regional background information.	Do not have; have mit neg dec, though. State Clearinghouse #2003 2001072062
All Resources	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
All Resources	SYRCL	In Press	SYRCL Spatial Analysis of Yuba Rivers and Risk Assessment – Expected release April 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	--	SYRCL (to be provided)
All Resources	Yarnell, Sarah et al.	2008	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	--	--	--	HDR DTA Sacramento
All Resources	Yuba County Water Agency	2002	Initial Study and Proposed Mitigated Negative Declaration Feasibility of Tailwater Depression at New Colgate Powerhouse. An Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW and Flood Control Study Team. September 2002.	--	SYRCL PAD Questionnaire Response July 17, 2009; FWN PAD Questionnaire July 27, 2009	In addition to information on the operation and construction of Colgate, the study has tables of powerhouse, releases, storage and stage at New Bullards Bar and river flows at Colgate and below Englebright from 1/17/74 through 1/9/97	HDR DTA Sacramento
All Resources	Yuba County Water Agency	2003	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW, November 26, 2003	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
All Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	Prepared by HDR SWRI	--	Document details how Yuba River flow management affects species that occur within the watershed	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
All Resources	Yuba County Water Agency.	1998	Narrows II Powerhouse Intake Extension: Proposed Mitigated Negative Declaration and Initial Study. Marysville CA: Yuba County Water Agency. October 1998.	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Amphibians, RT&E Species Resources	Allen M.F, and T. Tennent.	2000	Evaluation of Critical Habitat for the California Red Legged Frog. Center for Conservation Biology, University of California at Riverside. 2000. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	General information. Aspects of the proposed critical habitat for California red-legged frog are reviewed. Does not include new information. The review is critical of certain aspects,including lack of specific criteria for designation of critical habitat, the approach for controlling introduced species and critical habitat units for the southernmost occurrences of California red-legged frog	HDR DTA Sacramento
Amphibians	California Academy of Sciences	1989	Final report of the status of the California redlegged frog (<i>Rana aurora draytonii</i>) in the Pescadero Marsh Natural Preserve. California Academy of Sciences, 56 pp.	--	FWN PAD Questionnaire Response July 27, 2009	Unavailable - have not reviewed (likley to represent general information)	Do not have -- Request a copy
Amphibians	California Department of Fish and Game (CDFG).	2001	Fish and Amphibian Inventory Data Sheet Instructions. Version 1.0. Based on fish and amphibian survey protocols developed by R. Knapp. Sierra Nevada Aquatic Research Laboratory, University of California, Mammoth Lakes. California. 11 June. 2001.	--	FWN PAD Questionnaire Response July 27, 2009	General information.	HDR DTA Bellingham

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Amphibians	ECORP Consulting, Inc.	2005	Draft results of the 2004 (Year 1) amphibian monitoring program for foothill yellow-legged frog and mountain yellow-legged frog. El Dorado Hydroelectric Project (FERC Project No. 184). Report to El Dorado Irrigation District. May 18, 2005.	--	--	Cited in text. Report describes and documents foothill yellow-legged frog habitat.	HDR DTA Bellingham
Amphibians	Frost, D.R., T. Grant, J.N. Faivovich, R.H. Bain, A. Haas, C.F.B. Haddad, R.O. De Sá, A. Channing, M. Wilkinson, S.C. Donnellan, C.J. Raxworthy, J.A. Campbell, B.L. Blotto, P. Moler, R.C. Drewes, R.A. Nussbaum, J.D. Lynch, D.M. Green, and W.C. Wheeler.	2006	The Amphibian tree of life. Bulletin of the American Museum of Natural History 297:1-370.	--	--	Cited in text. Summarizes recent taxonomic revisions of Amphibia based on molecular evidence and available scientific names	PDF
Amphibians	Hayes, M.P and M. R. Jennings	1988	Habitat correlates of distribution of the California red-legged frog (<i>Rana aurora draytonii</i>) and the foothill yellow-legged frog (<i>Rana boylei</i>): Implications for management. pp. 144-158. In Szaro, Robert C.; Severson, Kieth E.; Patton, David R., technical coordinators. Management of amphibians, reptiles, and small mammals in North America: Proceedings of the symposium; 1988 July 19-21; Flagstaff, AZ. Gen. Tech. Rep. RM-166. 458 pp.	Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station.	FWN PAD Questionnaire Response July 27, 2009	Background information. Article compares habitat features used by California red-legged frog and foothill yellow-legged frog, and identifies key factors which may govern their occurrence.	http://www.fs.fed.us/rm/pubs_rm/rm_gtr166.html
Turtles	Holland, D. C.	1991	A synopsis of the ecology and status of the western pond turtle (<i>Clemmys marmorata</i>) in 1991. Prepared for USFWS, National Ecology Research Center, San Simeon Field Station. 141 pp. + Appendices.	--	--	Cited in text. Summary of natural history information	HDR DTA Bellingham
Amphibians	Jennings, M. R. and M. P. Hayes	1985	Pre-1900 overharvest of California red-legged frogs (<i>Rana aurora draytonii</i>): the inducement for bullfrog (<i>Rana catesbiana</i>) introduction. Herpetologica 41:94-103.	--	FWN PAD Questionnaire Response July 27, 2009	Background information. Reviews historical accounts that suggest that overharvest of California red-legged frogs for food was a principal factor in the early decline of this species and the impetus for the deliberate introduction of bullfrogs to California	HDR DTA Bellingham
Amphibians, Reptiles, and Turtles	Jennings, M. R. and M. P. Hayes	1994	Amphibian and reptile species of special concern in California. Prepared by California Academy of Sciences, Department of Herpetology San Francisco and Portland State University Department of Biology Portland and Oregon or California Department of Fish and Game, Inland Fisheries Division Rancho Cordova.	--	FWN PAD Questionnaire Response July 27, 2009	cited in text. This report reviewed data on 80 amphibian and reptile taxa native to the State of California. All taxa potentially candidates for State or Federal "Threatened" or "Endangered" species listing were examined. Review of available data revealed that 48 of these 80 taxa warranted listing at some level.	HDR DTA Bellingham; HDR DTA Sacramento
Amphibians	Knapp, R.	Multiple dates	Mountain yellow-legged frog website. Sierra Nevada Aquatic Research Laboratory, University of California, Mammoth Lakes	--	FWN PAD Questionnaire Response July 27, 2009	Background information. Publications examine the effects of introduced fish on lake ecosystems, the role of emerging disease in driving amphibian declines, and taxonomy of lake-dweliing fauna.	http://vesr.ucnrs.org/pages/knapp/publications/publications.html
Amphibians	Knapp R.A. and K.R. Matthews	2000	Non-native fish introductions and the decline of the mountain yellow-legged frog (<i>Rana muscosa</i>) from within protected areas. Conservation Biology 14:428-438.	--	--	Cited in text. Provides compelling evidence that the introduction of fish into areas formerly free of fish has been a principal factor in decline of mountain yellow-legged frog species complex, including Sierra Nevada yellow-legged frog	--

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Amphibians	Kupferberg, S. J.	1996	Hydrologic and geomorphic factors affecting conservation of a river-breeding frog (<i>Rana boylei</i>). Ecological Applications . 6(4):1332-1334.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Article describes functional relationship between physical habitat and reproduction of the foothill yellow-legged frog.	Do not have
Amphibians	Kupferberg, S. J.	1997	Bullfrog (<i>Rana catesbiana</i>) invasion of a California river: the role of larval competition. Ecology 78:1736-1751.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Provides evidence that bullfrog larvae have a competition advantage in habitats with fish, compared to California native frogs	Do not have
Amphibians	Lind, A.	1997	Survey protocol for foothill yellow-legged frogs (<i>Rana boylei</i>) in streams. USDA Forest Service, Pacific Southwest Research Station, Arcata, California.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Survey methods to determine the presence, distribution, habitat utilization, and relative abundance of the foothill yellow-legged frog (Rana boylei) (FYLF).	http://www.canvamphibs.com/pdf/FYLFMethods052002.pdf
Amphibians	Lind, A. J. A.J. Welch, and R. A. Wilson.	1996	The effects of a dam on breeding habitat and egg survival of the foothill yellow-legged frog (<i>Rana boylei</i>) in Northwestern California. Herpetological Review. 996; 27(2):62-67.	--	FWN PAD Questionnaire Response July 27, 2009	General information. This article assessed habitat conditions in potential foothill yellow-legged frog breeding areas resulting from an impoundment on the Trinity River and scouring of egg masses from releases.	http://www.treesearch.fs.fed.us/pubs/3528
Amphibians	Matthews, R. K., L. K. Vance, and I. Lacan	2005	Draft report on the movement patterns and habitat use of Rana muscosa on the Plumas National Forest. November 18, 2005. Unpublished report for the USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center.	--	--	Cited in text. Includes information on mid-elevation stream-associated occurrences of Sierra Nevada yellow legged frog on the Plumas National Forest	HDR DTA Bellingham
Amphibians	Moyle, P.B.	1973	Effects of introduced bullfrogs, Rana catesbeiana, on the native frogs of the San Joaquin Valley, California. Copeia 1973: 18-22.	--	--	Cited in text. Correlates the introduction and spread of bullfrogs in the San Joaquin Valley to the decline of native frogs	HDR DTA Bellingham
Amphibians	Pope, K.L., and K.R. Matthews	2001	Movement ecology and seasonal distribution of mountain yellow-legged frogs, Rana muscosa, in a high-elevation Sierra Nevada basin. Copeia 2001:787-793.	--	--	Cited in text. Study finds that summer frog densities (number per meter of shoreline) are positively related to water temperature, air temperature, maximum lake depth, and presence of H. regilla larvae and negatively related to presence of trout.	HDR DTA Bellingham
Amphibians	Rathbun, G. B., N. J. Scott, and T. G. Murphey.	2002	Terrestrial habitat use by Pacific pond turtles in a Mediterranean climate. The Southwestern Naturalist 47:225-235.	--	--	Cited in text. Article describes terrestrial habitat use by turtles.	http://research.calacademy.org/files/Departments/om/Rathbun%202002%20SouthwestNat.pdf
Amphibians	Recuero, E., I. Martinez-Solano, G. Parra-Olea, and M. Garcia-Paris	2006	Phylogeography of <i>Pseudacris regilla</i> (Anura: Hylidae) in western North America, with a proposal for a new taxonomic rearrangement. Molecular Phylogenetics and Evolution 39 (2006):293-304.	--	--	Cited in text. Uses molecular evidence as evidence that Pseudacris regilla (Pacific treefrog) should be partitioned into three species	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WNH-4JRVMXC-2&_user=10&_coverDate=05%2F31%2F2006&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1425935179&_rerunOrigin=google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=9087d275b8bbc2574c9da851971ae4fc
Amphibians	Recuero, E., I. Martinez-Solano, G. Parra-Olea, and M. Garcia-Paris	2006	Corrigendum to “Phylogeography of <i>Pseudacris regilla</i> (Anura: Hylidae) in western North America, with a proposal for a new taxonomic rearrangement” (Molecular Phylogenetics and Evolution 39 [2006] 293-304.) Molecular Phylogenetics and Evolution 41:511.	--	--	Cited in text. Correction to species names used in previous article. Assigns the name Pseudacris sierra to the 'central clade' of the Pseudacris regilla complex.	Do not have
Turtles	Reese, D. A.	undated	Western pond turtle survey techniques. 12pp.	--	--	Cited in text. Provides recommended survey methods for western pond turtle and includes natural history information	HDR DTA Bellingham
Turtles	Reese, D. A.	1996	Comparative demography and habitat use of western pond turtle in northern California: the effects of damming and related alterations: University of California, Berkeley.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Thesis examines the basic ecology of western pond turtles as well as evaluating their response to the long-term impacts of habitat alterations	www.fs.fed.us/psw/publications/reese/reese4.pdf

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Turtles	Reese, D. A. and H.H. Welsh	1997	Use of terrestrial habitat by western pond turtles, <i>Clemmys marmorata</i> : implications for management. pp. 352-357, In: Proceedings: Conservation, Restoration, and Management of Tortoises and Turtles. New York Turtle and Tortoise Society.	--	--	Cited in text. Study observed frequent and prolonged use of terrestrial habitat for both nesting and overwintering activities.	http://www.fs.fed.us/psw/publications/reese/reese3.pdf
Amphibians	Seltenrich, C.P. and A.C. Pool	2002	A Standardized Approach for Habitat Assessments and Visual Encounter Surveys for the Foothill Yellow-Legged Frog. San Ramon, California. 2002.	Pacific Gas and Electric Company (PG&E)	FWN PAD Questionnaire Response July 27, 2009	Cited in text. Standard operating procedures and data sheets for foothill yellow-legged frog habitat assessments and VES	http://ice.ucdavis.edu/CANVDecliningAmphibians/FieldGuides.htm#GeneralField
Amphibians	Storer, T. I.	1925	A synopsis of the amphibia of California. University of California Publications in Zoology. 1925; 27:1-342.	--	FWN PAD Questionnaire Response July 27, 2009	Cited in text. Historic account of amphibians in California.	Do not have
Amphibians	Tierney, Marilyn	2009	Response to PAD Questionnaire. Red Legged Frog Observations. August 4.	--	--	Background information. Annotated map showing location of California red-legged frog observations near the Project	HDR DTA Sacramento
Amphibians, Turtles	United States Department of Agriculture Forest Service (USFS).	2009	TNF Wildlife species occurrence database.	--	--	Cited in text, GIS database that includes documented wildlife occurrences within TNF	HDR DTA Sacramento
Amphibians	US Fish and Wildlife Service (USFWS)	2005	Guidance on site assessment and field surveys for California red-legged frogs (<i>Rana aurora draytonii</i>).	--	FWN PAD Questionnaire Response July 27, 2009	General information. Includes habitat information for California red-legged frog.	HDR DTA Sacramento
Amphibians	US Fish and Wildlife Service (USFWS)	2006	Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the California Red-legged Frog, and Special Rule Exemption Associated with Final Listing for Existing Routine Ranching Activities; Final Rule.	Federal Register; 71 FR 19243 19346	--	Cited in text.Designation of critical habitat units for California red-legged frog. Includes description of habitat requirements for CA red-legged frog	http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=D02D
Amphibians	US Fish and Wildlife Service (USFWS)	2000	Undated. Facts and Q and A: Recovery Plan for the California Red-Legged Frog. Sacramento, California.	--	FWN PAD Questionnaire Response July 27, 2009	General information. Info sheet on California red-legged frog for the general public.	http://www.fws.gov/cno/news/2000/2000-89.htm
Amphibians	Van Wagner, T.C36	1996	Selected life history and ecological aspects of a population of foothill yellow-legged frogs (<i>Rana boylei</i> i) from Clear Creek, Nevada City, California. Master's Thesis, 143pp.E63	California State University Chico	--	Cited in text. Habitat associations and life history characteristics of a population of foothill yellow-legged frog on Clear Creek, a tributary of the Middle Yuba River below the confluence of Oregon Creek	Do not have
Amphibians	Vindum, J.V. and M.S. Koo	1999	1998 amphibian and reptile surveys in the Plumas and Tahoe National Forests: the result of CCSA-05-98-17-123. Department of Herpetology, Golden Gate Park, San Francisco, CA.	California Academy of Sciences	--	Cited in text. This report contains annotated species accounts of the herpetofauna of the Plumas and Tahoe National Forests.	HDR DTA Sacramento
Amphibians	Vindum, J.V. and M.S. Koo	1999	Amphibians and reptiles of the Tahoe National Forest: historical collections and the results of 1997-1999 California Academy of Science Surveys. Dept. of Herpetology	California Academy of Sciences	--	Cited in text. This report contains annotated species accounts of the herpetofauna of the Plumas and Tahoe National Forests.	HDR DTA Sacramento
Amphibians	Vredenburg, V.T., G.M. Fellers, and C. Davidson	2007	Concordant molecular and phenotypic data delineate new taxonomy and conservation priorities for the endangered mountain yellow-legged frog	Journal of Ecology	--	Cited in text. Based on molecular evidence, <i>Rana muscosa</i> is understood to be limited to the former Distinct Population Segment (DPS) found in the San Gabriel, San Bernardino, and San Jacinto mountains of southern California, whereas <i>R. sierrae</i> corresponds to the Sierra Nevada DPS	HDR DTA Bellingham
Amphibians	Yarnell, Sarah Munro.	2000	The influence of sediment supply and transport capacity on foothill yellow-legged frog habitat, South Yuba River, California ; 2000 masters.	UCDavis Masters	FWN PAD Questionnaire Response July 27, 2009	General information. Study focused on using process-based geomorphic techniques to determine aquatic habitat preferences of the foothill yellow-legged frog in an effort to identify links between watershed conditions, stream processes and aquatic habitats	HDR DTA Sacramento; UC Davis Shields LibraryMicrocopy CollectionLD781.D5j 2000 Y374
Amphibians, Fish	Knapp, R. A.	1996	Nonnative trout in natural lakes of the Sierra Nevada: an analysis of their distribution and impacts on native aquatic biota. Pages 363-407 in Sierra Nevada system Project: final report to Congress. Volume III. Centers for Water and Wildland Resources. 1996	University of California, Davis	FWN PAD Questionnaire Response July 27, 2009	General information. An analysis of the distribution of non-native trout and their impacts on native aquatic biota.	http://vesr.ucnrs.org/pages/knapp/publications/publications.html

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Amphibians, Fish	Knapp, R.A., and K.R. Matthews	2000	Non-native fish introductions and the decline of the Mountain Yellow legged Frog from within protected areas	Conservation Biology 14:428-438	--	Cited in text. This study quantified the role of introduced fish in the decline of the mountain yellow-legged frog in the Sierra Nevada through surveys of over 1700 sites.	http://vesr.ucnrs.org/pages/knapp/publications/publications.html
Amphibians, Fish	Randall, Paul J.	1997	Distribution and ecology of fish and frogs in tributaries to the South Fork Yuba River. 1997; 1997masters Shields Library Microcopy Collection LD781.D5j 1997 R368 MASTERS.	UC Davis Masters	FWN PAD Questionnaire Response July 27, 2009	Cited in text. Discusses the factors that are reducing the number of native fish and frogs in the streams tributary to the South Yuba River. It suggests that the best management practice would be to eliminate non-native species from these streams	HDR DTA Sacramento, HDR DTA Bellingham
Aquatic Resources	Bureau of Land Management (BLM)	2006	California-BLM Sensitive Animals.	US Department of Interior, Bureau of Land Management, California, Wildlife & Fisheries.	--	Cited in text.	http://www.blm.gov/ca/st/en/prog/wildlife.html
Aquatic Resources	California Department of Fish and Game (CDFG)	2010	CA Natural Diversity Database (CNDDB)	CDFG, Habitat Conservation Planning Branch	--	Cited in text. CNDDB Quick Viewer Online Searchable Database - species confirmed in Yuba County based on field studies and observations recorded with CNDDB	http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	CNDDB Database Query Output - the Status and Locations of Rare Plants and Animals Downstream of the Project Area	CDFG, Habitat Conservation Planning Branch	--	Cited in text. Browns Valley and Yuba City USGS Topographic Quadrangles	HDR DTA Sacramento
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	CNDDB Database Query Output - the Status and Locations of Rare Plants and Animals in the Project Area	CDFG, Habitat Conservation Planning Branch	--	Cited in text. Output for Strawberry Valley, Clipper Mills, Challenge, Camptonville, Pike, French Corral, Oregon House, and Smartville USGS Topographic Quadrangles	HDR DTA Sacramento
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	CNDDB Database Query Output - the Status and Locations of Rare Plants and Animals Upstream of the Project Area	CDFG, Habitat Conservation Planning Branch	--	Cited in text. Clio, Calpine, Antelope Valley, Loyalton, Beckwourth Pass, Constantina, Evans Canyon, Frenchman Lake, and McKesick Peak USGS Topographic Quadrangles	HDR DTA Sacramento
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	Special Animals (901 taxa)	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	List of species of special concern based on state, federal and others resource agencies and organizations	http://www.dfg.ca.gov/wildlife/nongame/list.html
Aquatic Resources	California Department of Fish and Game (CDFG)	2009	State and Federally Listed Endangered and Threatened Animals of California	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	List of species of state, federally listed T & E species	http://www.dfg.ca.gov/wildlife/nongame/list.html
Aquatic Resources	Conservation Biology Institute	2008	Conservation Assessment for the Yuba River Watershed Foothills	Trust for Public Land	--	A summary of the watershed and its natural resources - habitat types and descriptions, land ownership, wilflife species , RTE species, conservstion issues, and provides a management plan	HDR DTA Sacramento
Aquatic Resources	Federal Energy Regulatory Commission (FERC)	2007	Final Environmental Impact Statement for Hydropower License: Oroville Facilities—FERC Project No. 2100-052, California. May 18, FERC/FEIS-0202E	FERC	--	--	HDR DTA Sacramento
Aquatic Resources	NatureServe	2009	NatureServe Explorer: An Online Encyclopedia of Life [web application]. Version 7.1.	NatureServe	--	Online database of species information	http://www.natureserve.org/explorer
Aquatic Resources	Nevada Irrigation District (NID)	2008	Yuba-Bear Hydroelectric Project, FERC Project No. 2266, Pre-Application Document	NID	--	Relicensing Documents - Yuba-Bear Hydroelectric Project - PAD Section 7.4 - Wildlife Resources	http://www.eurekasw.com/NID/Relicensing%20Documents/Forms/AllItems.aspx
Aquatic Resources	Nevada Irrigation District (NID)	Multiple dates	Relicensing Website - Yuba Bear	NID	--	Relicensing Documents and comprehensive plans available here	P:\YCWA\Referenced Materials\NV Irrigation District Public Relicensing Website - Comprehensive Plans.mht

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Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Aquatic Resources	Pacific Gas & Electric (PG&E)	2008	Relicensing Website - Drum Spaulding	Pacific Gas and Electric Company (PG&E)	--	Relicensing Documents available here	http://www.eurekasw.com/DS/Documents/Forms/AllItems.aspx
Aquatic Resources	Sierra Foothill Research and Extension Center	2009	Natural Resources of the Sierra Foothills on Northern California	University of California Agriculture and Natural Resources	--	Brief summaries of the natural resources, species lists, and abstracts for biological studies conducted in the area	HDR DTA Sacramento
Aquatic Resources	South Yuba River Citizens League (SYRCL).	Unknown	State of the Yuba: An Assessment of the Yuba River Watershed	SYRCL	--	Discusses overall watershed in terms of water quality, human impacts, water flow levels	Attempts to access SYRCLA web site are rerouted to the www.yubariver.net web site. This report is not availabe via this web link.
Aquatic Resources	US Army Corps of Engineers (USACE)	1975	Master Plan for Englebright Reservoir	USACE	--	Very general, mostly addresses water level	HDR DTA Sacramento
Aquatic Resources	US Fish and Wildlife Service (USFWS)	2008	Online Database of Federally Listed Threatened and Endangered Species in the Jurisdiction of the Sacramento District.	USFWS Sacramento Field Office	--	Provides federally listed species and species of special concern based on topo quad or county search criteria	http://www.fws.gov/sacramento/es/spp_lists/auto_list_form.cfm
Aquatic Resources	US Forest Service (USFS)	1990	Tahoe National Forest Land and Resource Management Plan.	Department of Agriculture	--	This document is not included in references due to its large size	http://www.fs.fed.us/r5/tahoe/documents/forest_plan/1990_tnf_lrm.pdf
Aquatic Resources	US Forest Service (USFS)	2007	Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment.	USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.	--	Record of decision that identifies new MIS species for the Sierra Nevada Forest Group	HDR DTA Sacramento
Aquatic Resources	US Forest Service (USFS)	2008	Sierra Nevada Forests (SNF) Bioregional Management Indicator Species (MIS) Monitoring Implementation Web Site.	USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.	--	Web site for info on the new MIS species for the Sierra Nevada Forest Group	http://www.fs.fed.us/r5/snfmsa
Aquatic Resources	Yuba County General Plan Update Advisory Committee	2007	Yuba County General Plan Update: Biological Resources Background Report	Yuba County General Plan Update Advisory Committee	--	Yuba county general plan, discusses habitats, species of significance, etc in Yuba County	http://co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/generalplanupdate.aspx
Aquatic Resources	Yuba County Water Agency	2009	Yuba River Development Project Relicensing	YCWA	--	Overview of project, facilites and features schematic	HDR DTA Sacramento
Aquatic Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	Prepared by HDR & Surface Water Resources, Inc	--	Document details how Yuba River flow management affects species that occur within the watershed	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
Fish	Airola, D. A. and B. D. Marcotte.	1985	A Survey of Holding Pools for Spring-Run Chinook Salmon in Deer and Mill Creeks, 1985 . USDA Forest Service. Lassen National Forest. Chester, California.; 1985. Notes: no record found	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Barnard, K. and S. McBain.	1994	Standpipe to Determine Permeability, Dissolved Oxygen, and Vertical Particle Size Distribution in Salmonid Spawning Gravels. Fish Habitat Relationships Technical Bulletin No. 15. U.S. Forest Service; 1994	US Forest Service	FWN PAD Questionnaire Response July 27, 2009	--	http://www.fs.fed.us/biology/fishecology/currents/index.html
Fish	Berg N., A. Carlson D. Azuma.	1998	Function and Dynamics of Woody Debris In-Stream Reaches in the Central Sierra Nevada, California . Canadian Journal of Fisheries and Aquatic Sciences . 1998; 55: 1807-1820.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Boles, G. L.	1988	Water Temperatures Effects on Chinook Salmon (Oncorhynchus tshawytscha) with Emphasis on the Sacramento River, A Literature Review . California Department of Water Resources. January. 1988.	Department of Water Resources	FWN PAD Questionnaire Response July 27, 2009	--	http://www.nd.water.ca.gov/dpladb/pubs/index.cfm?dist_pubs=20&nav=6,653
Fish	Brown, Larry R., and Peter B. Moyle.	1993	Distribution, Ecology, and Status of the Fishes of the San Joaquin River Drainage, California.	California Fish and Game: Conservation of Wildlife Through Education, Volume 79, Summer 1993, Number 3, Page 96	--	--	DTA Bellingham
Fish	CALFED	1997	CALFED Vision for Steelhead Trout. Draft. February 3, 1997	CALFED	--	CALFED vision for steehead trout recovery in the Central Valley	www.calwater.ca.gov/Admin_Record/E-009876.pdf
Fish	CALFED	2009	Ecosystem Restoration Program Home Page: Background on Restoration Efforts to Date	CALFED	--	--	http://www.delta.dfg.ca.gov/erp/
Fish	CALFED and Yuba County Water Agency	2005	Draft Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration.	Prepared on Behalf of the Lower Yuba River Fisheries Technical Working Group by SWRI	--	Discussed and cited in text.	HDR DTA Bellingham to confirm
Fish	California Department of Fish and Game (CDFG)	1963	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1963.	CDFG	--	Memo - 1963 fish survey in Bullards Bar Reservoir	HDR DTA Sacramento

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	California Department of Fish and Game (CDFG)	1970	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1970.	CDFG	--	Memo - 1970 fish survey in Bullards Bar Reservoir	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1972	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir 1972.	CDFG	--	Memo - 1972 fish survey in Bullards Bar Reservoir	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1974	A Summary of CDFG Fish Survey Results for the Bullards Bar Reservoir From 1959 - 1974	CDFG	--	Memo - Steelhead Trout Study in Lower Yuba	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1984	A Study of Steelhead Trout in the Lower Yuba River.	CDFG	--	Memo - Summary of steelhead trout survey in Lower Yuba River	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1989	A Summary of CDFG Fish Planting in the Bullards Bar Reservoir 1980 – 1989	CDFG	--	Memo - Summary of fish stocking in Bullards Bar Reservoir 80-89	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	1991	Lower Yuba River Fisheries Management Plan	--	CDFG, FWN PAD Questionaire Response July 27, 2009	--	Need link and/or print-out
Fish	California Department of Fish and Game (CDFG)	1995	Chinook	--	--	--	Need link and/or print-out
Fish	California Department of Fish and Game (CDFG)	2002	Fishing California's Sacramento Valley - Central Valley Region	CA Department of Fish and Game	--	Informational brochure on hatchery program and fishing in CA, targeted for general public. Material somewhat dated.	HDR DTA Bellingham
Fish	California Department of Fish and Game (CDFG)	2007	A Guide to High Mountain Lakes and Streams of the Sierra Nevada.	CDFG, USFS, NPS	--		Need link and/or print-out
Fish	California Department of Fish and Game (CDFG)	2007	CDFG Fish Stocking Records for the Bullards Bar Reservoir, Englebright Reservoir, South Fork Yuba and Bear River 1950-2007.	CDFG	--	Fish Stocking Records	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	2008	Fish Hatcheries – Fish Hatchery List	CDFG Fisheries Branch, Sacramento, CA	--		http://www.dfg.ca.gov/fish/Hatcheries/HatList.asp
Fish	California Department of Fish and Game (CDFG)	2008	Fish Hatcheries – Fish Stocking (Planting) Plan 11_24_2008 through 1_1_2010	CDFG Fisheries Branch, Sacramento, CA	--	Stocking locations and dates, also identified areas that will not be stocked	http://www.dfg.ca.gov/news/stocking/
Fish	California Department of Fish and Game (CDFG)	2008	Fish Stocking Program Will Continue Following Court Order, News Release November 21, 2008	CDFG Fisheries Branch, Sacramento, CA	--	News Release regarding law siutt, appeals, and court order regardifn the CA fish stocking program	http://www.dfg.ca.gov/news/news08/08131.html
Fish	California Department of Fish and Game (CDFG)	2009	CA Department of Fish and Game: Fisheries Restoration Grant Program	CDFG	--	Searchable database of fish restoration tasks and priorities. Searchable by water body.	http://www.dfg.ca.gov/fish/Administration/Grants/FRGP/GuidanceTools.asp
Fish	California Department of Fish and Game (CDFG)	2009	Summary of 2009 California Ocean Salmon Seasons	CDFG, Marine Region, Monterey, CA	--	documents closure of salmon seasons	http://www.dfg.ca.gov/marine/oceansalmon.asp
Fish	California Department of Fish and Game (CDFG).	2001	Central Valley Salmon and Steelhead Harvest Monitoring Project, 1999 Angler Survey. Sacramento, California. 2001.	Funded by USFWS	FWN PAD Questionaire Response July 27, 2009	--	http://www.fws.gov/sacramento/CAMP/camp_documents_and_projects.htm
Fish	California Department of Fish and Game (CDFG).	2001	Recovery of the 2001 Dive Counts. Summary Report to the California Department of Fish and Game. Redding, California; 2001. Notes: pg 25	--	FWN PAD Questionaire Response July 27, 2009	--	Do not have
Fish	California Department of Fish and Game (CDFG).	2002	Central Valley Salmon and Steelhead Harvest Monitoring Project, 2000 Angler Survey. Sacramento, California. 2001.	Funded by USFWS	FWN PAD Questionaire Response July 27, 2009	--	http://www.fws.gov/sacramento/CAMP/camp_documents_and_projects.htm
Fish	California Department of Fish and Game (CDFG).	2003	Recovery Strategy for California Coho Salmon. Report to the California Fish and Game Commission. Public Review Draft. 2003; Species Recovery Plan Report 2003-1.	--	FWN PAD Questionaire Response July 27, 2009	--	http://www.dfg.ca.gov/fish/Resources/Reports/index.asp
Fish	California Department of Water Resources (CDWR).	2003	Chinook Salmon Life History Matrix [Web Page]. 2003. Notes: downloaded pdf Oroville FERC Relicensing (FERC no. 2100)	--	FWN PAD Questionaire Response July 27, 2009	--	Do not have
Fish	California Department of Water Resources (CDWR).	2003	Transfer of Energy and Nutrients by Anadromous Fish Migrations. Oroville Dam Relicensing Study SP-F8. 2003.	Department of Water Resources	FWN PAD Questionaire Response July 27, 2009	--	http://www.water.ca.gov/orovillere relicensing/wg-reports_EWG.cfm

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	California Department of Water Resources (CDWR)	2001	Fish Bulletin 179: Contributions to the Biology of Central Valley Salmonids	California Department of Fish and Game, Department of Water Resources	--	The Salmonid Symposium was organized by an ad hoc committee of state and federal fishery biologists concerned with the management of Central Valley (CV) salmon and steelhead trout (<i>Oncorhynchus</i> spp.) populations and their habitats. It was held at Bodega Bay, California on October 22–24, 1997. Topics covered included research on various CV salmon and steelhead populations, ocean fishery management, history of upper Sacramento River hatchery operations, and steelhead management policy. Papres by McEwan and Yoshiyama were extracted and cited in the PIP.	http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp
Fish	California Department of Water Resources (CDWR)	2006	Draft Englebright Lake Creel Survey	Prepared by the Upper Yuba River Studies Program Study Team for CDWR	--	Survey - This draft report summarizes creel surveys which were conducted on Englebright Lake in 2003 and 2004 for the purpose of assessing the number, species, and size of fish caught and retained by anglers.	http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm
Fish	California Department of Water Resources (CDWR)	2008	Upper Yuba River Watershed Chinook Salmon and Steelhead Habitat Assessment.	Technical Report, Prepared by the Upper Yuba River Studies Program Study Team for CDWR	--	--	HDR DTA Sacramento
Fish	California Department of Water Resources (CDWR)	2009	Fish Passage Improvement – Upper Yuba River Studies Program Home Page	--	--	--	http://www.watershedrestoration.water.ca.gov/fishpassage/projects/upperyuba.cfm
Fish	Central Valley Fish Hatchery	1959	A Survey of the Fish Population of Bullards Bar reservoir, Yuba County, 1959	--	--	--	HDR DTA Bellingham
Fish	CH2MHill	1998	Central Valley Project Improvement Act Tributary Production Enhancement Report. Sacramento, California: Prepared for U.S. Fish and Wildlife Service, Central Valley Fish and Wildlife Restoration Program Office; 1998. Notes: Draft Report to Congress on the feasibility, cost, and desirability of implementing measures pursuant to subsection 3406(e)(3) and (e)(6) of the Central Valley Project Improvement Act.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Cherry, D. S. K. L. Dickson J. Cairns Jr. and J. R. Stauffer.	1997	Preferred, avoided, and lethal temperatures of fish during rising temperature conditions. Journal of the Fisheries Research Board of Canada. 1977; 34:239-246.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	Dickerson B. R. and G. L. Vinyard.	1999	Effects of High Chronic Temperatures and Diel Temperature Cycles on the Survival and Growth of Lahontan Cutthroat Trout. Department of Biology and Biological Resources Research Center, University of Nevada, Reno, Nevada 89557, USA. 1998. Transactions of the American Fisheries Society 1999; 128: 516-521	American Fisheries Society	FWN PAD Questionaire Response July 27, 2009	Notes: Abstract.—Tests of chronic temperature tolerance indicated that the upper limit for survival and growth of Lahontan cutthroat trout Oncorhynchus clarki henshawi was between 22°C and 24°C. Lahontan cutthroat trout experienced complete mortality within 2 d at 28°C and approximately 60% mortality over 7 d at 26°C. Fish suffered no significant mortality at temperatures of 24°C and below. No significant differences in growth of fish held at 22°C relative to fish held at cooler temperatures were found, but significant reductions in growth were observed at 24°C. When fish were subjected to fluctuating temperatures similar to field conditions, which cycle daily from 20°C to 26°C, they still grew, though not as much as fish maintained at constant 13°C or 20°C. Exposure to diel temperature fluctuations did not affect tolerance of subsequent chronic elevated temperatures.	Do not have
Fish	Eilers, C.	2008	Review of Present Steelhead Monitoring Programs in the California Central Valley.	California Department of Fish and Game (CDFG)		Discussed and cited in text.	nrm.dfg.ca.gov/FileHandler.ashx?DocumentVersionID=9892
Fish	Entrix and Munroe, J.	2003	Stakeholder Review Draft - Daguerre Point Dam Fish Passage Improvement Project, 2002 Fisheries Studies - Analysis of Potential Benefits to Salmon and Steelhead from Improved Fish Passage at Daguerre Point Dam. Prepared by ENTRIX, Inc, Sacramento California and Jud Munroe, San Rafael, California, for the California Department of Water Resources and the United States Army Corps of Engineers. <http://www.watershedrestoration.water.ca.gov/fishpassage/docs/Daguerre/Fisheries%20Study-Stakeholder%20Draft%203-7-03.pdf> Accessed July 8, 2009	--	--	Discussed and cited in text.	HDR DTA Sacramento
Fish	Evans, W. A. and B. Johnston.	1980	Fish Migration and Fish Passage. Washington DC: USDA Forest Service, EM-7100-12; 1980.	--	FWN PAD Questionaire Response July 27, 2009	--	Do not have
Fish	FishSniffer	2009	Web Site Blog Regaridng Decline in Koanokee Populations in Bullards Bar Reservoir.	Web blog	--	Discussed and cited in text.	HDR DTA Sacramento
Fish	Gard, M.	2004	Potential for Restoration of a California Stream Native Fish Assemblage. California Fish and Game. 2004; 90(1):29-35.	--	FWN PAD Questionaire Response July 27, 2009	--	Do not have
Fish	Gard, M.F	2004	Interactions between an introduced piscovore and a native piscovore in a California stream. Environmental Biology of Fishes 71:287-295	Kluwer Academic Publishers	--	Gard quantifies abundance and microhabitat use in the South Yuba River to test the hypothesis the introduction of smallmouth bass limits native Sacramento pikeminnow.	HDR DTA Sacramento

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Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	Gard, Mark Freeman.	2008	Flow-Habitat Relationships for Spring and Fall-run Chinook Salmon and Steelhead/Rainbow Trout Spawning in the Yuba River. Energy Planning and Instream Flow Branch. U.S. Fish and Wildlife Service. Sacramento Fish and Wildlife Office. March 11.	US Fish and Wildlife Service (USFWS)	USFWS PAD Questionnaire Response August 7, 2009	Flow-habitat relationships were derived for spring and fall-run Chinook salmon and steelhead/rainbow trout spawning in the Yuba River between Englebright Dam and the Feather River. Continuation of Central Valley Project Improvement Act Instream Flow Investigations, which ran from February 1995 through September 2001.	HDR DTA Sacramento
Fish	Gerstung, E. G.	1973	Fish population and yield estimates from California Trout Streams. Cal-Neva Wildlife; 1973. Notes: [SMUD SUBMITTED IN THEIR FINAL LICENSE APPLICATION.]	The Wildlife Society	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Grimes, J.	1983	Holding Habitat of Spring-Run Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) in Deer Creek and Mill Creek, California. Humboldt State University: unpublished report; 1983.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Hampton, M.	1997	Microhabitat Suitability Criteria for Anadromous Salmonids of the Trinity River.	US Department of Interior, Fish and Wildlife Service, Coastal California Fish and Wildlife Office. Arcata, CA	--	Should be a good ref regarding habitat requirements, but very difficult to interpret results	www.fws.gov/
Fish	HDR SWRI	2009	Draft Fisheries Monitoring and Evaluation Plan for the Yuba Accord.	--	FWN PAD Questionnaire Response July 27, 2009	--	Need link and/or print-out
Fish	Hinze, J. A.	1959	Annual Report: Nimbus Salmon and Steelhead Hatchery, Fiscal Year 1957-1958 . California Department of Fish and Game Inland Fisheries Division Administrative Report 59-4; 1959.	California Department of Fish and Game (CDFG)	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Kozlowski, Jeffrey.	2004	Summer Distribution, Abundance, and Rainbow Trout (<i>Onchorhynchus mykiss</i>) and other Fishes in the Lower Yuba River, California. Thesis. University of California Davis. 2004.	--	FWN PAD Questionnaire Response July 27, 2009	Summer Distribution, Abundance, and Rainbow Trout (<i>Onchorhynchus mykiss</i>) and other Fishes in the Lower Yuba River, California. Thesis. University of California Davis. 2004	HDR DTA Sacramento
Fish	Lindley, S.T., R. S. Schick, A. Agrawal, M. Goslin, T. Pearson, E. Mora, J. Anderson, B. May, S. Greene, C. Hanson, A. Low, D. McEwan, R. B. MacFarlane, C. Swanson, and J. Williams.	2006	Historical Population Structure of Central Valley Steelhead and its Alteration by Dams.	San Francisco Estuary and Watershed Science. Vol. 4, Issue 1	--	--	HDR DTA Sacramento
Fish	Lower Yuba River Fisheries Technical Working Group	2005	Draft Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration; Multi-Agency Plan to Direct Near-Term Implementation of Prioritized Restoration and Enhancement Actions and Studies to Achieve Long-Term Ecosystem and Watershed Management Goals. Prepared by the Lower Yuba River Fisheries Technical Working Group, funded by CALFED and the Yuba County Water Agency. October	--	FWN PAD Questionnaire Response July 27, 2009	Presents fisheries resources, information to evaluate limiting factors and hypotheses to test in order to develop restoration and mitigation measures.	FWN Disc (to be provided, but did not provide 8/10/09)
Fish	Massa, D.	2004	Yuba River Juvenile Chinook Salmon (<i>Orcorhynchus tshawytsha</i>), and Juvenile Central Valley Steelhead Trout (<i>Orcorhynchus mykiss</i>), Life History Survey: Annual Data Report 2003-2004.	CDFG, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D.	2006	Lower Yuba River Chinook Salmon Escapement Survey: September – December 2005.	CDFG, North Central Region, Chico, CA.	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D.	2007	Lower Yuba River Chinook Salmon Escapement Survey: September – December 2006.	CDFG, North Central Region, Chico, CA.	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D.	2008	Lower Yuba River Chinook Salmon Escapement Survey: October 2007 – January 2008.	CDFG, North Central Region, Chico, CA.	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	Massa, D. and C. McKibbin.	2006	Yuba River Juvenile Chinook Salmon (<i>Orcorhynchus tshawytsha</i>), and Juvenile Central Valley Steelhead Trout (<i>Orcorhynchus mykiss</i>), Life History Survey: Annual Data Report 2004-2005.	CDFG, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	Massa, D. and T. Schroyer.	2003	Central Valley Salmon and Steelhead Harvest Monitoring Project: 2002 Angler Survey.	CDFG, Sacramento Valley & Central Sierra Region, Rancho Cordova, CA	Massa, D.,CDFG June 6, 2009	--	HDR DTA Sacramento
Fish	McEwan, D.and T. A. Jackson	1996	Steelhead Restoration Plan for California, Department of Fish and Game. February 1996	California Department of Fish and Game (CDFG)	FWN PAD Questionnaire Response July 27, 2009	Steelhead Restoration Plan for California, Department of Fish and Game. February 1996	http://www.dfg.ca.gov/fish/Resources/Reports/index.asp
Fish	McEwan, Dennis.	2001	Central Valley Steelhead <i>In</i> Contributions to the Biology of Central Valley Salmonids, California Fish and Game, Bulletin 179, Volume 1.	CDFG	--	--	http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp
Fish	Meng and P. Moyle	1995	--	--	--	--	need link or hardcopy
Fish	Moyle, P. B.	2002	Inland Fishes of California. University of California Press, Berkley CA; 2002.	Berkeley, CA: University of California Press.	FWN PAD Questionnaire Response July 27, 2009	--	need link or hardcopy
Fish	Moyle, P. B. and B. Vondracek.	1985	Persistence and structure of the fish assemblage in a small California stream. Ecology 66: 1-13. 1985. Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Moyle, P. B. and D. M. Baltz.	1985	Microhabitat use by an assemblage of California stream fishes: developing criteria for instream flow determinations. Transactions of the American Fisheries Societv . 1985; 114: 695-704 .	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Moyle, P. B. and R. Nichols.	1973	Ecology of some native and introduced fishes of the Sierra-Nevada foothills in Central California . Copeia . 1973; 1973:478-490 . Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION.	--	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Moyle, P. B. R. M. Yoshiyama J. E. Williams E. D. Wikramanayake.	1995	Fish Species of Special Concern in California. California Department of Fish and Game; 1995. Notes: downloaded PDF	--	FWN PAD Questionnaire Response July 27, 2009	--	http://www.dfg.ca.gov/wildlife/nongame/ssc/fish.html
Fish	Moyle, P. B., R. D. Baxter, T. Sommer, T. C. Foin, S. A. Matern.	2004	Biology and Population Dynamics of Sacramento Splittail (Pogonichthys macrolepidotus) in the San Francisco Estuary: A Review.	San Francisco Estuary and Watershed Science 2:2(May 2004)	--	--	http://repositories.cdlib.org/cgi/viewcontent.cgi?article=1011&context=jmie/sfews
Fish	Moyle, P.B., J.A. Israel, S.E. Purdy.	2008	Salmon, Steelhead, and Trout in California: Status of and Emblematic Fauna, a Report Commissioned by California Trout, 2008.	Center for Watershed Sciences, University of California Davis.	--	Status of salmon, steelhead, and trout in California.	www.caltrout.org
Fish	Myers, J.M., R.G. Kope, G.J. Bryant, D. Teel, L.J. Lierheimer, T.C. Wainwright, W.S. Grand, F.W. Waknitz, K. Neely, S.T. Lindley, and R.S. Waples.	1998	Status review of Chinook Salmon from Washington, Idaho, Oregon, and California.	U.S. Dept. Commerce NOAA Technical Memo, NMFS-NWFSC-35	--	--	http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm
Fish	National Marine Fisheries Service (NMFS)	1998	Status Review of Chinook Salmon from Washington, Idaho, Oregon, and California.	National Marine Fisheries Service, Northwest Fisheries Science Center, Coastal Zone and Estuarine Studies Division, Seattle WA	--	--	http://www.nwfsc.noaa.gov/publications/techmemos/tm35/index.htm
Fish	National Marine Fisheries Service (NMFS)	2005	Updated Status of Federally Listed ESUs af West Coast Salmon and Steelhead	NOAA Fisheries Office of Protected Resources	--	Summary of BRT conclusions, updated data and analysis relevant to each species, updated hatchery information	http://www.nwr.noaa.gov/Publications/Biological-Status-Reviews/Salmon.cfm
Fish	National Marine Fisheries Service (NMFS)	2008	Species of Concern Fact Sheet – Chinook Salmon, Central Valley, Late-Fall Run ESU.	National Oceanic and Atmospheric Administration (NOAA), NMFS, Office of Protected Resources, Silver Spring, MD.	--	--	http://swr.nmfs.noaa.gov/psd/99chinfns.htm
Fish	National Marine Fisheries Service (NMFS)	2008	Species of Concern Web Site – Steelhead Trout.	National Oceanic and Atmospheric Administration (NOAA), NMFS, Office of Protected Resources, Silver Spring, MD	--	--	http://www.nmfs.noaa.gov/pr/species/fish/steelheadtrout.htm

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	National Marine Fisheries Service (NMFS)	2009	List of Species of Special Concern	NOAA Fisheries Office of Protected Resources	--	web link to species list	http://www.nmfs.noaa.gov/pr/species/concern/#list
Fish	National Marine Fisheries Service (NMFS)	2009	Biological and Conference Opinion on the Long-Term Operations of the Central Valley Project and State Water Project and Related Documents. Section 7 Consultation. June 4.	National Marine Fisheries Service, Southwest Fisheries Science Center, Longbeach, CA	SYRCL PAD Questionnaire Response July 17, 2009	NOAA Biological Opinion Finds California Water Projects Jeopardize Listed Species; Recommends Alternatives	http://swr.nmfs.noaa.gov/ocap.htm
Fish	Nielsen, J. L. C. Carpanzano M. C. Fountain and C. A. Gan.	1997	Mitochondrial DNA and nuclear microsatellite diversity in hatchery and wild Oncorhynchus mykiss from freshwater habitats in southern California. Transactions of the American Fisheries Society. 1997; 123:397-417.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Powers, P. D. and J. F. Orsborn.	1985	Analysis of Barriers to Upstream Fish Migration. Bonneville Power Administration. Portland, Oregon; 1985.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Ruediger, R and J. Ward.	1996	Abundance and function of large woody debris in central Sierra Nevada streams. FHR Currents, Fish Habitat Relationship Technical Bulletin No. 20. U. S. Forest Service Pacific Southwest Region Arcata California Prepared by Stanislaus National Forest Sonora California; 1996. Notes: ISMUD FILED IN THEIR FINAL LICENSE APPLICATION	--	FWN PAD Questionnaire Response July 27, 2009	--	http://www.fs.fed.us/biology/fishecology/currents/index.html
Fish	South Yuba River Citizens League (SYRCL).	Unknown	Historical Report on Salmon in the Yuba River. Nevada City, CA.	SYRCL	--	This report describes the history of salmon and steelhead in the Yuba River watershed. It also discusses the decline of salmon as related to mining as well as dams. Web link provides report, but no date or solid citation. Attempts to access the SYRLC web site are rerouted to www.yubariver.net and the report is NOT available at the new web site. Treat info in report as anecdotal.	http://www.syrcl.org/majorissues/SalmonReport.htm
Fish	State Water Resources Control Board	1991	SWRCB Staff Report Lower Yuba River 1991 p. 9	--	FWN PAD Questionnaire Response July 27, 2009	Discussion of YRDP effects on fish.	HDR DTA Sacramento
Fish	State Water Resources Control Board	2003	SWRCB Revised Water Right Decision 1644 in the Matter of Fishery Resources and Water Right Issues of the Lower Yuba River. Adopted July 16, 2003. Wrd1644revised	--	FWN PAD Questionnaire Response July 27, 2009	SWRCB Revised Water Right Decision 1644 in the Matter of Fishery Resources and Water Right Issues of the Lower Yuba River. Adopted July 16, 2003. Wrd1644revised	HDR DTA Sacramento
Fish	State Water Resources Control Board (SWRCB).	2003	Administrative Record for the SWRCB Hearings on the Lower Yuba River Fisheries Issues. U.S. Army Corps of Engineers (USACE). 2002. Sacramento and San Joaquin Comprehensive Study (in progress); 2003.	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	Thomas R. Payne and Associates.	2002	Habitat suitability criteria for rainbow trout and Sacramento suckers in the Upper North Fork Feather River Project (FERC No. 2105). San Ramon, California: Pacific Gas and Electric Company; 2002. Notes: pg 86	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish	University of California Davis (UC Davis)	1997	Distribution Maps of Fishes in California.	UC Davis, Dept. of Environmental Science and Policy, Information Center for the Environment	--	Seachable web site - Distributuion maps for fish of CA	http://ice.ucdavis.edu/aquadiv/fishcovs/fishmaps.html
Fish	University of California Davis (UC Davis)	2009	California Fish Species.	C Davis Cooperative Extension Unit, California Fish Web Site.	--	Searchable web site with location in waterbody by County and life history information for fishes of CA	http://calfish.ucdavis.edu/calfish/CalSpec.asp
Fish	US Fish and Wildlife Service (USFWS)	2001	FINAL RESTORATION PLAN FOR THE ANADROMOUS FISH RESTORATION PROGRAM. 2001. Notes: downloaded pdf		FWN PAD Questionnaire Response July 27, 2009	--	http://www.fws.gov/stockton/afrp/restplan_final.cfm
Fish	US Fish and Wildlife Service (USFWS)	2002	Anadromous Fish Restoration Project: Lower Yuba River Juvenile Salmon Life History Evluation - 2002	USFWS Pacific Southwest Region	--	Provides a summary of the life history research being conducted on the Lower Yuba River as part of the CALFED and CVPIA anadromous fish restoration efforts. No real data provided in the summary	USFWS Pacific Southwest Region Web Site

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish	US Fish and Wildlife Service (USFWS)	2003	Endangered and Threatened Species; Notice of 29 Remanded Determination of Status for the Sacramento Splittail (<i>Pogonichthys macrolepidotus</i>). 30 <i>Federal Register</i> 68(183): 55139-55166	--	--	--	http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=E06U
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Bear River.	USFWS and the Bureau of Land Management.	--	Summary of goals, objectives, studies, work completed on the Bear River	http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=BEARR
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Feather River.	USFWS and the Bureau of Land Management.	--	Summary of goals, objectives, studies, work completed on the Feather River	http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=FETHR
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Restoring Fish Habitat in California’s Central Valley.	USFWS and the Bureau of Land Management.	--	Overview of program	http://www.delta.dfg.ca.gov/afrp/overview.asp
Fish	US Fish and Wildlife Service (USFWS)	2008	Anadromous Fish Restoration Program – Yuba River.	USFWS and the Bureau of Land Management.	--	Summary of goals, objectives, studies, work completed on the Yuba River	http://www.delta.dfg.ca.gov/afrp/ws_stats.asp?code=YUBAR
Fish	Ward, PD. T. R McReynolds and CE. Garman.	2002	Butte and Big Chico Creeks Spring-Run Chinook Salmon, Oncorhynchus tshawytscha, Life History Investigation, 2000-2001. California Department of Fish and Game Inland Fisheries Administrative Report; 2002. Notes: downloaded pdf	California Department of Fish and Game (CDFG)	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish	Yoshiyama, R., E. Gerstung, F. Fisher, and P. Moyle.	2001	Historical and Present Distribution of Chinook Salmon in the Central Valley Drainage of California. In Contributions to the Biology of Central Valley Salmonids, California Fish and Game, Bulletin 179, Volume 1.	Salmonid Symposium, Bodega Bay, California. October 22-24, 1997, Randall Brown, editor.	FWN PAD Questionnaire Response July 27, 2009	Discussed and cited in text.	http://www.dfg.ca.gov/fish/Resources/Reports/Bulletins.asp
Fish	Zimmerman, Christian E. et al.	2009	Maternal Origin and Migrational History of Steelhead and Rainbow Trout Captured in Rivers of the Central Valley, California. American Fisheries Society. 2009.	--	FWN PAD Questionnaire Response July 27, 2009	Maternal Origin and Migrational History of Steelhead and Rainbow Trout Captured in Rivers of the Central Valley, California. American Fisheries Society. 2009.	HDR DTA Sacramento
Fish, Geology	McCain, M. D. Fuller L. Decker and K. Overton.	1990	Stream Habitat Classification and Inventory Procedures for Northern California . Fish Habitat Relationships Currents, Fish Habitat Relationships Technical Bulletin USDA Forest Service, San Francisco, California.: 1990. Notes: downloaded pdf	US Forest Service	FWN PAD Questionnaire Response July 27, 2009	--	http://www.fs.fed.us/biology/fishecology/currents/index.html
Fish, Geology, Water Resources	Upper Yuba River Studies Program Team.	2003	Interim Report; Summary of Current Conditions in the Yuba Watershed. October 2003.	--	FWN PAD Questionnaire Response July 27, 2009	Includes discussion and statistics concerning sediment processes, water quality, hydrology and fish passage. Salmon, Steelhead Fish Passage- This document presents information that is the result of preliminary data collection and field studies conducted by the Study Team to characterize current conditions in the Yuba River watershed and assess the potential for the river upstream of Englebright Dam to support wild Chinook salmon and steelhead.	HDR DTA Sacramento
Fish, T&E	California Department of Water Resources (CDWR)	2004	SP-T2 Project Effects on Special Status Wildlife Species Draft Final Report, Oroville Facilities Relicensing: FERC Project No. 2100.	--	--	--	http://www.water.ca.gov/orovillereLICensing/wg-reports_EWG.cfm
Fish, Water Resources	Gard, Mark Freeman.	1994	Biotic and abiotic factors affecting native stream fishes in the South Yuba River, Nevada County, California : UC Davis; 1994Shields LibraryMicrocopy CollectionLD781.D5j 1994 G375. Notes: pdf	UC Davis, Dissertation	FWN PAD Questionnaire Response July 27, 2009	--	HDR DTA Sacramento
Fish, Water Resources	Matthews, K. R. and N. H. Berg.	1997	Rainbow trout responses to water temperature and dissolved oxygen stress in two southern California stream pools. Journal of Fish Biology. 1997; 50-67.	Jounal of Fish Biology	FWN PAD Questionnaire Response July 27, 2009	--	http://www.treesearch.fs.fed.us/pubs/9765
Fish, Water Resources	Office of Technology Assessments (OTA).	1995	Fish Passage Technologies: Protection at Hydropower Facilities. OTAENV 641. Washington, DC: US. Government Printing Office; 1995.	--	FWN PAD Questionnaire Response July 27, 2009	Survey of fish passage technology and its effectiveness,	www.princeton.edu/~ota/disk1/1995/9519/9519.PDF

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Fish, Water Temperature	Bratovich, P. Pitts A. Niggemyer A. and Olsen D.	2003	Interim report, SP-F10, Task 3B, Steelhead Rearing Temperatures. Oroville Facilities Relicensing, FERC Project No. 2100: California State Department of Water Resources under the direction of Terry J. Mills; 2003. Notes: downloaded pdf	--	FWN PAD Questionnaire Response July 27, 2009	--	http://www.water.ca.gov/orovillereLICensing/wg-reports_EWG.cfm
Fish, Water Temperature	Hokanson, K. E. F. C. F. Kleiner and T. W. Thorslund.	1977	Effects of constant temperatures and diel temperature fluctuations on specific growth and mortality rates of juvenile rainbow trout, Salmo gairdneri. J. Fish. Res. Board of Can. 34:639-848. 1977. Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION	--	FWN PAD Questionnaire Response July 27, 2009	--	Do not have
Fish, Water Temperature	Myrick, C. A. and J. J. Cech Jr.	2001	Temperature Effects on Chinook Salmon and Steelhead: a Review Focusing on California's Central Valley Populations. Bay-Delta Modeling Forum Technical Publication 01-1; 2001.	--	FWN PAD Questionnaire Response July 27, 2009	Bay-Delta Forum literature review of the effects of water temperature on chinook and steelhead with emphasis on populaitons in Central Valley California	www.cwemf.org/Pubs/TempReview.pdf
Fish, Water Temperature	Nielsen, J. L. T. E. Lisle and V. Ozaki.	1994	Thermally stratified pools and their use by steelhead in norten California streams. Transactions of the American Fisheries Society. 1994; 123:613-626.	--	FWN PAD Questionnaire Response July 27, 2009	--	http://www.fs.fed.us/psw/publications/
Fish, Wildlife, T&E	Yuba County Water Agency	2003	Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	--	FWN PAD Questionnaire Response July 27, 2009	Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	HDR DTA Sacramento
Fish	Bacher, D	2002	Fuller and Rucker Lakes, Two Completely Different High Sierra Fisheries	The Fish Sniffer Online	--	cited in text.	< http://www.fishsniffer.com/dbacher/090502ruck.html >.
Fish	Beedy, E. C., and P. Bussard	2002	Nevada County Natural Resources Report. Chapter III: Results.	--	--	cited in text.	< http://www.yubanet.com/nrr/chapter3_1.html >
Fish	Beedy, E. C., and P. Bussard	2002	Nevada County Natural Resources Report: A Scientific Assessments of Watersheds and Ecosystems	Nevada County Planning Department	--	cited in text.	--
Aquatic Resources	Brown and May	2000	Fish Community Structure in Relation to Environmental Variables Within the Sacramento River Basin and Implications for the Greater Central Valley, California.	--	--	cited in text. BMI data collected during 1994 to 1996 from various locations throughout the western Sierra Nevada and California Central Valley	HDR DTA Sacramento
Amphibians	California Academy of Sciences (CAS)	2009	Herpetology Records	--	--	cited in text. Historic data on the distribution of amphibians and reptiles.	http://www.calacademy.org/research/herpetology/catalog/Index.asp >
Aquatic Resources	California Department of Fish and Game (CDFG)	1993	Restoring Central Valley streams: A plan for action. Sacramento, California. November 1993. 129 pp.	CDFG		Cited in text	HDR DTA Sacramento
Fish	California Department of Fish and Game (CDFG)	2002	Sacramento River Spring-run Chinook Salmon. 2001 Annual Report Prepared for the Fish and Game Commission	Habitat Conservation Division, Native Anadromous Fish and Watershed Branch	--	cited in text.	HDR DTA Sacramento
Aquatic Resources	Erman, N.A.	1997	Status of Invertebrates. Status of the Sierra Nevada – The Sierra Nevada Ecosystem Project, Volume II Chapter 35: 987-1008. Don C. Erman, General Editor, and the SNEP Team. US Geological Survey Digital Data Series DDS-43.	--	--	cited in text. Report noted that the inadequacy of current studies is compounded by a lack of historical data. A review of anecdotal information suggests that a general description of the aquatic invertebrate taxa likely to occur in the Project Vicinity is possible.	??
Fish	Federal Energy Regulatory Commission (FERC) Office of Energy Projects	2009	Final Environmental Impact Statement (FEIS) for Relicensing of the South Feather Power (Project No. 2088-068)	FERC	--	cited in text. The FEIS describes the results of recent fisheries studies. During 2004-2006 stream surveys, South Feather Water and Power Agency (SFWPA) sampled all project reaches and reference reaches with similar habitat characteristics selected for comparison of fish populations	??
Amphibians	Museum of Vertebrate Zoology (MVZ).	2009	Herpetological records for Nevada, Yuba, and Sierra Counties	University of California, Berkeley	--	cited in text. Historic data on the distribution of amphibians and reptiles.	mvzarcos.berkeley.edu/SpecimenSearch.cfm
Aquatic Resources	Rose, Tami L., N. A. Erman, and D. C. Erman	1995	Impacts of the Bowman-Spaulding Canal on Four Sierran Streams: an Ecological and Geomorphological Evaluation. Department of Wildlife, Fish and Conservation Biology. USDA Forrest Service File Code 2610.	University of California, Davis.	--	cited in text. Study in the upper Yuba River Basin documented the occurrence of numerous aquatic insects.	--

Table B-4 Aquatic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Aquatic Resources	Storer, T.I.	1930	Notes on the range and life history of the Pacific fresh water turtle, <i>Clemmys marmorata</i> . Univ. California Publ. Zool. 32:429-441.	University of California	--	Cited in text. Species account of the western pond turtle.	--
Fish	Childs, J, N. Snyder, and M. Hampton	2003	Bathymetric and Geophysical Surveys of Englebright lake, Yuba-Nevada Counties, California. US Geologic Survey Open-File Report 03-383.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Gast et al.	2005	Middle and South Yuba rainbow trout (Onchorhynchus mykiss) distribution and abundance dive counts August 2004. Included as Appendix G of CDWR 2006.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Herbst, David B., Erik L. Silldorff, and Scott D. Cooper	2003	The influence of introduced trout on native aquatic invertebrate communities in a paired watershed study of High Sierran streams. University of California Water Resources Center. Final Technical Completion Report.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Jones & Stokes	2006	2003 Fall-run chinook salmon spawning escapement in the Yuba.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Lindley, S., R. Schick, E. Mora, P. B. Adams, J. J. Anderson, S. Greene, C. Hanson, B. P. May, D. McEwan, R. B. MacFarlane, C. Swanson, and J. G. Williams	2007	Framework for Assessing Viability of Threatened and Endangered Chinook Salmon and Steelhead in the Sacramento-San Joaquin Basin.	San Francisco Estuary & Watershed Science Volume 5: California Bay-Delta Authority Science Program and the John Muir Institute of the Environment	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Moyle, P. B., J. J. Smith, R. A. Daniels, and D. M. Baltz.	1982	Distribution and ecology of stream fishes of the Sacramento-San Joaquin Drainage System, California: a review. Univ. Calif. Publ. Zool. 115:225-256.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	National Marine Fisheries Service (NMFS)	2007	Biological Opinion on the Operation of Englebright and Daguerre Point Dams on the Yuba River, California, for a 1-Year Period. National Marine Fisheries Service. Southwest Region.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Taylor, T. L., P. B. Moyle, and D. G. Price	1982	Fishes of Clear Lake Basin. Univ. Calif. Publ. Zool. 115: 171-224.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	US Fish and Wildlife Service (USFWS)	2003	Endangered and Threatened Species; Notice of 29 Remanded Determination of Status for the Sacramento Splittail (Pogonichthys macrolepidotus). 30 Federal Register 68(183): 55139-55166. September 22, 2003.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	US Fish and Wildlife Service (USFWS)	1975	Part 17-endangered and threatened wildlife “threatened” status for three species of trout. Federal Register, vol. 40, no. 137-wednesday, July 16, 1975.	--	--	Discussed and cited in text.	Provided to DTA electronically by HDR Arden office
Fish	Anadromous Fish and Restoration Program (AFRP)	2009	Vaki Riverwatcher Fish Monitoring System at Daguerre Point Dam. United States Fish and Wildlife Service. Accessed: August 2009.	--	--	Discussed and cited in text.	URL: http://www.fws.gov/stockton/afrp/project.cfm?code=2003-01

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Table B 5 Wildlife Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Wildlife Resources	Block, W. M. and M. L. Morrison.	1990	Wildlife diversity of the central Sierra foothills	California Agriculture, March - April	--	Cited in text -Results of a three year study of wildlife-habitat relationships in the oak woodlands of California's dierra foothills	HDR DTA Sacramento
Wildlife Resources	Bolster, B.C., Editor	1998	Terrestrial Mammal Species of Special Concern in California. Draft Final Report prepared by P.V. Brylski, P.W. Collins, E.D. Pierson, W.E. Rainey and T.E. Kucera. Report submitted to California Department of Fish and Game Wildlife Management Division, Nongame Bird and Mammal Conservation Program for Contract No.FG3146WM.	CDFG	--	Cited in text -This document is an update of the CDFG's mammal species of special concern.	http://www.dfg.ca.gov/wildlife/nongame/ssc/1998mssc.html
Wildlife Resources	California Department of Fish and Game (CDFG)	2009	California Natural Diversity Database (CNDDDB). Rarefind 4 Dated 2010	Biogeographic Data Branch	--	Cited in text -CNDDDB Quick Viewer Online Searchable Database - used to identify species occurrences within USGS topographic quads upstream, within and below the Project Area. Quads searched include Browns Valley and Yuba City (downstream); Strawberry Valley, Clipper Mills, Challenge, Camptonville, Pike, French Corral, Oregon House, and Smartville (within); and Clio, Calpine, Antelope Valley, Loyalton, Beckwourth Pass, Constantina, Evans Canyon, Frenchman Lake, and McKesick Peak (upstream).	http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp
Wildlife Resources	CDFG	2008	CA Wildlife Habitat Relationships (CWHR) System: version 8.2 personal computer program.	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	Cited in text -Desktop CWHR that allows queries of species based upon specific parameters such as habitat types or features, location, etc. Database query performed for <u>Sierra and Yuba County</u>	http://www.dfg.ca.gov/biogeodata/cwhr/cwhr_downloads.asp#CWHR_Software
Wildlife Resources	CDFG	2009	Special Animals (883 taxa)	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	Cited in text -Cited in text -List of species of special concern based on state, federal and <u>others resource agencies and organizations</u>	http://www.dfg.ca.gov/wildlife/nongame/list.html
Wildlife Resources	CDFG	2009	CA Wildlife Habitat Relations Species Life History Accounts and Range Maps	CDFG Biogeographic Data Branch, CA Natural Diversity Database	--	Cited in text -Searchable online database for species life history information and distribution in CA	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
Wildlife Resources	CDFG	2008	California Bird Species of Special Concern	CDFG	--	Cited in text -This is a list of CDFG's bird specis of special concern.	http://dfg.ca.gov/wildlife/nongame/ssc/docs/Table1_FIN.pdf
Wildlife Resources	California Department of Water Resources (CDWR)	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord.	Yuba County Water Agency and US Department of the Interior- Bureau of Land Reclamation	--	Cited in text -FEIS Chapter 11 provides a description of Terrestrial Resources within the Yuba Accord Project Area, which includes the <u>Yuba River below Englebright Dam</u> .	HDR DTA Sacramento
Wildlife Resources	deBecker, S. and A. Sweet.	1988	Crosswalk between WHR and California vegetation classifications. Pages 21-39 in: K.E. Mayer, and W.F. Laudenslayer, eds. 1988. A Guide to <u>Wildlife Habitats of California</u> .	CA Department of Forestry and Fire Protection, Sacramento, <u>California</u>	--	Cited in text -Links two separate vegetation classification systems (WHR and CalVeg)	http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/XCalVeg.pdf
Wildlife Resources	Humple, D. and G. R. Geupel.	2004	Song Sparrow (<i>Melospiza melodia</i>). <i>In</i> The Riparian Bird Conservation Plan: a strategy for reversing the decline of riparian-associated birds in <u>California</u> .	Partners in Flight	--	Cited in text.	http://www.prbo.org/calpif/htmldocs/riparian_v-2.html
Wildlife Resources	NatureServe	2009	Natureserve Explorer: An Online Encyclopedia of Life	NatureServe	--	Cited in text -online database of plant/animal records	http://www.natureserve.org/explorer/
Wildlife Resources	Nevada Irrigation District (NID)	2008	Yuba-Bear Hydroelectric Project, FERC Project No. 2266, Pre-Application Document	NID	--	Relicensing Documents - Yuba-Bear Hydroelectric Project - PAD Section 7.4 - <u>Wildlife Resources</u>	http://www.eurekasw.com/NID/Relicensing%20Documents/Forms/AllItems.aspx
Wildlife Resources	Sierra Foothill Research and Extension Center	2009	Natural Resources of the Sierra Foothills on Northern California	University of California Agriculture and Natural Resources	--	Brief summaries of the natural resources, species lists, and abstracts for biological studies <u>conducted in the area</u>	http://groups.ucanr.org/sierrafoothill/About_Sierra_Foothill_REC/Natural_Resources.htm

Table B 5 Wildlife Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Wildlife Resources	Sierra Foothill Research and Extension Center	2009	Natural Resources of the Sierra Foothills on Northern California	University of California Agriculture and Natural Resources	--	Brief summaries of the natural resources, species lists, and abstracts for biological studies conducted in the area	P:\YCWA\Background Materials\Sierra Foothill REC Natural Resources Web.mht
Wildlife Resources	US Forest Service (USFS)	1990	Tahoe National Forest Land and Resource Management Plan.	Department of Agriculture	--	Cited in text -This document is not included in references due to its large size	http://www.fs.fed.us/r5/tahoe/documents/forest_plan/1990_tnf_lrm.pdf
Wildlife Resources	US Forest Service (USFS)	2004	CalVeg Vegetation Classification System.	Department of Agriculture (USDA), Forest Service, Remote Sensing Lab - Ecosystem Planning, Sacramento, CA.	--	Background info, distribution, community descriptions relating to CA habitat types and crosswalks to other community type categories and descriptions	http://www.fs.fed.us/r5/rsl/projects/classification/nsierran-veg-descript.shtml
Wildlife Resources	US Forest Service (USFS)	2007	Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment.	USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.	--	Cited in text -Record of decision that identifies new MIS species for the Sierra Nevada Forest Group	HDR\DTA Sacramento
Wildlife Resources	US Forest Service (USFS)	2008	Sierra Nevada Forests (SNF) Bioregional Management Indicator Species (MIS) Monitoring Implementation Web Site.	USDA), Forest Service, Pacific Southwest Region, Vallejo, CA.	--	Cited in text -Web site for info on the new MIS species for the Sierra Nevada Forest Group	http://www.fs.fed.us/r5/snfmisa
Wildlife Resources	Yuba County General Plan Update Advisory Committee	2007	Yuba County General Plan Update: Biological Resources Background Report	Yuba County General Plan Update Advisory Committee	--	General Information - Yuba county general plan, discusses habitats, species of significance, etc in Yuba County	http://co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/yubacountygeneralplan.aspx
Fish, Wildlife, T&E	Yuba County Water Agency	2003	Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	YCWA	FWN PAD Questionnaire Response July 27, 2009	General Information -Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	FWN Disc (To Be Provided)
Wildlife Resources	Yuba County Water Agency	2009	Yuba River Development Project Relicensing	YCWA	--	General Information -Overview of project, facilities and features schematic	HDR\DTA Sacramento
All Resources	SYRCL	In Press	SYRCL Spatial Analysis of Yuba Rivers and Risk Assessment – Expected release April 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	General Information	HDR\DTA Sacramento
All Resources	Ayres Associates	1997	Yuba River Basin, California Project. Prepared for the U.S. Army Corps of Engineers, Sacramento District, Contract No. DACW05-92-C-0077; 1997.	--	FWN PAD Questionnaire Response July 27, 2009	General Information	HDR\DTA Sacramento
All Resources	EDAW and Flood Control Study Team	2004	Three Rivers Levee Improvement Authority. 2004. Final Environmental Impact Report for the Feather-Bear Rivers Levee Setback Project, an Element of the Yuba-Feather Supplemental Flood Control Project. (State Clearinghouse No. 2004072113.) Prepared by EDAW and Flood Control Study Team. November 2004	--	SYRCL PAD Questionnaire Response July 17, 2009 Note this document has been updated. See Geology	General Information	http://www.trlia.org/Feather%20River%20EIR.asp .
All Resources	EDAW, Jones and Stokes and Flood Control Study Team.	2003	Environmental Impact Report for the Yuba-Feather Supplemental Flood Control Project. Prepared for Yuba County Water Agency; 2003; State Clearinghouse # 2001072062.	--	FWN PAD Questionnaire Response July 27, 2009	General Information	HDR\DTA Sacramento
All Resources	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	General Information -Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	On FWN disc (pending)
All Resources	Pacific Stewardship Council	2007	Pacific Stewardship Council Narrows Planning Area. November 2007.	--	FWN PAD Questionnaire Response July 27, 2009	General Information -Pacific Stewardship Council Narrows Planning Area. November 2007.	On FWN disc (pending)
All Resources	Yarnell, Sarah et al.	2008	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	--	--	General Information -Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	On FWN disc (pending)
All Resources	Yuba County Water Agency	2002	Initial Study and Proposed Mitigated Negative Declaration Feasibility of Tailwater Depression at New Colgate Powerhouse. An Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW and Flood Control Study Team. September 2002.	--	SYRCL PAD Questionnaire Response July 17, 2009; FWN PAD Questionnaire July 27, 2009	General Information -In addition to information on the operation and construction of Colgate, the study has tables of powerhouse, releases, storage and stage at New Bullards Bar and river flows at Colgate and below Englebright from 1/17/74 through 1/9/97.	HDR\DTA Sacramento

Table B 5 Wildlife Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
All Resources	Yuba County Water Agency	2003	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW, November 26, 2003	--	FWN PAD Questionnaire Response July 27, 2009	General Information -Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW November 26 2003	HDR DTA Sacramento
All Resources	Yuba County Water Agency.	1998	Narrows II Powerhouse Intake Extension: Proposed Mitigated Negative Declaration and Initial Study. Marysville CA: Yuba County Water Agency. October 1998.	--	FWN PAD Questionnaire Response July 27, 2009	General Information	HDR DTA Sacramento
All Resources	--	1998	Feasibility Report, Yuba River Basin Investigation, California. 1998.	--	FWN PAD Questionnaire Response July 27, 2009	General Information	HDR DTA Sacramento
All Resources	--	1998	Feasibility Report, Yuba River Basin Investigation, California. 1998.	--	FWN PAD Questionnaire Response July 27, 2009	General Information	HDR DTA Sacramento
All Resources	--	1965	Yuba River Story.	--	SYRCL PAD Questionnaire Response July 17, 2009	General Information -Includes statistics and photographs of YRDP construction.	HDR DTA Sacramento
Wildlife Resources	Jennings, Mark R. and M.P. Hayes	1994	Amphibian and Reptile Species of Special Concern in California. Prepared for California Department of Fish and Game.	CDFG	--	Cited in text -This document summarizes CDFG's amphibian and reptile species of special concern.	http://www.dfg.ca.gov/wildlife/nongame/publications/docs/herp_ssc.pdf
Wildlife Resources	Snowden, J. and Perkins, P	1983	The Bucks Mountain/Mooretown Deer Herds Management Plan. Prepared for California Department of Fish and Game and United States Forest Service.	CDFG and USFS	--	Cited in text -This provides descriptions and ranges of the Bucks Mountain deer herd and the Mooretown deer herd.	HDR DTA Sacramento
Wildlife Resources	USFS	2009	TNF Wildlife species occurrence database.	USFS	--	Cited in text -GIS database of wildlife occurrences within TNF	HDR DTA Sacramento
Wildlife Resources	Wagner, R. and J. Finn	1985	Downieville/Nevada City Deer Herd Management Plan. Prepared for California Department of Fish and Game and United States Forest Service.	CDFG and USFS	--	Cited in text -This provides descriptions and ranges of the Downieville deer herd and the Nevada City deer herd.	HDR DTA Sacramento

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Table B-6 Botanical Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Botanical Resources	Lieberg, J.	1902	Forest Conditions in the Northern Sierra Nevada, California. U.S. Geological Survey Professional 12 Paper 8, Series H, Forestry; 1902.	--	FWN PAD Questionnaire Response July 27, 2009	A description of the Northern Sierra Nevada forest communities from 1902.	HDR DTA Sacramento
Botanical Resources	USDA Forest Service.	2004	Sierra Nevada Forest Plan Amendment, Final Supplemental Environmental Impact Statement Record of Decision. Vallejo, California; 2004.	--	FWN PAD Questionnaire Response July 27, 2009	Includes discussions of vegetation communities and how the Forest Service will manage botanical resources	HDR DTA Sacramento
Botanical Resources	USDA Natural Resources Conservation Service	2009	California State-listed Noxious Weeds	--	--	List of species considered to be noxious weeds in California.	http://plants.usda.gov/java/noxious?rptType=State&statefips=06
Botanical Resources	California Invasive Plant Council	2009	California Invasive Plant Inventory Database	--	--	List of species determined to be invasive in the state of California	http://www.cal-ipc.org/ip/inventory/weedlist.php
Botanical Resources	U.S. Fish and Wildlife Service	2009	USFWS Endangered Species Program	--	--	Search engine to research the ESA status of specific species	http://www.fws.gov/endangered/
Botanical Resources	California Department of Fish and Game	2009	CNDDDB Rarefind Version 3.1.0	--	--	Database that provides information about species that are of may become threatened in the state of California	http://www.dfg.ca.gov/biogeodata/cnddb/
Botanical Resources	California Department of Fish and Game	2005	The Status of Rare, Threatened, and Endangered Plants and Animals of California, 2000-2004	--	--	Summaries of species in the State of California that have been assigned a special states by the Department of Fish and Game	http://www.dfg.ca.gov/wildlife/nongame/t_e_spp/new_te_rpt.html
Botanical Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	--	--	Document details how Yuba River flow management affects species that occur within the watershed	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
Botanical Resources	Yuba County General Plan Update Advisory Committee	2007	Yuba County General Plan	--	--	Provided information relating to areas upstream of the project	http://co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/yubacountygeneralplan.aspx
Botanical Resources	U.S. Forest Service	2009	Remote Sensing Lab, Ecosystem Planning	--	--	CALVEG Zones 3 & 5 Descriptions	http://www.fs.fed.us/r5/rs1/projects/classification/veg-descript-text.shtml
Botanical Resources	California Department of Fish and Game	2009	CNDDDB Quick Viewer	--	--	Quad based search of special status species	http://imaps.dfg.ca.gov/viewers/cnddb_quickviewer/app.asp
Botanical Resources	California Native Plant Society	2009	CNPS Nine Quad Search	--	--	Search engine for specific quads and the 8 quads surrounding the target quad	http://cnps.web.aplus.net/cgi-bin/inv/inventory.cgi/Html?item=checkbox_9.htm
Botanical Resources	University and Jepson Herbaria of the University of California at Berkeley	2009	Jepson Interchange	--	--	Search engine providing life history and natural history information on plant species	http://ucjeps.berkeley.edu/interchange/
All Resources	Monahan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	On FWN disc (pending)
All Resources	Pacific Stewardship Council	2007	Pacific Stewardship Council Narrows Planning Area. November 2007.	--	FWN PAD Questionnaire Response July 27, 2009	Pacific Stewardship Council Narrows Planning Area. November 2007.	On FWN disc (pending)
All Resources	Yarnell, Sarah et al.	2008	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	--	FWN PAD Questionnaire Response July 27, 2009	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	On FWN disc (pending)
All Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	--	--	Document details how Yuba River flow management affects species that occur within the watershed	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
Botanical Resources	California Department of Agriculture (CDFA)	2009	Pest Ratings of Noxious Weed Species and Noxious Weed Seed	--	--	List of noxious weeds in California, along with their current CDFA pest rating	http://www.cdfa.ca.gov/phpps/ipc/weedinfo/winfo_list-pestrating.htm

Table B-6 Botanical Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Botanical Resources	CDFG	2009	State and Federally Listed Endangered, Threatened and Rare Plants of California. Updated October 2009	--	--	List of California state rare, threatened and endangered plants	http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/TEPlants.pdf
Botanical Resources	DiTomaso, Joseph and Evelyn Healy	2007	Weeds of California. University of California-Agriculture and Natural Resources Publication. Oakland, CA	--	--	Book with descriptions of the ecology and affects of and management strategies for noxious weeds in California	HDR DTA Sacramento
Botanical Resources	Nevada Irrigation District (NID) and Pacific Gas & Electric Company (PG&E)	In Press	Technical Memorandum 5-1. Special Status Plants. Yuba-Bear Hydroelectric Project FERC Project No. 2266-096, Drum-Spaulding Project FERC Project No. 2310-173, and Rollins Transmission Line Project FERC Project No. 2784-003. May. 52pp.	--	--	Technical report on results of special-status plant surveys performed for the Yuba-Bear, Drum-Spaulding Hydrorelicensing in 2009	HDR DTA Sacramento
Botanical Resources	Nevada Irrigation District (NID) and Pacific Gas & Electric Company (PG&E)	2010	Technical Memorandum 7-3. Endangered Species Act-Listed Plants. Yuba-Bear Hydroelectric Project FERC Project No. 2266-096, Drum-Spaulding Project FERC Project No. 2310-173, and Rollins Transmission Line Project FERC Project No. 2784-003. February.	--	--	Technical report on results of special-status plant surveys performed for the Yuba-Bear, Drum-Spaulding Hydrorelicensing in 2009	HDR DTA Sacramento
Botanical Resources	Nevada Irrigation District (NID) and Pacific Gas & Electric Company (PG&E)	2009	Technical Memorandum 7-6. California Endangered Species Act-Listed Plants. Yuba-Bear Hydroelectric Project FERC Project No. 2266-096, Drum-Spaulding Project FERC Project No. 2310-173, and Rollins Transmission Line Project FERC Project No. 2784-003. December.	--	--	Technical report on results of special-status plant surveys performed for the Yuba-Bear, Drum-Spaulding Hydrorelicensing in 2009	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service, Plumas National Forest	1991	Plant Occurrence Discovery Record- Fritillaria eastwoodiae.	--	--	Documentation of rare plant occurrence on Plumas Forest near Project	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service, Plumas National Forest	2000	Plant Occurrence Discovery Record- Cardamine pachystigma var.dissectifolia.	--	--	Documentation of rare plant occurrence on Plumas Forest near Project	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service, Plumas National Forest	2001	Plant Occurrence Discovery Record- Cardamine pachystigma var.dissectifolia.	--	--	Documentation of rare plant occurrence on Plumas Forest near Project	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service, Plumas National Forest	2004	Plant Occurrence Discovery Record- Fritillaria eastwoodiae.	--	--	Documentation of rare plant occurrence on Plumas Forest near Project	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service, Plumas National Forest	2010	Plumas National Forest Sensitive and Watchlist Plant Species.	--	--	List of sensitive and watchlist plants for the Plumas National Forest	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service. Tahoe National Forest	2010	Tahoe National Forest Sensitive Plants and Fungi.	--	--	List of sensitive plants and fungi for the Tahoe National Forest	HDR DTA Sacramento
Botanical Resources	United States Department of Agriculture, Forest Service. Tahoe National Forest	2010	Tahoe National Forest Watchlist- Plants.	--	--	List of watchlist plants for the Tahoe National Forest	HDR DTA Sacramento
Botanical Resources	United States Fish and Wildlife Service (USFWS)	2009	Official list of ESA-listed species. Generated 12/14/2009.	--	--	List of Endangered species by quad or county	http://www.fws.gov/sacramento/es/spp_lists/auto_list_form.cfm
Botanical Resources	United States Department of Agriculture, Forest Service, Plumas National Forest	1991	Plant Occurrence Discovery Records	--	--	Documentation of rare plant on Plumas Forest that were determined not to be near Project	Plumas Forest

Table B-7 Wetlands Riparian and Littoral

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Wetland/Riparian Resources	Harris, R. R. and D. Lindquist.	2000	Composition of Riparian Herb Communities on Streams with Regulated and Unregulated Streamflow, Eldorado National Forest, California. 2000. Notes: [SUBMITTED IN THE RELICENSING FOR EL DORADO]	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Wetland/Riparian Resources	Harris, R. R. C. A. Fox and R. Risser.	1987	Impacts of hydroelectric development on riparian vegetation in the Sierra Nevada region, California, USA. Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION.]	Environmental Management. 1987; 11:519-527.	FWN PAD Questionnaire Response July 27, 2009	--	--
Wetland/Riparian Resources	Potter, D. A.	2003	Draft riparian community type classification for the West Slope Central and Southern Sierra Nevada, California. USDA Forest Service, Pacific Southwest Region ; 2003. Notes: [SMUD FILED IN THEIR FINAL LICENSE APPLICATION.]	--	FWN PAD Questionnaire Response July 27, 2009	--	--
Wetland/Riparian Resources	Yuba County Water Agency & United States Department of the Interior and Reclamation	2007	The Yuba River Accord	YCWA	--	Document details riparian areas affected by hydro projects	HDR DTA Sacramento
Wetland/Riparian Resources	Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe	1979	Classification of wetlands and deepwater habitats of the United States.	USFWS	--	Document details the different types of wetland habitats	HDR DTA Sacramento
Wetland/Riparian Resources	U.S. Department of Agriculture- Forest Service	2004	Vegetation Classification: CALVEG Zones and Alliances – Vegetation Descriptions.	USDA-FS	--	Document details the different vegetation types, as described by CalVeg	http://www.fs.fed.us/r5/rsl/projects/classification/zone-map.shtml .
Wetland/Riparian Resources	U.S. Department of the Interior- Fish and Wildlife Service	1987	National Wetland Inventory Maps	USFWS	--	Maps of wetland resources	HDR DTA Sacramento
Wetland/Riparian Resources	U.S. Department of the Interior- Fish and Wildlife Service	1997	A system for mapping riparian areas in the western United States	USFWS	--	Document details riparian areas classifications	HDR DTA Sacramento
Wetland/Riparian Resources	Yuba County General Plan Update Advisory Committee	2007	Yuba County General Plan	Yuba County General Plan Update Advisory Committee	--	Provided information relating to areas upstream of the project	HDR DTA Sacramento

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Table B-8 Threatened and Endangered Species.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
RT&E Species Resources	Biosystems Analysis	1989	Endangered Species Alert Program Manual: Species Accounts and Procedures.	Southern California Edison	--	Cited in-text, taken from NatureServe (CA black rail species account).	http://www.natureserve.org/explorer
RT&E Species Resources	Birds of North America (BNA)	2006	--	BNA website	--	Cited in-text Species account for peregrine falcon.	http://bna.birds.cornell.edu/BNA/account/Peregrine_Falcon.html .
RT&E Species Resources	Bloom, O. H	1980	The status of Swainson’s hawks in California. CA Dept. Fish and Game Fed. Aid in Wildlife Restoration Proj.	CDFG W-54-R12.42pp.	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	California Department of Fish and Game (CDFG)	1990	1989 annual report on the status of California's state listed threatened and endangered plants and animals.	CDFG	--	Cited in-text [Black rail species account, Chinook salmon]	--
RT&E Species Resources	California Department of Fish and Game (CDFG)	2005	The Status of Rare, Threatened, and Endangered Animals and Plants of California 2000-2004.	CDFG	--	Cited in-text [Bald eagle, great gray owl species account]	HDR DTA Sacramento
RT&E Species Resources	California Department of Fish and Game (CDFG)	2009	Special Vascular Plants, Bryophytes, and Lichens List.	CDFG	--	--	--
RT&E Species Resources	California Department of Fish and Game (CDFG)	2009	California Natural Diversity Database (CNDDB)	CDFG Biogeographic Data Branch	--	Cited in-text. Recorded distribution of species of special concern based on state, federal and others resource agencies and organizations.	http://www.dfg.ca.gov/wildlife/nongame/list.html
Fish, RT&E Species Resources	California Department of Water Resources (CDWR)	2004	SP-T2 Project Effects on Special Status Wildlife Species Draft Final Report, Oroville Facilities Relicensing: FERC Project No. 2100.	--	--	Cited in-text. [Chinook species account]	http://www.water.ca.gov/orovillereLICensing/wg-reports_EWG.cfm
RT&E Species Resources	California Native Plant Society (CNPS)	2009	Inventory of Rare and Endangered Plants (online edition, v7-09b).	CNPS	--	--	http://www.cnps.org/inventory
RT&E Species Resources, Amphibians	Allen M.F, and T. Tennent.	2000	Evaluation of Critical Habitat for the California Red Legged Frog. Center for Conservation Biology, University of California at Riverside.	Center for Conservation Biology	FWN PAD Questionnaire Response July 27, 2009	General information. Aspects of the proposed critical habitat for California red-legged frog are reviewed. Does not include new information. The review is critical of certain aspects,including lack of specific criteria for designation of critical habitat, the approach for controlling introduced species and critical habitat units for the southernmost occurrences of California red-legged frog.	HDR DTA Sacramento
RT&E Species Resources	Evens, J., and G.W. Page	1986	Predation on black rails during high tides in salt marshes.	Condor	--	Cited in-text, taken from NatureServe 2009 (online database of plant/animal records)	http://www.natureserve.org/explorer
RT&E Species Resources, Amphibians	Hayes, M.P and M. R. Jennings	1988	Habitat correlates of distribution of the California red-legged frog (<i>Rana aurora draytonii</i>) and the foothill yellow-legged frog (<i>Rana boylei</i>): Implications for management. pp. 144-158. <i>In:</i> Szaro, Robert C.; Severson, Kieth E.; Patton, David R., technical coordinators. Management of amphibians, reptiles, and small mammals in North America: Proceedings of the symposium; 1988 July 19-21; Flagstaff, AZ. Gen. Tech. Rep. RM-166. 458 pp.	Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station.	FWN PAD Questionnaire Response July 27, 2009	Cited in-text. Article compares habitat features used by California red-legged frog and foothill yellow-legged frog, and identifies key factors which may govern their occurrence.	http://www.fs.fed.us/rm/pubs_rm/rm_gtr166.html
RT&E Species Resources, Amphibians	Jennings, M.R., M.P. Hayes	1994	Amphibian and reptile species of special concern in California. Prepared by California Academy of Sciences, Department of Herpetology San Francisco and Portland State University Department of Biology Portland and Oregon or California Department of Fish and Game, Inland Fisheries Division Rancho Cordova.	CDFG	--	Cited in-text. This report reviewed data on 80 amphibian and reptile taxa native to the State of California. All taxa potentially candidates for State or Federal "Threatened" or "Endangered" species listing were examined. Review of available data revealed that 48 of these 80 taxa warranted listing at some level.	HDR DTA Sacramento, HDR DTA Bellingham
RT&E Species Resources, Amphibians	California Academy of Sciences	1989	Final report of the status of the California redlegged frog (<i>Rana aurora draytonii</i>) in the Pescadero Marsh Natural Preserve. California Academy of Sciences, 56 pp.	CAS	FWN PAD Questionnaire Response July 27, 2009	Unavailable - have not reviewed (likley to represent general information).	Do not have

Table B-8 Threatened and Endangered Species.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
RT&E Species Resources	Jurek, R.M.	1988	Five-year status report. Bald Eagle	Unpublished Report. Sacramento, CA: California Department of Fish and Game, Wildlife Management Division.	--	Cited in-text	Could not find (JMT)
RT&E Species Resources	Evens, J.G. et al.	1991	Distribution, relative abundance and status of the California black rail in western North America.	Condor	--	Cited in-text, taken from NatureServe 2009 (online database of plant/animal records)	--
RT&E Species Resources	Moyle, Peter B	1976	Inland Fishes of California	University of California Press	--	--	--
Fish	Moyle, P. B.	2002	Inland Fishes of California. University of California Press, Berkley CA.	Berkeley, CA: University of California Press.	FWN PAD Questionnaire Response July 27, 2009	Update of 1976 document?	--
RT&E Species Resources	NatureServe	2009	Natureserve Explorer: An Online Encyclopedia of Life	NatureServe		Cited in-text. online database of plant/animal records	http://www.natureserve.org/explorer/
RT&E Species Resources	USDI Fish and Wildlife Service (FWS).	1999	Conservation guidelines for the valley elderberry longhorn beetle. Notes: 13 p. Sacramento, California : U.S. Department of the Interior, Fish and Wildlife Service: 1999.	--	FWN PAD Questionnaire Response July 27, 2009	--	--
RT&E Species Resources, Amphibians	United States Fish and Wildlife Service (USFWS)	1997	Guidance on Site Assessment and Field Surveys for the California Red-legged Frog. Dated February 18, 1997.	USFWS	--	Cited in-text. Includes habitat information for California red-legged frog	HDR DTA Bellingham
RT&E Species Resources	USFWS	1984	Valley Elderberry Longhorn Beetle Recovery Plan	USFWS	--	--	www.fws.gov
RT&E Species Resources	USFWS	2002	Recovery Plan for Gabbro Soil Plants of the Central Sierra Nevada Foothills.	USFWS	--	--	www.fws.gov
RT&E Species Resources	USFWS	2002	Recovery Plan for the California Red-legged Frog (<i>Rana aurora draytonii</i>)	USFWS	--	Cited in-text. USFWS plan describes current species status, habitat requirements, and recovery objectives.	www.fws.gov
RT&E Species Resources	USFWS	2005	Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon	USFWS	--	Cited in-text. USFWS plan delineating research and management actions necessary to support recovery of vernal pool organisms.	www.fws.gov
RT&E Resources, Amphibians	US Fish and Wildlife Service (USFWS)	2006	Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the California Red-legged Frog, and Special Rule Exemption Associated with Final Listing for Existing Routine Ranching Activities; Final Rule.	Federal Register; 71 FR 19243 19346	--	Designation of critical habitat units for California red-legged frog. Includes Description of habitat requirements for CA red-legged frog.	http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D02D
RT&E Species Resources	USFWS	2010	Federal Endangered and Threatened Species that Occur in or may be Affected by Project in the Counties and/or U.S.G.S. 7 1/2 minute Quads you requested.	USFWS	--	Cited in-text. List of species that occur in USGS topographic quadrangles in Project vicinity.	www.fws.gov
RT&E Species Resources	USFWS	2009	Threatened and Endangered Species System (TESS). Listed FWS/Joint FWS and NMFS Species and Populations with Recovery Plans.	USFWS	--	--	www.fws.gov
RT&E Species Resources	USFWS	2001	Saqramento Fish and Wildlife Office Species Account: American peregrine falcon (Falco peregrinus anatum)	USFWS	--	Cited in- text. Species description	http://www.fws.gov/sacramento.
Fish, RT&E Species Resources, Wildlife	Yuba County Water Agency	2003	Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	--	FWN PAD Questionnaire Response July 27, 2009	General Info. Biological Assessment Lower Yuba River Development prepared for YCWA, FERC, NOAA by SWRI. September 2003.	FWN disc (To Be Provided)
All Resources	SYRCL	In Press	SYRCL Spatial Analysis of Yuba Rivers and Risk Assessment – Expected release April 2009	--	SYRCL PAD Questionnaire Response July 17, 2009	--	In press, do not have?

Table B-8 Threatened and Endangered Species.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
All Resources	Ayres Associates	1997	Yuba River Basin, California Project. Prepared for the U.S. Army Corps of Engineers, Sacramento District, Contract No. DACW05-92-C-0077.	--	FWN PAD Questionnaire Response July 27, 2009	--	According to Wildlife appendix B, is General info on HDR DTA Sac server. Could not find (SM)
All Resources	EDAW and Flood Control Study Team	2004	Three Rivers Levee Improvement Authority. 2004. Final Environmental Impact Report for the Feather-Bear Rivers Levee Setback Project, an Element of the Yuba-Feather Supplemental Flood Control Project. (State Clearinghouse No. 2004072113.) Prepared by EDAW and Flood Control Study Team. November 2004.	State Clearinghouse No. 2004072113. Prepared by EDAW and Flood Control Study Team. November 2004.	SYRCL PAD Questionnaire Response July 17, 2009	General info. Feather-Bear Rivers Levee Setback involves setting back the right bank levee of the lower Bear River from the confluence with the Feather River, which is implemented to achieve a 200-yr level of flood protection, and results in more than 300 acres of ripairan wetlands restoration along the lower Bear River.	http://www.trlia.org/Feather%20River%20EIR.asp
All Resources	EDAW, Jones and Stokes and Flood Control Study Team.	2003	Environmental Impact Report for the Yuba-Feather Supplemental Flood Control Project. Prepared for Yuba County Water Agency; 2003; State Clearinghouse # 2001072062.	--	FWN PAD Questionnaire Response July 27, 2009	General info.	--
All Resources	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	General info. Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	On FWN disc (pending)
All Resources	Pacific Stewardship Council	2007	Pacific Stewardship Council Narrows Planning Area. November 2007.	--	FWN PAD Questionnaire Response July 27, 2009	General info. Pacific Stewardship Council Narrows Planning Area. November 2007.	On FWN disc (pending)
All Resources	Yarnell, Sarah et al.	2008	Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	--	--	General info. Ecology and Management of the Spring-Snowmelt Recession. Draft April 2008.	On FWN disc (pending)
All Resources	Yuba County Water Agency	2002	Initial Study and Proposed Mitigated Negative Declaration Feasibility of Tailwater Depression at New Colgate Powerhouse. An Element of the Yuba-Feather Supplemental Flood Control Project. Prepared by EDAW and Flood Control Study Team. September 2002.	--	SYRCL PAD Questionnaire Response July 17, 2009; FWN PAD Questionnaire July 27, 2009	General info. In addition to information on the operation and construction of Colgate, the study has tables of powerhouse, releases, storage and stage at New Bullards Bar and river flows at Colgate and below Englebright from 1/17/74 through 1/9/97	HDR DTA Sacramento
All Resources	Yuba County Water Agency	2003	Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW, November 26, 2003	--	FWN PAD Questionnaire Response July 27, 2009	General info. Proposed Negative Declaration for Narrows II Flow Bypass System Project 20050329- 4019(8515506), Prepared for YCWA by EDAW November 26, 2003	--
All Resources	Yuba County Water Agency.	1998	Narrows II Powerhouse Intake Extension: Proposed Mitigated Negative Declaration and Initial Study. Marysville CA: Yuba County Water Agency. October 1998.	--	FWN PAD Questionnaire Response July 27, 2009	General info.	HDR DTA Sacramento
All Resources	--	1998	Feasibility Report, Yuba River Basin Investigation, California.	--	FWN PAD Questionnaire Response July 27, 2009	General info.	According to Wildlife appendix B, is General info on HDR DTA Sac server. Could not find (SM)
All Resources	--	1965	Yuba River Story.	--	SYRCL PAD Questionnaire Response July 17, 2009	General info. Includes statistics and photographs of YRDP construction.	According to Wildlife appendix B, is General info on HDR DTA Sac server. Could not find (SM)
All Resources	Yuba County Water Agency, Department of Water Resources, and Bureau of Reclamation	2007	Final Environmental Impact Report/Environmental Impact Statement for the Proposed Lower Yuba River Accord. October	Prepared by HDR & Surface Water Resources, Inc	--	General info. Document details how Yuba River flow management affects species that occur within the watershed	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2549
RT&E Species Resources	Beck, T.W	1985	Habitat suitability index model for great gray owl. USDA Forest Service, Stanislaus National Forest. Sonora, CA. Draft publication. 15 pp.	USFS	--	Cited in-text taken from USFS 2004 species description	http://www.fs.fed.us/r5/snfpa/final-seis/vol1/chapter-3/3-2/index.html
RT&E Species Resources	California Department of Transportation (CalTrans)	2003	USFWS GIS metadata.	USFWS	--	Shapefiles of vernal pool species' critical habitat	http://www.dot.ca.gov/hq/tsip/gis/datalibrary/metadata/vernal_pool.shp.xml

Table B-8 Threatened and Endangered Species.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
RT&E Species Resources	Dixon, K. L., R. E. Dixon, and J. E. Dixon.	1957	Natural history of the white-tailed kite in San Diego County, California.	Condor 59:156-165.	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	Evens, J. G., et al.	1991	Distribution, relative abundance and status of the California black rail in western North America	Condor 88:107-109.	--	Cited in-text, taken from NatureServe 2009 (online database of plant/animal records)	http://www.natureserve.org/explorer
RT&E Species Resources	Gains, D.	1974	Review of the status of the Yellow-billed Cuckoo in California: Sacramento Valley populations.	Condor 76:204-209.	--	Cited in-text, taken from NatureServe 2009 (online database of plant/animal records)	http://www.natureserve.org/explorer
RT&E Species Resources	Gains, D. A.	1977	The valley riparian forests of California: Their importance to bird populations. <i>In</i> : Ann Sands (editor) Riparian Forests in California: Their ecology and conservation.	Institute of Ecology Publication 15, Univ. of California, Davis, CA. 57-85.	--	Cited in-text	Could not find (JMT)
RT&E Species Resources	Garrett, K., and J. Dunn	1981	Birds of southern California.	Los Angeles Audubon Soc. 408pp	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	Greene, C	1995	Habitat requirements of great gray owls in the central Sierra Nevada. Master thesis. Univ. of Mich. 94 pp.		--	Cited in-text taken from USFS 2004 species description	http://www.fs.fed.us/r5/snfpa/final-seis/vol1/chapter-3/3-2/index.html
RT&E Species Resources	Grinnell, J., J.S. Dixon, and J.M. Linsdale.	1973	Fur-bearing mammals of California. 2 Vols.	University of California Press, Berkeley. 777pp	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	Grinnell, J., and A.H. Miller	1944	The distribution of the birds of California. Pac. Coast	Avifauna No. 27. 608pp	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	Hayward, G.D., and J. Verner, editors.	1994	Review of technical knowledge: boreal owls. <i>In</i> : Flammulated, boreal, and great gray owls in the United States: a technical conservation assessment.	USDA Forest Service. Gen. Tech. Rept. RM-253. Fort Collins, CO. Pp. 92-127.	--	Cited in-text taken from USFS 2004 species description	http://www.fs.fed.us/r5/snfpa/final-seis/vol1/chapter-3/3-2/index.html
RT&E Species Resources	Hughes, J.M.	1999	Yellow-billed Cuckoo (COCYZUS AMERICANUS). <i>In</i> : A. Pool and F. Gill, editors, The Birds of North America, No 418.	The Birds of North America, Inc., Philadelphia, PA 28pp.	--	Cited in-text, taken from NatureServe 2009 (online database of plant/animal records)	http://www.natureserve.org/explorer
RT&E Species Resources	Radtke	1966	Distribution of smelt, juvenile sturgeon, and starry flounder in the Sacramento-San Joaquin Delta with observations on food of sturgeon. p. 115-129. In J. L. Turner and D. W. Kelly (comp.) Ecological studies of the Sacramento-San Joaquin Delta. Part II Fishes of the Delta.	--	--	--	--
RT&E Species Resources	Schempf, P. F., and M. White	1977	Status of six furbearer populations in the mountains of northern California.	U.S. Dep. Agric., For. Serv., San Francisco, Calif 51pp	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	Taylor, W. P.	1954	Food habits and notes on life history of the ring-tailed cat in Texas.	J. Mammal. 35:55-63	--	Cited in-text, taken from CDFG 2009c (species description).	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	Tierney, Marilyn	2010	USFS, Tahoe National Forest (TNF). Pers. comm. with Tortosa, Justin of HDR.	USFS	--	Cited in-text, Info regarding great gray owl nest location relative to Project features	--
RT&E Species Resources	Trapp, G. R.	1978	Comparative behavioral ecology of the ringtail and gray forx in southwestern Utah.	Carnivore 1:3-32	--	Cited in-text, taken from CDFG 2009c (species description)	http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.aspx
RT&E Species Resources	United States Department of Agriculture Forest Service (USFS) . TNF Pacific Southwest Region (USFS).	2007	Sensitive Animal Species by Forest. Appended October 2007.	TNF	--	Cited in-text, TNF species list	http://www.fs.fed.us/r5/projects/sensitive-species/sensitive-animals.html .
RT&E Species Resources	United States Department of Agriculture Forest Service (USFS).	2009	TNF Wildlife species occurrence database.	TNF	--	Cited in-text, GIS database that includes documented wildlife occurrences within TNF.	HDR DTA Sacramento
RT&E Species Resources	United States Fish and Wildlife Service (USFWS)	1997	Guidance on Site Assessment and Field Surveys for the California Red-legged Frogs. Dated February 18, 1997.	USFWS	--	--	--
RT&E Species Resources	United States Fish and Wildlife Service (USFWS)	1999	Yuba River Temperature Monitoring Project. Prepared for the United States Fish and Wildlife Service Sacramento/San Joaquin River Fishery Restoration Office. Pp19. February 1999.	USFWS	--	--	--
RT&E Species Resources	United States Fish and Wildlife Service (USFWS)	2001	Sacramento Fish and Wildlife Office Species Account: Hartweg’s golden sunburst (<i>Pseudobahia bahiifolia</i>).	USFWS	--	--	http://www.fws.gov/sacramento

Table B-8 Threatened and Endangered Species.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
RT&E Species Resources	United States Fish and Wildlife Service (USFWS)	2010	Nevada Fish and Wildlife Office. Fisher (<i>Martes pennanti</i>)	USFWS	--	--	http://www.fws.gov/nevada/nv_species/fisher.html
RT&E Species Resources	Holland, R.F.	1998	Great Valley vernal pool distribution, photorevised 1996. Pages 71-75 in: C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren Jr. and R. Ornduff, editors. Ecology, conservation, and management of vernal pool ecosystems -Proceedings from a 1996 Conference.	CNPS	--	Cited in-text. Study based upon re-mapping of Central Valley pool distribution.	http://www.cnps.org/cnps/conservation/vernalpools.php
RT&E Species Resources	Helm, B. P.	1998	Biogeography of eight large branchiopods endemic to California. Pages 124-139 in: C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren Jr. and R. Ornduff, editors. Ecology, conservation, and management of vernal pool ecosystems--Proceedings from a 1996 Conference.	CNPS	--	Cited in-text. Biogeography of vernal pool tadpole shrimp and vernal pool fairy shrimp	http://www.cnps.org/cnps/conservation/vernalpools.php
RT&E Species Resources	Sugnet, P.	1993	Preliminary compilation of documented distribution, fairy shrimp and tadpole shrimp proposed for listing.	Sugnet and Associates	--	Cited in-text. Distribution of vernal pool tadpole shrimp.	Could not find
RT&E Species Resources	Eriksen, C. H. and D. Belk	1999	Fairy shrimps of California's puddles, pools, and playas.	Mad River Press	--	Cited in-text. Classic fairy shrimp guide.	http://www.amazon.com/Fairy-Shrimps-Californias-Puddles-Playas/dp/0916422836
RT&E Species Resources	Gallagher, S.P.	1996	Seasonal occurrence and habitat characteristics of some vernal pool branchiopods in northen California. 16:323-329	Journal of Crustacean Biology	--	Cited in-text. Information on life history and habitats of branchiopods in California vernal pools.	http://www.jstor.org/pss/1548890
RT&E Species Resources	Keeley, J. E. and P. H. Zedler	1998	Characterization and global distribution of vernal pools. Pages 1-14 in: C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren Jr. and R. Ornduff, editors. Ecology, conservation, and management of vernal pool ecosystems - proceedings from a 1996 Conference	CNPS	--	Cited in-text. Chemical parameters of California vernal pools	http://www.cnps.org/cnps/conservation/vernalpools.php
RT&E Species Resources	Platenkamp, G.A.	1998	Patterns of vernal pool biodiversity at Beale Air Force Base. Pages 151-160 in: C. W. Witham, E. T. Bauder, D. Belk, W. R. Ferren, Jr., and R. Ornduff, editors. Ecology, conservation, and management of vernal pool ecosystems - proceedings from a 1996 conference.	CNPS	--	Cited in-text. The effects of substrate geomorphic surface and physical vernal pool dimensions on plant species richness and composition, and large branchiopod occurrences were investigated for 814 vernal pools at Beale Air Force Base, Yuba County, California	http://www.vernalpools.org/proceedings/Platenkamp.pdf
RT&E Species Resources	Shaffer, H. B., G. M. Fellers, S. Randal Voss, J. C. Olive and G. B. Pauly	2004	Species boundaries, phylogeography and conservation genetics of the red-legged frog (<i>Rana aurora/dravtonii</i>) complex. 13: 2667-2677	Molecular Ecology	--	Cited in-text. Distribution of California red-legged frog.	http://www.eve.ucdavis.edu/shafferlab/publications.htm

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Table B-9 Recreation Resources							
Resource Area	Author	Date	Title / Full Citation	Publisher	Source/Agency Recommendation	Summary Description	Location
Recreation	American Whitewater	2009	National Whitewater Database, River Info: California State Rivers. American Whitewater. 2009.	American Whitewater	Licensee Source Search	CITED IN TEXT. Database provides flow information including flow ranges and descriptions of whitewater reaches in California	http://www.americanwhitewater.org/content/River/state-summary/state/CA
Recreation	California Creeks	2009	Whitewater Boating Web Guide. < http://cacreeks.com > Accessed June 2, 2009.	California Creeks	Licensee Document Search	Guide provides flow information including flow ranges,descriptions and photos of whitewater reaches in California	http://cacreeks.com
Recreation	California Department of Fish and Game (CDFG)	2002	California Department of Fish and Game (CDFG). 2002. Fishing California's Sacramento Valley - Central Sierra Region. Sacramento, CA. < http://www.dfg.ca.gov/publications/docs/FishGuideR2.pdf > Accessed April 2009.	California Department of Fish and Game (CDFG)	Licensee Document Search	CITED IN TEXT. Guide provides fishing information related to species, type of opportunities, facilities and directions. This report includes New Bullards Bar Reservoir	http://www.dfg.ca.gov/publications/docs/FishGuideR2.pdf
Recreation	California Department of Fish and Game (CDFG)	2009	California Department of Fish and Game (CDFG). 2009d. Fish Hatcheries – Fish Hatchery List. CDFG Fisheries Branch, Sacramento, CA. < http://www.dfg.ca.gov/fish/Hatcheries/HatList.asp > Accessed April 2009.	California Department of Fish and Game (CDFG)	Licensee Document Search	CITED IN TEXT. Website provides details on hatchery/fish stocking in reservoirs/lakes in California	http://www.dfg.ca.gov/fish/Hatcheries/HatList.asp
Recreation	California Department of Parks and Recreation (CDPR).	2008	Public Opinions and Attitudes on Outdoor Recreation in California 2008. Sacramento, California. June 2009.	California State Parks	FWN PAD Questionnaire Response July 27, 2009	CITED IN TEXT. A public opinion survey was undertaken to obtain the information needed for the California Outdoor Recreation Plan, and partially replicates previous surveys completed for 1987, 1992, 1997 and 2002. The 2008 survey focused on (1) public attitudes, opinions, and values regarding key areas of interest relating to outdoor recreation opportunities in California; and (2) public participation interests in different types of outdoor recreation activities, including latent or unfulfilled demand.	http://www.parks.ca.gov/pages/795/files/2009-2014%20corp.pdf
Recreation	Emerald Cove Marina	2009	Emerald Cove Marina. 2009. Bullards Bar Recreation Area. < http://www.bullardsbar.com > Accessed June 9, 2009.	NA	Licensee Document Search	CITED IN TEXT. Website with general information on recreation facilities and opportunities at New Bullards Bar Reservoir	http://www.bullardsbar.com

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Table B-10 Land Use Resources

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Land Use	California Resources Agency	2009	California Wild and Scenic River System and Management Agencies. <http://www.dot.ca.gov/ser/vol1/sec3/special/ch19wsrivers/chap19.htm#CWSRS> Accessed June 24, 2009.		California Wild and Scenic River System	River - List of rivers state-designated as Wild and Scenic.	http://www.dot.ca.gov/ser/vol1/sec3/special/ch19wsrivers/chap19.htm#CWSRS
Land Use	County of Sierra	2009	County of Sierra. Sierra County Public Land Use map. <http://64.146.13.207/SierraCountyPublic/home/index.aspx> Accessed June 2009		County of Sierra	Land - Interactive GIS imagery in which users can select layers to be displayed	http://64.146.13.207/SierraCountyPublic/home/index.aspx
Land Use	County of Sierra	1996	Sierra County Planning Department. 1996. Sierra County General Plan. Background Document Vol 1. Prepared by Planning Concepts, Nevada City.		County of Sierra	Land - Describes existing land use conditions in Sierra County	HDR/DTA, Sacramento
Land Use	County of Sierra	1996	Sierra County General Plan. Prepared by Planning Concepts, Nevada City.		County of Sierra	Land - Description of Sierra County guidelines for land use	HDR/DTA, Sacramento
Land Use	County of Sierra	1998	1998. Sierra County Zoning Ordinance. Accessed June 2009		County of Sierra	Land - Documents Sierra County Zoning Ordinances	http://library.ceres.ca.gov/cgi-bin/doc_home?elib_id=2530
Land Use	County of Yuba	1994	Yuba County General Plan; Volume I, Environmental Setting; Volume II, Land Use, Circulation, Conservation and Open Space Elements; and Volume III, Draft Environmnetal Impact Report.		County of Yuba	Land - Description of Yuba County guidelines for land use	http://www.co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/yubacountygeneralplan.aspx
Land Use	County of Yuba	1996	Yuba County General Plan; Volume IV, Final Environmnetal Impact Report.		County of Yuba	Land - Description of Yuba County guidelines for land use	http://www.co.yuba.ca.us/Departments/Community%20Development/Planning/Default%20Pages/yubacountygeneralplan.aspx
Land Use	County of Yuba	1996	General Plan and Specific Plan Land Uses. Accessed June 15, 2009		County of Yuba	Land - Map of land use designation by county general plan and local specific plans.	http://gis.co.yuba.ca.us/images/maps/GPlan24x36.pdf
Land Use	County of Yuba	2008	Zoning Ordinances.		County of Yuba	Zoning Ordinances for lands in Yuba County.	http://www.co.yuba.ca.us/departments/BOS/documents/ordinance/
Land Use	County of Yuba	2009	Yuba County General Plan Update, Vision Goals and Strategies		County of Yuba	Environmental, Land Use, Socioeconomic Characteristics Updates	http://www.yubavision2030.org/
Land Use	Federal Emergency Management Agency (FEMA)	2009	Federal Emergency Management Agency (FEMA). Accessed June 2009		FEMA	Flood - GIS flood data used to calculate Project Area affected by 100- and 500-year floods	http://www.fema.gov/hazard/map/q3.shtm
Land Use	Pacific Forest and Watershed Lands Stewardship Council	2007	Land Conservation Plan Volume II. Narrows Planning Unit, Yuba-Bear River watershed. <http://lcp.stewardshipcouncil.org/Vol_2/index.htm> Accessed June 2009		PG&E	Land - Describes existing uses of land by Narrows #1 and Narrows #2 developments.	HDR/DTA, Sacramento
Land Use	U.S. Army Corps of Engineers (USACE)	1975	Design Memorandum No. 4 Harry L. Englebright Lake. Master Plan. USACE, Yuba River, California.		USACE	Land, Ownership - USACE management guidelines for the Englebright Lake property in the Project Area by Narrows No. 2	HDR/DTA, Sacramento
Land Use	U.S. Department of Agriculture, Forest Service (USFS)	2008	Herger-Feinstein Quincy Library Group (HFQLG) Maps. HFQLG Pilot Project. USDA Forest Service Pacific Southwest Region <http://www.fs.fed.us/r5/hfqlg/maps/> Accessed June 25, 2009.		USFS	Land - Map of areas affected by HFQLG USFS fuels management activities	http://www.fs.fed.us/r5/hfqlg/maps
Land Use	U.S. Department of Agriculture, Forest Service (USFS)	1988	Plumas National Forest, Land and Resource Management Plan. USDA Forest Service Pacific Southwest Region		USFS	Land, Ownership - USFS standards and guidelines for management areas in Project area	HDR/DTA, Sacramento
Land Use	U.S. Department of Agriculture, Forest Service (USFS)	2007	Tahoe National Forest, Land and Resource Management Plan as Amended. USDA, Nevada City, CA. 908 pp.		USFS	Land, Ownership - USFS standards and guidelines for USFS management areas in Project area.	HDR/DTA, Sacramento; http://www.fs.fed.us/r5/tahoe/documents/forest_plan/1990_tnf_lrmp.pdf
Land Use	U.S. Department of Interior (U.S. DOI), Bureau of Land Management (BLM)	2007	Sierra Resource Management Plan and Environmental Impact Statement. BLM, Folsom, CA.		BLM	General - The BLM prepared this RMP and EIS to provide direction for managing public lands administered by the Folsom Field Office and to analyze the environmental effects resulting from implementing the alternatives presented.	HDR/DTA, Sacramento
Land Use	U.S. Department of Interior (U.S.DOI), National Park Service (NPS)	2007	California Segments, N-Z. US Department of Interior. <http://www.nps.gov/nrcr/programs/rtca/nri/states/ca2.html> Accessed June 25, 2009.		NPS	River - List of rivers in the National River Inventory	http://www.nps.gov/nrcr/programs/rtca/nri/states/ca2.html
Land Use	U.S. Fish and Wildlife Service	2007	National Wild and Scenic River System. 2007. Wild Rivers List. <http://www.rivers.gov/wildriverslist.html> Last updated 6/25/09, accessed 6/25/09.		National Wild and Scenic River System	River - List of rivers federally designated as Wild and Scenic	http://www.rivers.gov/wildriverslist.html
Land Use	USFS, Tahoe National Forest; USDOI, BLM; California Resources Agency, State Parks; and Nevada County	2005	South Yuba River Comprehensive Management Plan- Final. 95 pp + maps.		USFS, BLM, State Parks, County of Nevada	General - This plan includes: a description of the agencies and the associated laws and policies that guide their decision making, a description of the river's existing condition, a desired future condition, and the Management Actions to be taken to achieve the desired condition. It also focuses on Recreation Management and outlines the framework for implementation and monitoring of the planning elements.	HDR/DTA, Sacramento
Land Use	University of California, Sierra Foothill Research and Extension Center	1994	Strategic Plan. University of California (UC), Agriculture & Natural Resources. http://groups.ucanr.org/sierrafoothill/About_Sierra_Foothill_REC/Strategic_Plan.htm > Accessed June 2009		University of California	Land, Ownership - Sierra Foothill Research and Extension Center management objectives for the state property through which the Narrows #2 Access Rd passes	http://groups.ucanr.org/sierrafoothill/About_Sierra_Foothill_REC/Strategic_Plan.htm
Land Use	Yuba County Water Agency and the Bureau of Reclamation	2007	Yuba County Water Agency and the Bureau of Reclamation. 2007. Draft Environmental Imapact Report/Environmental Impact Statement for Proposed Lower Yuba River Accord. Yuba County Water Agency and US Department of Interior (DOI)		Bureau of Reclamation	Land - Describes existing land use conditions and management plans for the Lower Yuba River	HDR/DTA, Sacramento

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Table B-11 Aesthetic Resources

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Aesthetics	USDA Forest Service	1974	United States Department of Agriculture Forest Service (USDA-FS). 1974 National Forest landscape Management, Volume 2. Chapter 1, The Visual Management System. Agriculture Handbook Number 462.	USDA -Forest Service		Background information. Describes the Visual Quality Objective (VQOs) levels and how to accomplish the various inventories and mapping exercises that create the VQOs.	DTA Sacramento
Aesthetics	USDA-FS, Tahoe National Forest	1990	United States Department of Agriculture Forest Service (USDA-FS). 1990. Tahoe National Forest Land and Resource Management Plan. USDA Forest Service, Pacific Southwest Region, San Francisco, CA.	Tahoe National Forest		Cited in text. Provides visual resource management direction forest wide and in Management Areas. Includes Visual Quality Objectives definitions in the Standards and Guidelines and sets VQOs for Management Areas. A forestwide map of VQOs is also provided.	DTA Sacramento
Aesthetics	USDA-FS, Tahoe National Forest	1990	LRMP - GIS LAYER - Visual Quality Objectives Forest wide map	Tahoe National Forest		Background information. LRMP - GIS LAYER - Visual Quality Objectives mapped Forest wide based on Management Area direction.	DTA Sacramento
Aesthetics	USDA-FS, Plumas National Forest	1998	United States Department of Agriculture Forest Service (USDA-FS). 1988. Plumas National Forest Land and Resource Management Plan, Pacific Southwest Region, San Francisco, CA.	Plumas National Forest		Cited in text. Provides visual resource management direction forest wide and in Management Areas. Includes Visual Quality Objectives definitions in the Standards and Guidelines and sets VQOs for Management Areas. A forestwide map of VQOs is also provided.	Plumas National Forest Website
	USDA-FS. Tahoe National Forest	1991	United States Department of Agriculture Forest Service (USDA-FS). Tahoe National Forest 1991. Special Use Permit between the Yuba County Water Agency and the United States Forest Service. Camptonville, California. 7 pp. and appendices.	Tahoe National Forest		Cited in text. Is the special use permit that lays out what recreation facilities are allowed on NFS land and the obligations and responsibilities of YCWA and the US Forest Service respectively.	
Aesthetics	USDI-BLM, Folsom Field Office. Sierra Resource Management Plan February 2008	2008	United States Department of Interior Bureau of Land Management (USDI-BLM) 2007. Sierra Resource Management Plan, USDI Bureau of Land Management Folsom District, Folsom, CA.	BLM, Folsom Field Office		Cited in text. Provides broad visual resource direction and specific direction where desired. Includes Visual Management Classes and map.	DTA Sacramento
Aesthetics	USDI-Bureau of Land Management	1976	United States Department of Interior Bureau of Land Management (USDI-BLM) 1976. Bureau of Land Management Handbook H 8410-1 Visual Resource Inventory. Washington D.C.	USDI, BLM		Background information. Provides explanation of visual management classes and the steps followed to develop them.	BLM Website
Aesthetics	USDI-Bureau of Land Management	1976	United States Department of Interior Bureau of Land Management (USDI-BLM) 1976 Bureau of Land Management Handbook H8431-1 Visual Resource Contrast Rating. Washington D.C.	USDI, BLM		Background informationProvides explanation how to evaluate facilities or activities and determine whether it meets visual management class assigned to area using the visual contrast rating system.	BLM Website
Aesthetics	Nevada County, California	1996	Nevada County. 1996. Nevada County General Plan, nevada County, CA.	Nevada County		Cited in text. Provides general and specific direction for visual resources also referred to as aesthetic values or scenic beauty	County Website
Aesthetics	Sierra County, California	1996	Sierra County. 1996. Sierra County General Plan, Sierra County, CA.	Sierra County		Cited in text. Provides general and specific direction for visual resources with in the Land Use section and the Scenic Highway Corridor section.	DTA Sacramento
Aesthetics	Yuba County, California	1973	Yuba County. 1973. Yuba County General Plan, Yuba County, CA.	Yuba County		Cited in text. Provides general and specific direction for visual resources within the Open space and Conservation Element of the Circulation Plan and Scenic Corridors under Section 12, Transportation and Circulation Plan.	County Website
Aesthetics	Yuba County Water Agency (YCWA)	2009	Yuba County Water Agency (YCWA) 2009 Yuba River Development Project Re-licensing.	YCWA		Cited in text. Preliminary summary of Project Facilities and their locations on the Middle Yuba, Oregon Creek, North Yuba, and Yuba Rivers.	DTA Sacramento
Aesthetics	United States Army Corps of Engineers (USACE)	1975	United States Army Corps of Engineers (USACE) 1975. Harry L. Englebright Lake, Yuba River California 1975 Master Plan	USACE		Cited in text. Provides broad direction for land uses and management issues.	USACE, Sacramento

Table B-12 Socio-Economic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Socioeconomics	California Employment Development Department	2009	Labor Market Information (LMI) for Sierra County , California. Accessed May 2009 and 2010.	--	California Employment Development Department	Economics - County information on industry and employment	http://www.calmis.ca.gov/htmlfile/county/yuba.htm
Socioeconomics	California Employment Development Department	2009	LMI for Yuba County , California. Accessed May 2009 and 2010.	--	California Employment Development Department	Economics - County information on industry and employment	http://www.calmis.ca.gov/htmlfile/county/sierra.htm
Socioeconomics	California Employment Development Department	2010	Quarterly Census for Employment and Wages, Annual 2005, Sierra County, Accessed June 2010	--	California Employment Development Department	Economics - County information on industry, employment and wages	http://www.labormarketinfor.edd.ca.gov/qcew/CEW_NAICS.asp
Socioeconomics	California Employment Development Department	2010	Quarterly Census for Employment and Wages, Annual 2005, Yuba County, Accessed June 2010	--	California Employment Development Department	Economics - County information on industry, employment and wages	http://www.labormarketinfor.edd.ca.gov/qcew/CEW_NAICS.asp
Socioeconomics	County of Yuba	2005	Yuba Highlands Specific Plan Draft Environmental Impact Report. SCH No. 2001032070. Prepared by Pacific Municipal Consultants, Chico, California.	--	County of Yuba	General - Community Specific Plan includes economic information on the area.	HDR DTA Sacramento
Socioeconomics	State of California, Department of Finance	2008	E-1 Population Estimates for Cities, Counties and the State with Annual Percent Change — January 1, 2007 and 2008. State of California, Sacramento, California. < http://www.dof.ca.gov/research/demographic/reports/estimates/e-1_2006-07/ > Accessed May 18, 2009.	--	State of California Department of Finance	Population - Estimates for cities, counties, and the state with annual percent change.	< http://www.dof.ca.gov/research/demographic/reports/estimates/e-1_2006-07/ >
Socioeconomics	U.S. Census Bureau, Population Division	1995	California - Population of Counties by Decennial Census: 1900 to 1990. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Population - Population by California counties 1900 - 1990	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2000	Census 2000, Tables DP-1 - DP-4. Profile of General Demographic and Selected Social, Economic, and Housing Characteristics: 2000. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Demography - Yuba County data on general demographic and selected social, economic, and housing characteristics.	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2002	Table CO-EST2001-12-06 - Time Series of California Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Population - Annual estimate of county population 1990 - 2000	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2003	Table SUB-EST2002-10-06-California Incorporated Place Population Estimates, Sorted within County: April 1, 2000 to July 1, 2002. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Population - Estimates of incorporated California place populations from 2000 to 2002.	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2003	Table HU-EST2002-05-06-County Housing Unit Estimates. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Housing - 2000 - 2002 estimates of housing units for counties in California	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2003	Table CO-EST2002-ASRO-01-06-County Population Estimates by Selected Age Categories and Sex: July 1, 2002. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Population - California county population estimates by selected age categories and sex	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2005	Table 1: Annual Estimates of the Population for Counties of California: April 1, 2000 to July 1, 2004 (CO-EST2004-01-06). U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Population - Annual estimate of county population 2000 - 2004	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau, Population Division	2007	Table 4: Annual Estimates of Housing Units for Counties in California: April 1, 2000 to July 1, 2006 (HU-EST2006-04-06). U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Housing - Annual estimates of housing units for counties in California	HDR DTA Sacramento

Table B-12 Socio-Economic Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Socioeconomics	U.S. Census Bureau	2009	State and County QuickFacts for Sierra County, California. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Demography - Sierra County data derived from Population Estimates, Census of Population and Housing, Small Area Income and Poverty Estimates, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report.	HDR DTA Sacramento
Socioeconomics	U.S. Census Bureau	2009	State and County QuickFacts for Yuba County, California. U.S. Bureau of the Census, Washington, D.C.	--	US Census Bureau	Demography - Yuba County data derived from Population Estimates, Census of Population and Housing, Small Area Income and Poverty Estimates, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report.	HDR DTA Sacramento
Socioeconomics	U.S. Department of Commerce, Bureau of Economic Analysis	2005	Summary of industry statistics for Yuba County. <bea.gov/> Accessed June 2009	--	U.S. Department of Commerce, Bureau of Economic Analysis	Economics - Summary of industry statistics for Yuba County	www.bea.gov
Socioeconomics	Yuba County Water Agency and the Bureau of Reclamation	2007	Draft Environmental Imapact Report/Environmental Impact Statement for Proposed Lower Yuba River Accord. Yuba County Water Agency and US Department of Interior (DOI)	--	US Census Bureau	General - Sections on Environmental Justice and Socioeconomics	HDR DTA Sacramento
All Resources	California Energy Commission	2006	California Energy Demand 2006 – 2014 Staff Energy Demand Forecast Revised September 2005. California Energy Commission Final Report.	--	FWN PAD Questionnaire Response July 27, 2009	California Energy Demand 2006 – 2014 Staff Energy Demand Forecast Revised September 2005. California Energy Commission Final Report.	FWN disc (To Be Provided)
All Resources	California Employment Development Department	2003	Civilian Labor Force and Unemployment Data, Counties - Annual Averages. 2003.	--	FWN PAD Questionnaire Response July 27, 2009		
All Resources	Monohan, Carrie.	2007	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	--	FWN PAD Questionnaire Response July 27, 2009	Data Gaps Analysis on the Yuba and Bear Rivers. Foothills Water Network. March 30, 2007.	On FWN disc (pending)
All Resources	National Agricultural Statistics Service (NASS).	2003	California Agricultural Statistical Review [Web Page]. 2001.	--	FWN PAD Questionnaire Response July 27, 2009		http://www.cdfa.ca.gov/card/card_new02.htm (Accessed August 28, 2003).
All Resources	Pacific Stewardship Council	2007	Pacific Stewardship Council Narrows Planning Area. November 2007.	--	FWN PAD Questionnaire Response July 27, 2009	Pacific Stewardship Council Narrows Planning Area. November 2007.	On FWN disc (pending)
All Resources	South Yuba River Citizens League	2008	Lower Yuba River Assessment. Center for Collaborative Policy. Prepared for: South Yuba River Citizen’s League Yuba County Community Development & Services Agency, Yuba County Water Agency. April 8, 2008.	--	FWN PAD Questionnaire Response July 27, 2009	Lower Yuba River Assessment. Center for Collaborative Policy. Prepared for: South Yuba River Citizen’s League Yuba County Community Development & Services Agency, Yuba County Water Agency. April 8, 2008.	FWN disc (To Be Provided)

Table B13 Cultural Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Cultural Resources	Hull, Kathleen L.	2007	The Sierra Nevada: Archaeology in the Range of Light. In California Prehistory: Colonization, Culture, and Complexity, edited by Terry L. Jones and Kathryn A. Klar.	AltaMira Press, Lanham, MD.	--	pp. 177-190.	Applied Earthworks (AE), Fresno, CA
Cultural Resources	Rosenthal, Jeffrey S.	2006	Volume 1a: Synthesis [Draft]. The Prehistory of the Sonora Region: Archaeological and Geoarchaeological Investigations for Stage I of the East Sonora Bypass Project, State Route 108, Tuolumne County, California.	Far Western Anthropological Research Group, Inc. Davis, California.	--	--	AE
Cultural Resources	Moratto, Michael J.	1984	California Archaeology.	Academic Press, San Francisco, CA.	--	--	Sacramento
Cultural Resources	Heizer, Robert F., and Albert B. Elsasser.	1953	Some Archaeological Sites and Cultures of the Central Sierra Nevada. University of California Archaeological Survey Reports 21:1-42.	Berkeley, CA.	--	--	AE
Cultural Resources	Beals, Ralph L.	1933	Ethnology of the Nisenan	University of California Press, Berkely.	--	--	HDR DTA Sacramento
Cultural Resources	Kowta, M.	1988	The Archaeology and Prehistory of Plumas and Butte Counties, California: An Introduction and Interpretive Model.	Report on file, North Central Information Center, Department of Anthropology, California State University, Sacramento.	--	--	AE
Cultural Resources	Shipley, W.F.	1978	Native Languages of California. In Handbook of North American Indians, Vol. 8: California, edited by Robert F. Heizer, W.C. Sturtevant, General Editor.	Smithsonian Institution, Washington, DC.	--	pp. 78-90.	HDR DTA Sacramento
Cultural Resources	Jackson, Turrentine W., Rand Hebert, and Stephen Wee.	1982	Tahoe National Forest: History of the Tahoe National Forest: 1840-1940.	United States Department of Agriculture. Tahoe National Forest Report No. 15	--	--	HDR DTA Sacramento
Cultural Resources	Kroeber, Alfred L.	1925	Handbook of the Indians of California.	Bureau of American Ethnology Bulletin 78. Washington, DC.	--	--	HDR DTA Sacramento
Cultural Resources	Robinson, W.W., ed.	1979	Land In California.	University of California Press, Berkeley.	--	--	AE
Cultural Resources	Wilson, N.L. and Towne, A.H.	1978	Nisenan. In Handbook of North American Indians, Vol. 8: California, edited by Robert F. Heizer, W.C. Sturtevant, General Editor.	Smithsonian Institution, Washington, DC.	--	pp. 387-397.	HDR DTA Sacramento
Cultural Resources	Markley, Richard, and Gregory Henton.	1985	Tahoe National Forest: Cultural Resources Overview, Part I: Prehistory. Report No. 20.	United States Department of Agriculture, Tahoe National Forest.	--	--	AE
Cultural Resources	Wagner, Jack R.	1970	Gold Mines of California.	Howell-North Books, Berkeley California.	--	--	AE
Cultural Resources	Nadeau, Remi.	1992	Ghost Towns & Mining Camps of California: A History & Guide.	Crest Publishers, Santa Barbara, California.	--	--	AE
Cultural Resources	Holliday, J.S.	1981	The World Rushed In: The California Gold Rush Experience, An Eyewitness Account of a Nation Heading West.	Simon and Schuster, New York.	--	--	--
Cultural Resources	Pittman, Ruth.	1995	Roadside History of California.	Mountain Press Publishing Company, Missoula, MT.	--	--	AE
Cultural Resources	Jackson, R. J., with T. L. Jackson, C. Miksicek, K. Roper, and D. Simons.	1994	Framework for Archaeological Research and Management on the National Forests of the North-Central Sierra Nevada. Prepared for the USDA Forest Service, Eldorado National Forest.	Eldorado Forest.	--	--	AE
Cultural Resources	Riddell, Francis A.	1978	Maidu and Konkow. In Handbook of North American Indians, Vol. 8: California, edited by Robert F. Heizer, W.C. Sturtevant, General Editor.	Smithsonian Institution, Washington, DC.	--	--	HDR DTA Sacramento
Cultural Resources	Cook, Sherburne F.	1955	Epidemic of 1830–1833 in California and Oregon. University of California Publications in American Archaeology and Ethnology 43(3).	University of California Press, Berkeley.	--	--	AE

Table B13 Cultural Resources.

Resource Area	Author	Date	Title	Publisher	Source/Agency Recommendation	Summary Description	Location
Cultural Resources	Dixon, R. B.	1905	The Northern Maidu. Bulletin of the American Museum of Natural History XVII(III): 119–346.	--	--	--	HDR DTA Sacramento
Cultural Resources	Hill, Dorothy (editor).	1969	Collection of Maidu Indian Folklore of Northern California.	Dorothy Hill, Chico, California.	--	--	AE
Cultural Resources	Shipley, W.	1963	Maidu Texts and Dictionary. University of California Publications in Linguistics 33.	University of California Press, Berkeley.	--	--	AE
Cultural Resources	Shipley, W.	1991	The Maidu Indian Myths and Stories of Háne’ibyjim.	. Heyday Books, Berkeley.	--	--	AE
Cultural Resources	Humphreys, Stephen E.	1969	The Archaeology of New Bullards Bar.	Central California Archaeological Foundation. Prepared for the National Park Service	--	--	AE
Cultural Resources	Gudde, Erwin G.	1975	California Gold Camps.	University of California press, Berkeley, los Angeles, and London.	--	--	AE
Cultural Resources	Hull, Kathleen L. And Michael J. Moratto, with contributions by Helen McCarthy, C. Kristina Roper, W. Geoffrey Spaulding, Mark R. Hale, and Elena Nilsson.	1999	Archaeological Synthesis and Research Design. Yosemite National Park, California.	INFOTEC Research, Inc., Fresno, California and Dames and Moore, Chico, California. U.S. Department of the Interior, National Park Service, Yosemite Reseach Center Publications in Anthropology 21.	--	--	HDR DTA Sacramento
Cultural Resources	Cook, Sherburne F.	1943	The Conflict between the California Indian and White Civilization, II: The Physical and Demographic Reaction of the Non-mission Indians in Colonial and Provinical California.	Ibero-Americana 22. Berkely, California	--	--	AE
Cultural Resources	Heizer, Robert F.	1972	The Eighteen Unratified Treaties of 1851-1852 between the California Indians and the United States Government.	Berkely, University of California Archaeological Research Facility	--	--	--
Cultural Resources	Clark, William B.	1970	Gold Districts of California.	California Division of Mines and Geology Bulletin 193, Sacramento, California	--	--	AE
Cultural Resources	Hoover, Mildred B., Hero E. Rensch, Ethel G. Rensch, and William N. Abeloe. Revised by Douglas E. Kyle.	1990	Historic Spots in California.	Stanford University Press, Stanford, California	--	--	AE
Cultural Resources	Moratto, Michael J.	2004	California Archaeology.	Reprinted:Coyote Press, Salinas, California	--	--	HDR DTA Sacramento
Cultural Resources	Kyle, Douglas E.	1990	Historic Spots in California.	Stanford University Press, Stanford, California	--	--	HDR DTA Sacramento
Cultural Resources	Thorp, R.A.	2000	The Changing Identity of the Strawberry Valley Band of Maidu Indians. M.A. Thesis.	California State University, Chico, California	--	--	HDR Minneapolis
Cultural Resources	Parker, Patricia.L. and Thomas F. King.	1990	National Register Bulletin: Guidelines for Evaluating and Documenting Traditional Cultural Properties.	U.S. Department of the Interior, National Park Service, National Register:History and Education, National Register of Historic Places. Revised 1992; 1998.	--	--	HDR DTA Sacramento

APPENDIX C

Agent for Yuba County Water Agency

Appendix C provides the exact name, business address and telephone number of each person authorized to act as agent for Yuba County Water Agency (Licensee or YCWA) for the relicensing of YCWA's Yuba River Development Project pursuant to 18 CFR § 5.6(d)(2)(i):

Mr. Curt Aikens
General Manager
Yuba County Water Agency
1220 F Street
Marysville, CA 95901-4226
Tel: (530) 741-6278
caikens@ycwa.com

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APPENDIX D

Project Maps

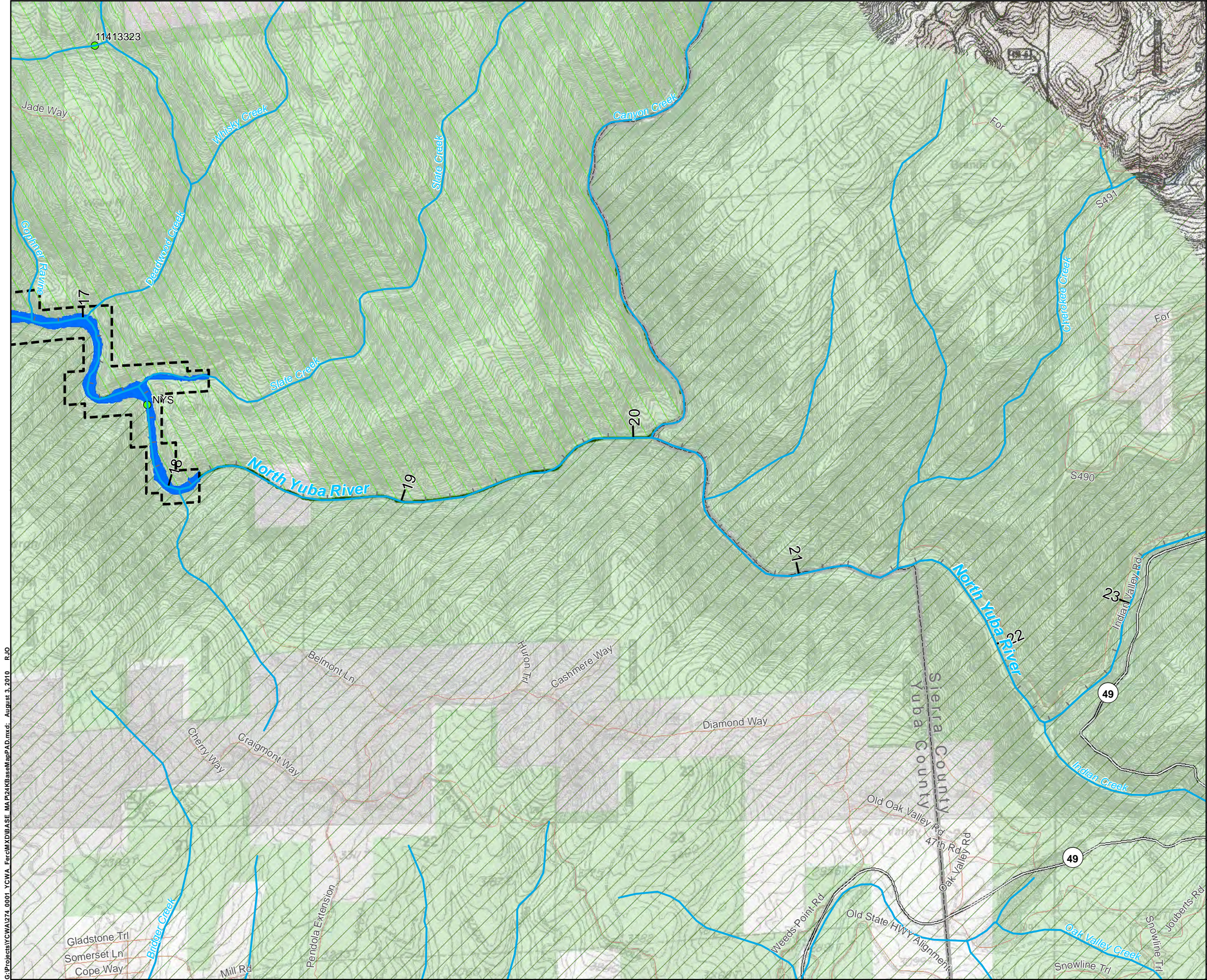
Appendix D (provided on CD) provides detailed maps of Yuba County Water Agency's (Licensee or YCWA) Yuba River Development Project (Project) pursuant to 18 CFR § 5.6(d)(2)(ii). The maps, which are in a scale of 1:24,000 and generally proceed from upstream to downstream, show all Project facilities and features and include the Federal Energy Regulatory Commission (FERC) Project Boundary as depicted in the existing FERC license for the Project. Each map shows: elevation contours; county borders; rivers and streams including river miles in tenths of a mile; dams, diversions and other non-Project facilities; cities and towns; roads; stream flow and reservoir storage gages; railroads and transmission lines; and other major landmarks. Each map also shows land ownership (e.g., federal by land management agency, State of California, Licensee, and others).

Table D-1 provides for each map the appropriate river basin and a description of the Project facilities (and river miles) shown on the map.

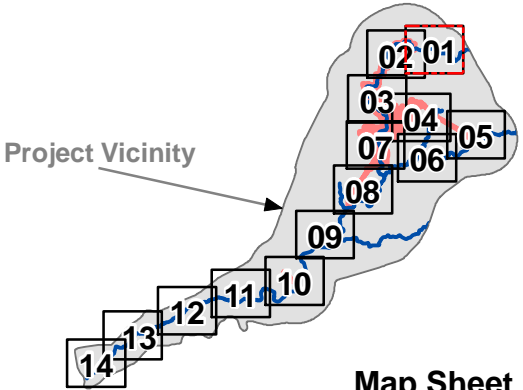
Table D-1. List of 1:24,000 scale Project maps

Map Number	Primary River / Stream	Description
Figure 1, Tile 1	North Yuba River	Shows upper portion of New Bullards Bar Reservoir (RMs 17 - 18) and North Yuba River upstream of the reservoir to the confluence of North Yuba River and Indian Creek, about 5 miles upstream of the reservoir.
Figure 1, Tile 2	North Yuba River	Shows New Bullards Bar Reservoir (RMs 12 - 19).
Figure 1, Tile 3	North Yuba River	Shows New Bullards Bar Reservoir (RMs 6 - 12), including Madrone Cove Campground and Garden Point Campground.
Figure 1, Tile 4	North Yuba River and Oregon Creek	Shows New Bullards Bar Reservoir, Willow Creek arm, including Dark Day Campground, Schoolhouse Family Campground, and Hornswoggle Group Campground. Also shows Camptonville Diversion Tunnel, Log Cabin Diversion Dam, and downstream portion of Lohman Ridge Diversion Tunnel. Shows upstream portion of Oregon Creek (RMs 2-5).
Figure 1, Tile 5	Middle Yuba River	Shows Middle Yuba River (RMs 8- 15), including upstream end of Lohman Ridge Diversion Tunnel and Our House Diversion Dam.
Figure 1, Tile 6	Middle Yuba River and Oregon Creek	Shows Middle Yuba River (RMs 3 - 8) and downstream portion of Oregon Creek (RMs 0-2).
Figure 1, Tile 7	North Yuba River	Shows New Bullards Bar Reservoir (RMs 1 - 5), including Garden Point Campground, and Emerald Cove Marina. Shows North Yuba River below reservoir including New Bullards Bar Dam and New Bullards Minimum Flow Powerhouse. Also shows upstream end of New Colgate Power Tunnel.
Figure 1, Tile 8	Middle Yuba River and Yuba River	Shows Middle Yuba River from RM 0 to confluence with Yuba River, and Yuba River from RM 34 - 39. Also shows downstream end of New Colgate Power Tunnel, and New Colgate Powerhouse. Also shows Lake Francis on Dobbins Creek.
Figure 1, Tile 9	Yuba River	Shows upstream end of USACE's Englebright Reservoir (RM 27 - 33), including confluence with South Yuba River upstream to Jones Bar.
Figure 1, Tile 10	Yuba River	Shows downstream portion of USACE's Englebright Reservoir (RM 20 - 26), including the Project's Narrows 2 Powerhouse. Shows PG&E's Narrows 1 Powerhouse, the USACE's Englebright Dam.
Figure 1, Tile 11	Yuba River	Shows Yuba River (RMs 14 - 19), including Highway 20 crossing.
Figure 1, Tile 12	Yuba River	Shows Yuba River (RMs 9 - 14), including the USACE's Daguerre Point Dam and upstream end of Yuba Gold Fields.
Figure 1, Tile 13	Yuba River	Shows Yuba River (RMs 3 - 9) and downstream end of Yuba Gold Fields.
Figure 1, Tile 14	Yuba River	Shows downstream end of Yuba River (RMs 0 - 5), including confluence of the Yuba River with the Feather River.

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Map Sheet Index

Project Features

- FERC Boundary (No. 2246)
- Project Powerhouse
- Recreation Site
- Temperature Logger
- Project Dam
- Tunnel
- Penstock
- Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

- Railway
- County Line
- Canal/Ditch
- Stream/River
- River Mile

Non-project Features

- Powerhouse
- Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

- Yuba County Water Agency
- Yuba River Development Project (FERC Project No. 2246)
- Non-Project Facility

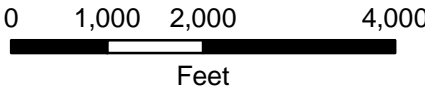


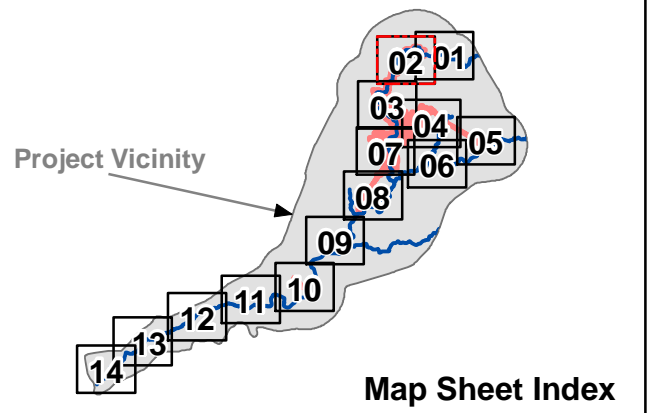
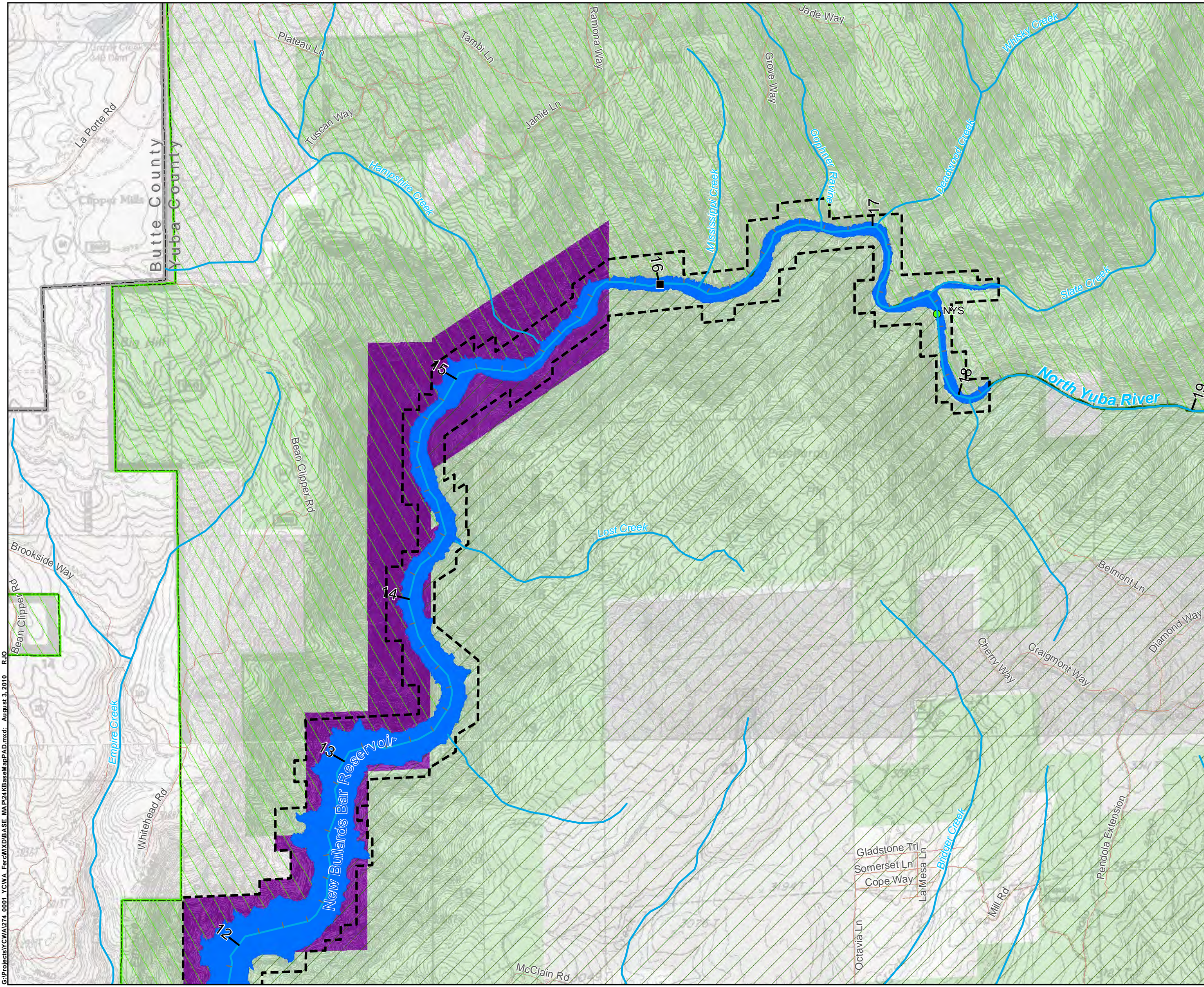
Figure D-1, Tile 1 of 14

24K USGS Topographic Maps

Yuba River Development Project
FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map: Size 11" x 17" color NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR|DTA © 2009, Yuba County Water Agency



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

Plumas NF

Tahoe NF

Land Ownership

Private (or Other)

Sierra Pacific Industries

State of California

USA, Administered by Army Corp of Engineers

USA, Administered by Bureau of Land Management

USA, Administered by US Forest Service

Yuba County Water Agency

Label Color Key

Yuba County Water Agency

Yuba River Development Project (FERC Project No. 2246)

Non-Project Facility

Figure D-1, Tile 2 of 14

24K USGS Topographic Maps

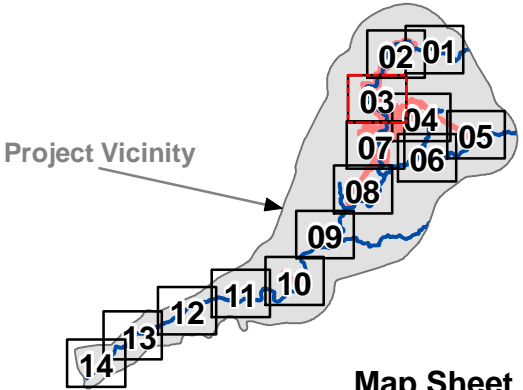
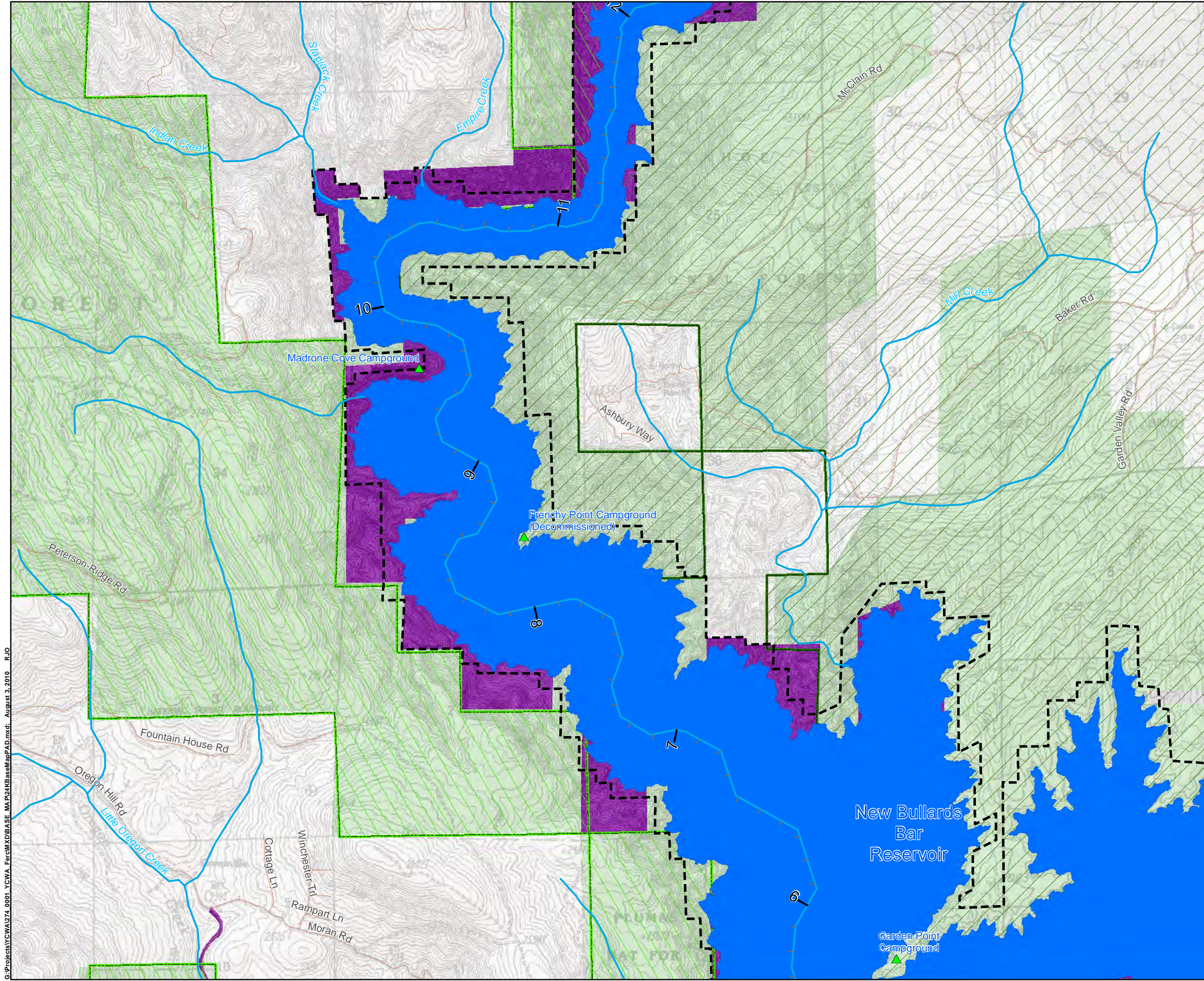
Yuba River Development Project

FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA

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Original Map:	Size 11" x 17" color	NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR DTA		© 2009, Yuba County Water Agency



Map Sheet Index

Project Features

- | | |
|--------------------------|-------------------|
| FERC Boundary (No. 2246) | Project Dam |
| Project Powerhouse | Tunnel |
| Recreation Site | Penstock |
| Temperature Logger | Project Reservoir |

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
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Non-project Features

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Tahoe NF

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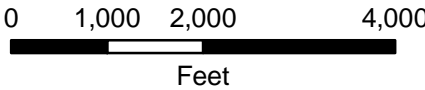


Figure D-1, Tile 3 of 14

24K USGS Topographic Maps

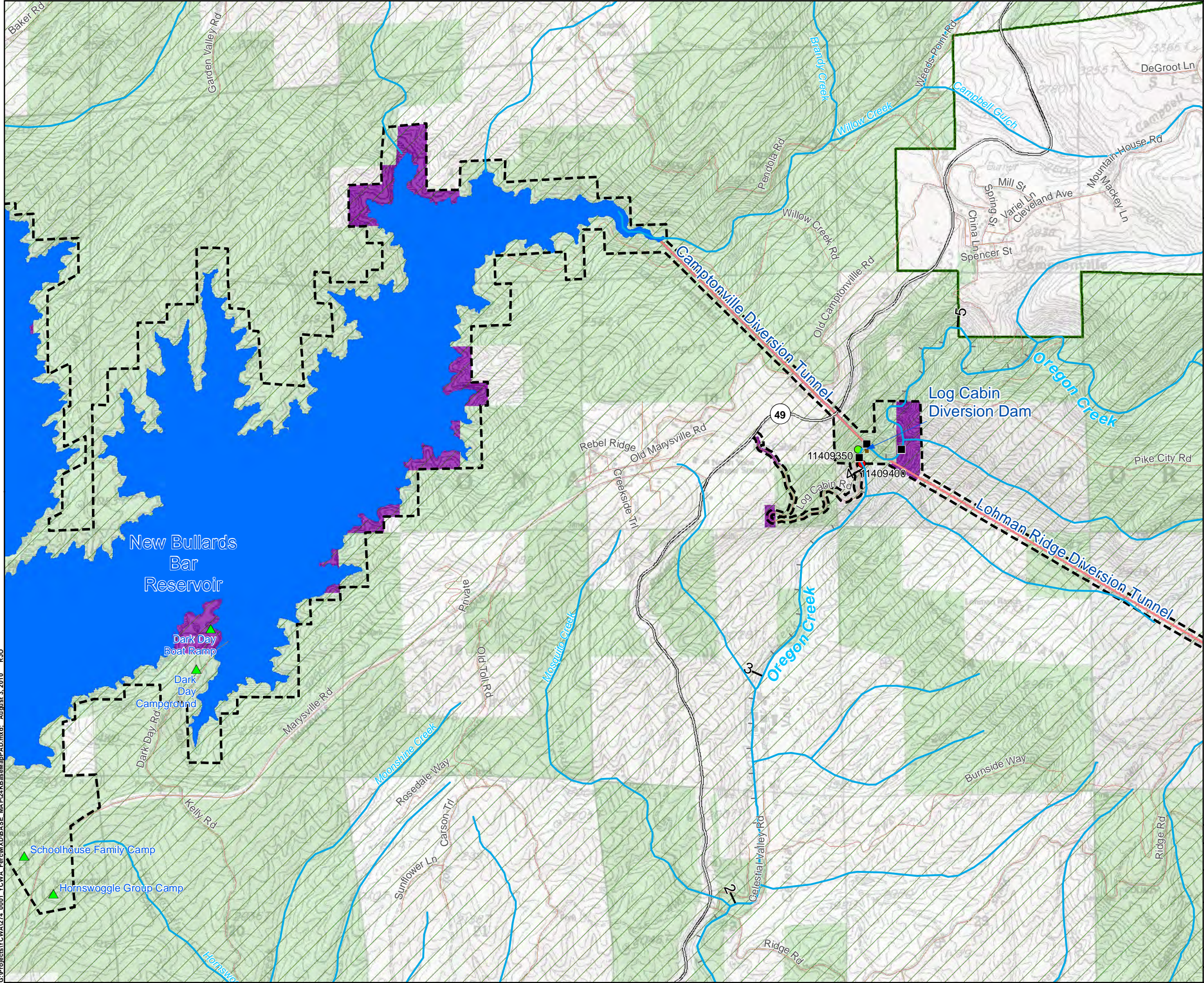
Yuba River Development Project FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

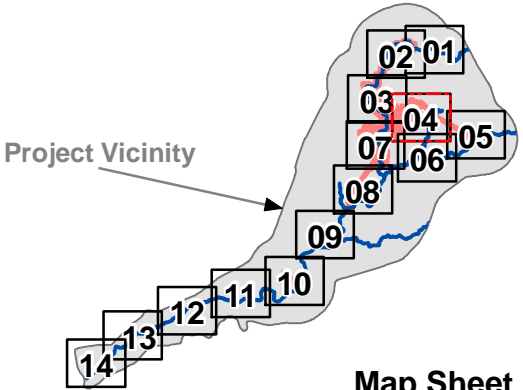
Original Map: Size 11" x 17" color NAD 83 Stateplane, Zone 2, US Ft

Map prepared by: HDR|DTA

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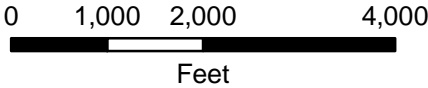


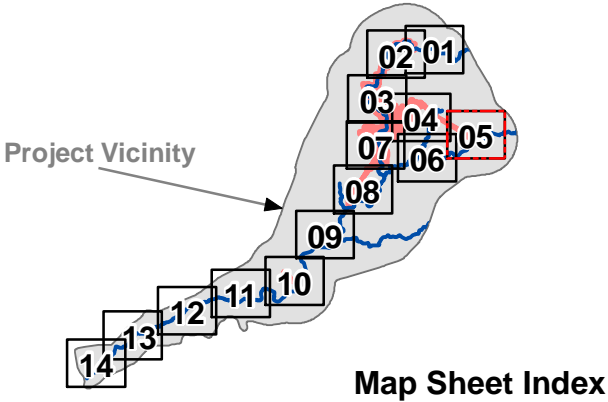
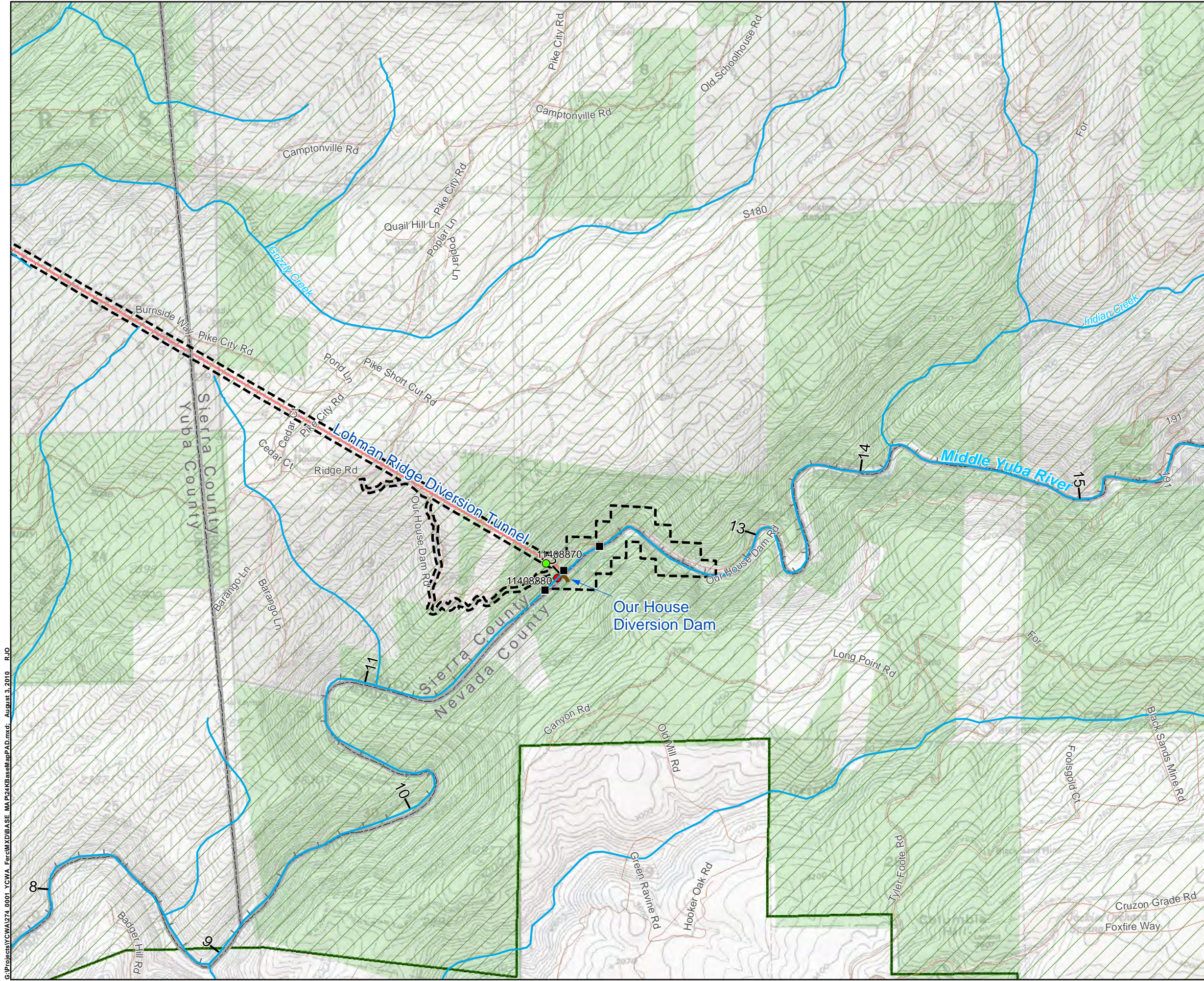
Figure D-1, Tile 4 of 14

24K USGS Topographic Maps

Yuba River Development Project
FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map: Size 11" x 17" color NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR|DTA © 2009, Yuba County Water Agency



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

Plumas NF

Tahoe NF

Land Ownership

Private (or Other)

Sierra Pacific Industries

State of California

USA, Administered by Army Corp of Engineers

USA, Administered by Bureau of Land Management

USA, Administered by US Forest Service

Yuba County Water Agency

Label Color Key

Yuba County Water Agency

Yuba River Development Project (FERC Project No. 2246)

Non-Project Facility

Figure D-1, Tile 5 of 14

24K USGS Topographic Maps

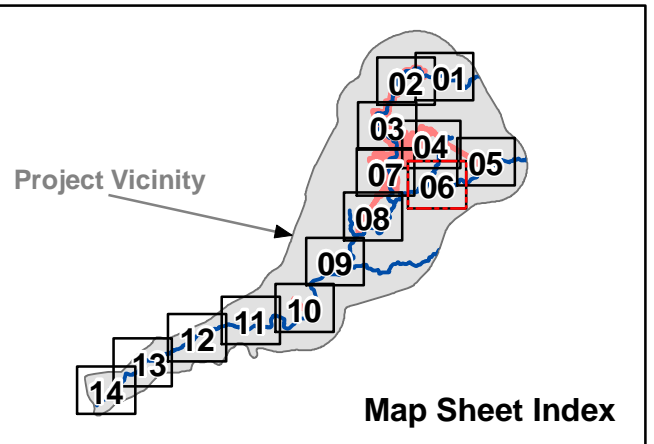
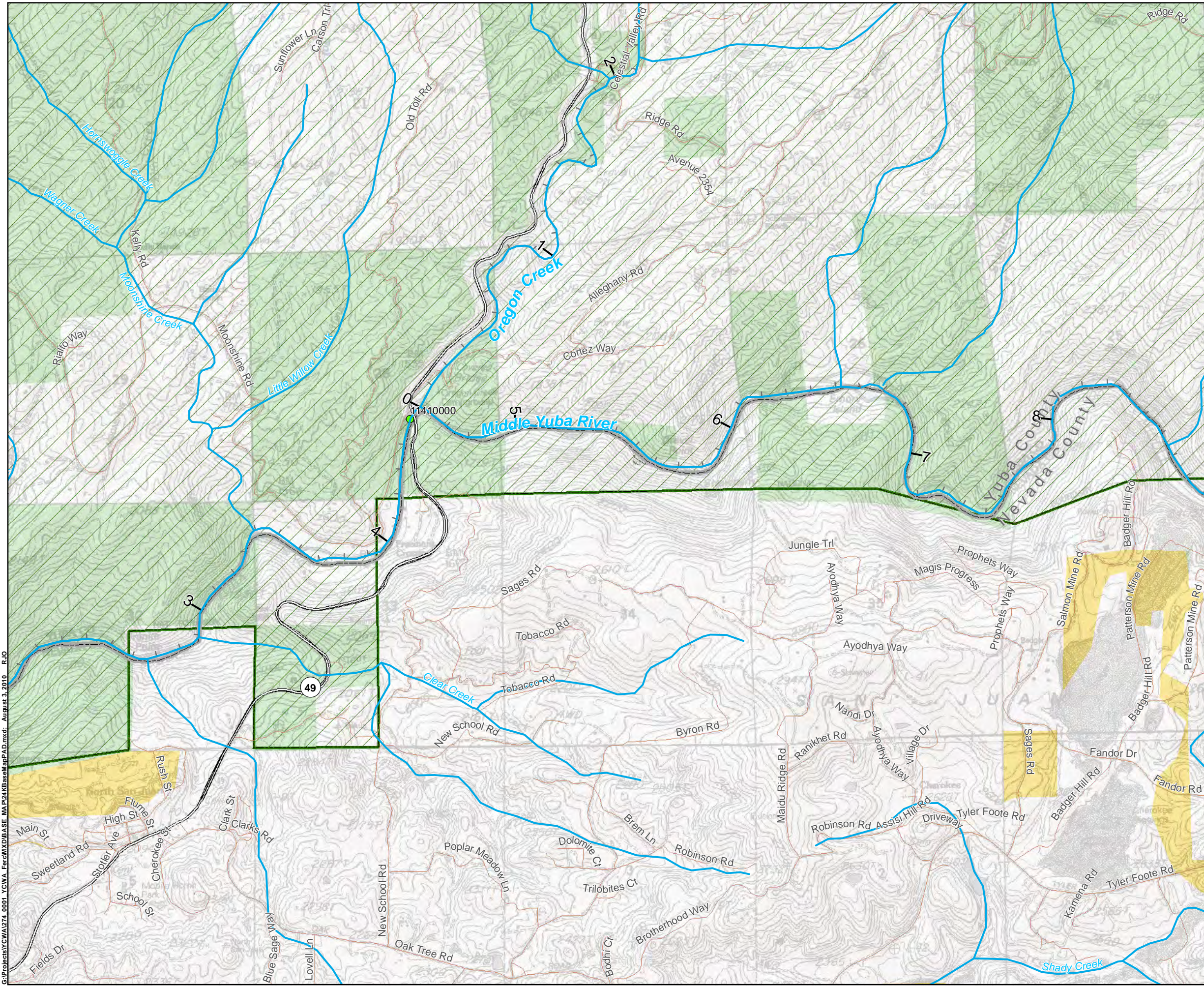
Yuba River Development Project

FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map: Size 11" x 17" color	NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR DTA	© 2009, Yuba County Water Agency

G:\Projects\VCWA\274_0001_YCWA_FERC\Map\BASE_MA_P124KB\MapPAD.mxd, August 3, 2010 RJO



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

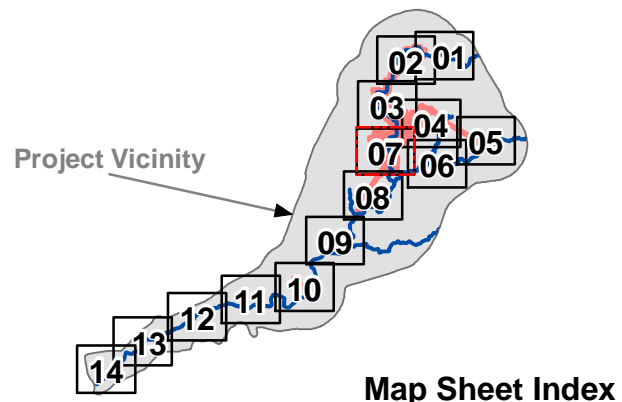
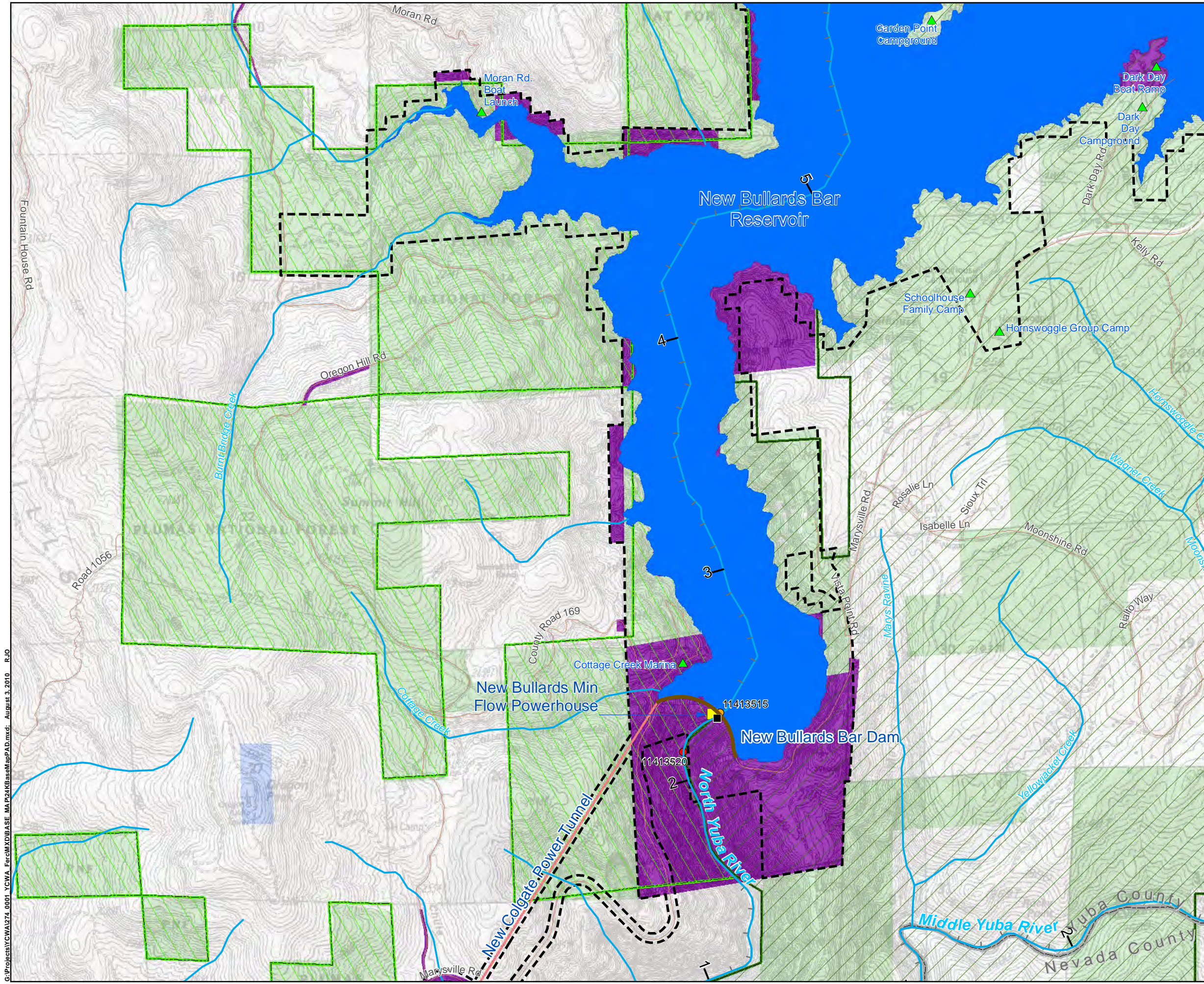
Yuba County Water Agency

Yuba River Development Project (FERC Project No. 2246)

Non-Project Facility

0 1,000 2,000 4,000 Feet

G:\Projects\VCWA\274_0001_YCWA_FERC\Map\BASE_MA_P124KB\MapPAD.mxd, August 3, 2010 RJO



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

Yuba County Water Agency	Non-Project Facility
Yuba River Development Project	
(FERC Project No. 2246)	

Figure D-1, Tile 7 of 14

24K USGS Topographic Maps

Yuba River Development Project

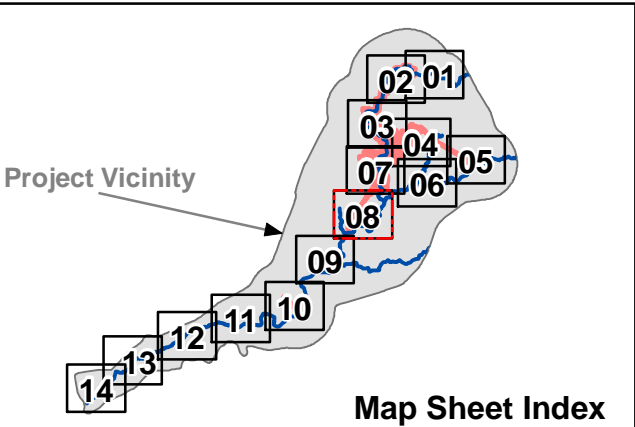
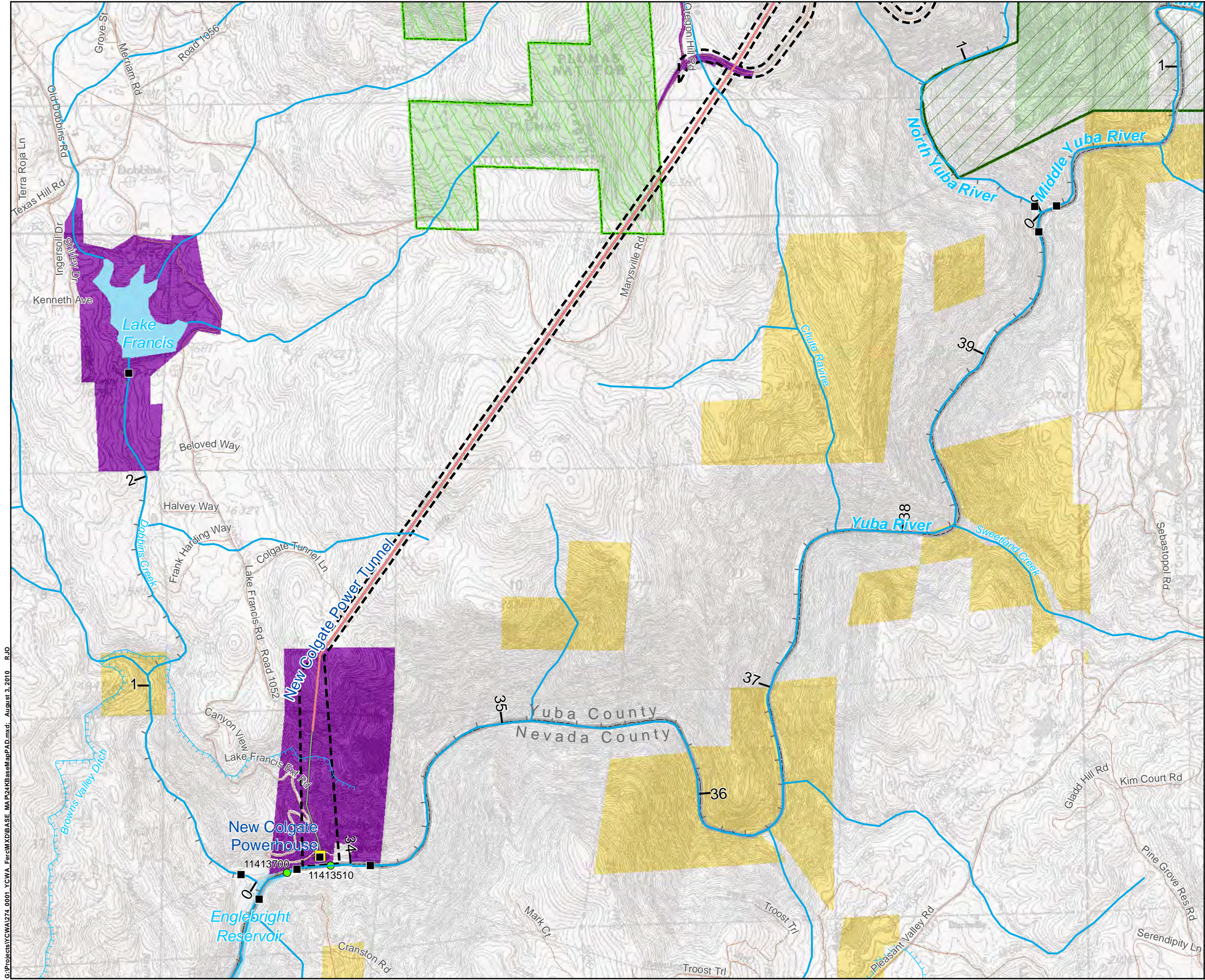
FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map:	Size 11" x 17" color	NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR DTA		© 2009, Yuba County Water Agency

G:\Projects\VCWA\274_0001_YCWA_FERC\XDBASE_MA_P\24KBasaMapPAD.mxd, August 3, 2010, RJO



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage
- Railway
- County Line
- Canal/Ditch
- Stream/River
- River Mile

Non-project Features

- Powerhouse
- Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

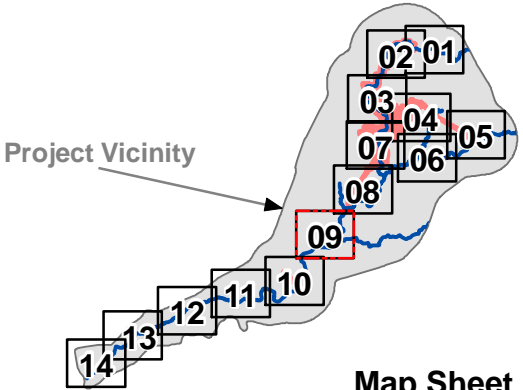
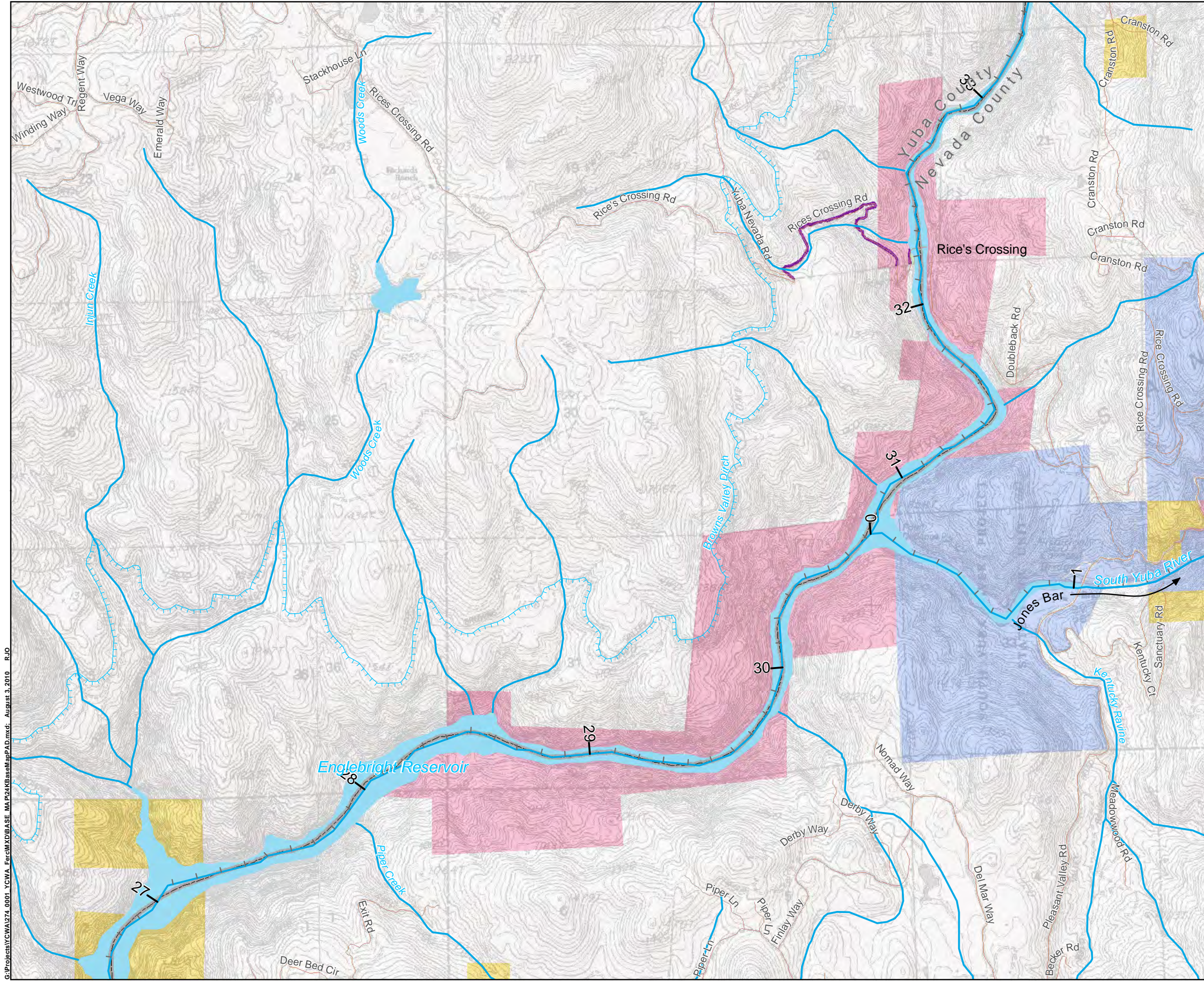
Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

- Yuba County Water Agency
- Yuba River Development Project (FERC Project No. 2246)
- Non-Project Facility

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Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

Yuba County Water Agency

Yuba River Development Project (FERC Project No. 2246)

Non-Project Facility

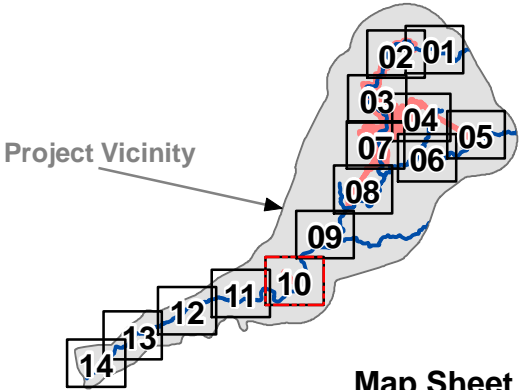
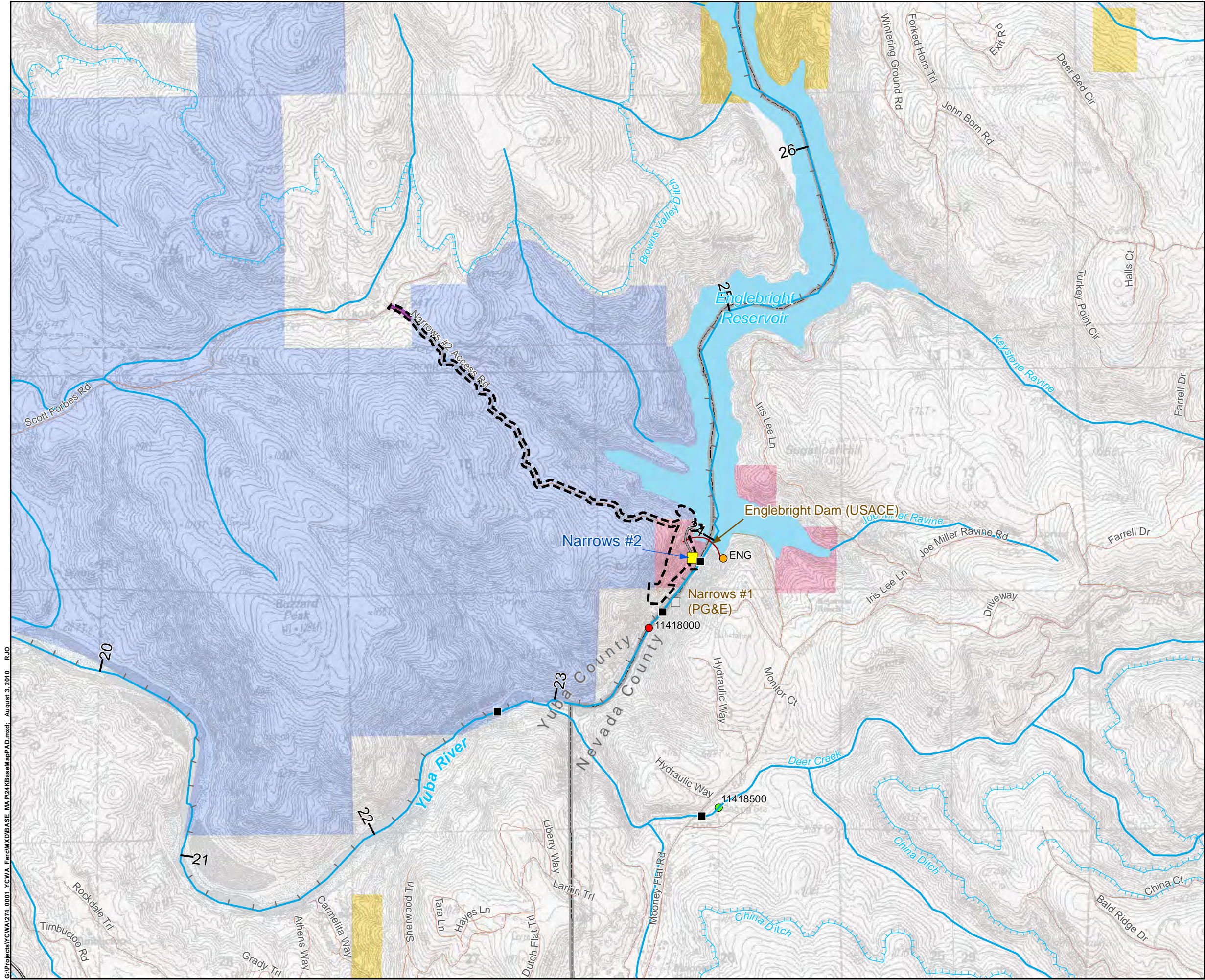
0 1,000 2,000 4,000 Feet

Figure D-1, Tile 9 of 14

24K USGS Topographic Maps

Yuba River Development Project FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

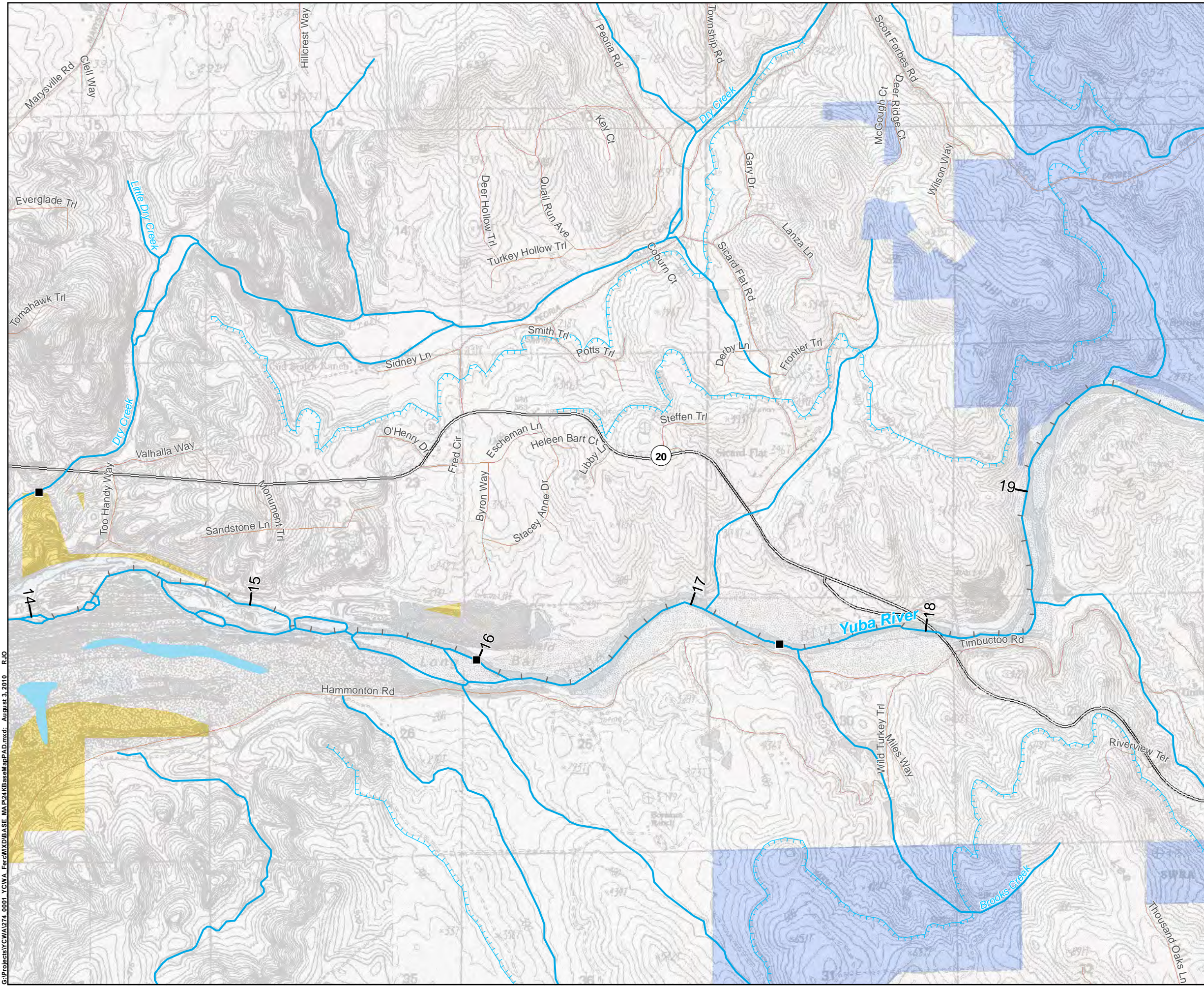
Yuba County Water Agency	Non-Project Facility
Yuba River Development Project	
(FERC Project No. 2246)	

Figure D-1, Tile10 of 14

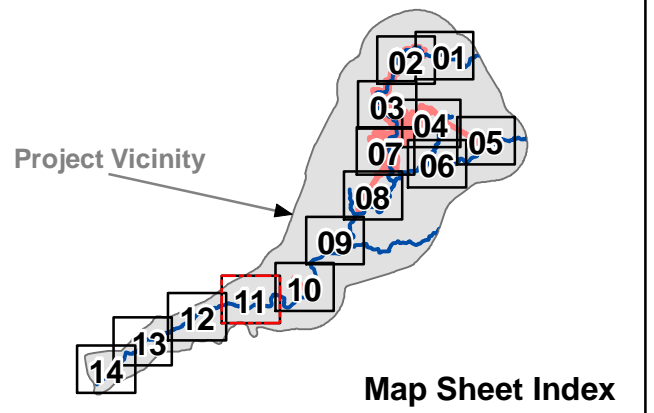
24K USGS Topographic Maps

Yuba River Development Project FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness



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Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

Yuba County Water Agency	Non-Project Facility
Yuba River Development Project	
(FERC Project No. 2246)	

0 1,000 2,000 4,000 Feet

Figure D-1, Tile11 of 14

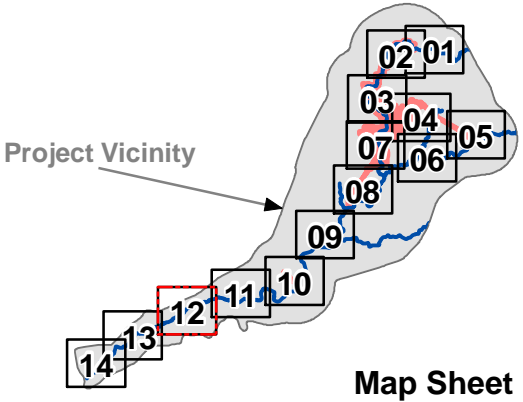
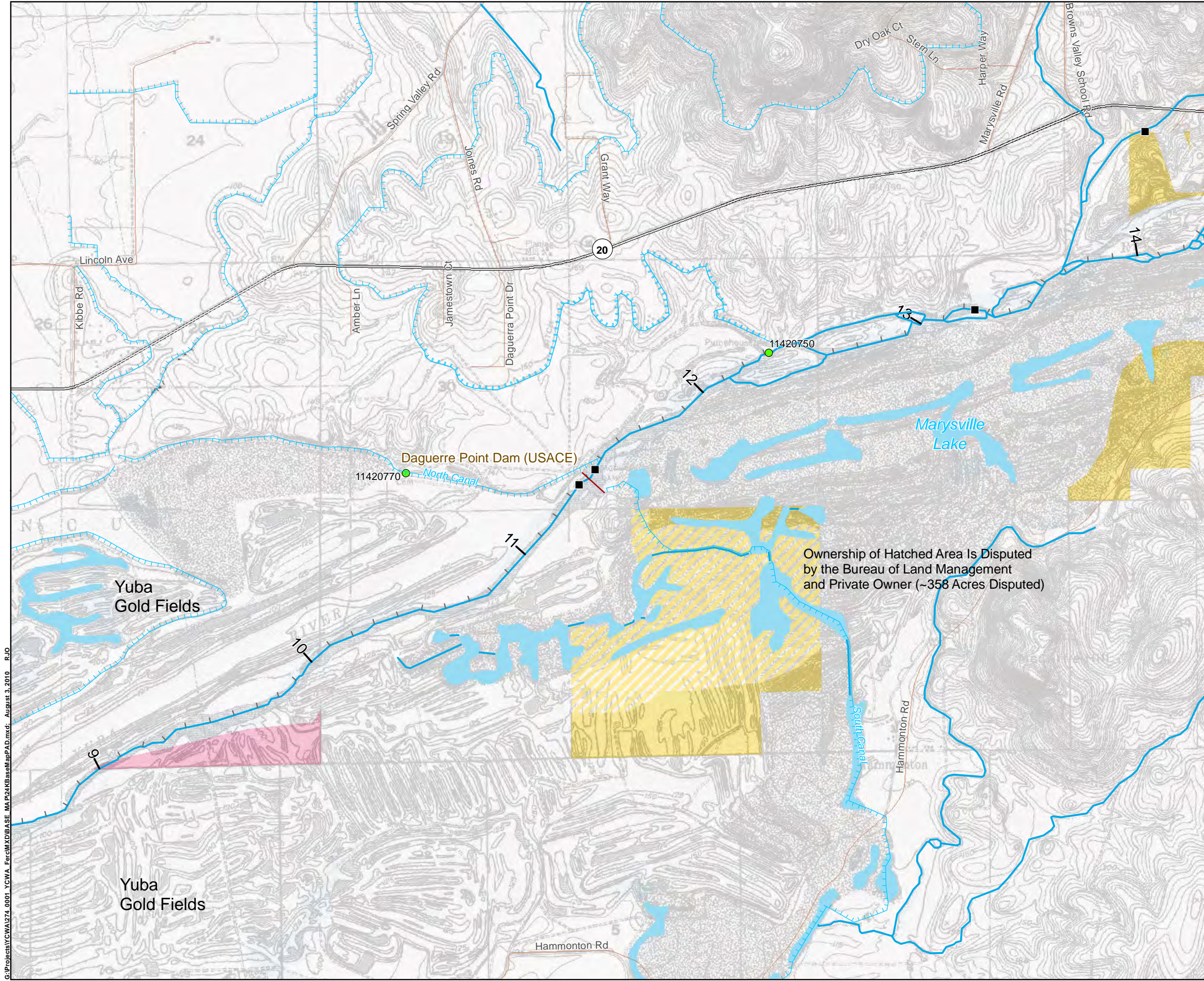
24K USGS Topographic Maps

Yuba River Development Project

FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map: Size 11" x 17" color	NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR\DTA	© 2009, Yuba County Water Agency



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

Yuba County Water Agency	Non-Project Facility
Yuba River Development Project (FERC Project No. 2246)	

Figure D-1, Tile12 of 14

24K USGS Topographic Maps

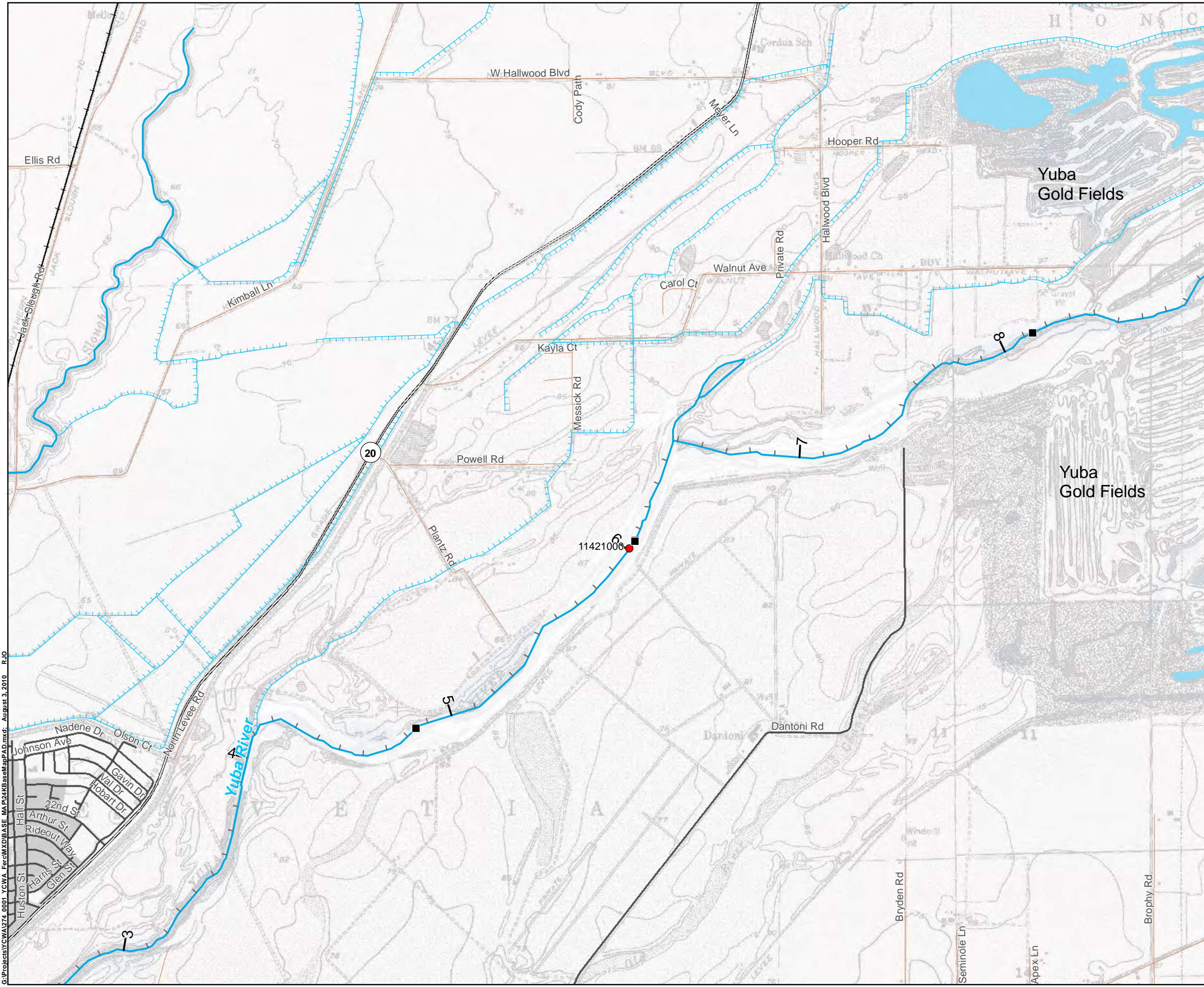
Yuba River Development Project

FERC PROJECT NO. 2246

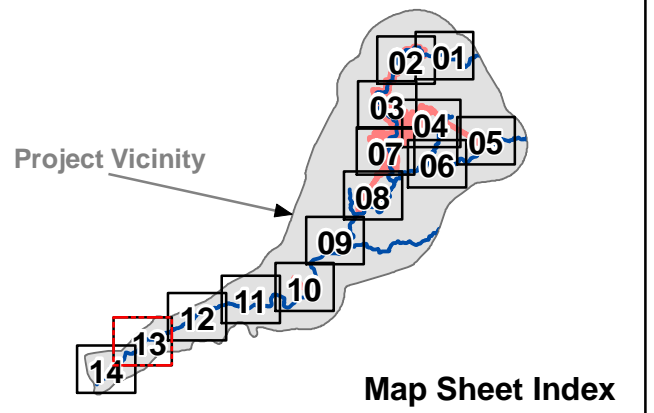
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Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map:	Size 11" x 17" color	NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR DTA		© 2009, Yuba County Water Agency

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Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

Yuba County Water Agency

Yuba River Development Project (FERC Project No. 2246)

Non-Project Facility

0 1,000 2,000 4,000 Feet

Figure D-1, Tile13 of 14

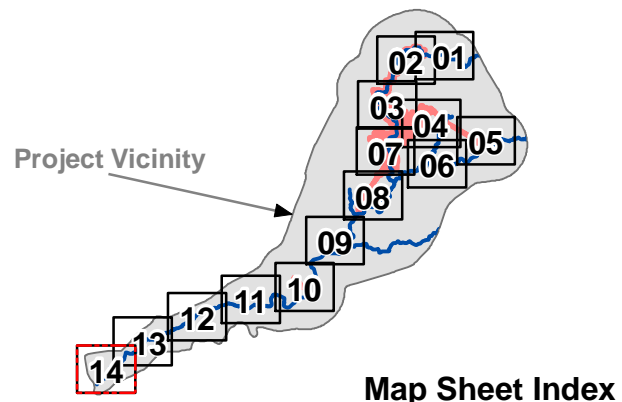
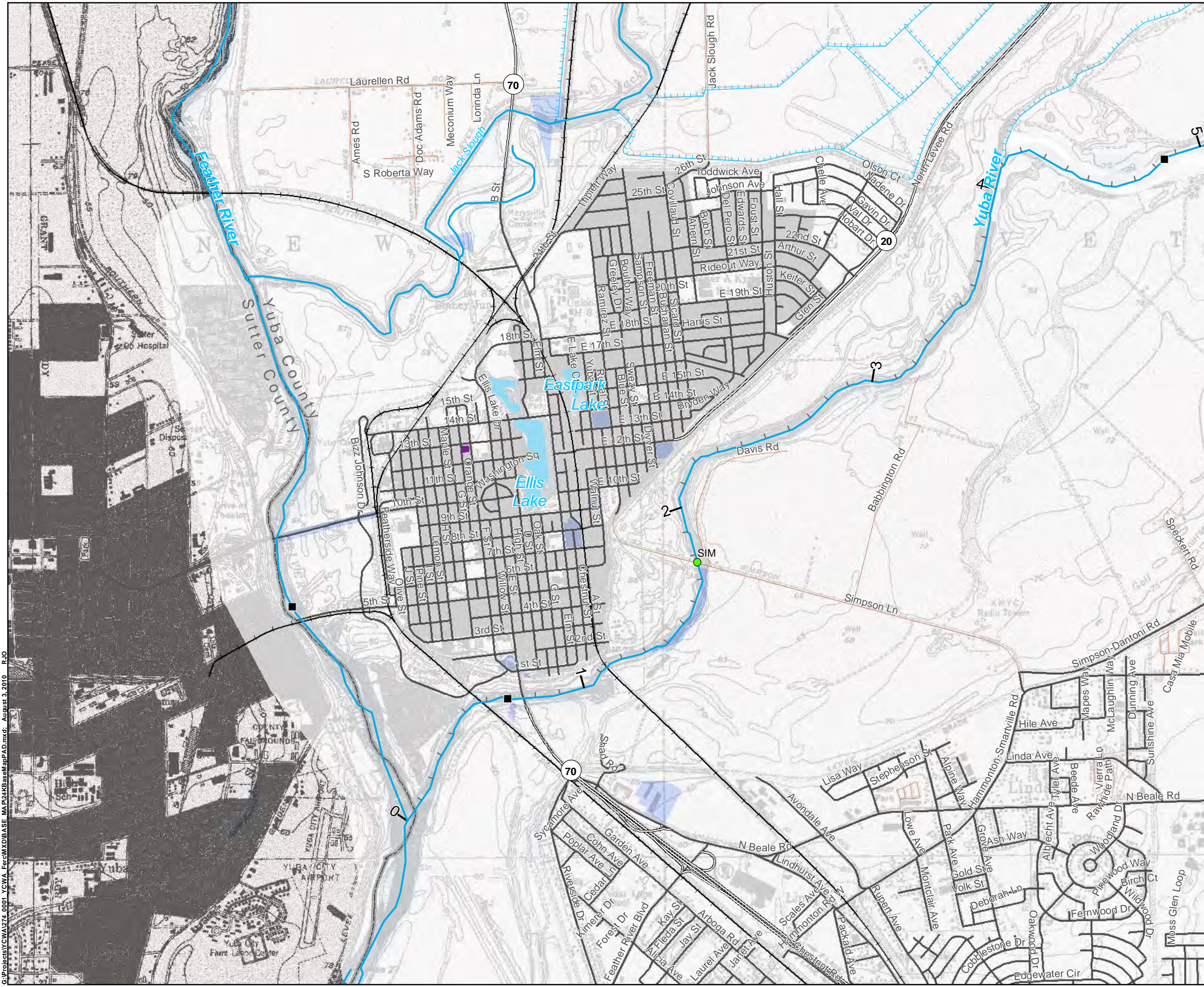
24K USGS Topographic Maps

Yuba River Development Project

FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map:	Size 11" x 17" color	NAD 83 Stateplane, Zone 2, US Ft
Map prepared by: HDR DTA		© 2009, Yuba County Water Agency



Project Features

FERC Boundary (No. 2246)	Project Dam
Project Powerhouse	Tunnel
Recreation Site	Penstock
Temperature Logger	Project Reservoir

Base Map

USGS/State Gages

- Flow Gage
- Minimum Instream Flow Gage
- Reservoir Storage Gage

Railway

County Line

Canal/Ditch

Stream/River

River Mile

Non-project Features

Powerhouse

Dam

Forest Service Administrative Boundary

- Plumas NF
- Tahoe NF

Land Ownership

- Private (or Other)
- Sierra Pacific Industries
- State of California
- USA, Administered by Army Corp of Engineers
- USA, Administered by Bureau of Land Management
- USA, Administered by US Forest Service
- Yuba County Water Agency

Label Color Key

- Yuba County Water Agency
- Yuba River Development Project (FERC Project No. 2246)
- Non-Project Facility

Figure D-1, Tile14 of 14

24K USGS Topographic Maps

Yuba River Development Project

FERC PROJECT NO. 2246

Data Sources: Base Map-USGS 7.5-Minute Series Topographic Maps from CASIL; FERC Boundary-Yuba County GIS; Land Ownership-Yuba County and CD-Data; Forest Boundary-USFS; Base Map-USGS, CASIL, HDR-DTA

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness

Original Map: Size 11" x 17" color NAD 83 Stateplane, Zone 2, US Ft

Map prepared by: HDR|DTA © 2009, Yuba County Water Agency

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APPENDIX E

Project Helicopter Video

Appendix E includes a Helicopter Video of Yuba County Water Agency's (YCWA or Licensee) Yuba River Development Project (Project) on Digital Versatile Disk (DVD) disk. Also included is a Compact Disk (CD) of still images of dams and diversions (both Project and non-project) associated with the Project and a Project Vicinity map. The video can be viewed using a home DVD player or a personal computer with a DVD drive.

Directions for simultaneous viewing of the Project Area Map and the Video are in the "README" file on the DVD disc.

To access the README file:

- 1) Open "My Computer" from your desktop or start menu
- 2) Right click on "YubaProjectDL"
- 3) Open "Explore"
- 4) Open the "Yuba River Development Project README.pdf file
- 5) Print out the readme file
- 6) A time stamp index of geographic and Project features is also included on the DVD.

Captions on the video include a time stamp for easily referencing specific frames or segments of the tape and real time Global Positioning System (GPS) location.

- GPS datum is WGS84
- Latitude "4059N9047" is read as: 40 degrees and 59.9047 minutes north
- Longitude "12158W7065" is read as: 121 degrees and 58.7065 minutes west
- Time index read as: hrs: minutes: seconds: frames (30 frames per second)
- Depending on the camera angle, the screen view can be one hundred to several hundred feet upstream of the indicated GPS position. The more "down" the view the closer the GPS position is to the screen view.

The DVD is in a dual layer format and cannot be copied without a dual layer DVD burner.

A copy of the Helicopter Video on DVD and the CD of stills and the Project Vicinity Map can be obtained by contacting Jim Lynch at HDR|DTA (Telephone 916-564-4214 or E-Mail james.lynch@hdrinc.com).

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Appendix E

Yuba River Development Project Helicopter Video on DVD

In conformance with the Federal Government's paper reduction efforts and for efficiency purposes a copy of Appendix E is not included in YCWA's Yuba River Development Project Preliminary Information Package, but the Appendix E - Helicopter DVD is included by reference. A copy of Appendix E will be made available by YCWA upon request.

APPENDIX F

Hydrology Data

This appendix provides hydrologic data on Compact Disk (CD) for Yuba County Water Agency's (YCWA or Licensee) Yuba River Development Project (Project). Data on the CD are organized into folders as summarized below.

DSS Data Files. This folder contains all available hydrologic data in the Gage Data folder and Unimpaired Flow Data folder in HEC-DSS format. A viewer for these files (HEC-DSSVue) can be obtained from the United States Army Corps of Engineers (USACE) at the following website as of March 2008: <http://www.hec.usace.army.mil/software/hecdss/hecdssvue-dssvue.htm>

Exceedance Plots: This folder contains both Microsoft Excel and Adobe Acrobat files of flow exceedance plots of both historical regulated flows and unimpaired flows for locations throughout the Project Area. Historical regulated mean daily flows are presented both by month and for the full period of record for the following locations:

- North Yuba River at Goodyears Bar
- Accretions to New Bullards Bar Reservoir
- Slate Creek below the Slate Creek Diversion Dam
- Slate Creek Tunnel near Strawberry Valley
- Middle Yuba River above Our House Dam
- Lohman Ridge Tunnel at its Intake
- Middle Yuba River below Our House Dam
- Oregon Creek above Log Cabin Dam
- Camptonville Tunnel at its Intake
- Oregon Creek below Log Cabin Dam
- Colgate Powerhouse Tunnel
- New Bullards Bar Reservoir Spill
- New Bullards Bar Reservoir Fish Hydro
- North Yuba River below New Bullards Bar Dam
- South Yuba River at Jones Bar
- Accretions to Englebright Reservoir
- Narrows 1 Powerhouse
- Narrows 2 Powerhouse
- Deer Creek at Smartville¹
- Dry Creek near Browns Valley
- Yuba River near Smartville

¹ In 2008, the people of this community petitioned to have the name changed to Smartsville, with an 's'. However, the USGS gage refers to the former spelling of the community name. Therefore in this document, the community is referred to as such.

- Yuba River near Marysville
- New Bullards Bar Reservoir Storage
- Englebright Reservoir Storage

Monthly average and mean daily unimpaired flows are presented in exceedance plots for the following locations:

- Deer Creek at Confluence with Yuba River
- Combined Deer Creek and Yuba River at Smartville
- Middle Yuba River at the Confluence with the North Yuba River
- South Yuba River at Confluence with the Yuba River
- North Yuba River at the Confluence with the Middle Yuba River
- Yuba River at Smartville

Haze Charts: This folder contains a Microsoft Excel and Adobe Acrobat file of figures showing daily flows for each water year overlain on top of one another to demonstrate historical trends and variability throughout the water year. Haze charts are presented for the following locations:

- North Yuba River below Goodyears Bar
- Slate Creek below Slate Creek Diversion Dam
- Slate Creek Tunnel near Strawberry Valley
- Middle Yuba River above Our House Dam
- Lohman Ridge Tunnel near Intake
- Middle Yuba River below Our House Dam
- Oregon Creek above Log Cabin Dam
- Camptonville Tunnel at Intake
- Oregon Creek below Log Cabin Dam
- Colgate Powerplant
- North Yuba River below New Bullards Bar Dam
- South Yuba River at Jones Bar
- Narrows 1 Powerplant
- Narrows 2 Powerplant
- Deer Creek at Smartville
- Dry Creek near Browns Valley
- Yuba River near Smartville
- Yuba River near Marysville
- New Bullards Bar Reservoir Storage
- Englebright Storage

Historical Context Plots: This folder contains a Microsoft Excel file and Adobe Acrobat file with exceedance plots comparing mean daily flows at Smartville and Marysville for three temporal phases: prior to the construction of Englebright Dam, prior to the construction of the Yuba River Development Project, and during Project operations. The plots show how flows

have changed through each phase of construction. The exceedance plots are presented by month, and for the full period of record.

Hydrology Development: This folder contains the supporting Microsoft Excel files used to develop the inflow hydrology for use with the Yuba River Development Project (YRDP) operations model for the simulation period of record (WY1970-2008) and for use in determining unimpaired flows within the Project Area.

Hydrology Report: This folder contains a report describing the methodologies for compiling relevant hydrologic information into a data set that will be used by the Licensee for studies.

Monthly Summaries: This folder contains a Microsoft Excel file and Adobe Acrobat file of bar charts showing average monthly flows and the range of average monthly flows throughout the period of record for a number of locations throughout the watershed. The monthly average flows are presented for the following locations:

- North Yuba River below Goodyears Bar
- Slate Creek below Slate Creek Diversion Dam
- Slate Creek Tunnel near Strawberry Valley
- Middle Yuba River above Our House Dam
- Lohman Ridge Tunnel near Intake
- Middle Yuba River below Our House Dam
- Oregon Creek above Log Cabin Dam
- Camptonville Tunnel at Intake
- Oregon Creek below Log Cabin Dam
- Colgate Powerplant
- North Yuba River below New Bullards Bar Dam
- South Yuba River at Jones Bar
- Narrows 1 Powerplant
- Narrows 2 Powerplant
- Deer Creek at Smartville
- Dry Creek near Browns Valley
- Yuba River near Smartville
- Yuba River near Marysville
- New Bullards Bar Reservoir Storage
- Englebright Storage

Power Generation: This folder contains a Microsoft Excel file with a timeseries of historical daily power generation at the New Colgate Powerhouse and the Narrows 2 Powerhouse for 12/1/1994 through 3/3/2009.

Stage-Storage Curves: This folder contains a two spreadsheets: one relating reservoir water surface elevation to reservoir storage and surface area for New Bullards Bar Reservoir; and a

spreadsheet relating reservoir water surface elevation to reservoir storage and spill rate for Englebright Reservoir.

Water Year Types: This folder contains information about the computation of water year types under both the Yuba River Accord and the California State Water Resources Control Board Revised Decision 1644.

Due to the file size of the Hydrology data it is not posted on the website, but a CD of the files can be obtained by contacting Jim Lynch at HDR|DTA (Telephone 916-564-4214 or E-Mail james.lynch@hdrinc.com).

Appendix F

Hydrology Data on DVD

This appendix includes one attachment – hydrology data. Because the attachment includes detailed hydrology data in nine folders, with subfolders, large spreadsheet files, as well as HEC-DSS files, it cannot be uploaded to FERC's Library. Therefore, YCWA has filed the hydrology data on a DVD under separate cover with FERC. Parties interested in obtaining a copy of the Hydrology DVD should contact:

Curt Aiken
General Manager
Yuba County Water Agency
1220 F Street
Marysville, CA 95901
Telephone: (530) 741-6278

