
Inventory of the Harry Barnes Papers, 1872-1963 (bulk 1920-1960)

Collection number: BARNES

The Water Resources Center Archives

University of California, Berkeley
Berkeley, California

Contact Information:

- Water Resources Center Archives
- 410 O'Brien Hall
- University of California, Berkeley
- Berkeley, California, 94720-1718
- Phone: (510) 642-2666
- Fax: (510) 642-9143
- Email: waterarc@library.berkeley.edu
- URL: <http://www.lib.berkeley.edu/WRCA>

Collection Processed By:

Water Resources Center Archives staff

Date Completed

1970

© 2001 The Regents of the University of California. All rights reserved.

Descriptive Summary

Title: Harry Barnes Papers,

Date (inclusive): 1872-1963 (bulk 1920-1960)

Collection number: BARNES

Creator: Harry Barnes, 1883-1962

Extent: 14 linear ft. (29 boxes)

Repository: Water Resources Center Archives (Calif.)
Berkeley, California 94720-1718

Shelf location: This collection is stored off-campus at NRLF. Please contact WRCA staff for access to the materials.

Language: English

Provenance

Gift of Mrs. Lucille Barnes, 1963

Access

Collection is open for research.

Publication Rights

Copyright has not been assigned to the Water Resources Center Archives. All requests for permission to publish or quote from manuscripts must be submitted in writing to the Head of Archives. Permission for publication is given on behalf of the Water Resources Center Archives as the owner of the physical items and is not intended to include or imply permission of the copyright holder, which must also be obtained by the reader.

Preferred Citation

[Identification of item], Harry Barnes Papers, BARNES, Water Resources Center Archives, University of California, Berkeley.

Access Points

Madera Irrigation District (Calif.)
Madera Canal and Irrigation Company.
San Joaquin River Water Storage District (Calif.)
Miller & Lux.
Central Valley Project (Calif.)
Water rights--California--San Joaquin Valley.
Water-supply--California--San Joaquin Valley.
Groundwater--California--San Joaquin Valley.
Irrigation--California--San Joaquin Valley.
Irrigation districts--California--San Joaquin Valley.
Water resources development--California--San Joaquin Valley.
Madera Canal (Calif.)
San Joaquin River (Calif.)--Water rights.
Kings River (Calif.)--Water rights.
Fresno River (Calif.)--Water rights.
Flood control--California--Calaveras River.

Biography

J. W. Harry Barnes was born September 16, 1883 in London, England, the son of H. H. and E. M. Barnes. He came to California in 1894 and graduated from the University of California in 1906 with a B.S. degree from the College of Engineering. Prior to his graduation, he gained experience in field work in railroad location and land surveying. In July 1914, he married Lucille Lawrence in Alameda, California. They had three daughters: Ruth, Patricia, and Dorothy.

Employment History

May 1906-April 1909: Construction, etc., with Northern Electric Railway and Shattuck-Edinger Construction Co.

April 1909-April 1910: Engineer for Los Molinos Land Co.; construction work, canals and levees, etc.

May 1910-January 1913: Office of Irrigation Investigation, U.S. Department of Agriculture; field work, investigations of water supplies, use of water, etc., on projects in California. During this time, in the season of 1912, Barnes made a detailed investigation of use of water of the San Joaquin River from Friant to the mouth of the Tuolumne River. The results were published in: *Irrigation Resources of California and Their Utilization*, by Frank Adams. Washington: G.P.O., 1913 (Bulletin (Office of Experiment Stations, U.S. Dept. of Agriculture) ; no. 254). (WRCA G200 Y-2 no. 254).

January 1914-January 1918: Engineer, Madera Canal & Irrigation Company. At the time, the Company irrigated 15,000 acres in the vicinity of Madera with water from the Fresno River. Barnes was in charge of operation and maintenance of the Company's canals. He made an inventory and appraisal of Company properties for rate-making purposes and made investigations into use of water, etc. for the proceedings before the California State Railroad Commission. He also collected data for the lawsuit with Miller & Lux on use of water on Fresno River (see 155 Cal.).

January 1918-September 1918: Again with the Office of Irrigation Investigation; made a study of use of Kings River water, water rights, and water right litigation, which was published as: *Use of Water from Kings River, California, 1918*, by Harry Barnes. Sacramento: California State Printing Office, 1920 (Bulletin (California Dept. of Engineering) ; no. 7). (WRCA G400 XE2 no. 7).

October 1918-April 1919: Office of State Water Commission in San Francisco.

April 1919-November 1919: State Department of Engineering; made a study of Calaveras River and investigation of Valley Springs Reservoir and Dam site. Report published as: *Flood Problems of Calaveras River*, by Harry Barnes. Sacramento: California State Printing Office, 1919 (Bulletin (California Dept. of Engineering) ; no. 8). (WRCA G400 XE2 no. 8).

January 1920-December 1920: State Department of Engineering, located in Bakersfield; conducted a study on use of water of Kern River under S. T. Harding. Involved studies of groundwater, irrigation use, crops, irrigated areas, etc.

Madera Irrigation District

In December 1920, Barnes joined Madera Irrigation District as Engineer engaged in the investigations in connection with litigation with Miller & Lux over water rights on the San Joaquin River. These investigations included studies of the use of water by Miller & Lux, water

requirements, water supply, seepage losses, land classification, alkali reclamation, silt investigation, groundwater, etc. Litigation continued until an armistice was signed by the litigants in September 1922.

As Chief Engineer, Barnes represented Madera Irrigation District in investigations and negotiations preliminary to the formation of the San Joaquin River Water Storage District in February 1924. This District comprised 555,000 acres, including Madera Irrigation District and lands of Miller & Lux and Stevinson along the San Joaquin River. Barnes then joined the San Joaquin River Water Storage District as Chief Engineer. During that time his work included creating an inventory of Miller & Lux canal systems and other properties, surveys of additional canals, investigations of water supply, storage, groundwater, drainage, land classification, and water rights. He remained in that position until the District dissolved in March 1929 when parties could not agree as to terms of transfer of Miller & Lux properties. He then returned to Madera Irrigation District as Chief Engineer, as extensive litigation with Miller & Lux was revived, eventually resulting in the "Haines Decree," covering waters of the San Joaquin River.

He also was involved in investigations and negotiations with the California Water Project Authority, and later the U.S. Bureau of Reclamation, on all matters pertaining to the final inclusion of Madera Irrigation District in the Central Valley Project. After that, he was involved in negotiations with the Bureau on water requirements and water supply, and on the construction of a distribution system.

Barnes left Madera Irrigation District in November 1950 and began a private practice on consulting work. In the early 1950s, he was retained by the Water Protective League of Kings County as a consulting engineer. In this capacity Barnes was instrumental in bringing into being the Kings County Water District, which, for the first time, gave farmers of that area a public agency with which to work for the protection of underground water, importation of water, and for a program to conserve local supplies.

Harry Barnes died on November 23, 1962.

Biographical Sources:

Who's Who in Engineering. 5th ed. New York: Lewis Historical Publishing Co., 1941.

Western Water News. Vol. 15, no. 3 (March 1963).

"Experience & Qualifications," compiled by Barnes, ca. 1952 (see Folder 162).

Scope and Content

Correspondence, reports, subject files, news clippings, maps, and other papers, pertaining to: groundwater; surface water supply; water rights; litigation involving Miller & Lux and others; irrigation works; water costs; and, irrigation districts in the San Joaquin Valley, particularly San Joaquin River Water Storage District, Madera Irrigation District, and Madera Canal & Irrigation Company.

Collection described in: *Dictionary Catalog of the Water Resources Center Archives, University of California, Berkeley* (G.K. Hall and Company, 1970).

Library has unpublished subject and author indexes to individual items in collection.

Note: No folders numbered 25, 33, 86, 89, 101, 102, 113, 197, 198

Title: Bernard A. Etcheverry Papers.

Identifier/Call Number: ETCH,

Contributing Institution: Water Resources Center Archives

Title: Sidney T. Harding Papers.

Identifier/Call Number: HARDG,

Contributing Institution: Water Resources Center Archives

Boxes 1-9 **Miscellaneous, 1900-1963**

Arrangement

Arranged by Barnes' filing. Includes some topics represented in later series.

Scope and Content Note

Various subject files, individual articles, reports, memoranda, etc.

Boxes 10-11 **Wolfsen Case, 1955-1958**

Scope and Content Note

H. B. Wolfsen vs. the United States; concerns water rights of the San Joaquin River.

Box 11

Kings River, 1921-1962

Boxes 12-15 **San Joaquin River Water Storage District, 1911-1927**

Boxes 16-26 **Madera Irrigation District, 1872-1960**

Boxes 22-23 **Madera Canal & Irrigation Company, 1905-1949**

Box 24 **Rank vs. Krug, 1921-1952**

Scope and Content Note

Everett G. Rank, et al. vs. Julius Krug, et al.; concerns water rights of the San Joaquin River.

Boxes 25-26 **Miller & Lux, 1872-1949**

Boxes 27-29 **Irrigation Districts and Subject Files, 1902-1960**

Scope and Content Note

Miscellaneous files on various individual California irrigation districts, water rights cases, and other topics related to Barnes' career. Includes some topics represented in previous series.

Miscellaneous, 1900-1963

Scope and Content Note

Various subject files, individual articles, reports, memoranda, etc.

Box Box 1, Folder 1 **Hutchins, Wells A. [The basis on which water rights are valued for rate-fixing purposes]. Oct. 28, 1916.**

Physical Description: 9 leaves.

Scope and Content Note

Letter report from Hutchins to Harry Barnes.

Folder 2 **Haehl, H. L. Memorandum and suggestions - value of gravity water, Upper San Joaquin Valley. Dec. 26, 1940.**

Physical Description: 1 v.

Folder 3 **Colorado River Aqueduct tunnels, 1935-1939.**

Physical Description: 1 folder.

Scope and Content Note

Miscellaneous articles on the building and lining of the tunnels.

Folder 4 **Balcom, Robert B. Preliminary survey on the aquatic weed problem in irrigation systems. Denver: U.S. Bureau of Reclamation, Operation and Maintenance Division, Mar. 1943.**

Physical Description: 19 leaves.

Scope and Content Note

Includes photographs.

Folder 5 **U.S. Bureau of Reclamation and Bureau of Plant Industry, Soils and Agricultural Engineering. Controlling submersed water weeds on irrigation systems with aromatic solvents. Denver, Apr. 1, 1949. (Laboratory report no. CH-97).**

Physical Description: 10 leaves.

Scope and Content Note

Issued jointly by the U.S. Bureau of Reclamation and the Bureau of Plant Industry, Soils and Agricultural Engineering.

Folder 6 **Boyer, Burleigh B. Aquatic weed control manual. Jersey City, N.J.: Cloroben Corporation, Jan. 1947.**

Physical Description: 22 p.

Folder 7 **Hartzog, W. E. Report on weed and brush control work on irrigation and drain channels by Imperial Irrigation District. 1946.**

Physical Description: 7 leaves.

Scope and Content Note

Given by W.E. Hartzog, Imperial Irrigation District, before Irrigation Districts Association of California, at its Santa Barbara Convention, Nov. 15, 1946.

Folder 8 **Huberty, Martin R. Chemical composition of ground waters. 1941.**

Scope and Content Note

From *Civil Engineering*, v. 11, no. 8 (Aug. 1941), p. 494-495.

- Folder 9 **Harmon, Burt. *Contamination of ground-water resources : industrial wastes enter gravels following old river channels in Southern California coastal region* . 1941.**
Scope and Content Note
From *Civil Engineering*, v. 11, no. 6 (June 1941), p. 345-347.
- Folder 10 **Beardslee, Clarence G. *Salt water barrier at Cooke [Santa Ynez Creek, Lompoc, California]*. 1942.**
Scope and Content Note
From *Western Construction News*, Feb. 1942, p. 53-55.
- Folder 11 **Fox, H. K. *Hydro-electric development involves unusual tunnel job : reconstruction of Kern River Plant require enlargement of 8,300 ft. of rock tunnel, location, topography, and ground give rise to special problems* . 1922.**
Scope and Content Note
From *Engineering News-Record*, v. 89, no. 2 (July 13, 1922), p. 50-55.
- Folder 12 **Given, J. A. *Railroad relocation and construction around Shasta Dam, parts 1 and 2*. 1941.**
Scope and Content Note
From *Civil Engineering*, v. 11, no. 8 (Aug. 1941), p. 461-464, and v. 11, no. 10 (Oct. 1941), p. 597-600.
- Folder 13 **Barnes, Harry. *Some figures on the cost of irrigation by pumping*. 1933.**
Scope and Content Note
Preprint. From *Farm Bureau Monthly, Madera County*, Feb.-Apr. 1933.
- Folder 14 **Wing, Leshler S. *Engine fixed and operating costs compared with those of motors for irrigation pumping*. 1933.**
Scope and Content Note
From *California Farm Bureau Monthly*, Feb.-Mar. 1933.
- Folder 15 **Brown, J. B. *Pumping irrigation water*. 1924.**
Physical Description: 8 leaves.
- Folder 16 **Moses, B. D., and C. V. Givan. *Factors affecting the cost of operating natural-gas and diesel-type engines for driving irrigation pumps*. Berkeley: Agricultural Experiment Station, University of California, Mar. 1933.**
Physical Description: 12 leaves.
- Folder 17 **American Society of Civil Engineers, Joint Committee on Bearing Value of Pile Foundations of the Waterways Division. *Pile foundations and pile structures*. New York: American Society of Civil Engineers, 1946. (Manuals of engineering practice ; no. 27).**
Physical Description: 72 p.
- Folder 18 **Boden, O. G., and Max R. Johnson. *Contra Costa Canal pumping plants*. 1941.**
Scope and Content Note
From *Reclamation Era*, June 1941, p. 182-184.

- Folder 19-1 **Russell, G. H. *Economic considerations in the examination of pumping equipment for irrigation and methods of estimating installation and irrigation costs.* Berkeley: Federal Land Bank of Berkeley, Dec. 5, 1927, rev. July 20, 1933.**
Physical Description: 28 leaves.
- Folder 19-2 **Ewing, Paul A. *Pumping from wells for irrigation.* Washington, D.C.: U.S. Dept. of Agriculture, May 1924, rev. May 1934. (Farmer's bulletin ; no. 1404).**
Physical Description: 28 p.
- Folder 19-3 **Long, Roger B. *Cost of pumping irrigation water in ten New Mexico counties.* Agricultural Experiment Station, New Mexico State University, Mar. 1965. (Bulletin ; no. 490).**
Physical Description: 40 p.
- Folder 19-4 **Buras, Nathan. *Conjunctive operation of a surface reservoir and a ground water aquifer.* 1963.**
Scope and Content Note
Extract of publication no. 63 of the I.A.S.H., Symposium Surface Waters, p. 492-501.
- Folder 19-5 **Wood, Ivan D. *Pumping for irrigation.* Washington, D.C.: U.S. Soil Conservation Service, May 1950. (SCS-TP-89).**
Physical Description: 40 p.
- Folder 20 **Silt problems, 1938-1942.**
Physical Description: 1 folder.
Scope and Content Note
Miscellaneous journal articles.
- Folder 21 **Soil moisture and salinity, [1940?]**
Physical Description: 1 folder.
Scope and Content Note
Tables and graphs.
- Folder 22 ***Problems of safety solved by a conservatively designed multi-layer lining for reservoir.* 1950.**
Scope and Content Note
Reprint. From *Western Construction News*, Feb. 15, 1950. Discusses Baldwin Hills Reservoir.
- Folder 23 **Etcheverry, B. A. *Progress report on water supply from Central Valley Project required for lands in Kern County.* Kern County Water Committee, Dec. 31, 1938.**
Physical Description: 32 p.
Scope and Content Note
Another copy: ETCH 14.
- Folder 24 **Water measurement, 1920-1944.**
Physical Description: 2 folders.
Scope and Content Note
Miscellaneous journal articles, tables, graphs, and photographs.
-

- Folder 26 **Water supply and land classification, 1920-1933.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence and miscellaneous papers with the Federal Land Bank of Berkeley and others.
- Folder 27 **Fresno River, 1940-1945.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Graphs of discharge and channel profiles.
- Folder 28 **San Joaquin Light and Power Company, 1933-1937.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence and notes on power use and pumping plant.
- Box Box 2, Folder 29 **North Kern Water Storage District, 1950-1952.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, memoranda, maps, reports, etc.
- Folder 30 **Madera County, 1955-1960.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence with Glenn W. Black relating to property lines in certain sections, public land surveys, riparian uses, cadastral engineering, etc.
- Folder 31 **Calaveras River, California, 1916-1953.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Miscellaneous reports, correspondence, and maps relating to hydroelectric power and flood control.
- Folder 32 **Wiley, W. M. *The Central Valley water plan : why it will not solve the water problems of the San Joaquin Valley.* 1935.**
- Physical Description:** 11 p.
- Folder 34 **Groundwater recharge by means of wells, 1934-1941.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Miscellaneous correspondence and letter reports.
- Folder 35 **Ingerson, Irvin M. *Ground water analysis of Madera ground water unit.* Sacramento: California Division of Water Resources, Oct. 14, 1952.**
- Physical Description:** 8 leaves.
-

- Folder 36 **Barnes, Harry. *Report on underground water conditions in Madera area, California.* June 1933.**
Physical Description: 21 leaves.
- Folder 37 **Thomas, Franklin. *Value of water in southern California : a historical resume of the cost of its development for irrigation and domestic use.* 1933.**
Physical Description: Physdesc
Scope and Content Note
From *Civil Engineering*, v. 3, no. 10 (Oct. 1933), p. 555-559.
- Folder 38 **Bisschop, P. R. *Report on the irrigation of the experimental alfalfa tract near Chowchilla during the summer of 1922. [1922?].***
Physical Description: 22 leaves.
- Folder 39 **Barnes, Harry. *Rate of use of water on swamp ground.* Nov. 1921.**
Physical Description: 7 leaves.
- Folder 40 **Memoranda to the State Engineer, 1930.**
Physical Description: 1 folder.
Scope and Content Note
Barnes' memos regarding irrigation and irrigated lands, San Joaquin River above mouth of Merced River, March 31, 1930; demands of crop lands, May 7, 1930.
- Folder 41 **Wiley, W. M. *The water problem.* 1934.**
Physical Description: 12 leaves.
Scope and Content Note
Concerns feasibility of gravity canal for Central Valley Project versus Bailey pumping plant.
- Folder 42 **Barnes, Harry. *Ground water replenishment, seepage from natural channels.* Apr. 10, 1935.**
Physical Description: 39 leaves.
Scope and Content Note
Concerns Madera County rivers and streams.
- Box Box 3, Folder 43 **Barnes, Harry. *Report of Harry Barnes to Valuation Committee of Board of Directors of San Joaquin River Water Storage District, upon proposed plan and project for the San Joaquin River Water Storage District .* Aug. 25, 1926.**
Physical Description: 208 leaves.
- Folder 44 **Barnes, Harry. *Report on Firebaugh Canal Company.* Aug. 16, 1933.**
Physical Description: 29 leaves.
Scope and Content Note
Letter report to Federal Land Bank of Berkeley.
-

-
- Folder 45 **Barnes, Harry. *Data relative to water requirements and possible costs of water to certain Madera County lands.* Jan. 27, 1932.**
- Physical Description:** 9 leaves.
- Scope and Content Note**
- Compiled for the proposed State Water Plan.
- Folder 46 **Yosemite Forks Estates, 1960-1961.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence and notes with Ray Hackney on development of water supply for Yosemite Forks Estates, Madera County, California.
- Folder 47 **Barnes, Harry. *Report of chairman of Central Valley Project Committee of the Irrigation Districts Association, to the Executive Committee of the Association.* Jan. 31, 1946.**
- Physical Description:** 15 leaves.
- Folder 48 **Barnes, Harry. *Location and description of sloughs, diversions and overflow channels taking out of the San Joaquin River, extending from the head of the Gravelly Ford Canal in township 13 south range 17 east, M.D.B. & M. to Hills Ferry Bridge at the mouth of the Merced River in township 7 south range 9 east, M.D.B. & M.* Sept. 1921.**
- Physical Description:** 1 v.
- Folder 49 **Herminghaus lands, 1922-1924.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence between Barnes and W. C. Maloy, Madera Irrigation District.
- Folder 50 **Millerton Lake, 1952.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Reports, graphs, maps, etc. relating to Millerton Lake water supply and releases.
- Folder 51 **Mendota Waterfowl Management Area, 1955-1957.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, reports, maps, etc.
- Folder 52 **Coarsegold Creek, 1954-1956.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Letter reports, maps, and correspondence with Mason A. Bailey.
-

- Folder 53 **Kaweah River, California, 1956.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, maps, etc. concerning possible reservoir and dam construction.
- Folder 54 **Water supply at Riverside, California, 1954-1955.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, notes, reports relating to Enos and Mattos v. Harmon et al.
- Folder 55 **Littlejohns Creek, California, 1952-1953..**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Maps, list of land sales, and appraisal report on rights of way for Littlejohns Creek channel improvement between Farmington and French Camp Slough to the Reclamation Board of the State of California.
- Folder 56 **Kings River, California, 1900-1950.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Allocation of Kings River water to Centerville Bottoms ditches for the period 1901-1950; monthly flow record at Centerville Bottoms, 1900-1950.
- Folder 57 **Kings River Conservation District, 1951.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence and notes for hearings regarding retaining the lands of W. H. Noble.
- Box Box 4, Folder 58 **Crescent Canal Company, Pine Flat Reservoir storage, 1951-1954.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, notes, data, maps, etc.
- Folder 59 **Lovelace Estate, 1950-1953.**
- Physical Description:** 1 folder
- Scope and Content Note**
- Correspondence, maps, data, reports, etc. regarding water use in relation to proposed Pine Flat Reservoir on the Kings River.
- Folder 60 **Merced stream group, California, 1953-1959.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Reports, maps, etc. regarding land sales and appraisals.
-

- Folder 61 **Gray Lodge Waterfowl Management Area, 1955-1957.**
Physical Description: 4 folders.
Scope and Content Note
Reports, correspondence, memoranda, meeting minutes, maps, etc.
- Box Box 5, Folder 62 **Expulsion of B. F. Jakobsen and James H. Payne from the American Society of Civil Engineers, 1936.**
Physical Description: 1 folder (6 pieces).
Scope and Content Note
Correspondence and mimeographed materials.
- Folder 63 **Cache Creek Settling Basin, 1957.**
Physical Description: 1 folder.
Scope and Content Note
Correspondence, notes, maps, reports, etc.
- Folder 64 **Bethel Island case, 1955-1959.**
Physical Description: 2 folders.
Scope and Content Note
Transcripts, maps, testimony, correspondence, etc. relating to Honegger vs. Reclamation District no. 1619.
- Folder 65 **Cuneo case on use of water in Owens Creek, 1956.**
Physical Description: 1 folder (7 pieces).
Scope and Content Note
Rights of Stephen Cuneo to appropriate water from Owens Creek in Merced County.
- Folder 66 **Biemond Dam, 1958.**
Physical Description: 2 folders.
Scope and Content Note
Reports, correspondences, notes, maps, etc.
- Folder 67 **Feather River Project and water rights, 1957.**
Physical Description: 1 folder (2 pieces).
Scope and Content Note
Letter reports from Walter M. Gleason to Bert A. Phillips, California Water Rights Protective Association.
- Folder 68-1 **Gleason, Walter M. *Economic evaluation of water : a search for criteria (University of California, Dec. 1957). Dec. 30, 1958.***
Physical Description: 22 leaves.
Scope and Content Note
Letter report to Gordon H. Garland, California Water Development Council.
-

- Folder 68-2 **Gleason, Walter M. *The California Water Plan - the two roads ahead and their 'litigation potential.'* Dec. 31, 1958.**
- Physical Description:** 43 leaves.
- Scope and Content Note**
- Letter report to Gordon H. Garland, California Water Development Council.
- Folder 69 **Etcheverry, B. A., F. C. Herrmann, and Curtis Walker. *Central Valley Project : appraisal of damage by reason of riparian invasion of lands, east of San Joaquin River between Chowchilla Farms and Stevinson Colony, San Joaquin Valley, California.* Sacramento: U.S. Bureau of Reclamation, Oct. 2, 1941.**
- Physical Description:** 14 leaves.
- Scope and Content Note**
- Letter report to the Secretary of the Interior.
- Folder 70 **Irrigation in California, 1915-1948.**
- Physical Description:** 1 folder (18 pieces).
- Scope and Content Note**
- Miscellaneous reports, correspondence, and notes.
- Box Box 6, Folder 71 **Reports on water costs and rates, 1935-1943.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Reports and memoranda on the Central Valley Project, Friant-Kern Canal, Kings River, Madera Irrigation District, etc.
- Folder 72 ***Address of Edward F. Treadwell before the Rotary Club, Madera, California, June 1, 1922.***
- Physical Description:** 11 leaves.
- Scope and Content Note**
- Remarks made by the attorney for Miller & Lux relating to the San Joaquin River and Madera County. Includes *Address of Sherwood Green before the Rotary Club, Madera, California, June 22, 1922 in reply to the address of Edward F. Treadwell ...*
- Folder 73 **Jones, C. H. *Conference with Mr. Harry Barnes, February 13, 1935, total per acre costs of water delivered to land in Madera Irrigation District, from local sources and Central Valley Project : memorandum to A. D. Edmonston .* Feb. 15, 1935.**
- Physical Description:** 6 leaves.
- Folder 74 **Archibald Project for wildlife conservation, 1956-1959.**
- Physical Description:** 1 folder (22 pieces).
- Scope and Content Note**
- Letter reports, notes, meeting minutes, correspondence, clippings, etc.

-
- Folder 75 **Railroad Commission of the State of California. *In the matter of the application of the Madera Canal & Irrigation Company, a public service corporation and a public utility, for an order establishing and raising the rates and charges for water sold, rented or distributed by said Company for irrigation, and to establish and alter the practice, classification, rules and regulations of said Company as to result in an increase of the existing rates and charges of said Company for such water . [1916?].***
- Physical Description:** 199 leaves.
- Scope and Content Note**
- Application no. 2381. Includes maps.
- Folder 76 **Kern Island Canal Company and others, 1929-1931.**
- Physical Description:** 2 folders (100 pieces).
- Scope and Content Note**
- Correspondence, notes, maps, etc
- Folder 76-1 **Barnes, Harry. *Memorandum respecting water supply and use of water of Kern Island Canal Co. [1931?].***
- Physical Description:** 17 leaves.
- Folder 76-2 **Railroad Commission of the State of California. *In the matter of the applications of East Side Canal Company, Buena Vista Canal, Inc., Stine Canal, Inc., the Farmers Canal Company, Central Canal Company, Kern River Canal and Irrigating Company, Pioneer Canal, Inc., and Kern Island Canal Company, for authority to increase its rates for water service . 1933.***
- Physical Description:** 29 leaves.
- Folder 76-3 **Kern Island Canal Company rules and regulations.**
- Physical Description:** 1 folder (5 pieces).
- Scope and Content Note**
- Includes proposed amendments to rules and regulations.
- Folder 76-4 **Tehachapi Cattle Company vs. Kern Island Canal Company, 1929-1933.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Includes documents submitted to the Railroad Commission of the State of California, maps, etc.
- Folder 76-5 **Barnes, Harry. *Irrigation from canals diverting water from Kern River between first and second points of measurements. 1920.***
- Physical Description:** 52 leaves.
- Folder 76-6 **Kern Island Canal, [1925-1930?].**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Notes, data, reports, etc.

Box Box 7, Folder 77 **Gill case, 1950-1952.**

Physical Description: 4 folders.

Scope and Content Note

Correspondence, testimony, memoranda, maps, etc. related to Gill, et al. vs. United States in re San Joaquin River.

Folder 78

Harding, S. T. Memorandum on proposed report of Kern River Water Storage District. Dec. 10, 1928.

Physical Description: 31 leaves.

Scope and Content Note

Prepared for the State Engineer of California; includes comments on Harding's report by A. L. Trowbridge.

Folder 79

Dry Creek Reservoir, Fresno County, California, 1946-1952.

Physical Description: 3 folders.

Scope and Content Note

Notes, correspondence, legal documents, maps, plans, etc.

Folder 80

Sacramento River levee construction, Ord Bend to Sidd's Landing, 1956-1958.

Physical Description: 2 folders.

Scope and Content Note

Includes appraisal of levee rights of way, right bank of the Sacramento River, correspondence, maps, etc.

Box Box 8, Folder 81 **C. C. Clark Dam, Madera County, California, 1954-1955.**

Physical Description: 1 folder.

Scope and Content Note

Correspondence, notes, map, etc.

Folder 82

Application of San Joaquin and Kings River Canal and Irrigation Company for increase of rates, 1929.

Physical Description: 1 folder.

Scope and Content Note

Notes on testimony by Harry Barnes before the Railroad Commission, Mar.-Dec., 1929.

Folder 83

San Joaquin River levee construction, 1955-1957.

Physical Description: 1 folder.

Scope and Content Note

Correspondence, memoranda, reports, maps, etc.

Folder 83-1

U.S. Army Corps of Engineers, Sacramento District. *San Joaquin River levees : Lower San Joaquin River and Tributaries Project, California : general design.* Sacramento, July 1, 1955.

Physical Description: 89 leaves.

Scope and Content Note

Another copy: G435 H5-1

- Folder 84 **Statement of the Madera County Farm Bureau to the State Railroad Commission of California, in respect of the valuation of certain properties of the San Joaquin Light and Power Corporation in the City of Fresno. Sept. 1935.**
- Physical Description:** 7 leaves.
- Scope and Content Note**
- Includes reporter's transcript of Barnes' testimony before the Railroad Commission of the State of California.
- Folder 85 **Quaresma vs. Volpa, regarding a sand pit east of Hanford, 1960.**
- Physical Description:** 1 folder (4 pieces).
- Scope and Content Note**
- Correspondence and notes.
- Folder 87 **Adobe ranch land purchased for Archibald (Madera) Lake, 1955-1959.**
- Physical Description:** 1 folder (11 pieces).
- Scope and Content Note**
- Correspondence, notes, photograph, and maps.
- Folder 88 **Butte Creek channel improvement, 1949-1957.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, notes, maps, etc. Includes *Appraisal report to the State Reclamation Board of Rights-of-Way for Butte Creek channel improvement, upstream from U.S. Highway 99*, by B.A. Etcheverry and Thomas H. Means, Nov. 25, 1949,
- Folder 90 **Reconstruction and maintenance of the Johnson-Carpenter Levee located east of the San Joaquin River near Crows Landing Bridge, 1958.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Reports on applications and correspondence.
- Folder 91 **San Joaquin River levees, 1952-1959.**
- Physical Description:** 1 folder (ca. 60 pieces).
- Scope and Content Note**
- Correspondence with the Reclamation Board of the State of California, B.A. Etcheverry, Thomas H. Means and others, photographs, etc.
- Folder 92 **Fresno River flood control, 1957-1962.**
- Physical Description:** 1 folder (6 pieces).
- Scope and Content Note**
- Report, memoranda, correspondence, and maps.

Box Box 9, Folder 93 **Tule River flood control, 1955-1961.**

Physical Description: 4 folders.

Scope and Content Note

Correspondence, notes, clippings, etc.

Folder 94

Coarsegold Union High School, 1960.

Physical Description: 1 folder.

Scope and Content Note

Map and correspondence relating to water supply from a spring.

Folder 95

Boundaries defined for maintenance areas of levees : American River, Sacramento River, and Feather River, 1956-1958.

Physical Description: 3 folders.

Scope and Content Note

Correspondence, notes and maps.

Wolfsen Case, 1955-1958

Box Box 10,
Folder 96

H. B. Wolfsen, et al. vs. the United States, 1955-1958.

Physical Description: 18 folders.

Scope and Content Note

Correspondence, transcripts, testimony, court documents, etc., regarding San Joaquin River water rights.

Folder 96-1
Folder 96-2
Folder 96-3
Folder 96-4
Folder 96-5
Folder 96-6
Folder 96-7
Folder 96-8
Folder 96-9
Folder 96-10/11

Opinion, 1958.

Opinion and findings of fact of commissioner, 1957.

Agreed statement of facts.

Plaintiffs' proposed findings of fact.

Plaintiffs' brief in support of proposed findings of fact.

Value of Wolfsen Ranch, 1955.

Testimony of B. A. Etcheverry.

Testimony of Harry Barnes.

Testimony of Gilbert F. Mellin.

Barnes' file.

Physical Description: 2 folders.

Scope and Content Note

Harry Barnes' notes, correspondence, etc.

Folder 96-12/13

Correspondence, 1955-1957.

Physical Description: 2 folders.

Folder 96-14

Miscellaneous.

Scope and Content Note

Maps, graphs, etc.

Box Box 11,
Folder 96-15
Folder 96-16
Folder 96-17
Folder 96-18

Reporter's transcript, vol. 1, June 11, 1956.

Reporter's transcript, vol. 2, June 12, 1956.

Reporter's transcript, vol. 3, June 13, 1956.

Reporter's transcript, vol. 4, June 14, 1956.

Kings River, 1921-1962

Box Box 11,
Folder 97

Kings River, Pine Flat Reservoir, 1921-1962.

Physical Description: 3 folders.

Scope and Content Note

Correspondence, reports, minutes of Kings River Water Association, membership lists of Kings River Conservation District and Kings River Water Association, legal documents, etc.

San Joaquin River Water Storage District, 1911-1927

Box Box 12,
Folder 98

San Joaquin River Water Storage District reports, 1922-1923.

Physical Description: 13 folders.

Scope and Content Note

Typewritten reports and memoranda written by Harry Barnes on various aspects of the proposed district.

Folder 98-1

Barnes, Harry. *Report on water supply of San Joaquin River.* Dec. 1922.

Physical Description: 15 leaves.

Folder 98-2

Barnes, Harry. *Synopsis of analysis of run-off of North Fork of San Joaquin River.* Jan. 1923.

Physical Description: 15 leaves.

Folder 98-3

Barnes, Harry. *Revised figures of North Fork and residual areas of San Joaquin River.* Feb. 1923.

Physical Description: ca. 30 leaves.

Folder 98-4

Barnes, Harry. *Water requirements of proposed San Joaquin River Water Storage District.* Feb. 1923.

Physical Description: 11 leaves.

Folder 98-5

Barnes, Harry. *Water requirements of lands other than those included within proposed San Joaquin River Water Storage District, but adjacent to or dependent upon the San Joaquin River.* Mar. 1923.

Physical Description: 22 leaves.

Folder 98-6

Barnes, Harry. *Analysis of return waters of San Joaquin River.* Dec. 1922.

Physical Description: 21 leaves.

Folder 98-7

Barnes, Harry. *Analysis of underground water supply available to proposed San Joaquin River Water Storage District.* Jan. 1923.

Physical Description: ca. 40 leaves.

Scope and Content Note

Includes addendum to report, Apr. 1923.

Folder 98-8

Barnes, Harry. *Water supply of Fresno Slough, tributary to San Joaquin River.* Feb. 1923.

Physical Description: ca. 30 leaves.

Folder 98-9

Barnes, Harry. *Report on drainage of lands of proposed San Joaquin River Water Storage District east of San Joaquin River and above existing canals.* Mar. 1923.

Physical Description: 5 leaves.

Folder 98-10

Barnes, Harry. *Report upon possibilities of irrigation and power development from the Fresno and Chowchilla Rivers.* Apr. 1923.

Physical Description: ca. 50 leaves.

Folder 98-11

Barnes, Harry. *Memorandum on allocation of water to lands of the proposed San Joaquin River Water Storage District and estimates of relative costs based thereon.* Apr. 1923.

Physical Description: ca. 40 leaves.

- Folder 98-12 **Barnes, Harry. *Comparison of schedules of service of Madera Reservoir with partial and full development.* May 1923.**
- Physical Description:** 13 leaves.
- Folder 98-13 **Barnes, Harry. *Memorandum upon exclusion of grass and hardpan lands from proposed San Joaquin River Water Storage District.* June 1923.**
- Physical Description:** ca. 40 leaves.
- Folder 99 **Barnes, Harry. *Analysis of underground water supply available to proposed San Joaquin River Water Storage District.* Jan. 1923.**
- Physical Description:** 38 leaves.
- Scope and Content Note**
- Includes Addendum to report of January 1923, on underground water supply available to proposed San Joaquin River Water Storage District, 1923.
- Folder 100 **Summaries of Miller & Lux diversions, 1927.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Derived from Miller & Lux records; in acre feet per month. Includes Lone Willow Slough and Brown Slough; San Joaquin & Kings River Canal & Irrigation Co.; San Luis Canal Co.; Aliso Canal; and Columbia Canal.
- Folder 103 **Hammatt water right reports, 1924-1926.**
- Physical Description:** 24 folders.
- Scope and Content Note**
- Reports by W. C. Hammatt, consulting engineer, San Francisco, Calif., related to water rights of the San Joaquin River Water Storage District. Note: No reports numbered 12 or 15.
- Hammatt, W. C. *Report ... on facts pertaining to water rights and diversions by the San Luis Canal Company.* Oct. 1924.**
- Physical Description:** 15 leaves.
- Scope and Content Note**
- Report no. 1. File includes index to all reports.
- Hammatt, W. C. *Report ... on facts pertaining to water rights and diversions by the San Joaquin & Kings River Canal & Irrigation Co.* Oct. 1924.**
- Physical Description:** 22 leaves.
- Scope and Content Note**
- Report no. 2.
- Hammatt, W. C. *Report ... on facts pertaining to water rights and diversions of Miller & Lux Incorporated : Lone Willow Slough, Brown Slough, Columbia Canal, and Chowchilla Canal .* Oct. 1924.**
- Physical Description:** ca. 40 leaves.
- Scope and Content Note**
- Report no. 3.
-

Hammatt, W. C. *Report ... on facts pertaining to water rights and diversions of Miller & Lux Incorporated : Aliso Canal.* Nov. 1924.

Physical Description: 13 leaves.

Scope and Content Note

Report no. 4.

Hammatt, W. C. *Report ... on facts pertaining to water rights and diversions of Miller & Lux Incorporated : Gravelly Ford Canal.* Nov. 1924.

Physical Description: 11 leaves.

Scope and Content Note

Report no. 5.

Hammatt, W. C. *Report on yield from water rights on San Joaquin River with relation to water requirements of San Joaquin River Water Storage District .* Dec. 1924.

Physical Description: ca. 40 leaves.

Scope and Content Note

Report no. 6.

Hammatt, W. C. *Storage study of Millerton Reservoir.* Feb. 1925.

Physical Description: 17 leaves.

Scope and Content Note

Report no. 7.

Hammatt, W. C. *Yield of Madera Canal and Irrigation Company's water right on Fresno River.* Feb. 1925.

Physical Description: 4 leaves.

Scope and Content Note

Report no. 8.

Hammatt, W. C. *Report of riparian lands affected by proposed storage of the San Joaquin River Water Storage District.* Feb. 1925.

Physical Description: ca. 30 leaves.

Scope and Content Note

Report no. 9.

Hammatt, W. C. *[Riparian land damage to Miller & Lux].* Apr. 1925.

Physical Description: 2 leaves.

Scope and Content Note

Report no. 10.

Hammatt, W. C. *Revised report on yield from water rights on San Joaquin River.* Apr. 1925.

Physical Description: 14 leaves.

Scope and Content Note

Report no. 11. Revision of report no. 6.

Hammatt, W. C. *Revised storage study for Millerton Reservoir, San Joaquin River Water Storage District.* May 1925.

Physical Description: 12 leaves.

Scope and Content Note

Report no. 13. Revision of report no. 7.

Hammatt, W. C. *Report on use of water under system of San Joaquin & Kings River Canal & Irrigation Company and San Luis Canal Company.* May 1925.

Physical Description: 16 leaves.

Scope and Content Note

Report no. 14.

Hammatt, W. C. *Memorandum regarding influence of power storage releases on prescriptive water rights of Miller & Lux.* June 1925.

Physical Description: 10 leaves.

Scope and Content Note

Report no. 16.

Hammatt, W. C. *Second revision of report on yield from water rights on San Joaquin River.* Aug. 1925.

Physical Description: ca. 40 leaves.

Scope and Content Note

Report no. 17. Revision of report no. 11.

Hammatt, W. C. *Report on yield of Madera Canal & Irrigation Company's water right on Fresno River.* July 1925.

Physical Description: 8 leaves.

Scope and Content Note

Report no. 18.

Hammatt, W. C. *Preliminary set-up for service to lands in San Joaquin River Water Storage District according to schedule of service adopted by Board of Directors ...* Sept. 1925.

Physical Description: 35 leaves.

Scope and Content Note

Report no. 19.

Hammatt, W. C. *Service to segregated areas in San Joaquin River Water Storage District.* Oct. 1925.

Physical Description: 10 leaves.

Scope and Content Note

Report no. 20.

Hammatt, W. C. *Memorandum regarding deferred utilization by San Joaquin River Water Storage District.* Oct. 1925.

Physical Description: 11 leaves.

Scope and Content Note

Report no. 21.

Letter to Milton T. Farmer re yield of water rights, Nov. 12, 1925.

Physical Description: 7 leaves.

Scope and Content Note

Report no. 22.

Hammatt, W. C. *Report of service to Miller & Lux lands in San Joaquin River Water Storage District carrying their own water rights.* Dec. 1925.

Physical Description: 9 leaves.

Scope and Content Note

Report no. 23.

Hammatt, W. C. *Yield of water rights on San Joaquin River, 1908-1924 : based on natural river.* Jan. 1926.

Physical Description: 10 leaves.

Scope and Content Note

Report no. 24.

Letter to Harry Barnes re storage and releases of power companies, Apr. 14, 1926.

Physical Description: 5 leaves.

Scope and Content Note

Report no. 25.

Hammatt, W. C. *Report on yields of water rights on San Joaquin River.* July 1926.

Physical Description: 27 leaves.

Scope and Content Note

Report no. 26. Fourth revision.

Box Box 13,
Folder 104

Digest of various contracts existing between Miller & Lux and its subsidiaries and the San Joaquin & Kings River Canal & Irrigation Company, and third parties, and among themselves, 1927.

Physical Description: 73 leaves.

Scope and Content Note

Compiled by J. E. Woolley. Also includes a list of suits in which judgments have been entered and a list of pending actions that in any way affect the water rights of Miller & Lux.

Folder 105

Hammatt, W. C., and Harry Barnes. *Preliminary report upon boundary submitted for proposed San Joaquin River Water Storage*. Oct. 1922.

Physical Description: 37 leaves.

Scope and Content Note

Letter report to Miller & Lux Inc., directors of Madera Irrigation District, and committee representing proposed West Side Water Storage District.

Folder 106

San Joaquin River Water Storage District reports, 1924-1925.

Physical Description: 8 folders.

Report of Board of Directors of San Joaquin River Water Storage District ... upon proposed plans of development of San Joaquin River Water Storage District . [1925?].

Physical Description: 8 leaves.

Scope and Content Note

Letter report to W. F. McClure, State Engineer.

Hammatt, W. C. *Water rights on the San Joaquin River with priorities thereof and yields therefrom*. May 1925.

Physical Description: ca. 25 leaves.

Scope and Content Note

Includes tables of yield of water rights, 1911-1915.

Hammatt, W. C. *Irrigation service to district lands of San Joaquin River Water Storage District*. May 1925.

Physical Description: ca. 25 leaves.

Scope and Content Note

Includes tables of irrigation demand, storage required (Millerton Reservoir), and power output.

Kempkey, Augustus. *Appraisals as to value of physical properties & water rights to be acquired by purchase by the San Joaquin River Water Storage District as per the district's plan* . [1925?].

Physical Description: ca. 40 leaves.

Scope and Content Note

Includes maps.

Barnes, Harry. *Report ... on cost of construction of irrigation and drainage works for service of lands included in the project of the San Joaquin River Water Storage District, excluding costs of storage and power development and the cost of existing properties to be acquired* . May 1925.

Physical Description: 8 leaves.

Wiley, A. J. *Report on Friant Reservoir for the San Joaquin River Water Storage District.* Dec. 1924.

Physical Description: 56 leaves.

Scope and Content Note

Includes summary of data of Wiley's report by Harry Barnes, Dec. 1924.

Hammatt, W. C. *Design of dam, estimates of cost of dam and income from power.* May 1925.

Physical Description: 12 leaves.

Scope and Content Note

Includes summary of estimated costs, summaries of appraisals, and Board of Directors' resolution.

Maps, 1925.

Physical Description: 1 folder (4 maps).

Scope and Content Note

Related to water rights of San Joaquin River Water Storage District.

Folder 106-1

Barnes, Harry. *Plan and project of San Joaquin River Water Storage District, as outlined for submission to the State Engineer, under authority of resolution # of the Board of Directors of said District panel and in accordance with Section 17 of the Water Storage District Act .* [1928].

Physical Description: 1 v., bound.

Scope and Content Note

Rough draft; typescript with holograph annotations.

Folder 106-2

Correspondence concerning San Joaquin River Water Storage District's water rights, 1924-1928.

Physical Description: 1 v., bound.

Box Box 14,
Folder 107

Herrmann, F. C., B. A. Etcheverry, and H. L. Haehl. *Preliminary report on appraisal of physical properties and water rights for purchase by the San Joaquin River Water Storage District .* San Francisco: Board of Review, Jan. 9, 1926.

Physical Description: 42 leaves.

Folder 107-1

Memorandum for discussion of methods of valuing water rights by Board of Review, [1926].

Physical Description: 15 leaves.

Folder 108

San Joaquin River Water Storage District reports, 1924-1925.

Physical Description: 11 folders.

Scope and Content Note

Duplicates of the reports in Folder 106; includes: *Report of Harry Barnes on cost of irrigation, drainage, and flood control works of San Joaquin River Water Storage District*, Jan. 16, 1925.

Folder 109

Barnes, Harry. *Report of Harry Barnes on cost of irrigation, drainage, and flood control works of Joaquin River Water Storage District.* Jan. 16, 1925.

Physical Description: 45 leaves.

Scope and Content Note

Includes maps.

- Folder 110 **Barnes, Harry. *Memorandum upon drainage of lands of San Joaquin River Water Storage District*. Nov. 1924.**
Physical Description: 19 leaves.
- Folder 111 **Barnes, Harry. *Water requirements of proposed San Joaquin River Water Storage District*. Feb. 1923.**
Physical Description: 12 leaves.
- Folder 112 **Barnes, Harry. *Memorandum on allocation of water to lands of the proposed San Joaquin Water Storage District and estimate of relative costs based thereon* . Apr. 1923.**
Physical Description: ca. 40 leaves.
- Folder 114 **Cowell, A. L. *The law and the facts relating to the proposed water storage district in the San Joaquin Valley : including lands under the San Joaquin and Kings River Canal and Irrigation Company, the San Luis Canal Company, the Gravelly Ford Canal Company, the Firebaugh Canal Company and riparian lands, with an analysis of the California Water Storage Act*. Los Banos: Enterprise Print, [192-?].**
Physical Description: 15 leaves.
Scope and Content Note
Prepared for the Executive Committee of the San Joaquin River Water Storage District.
- Box Box 15,
Folder 115 **San Joaquin River Water Storage District, 1912-1929.**
Physical Description: 8 folders.
Scope and Content Note
Miscellaneous correspondence, notes, memoranda, agreements, and maps. Includes materials related to East Side Canal & Irrigation Company.

Madera Irrigation District, 1872-1960

- Box Box 16-17,
Folder 116 **Madera Irrigation District : director's data, 1934-1950.**
Physical Description: 22 folders.
Scope and Content Note
Correspondence, memoranda, data, contracts, etc. related to Madera Irrigation District, Madera Canal, water supply of Madera County, etc. Compiled by Harry Barnes from his personal files. Arranged chronologically (Box 16: 1934-1944; Box 17: 1945-1950).
- Box Box 18,
Folder 117 **Railroad Commission of the State of California. *In the matter of the application of Madera Canal and Irrigation Company for an order authorizing increases in rates charged for water sold for irrigation : application no. 2381 : decided July 23, 1917.* Sacramento: California State Printing Office, [1917?].**
Physical Description: 18 p.
Scope and Content Note
Decision no. 4478.
- Folder 118 **Railroad Commission of the State of California. *In the matter of the application of Madera Canal & Irrigation Company for an order establishing and raising rates and charges for water sold, rented or distributed by said company for irrigation, and to establish and alter the practice, classification, rules and regulations so as to result in an increase of the existing rates and charges of said company for such water.* San Francisco, 1917.**
Physical Description: 295 leaves.
Scope and Content Note
Application no. 2381. Reporter's transcript, Feb. 13-14, 1917.
- Folder 119 ***Statement of Board of Directors of Madera Irrigation District.*Madera, Calif.: The Madera News, May 4, 1944.**
Physical Description: 11 p.
Scope and Content Note
Regarding the availability of Central Valley Project water to Madera Irrigation District.
- Folder 120 **Memoranda of Madera Irrigation District to U.S. Bureau of Reclamation, 1941-1946.**
Physical Description: 3 folders.
Scope and Content Note
Concerning the possible uses of Central Valley Project water by the district, water requirements of the district, and supplemental water supply of the district.
- Folder 121-1 **California Division of Water Resources. *Report on capacity of Madera Canal.*Sacramento: Water Project Authority of the State of California, Central Valley Project, Aug. 1936.**
Physical Description: 51 leaves.
- Folder 121-2 **Capacity of Madera Canal, 1936.**
Physical Description: 1 folder.
Scope and Content Note
Memoranda by Harry Barnes and S. T. Harding to Walker R. Young,U.S. Bureau of Reclamation and Edward Hyatt,California Water Project Authority, graphs, etc.

- Folder 122 **Data submitted by Madera Irrigation District to Commissioner of Reclamation on proposed sale of district properties, 1937.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, "exhibits," etc.
- Folder 123 **Quinton, Code & Hill, Consulting Engineers. *Report on Madera Irrigation Project.* Los Angeles, June 1917.**
- Physical Description:** 34 leaves.
- Scope and Content Note**
- Letter report to Madera Irrigation District regarding possible dam and reservoir sites, and water supply available from the San Joaquin, Fresno, and Chowchilla Rivers.
- Folder 124 **San Joaquin & Kings River Canal & Irrigation Co., Inc. vs. Madera Irrigation District, 1931.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Includes: Abstract of testimony by Harry Barnes and notes on the transcript of case.
- Box Box 19,
Folder 125-1 **U.S. Bureau of Reclamation, Region II, Central Valley Project, Lower San Joaquin District. *Preliminary design and cost estimate, lateral distribution system for Madera Irrigation District.* Madera, Calif., 1948.**
- Physical Description:** 1 v.
- Folder 125-2 **U.S. Bureau of Reclamation, Region II, Central Valley Project, Tulare Basin District. *Revision of preliminary design and cost estimate, lateral distribution system for Madera Irrigation District.* Fresno, Calif., Rev. Dec. 1949.**
- Physical Description:** 1 v.
- Folder 126 **U.S. Bureau of Reclamation, Region II, Central Valley Project, Lower San Joaquin District. *Water supply study of Madera Irrigation District.* Merced, Calif., May, 1948.**
- Physical Description:** 71 leaves.
- Folder 127 **Security Title Insurance and Guarantee Company. *Water rights, water right contracts, rights of way and real property of the Madera Canal and Irrigation Company.* Dec. 1948.**
- Physical Description:** 26 leaves.
- Scope and Content Note**
- Letter report to Harry Barnes, Madera Irrigation District.
- Folder 128 **University of California, Division of Soils. *Soils of Madera Irrigation District, Madera County, California.* Oct. 1948.**
- Physical Description:** 28 leaves.
- Folder 129 **Holdings in Madera Irrigation District in excess of 160 acres, as per assessment rolls of the district, as of March, 1950.**
- Physical Description:** 22 leaves.

- Folder 130 ***Application of Madera Irrigation District for a preliminary permit for the development of electric power on the San Joaquin River near Friant, California . [1929].***
- Physical Description:** 28 leaves.
- Scope and Content Note**
- Includes map.
- Folder 131 ***Robertson, R. D.,O. W. Israelsen, and W. W. McLaughlin. Report on duty of water under Madera Canal. Jan. 1915.***
- Physical Description:** 27 leaves.
- Scope and Content Note**
- Includes introduction by Frank Adams.
- Folder 132 ***Madera County Chamber of Commerce. Report on Madera Irrigation District, with suggestions. Sept. 1931.***
- Physical Description:** 10 leaves.
- Scope and Content Note**
- Report on the status of the district from its inception to the present time.
- Folder 133 ***Cope Rand Means Co., Engineers. Water requirements, Madera Irrigation District. Nov. 1920.***
- Physical Description:** 34 leaves.
- Folder 134 ***Madera Irrigation District letter reports, 1922-1928.***
- Physical Description:** 1 folder.
- Scope and Content Note**
- Reports and correspondence to Board of Directors of Madera Irrigation District, compiled by B. A. Etcheverry.
- Folder 135 ***Barnes, Harry. Comments on topics referred to in the notice of the Madera Tax Payers Association, calling a mass meeting. Oct. 30, 1931.***
- Physical Description:** 13 leaves.
- Scope and Content Note**
- Files includes a copy of the notice calling for the meeting to ask the Attorney General of California to dissolve the Madera Irrigation District.
- Folder 136 ***Before the Board of Directors of the Madera Irrigation District : in the matter of the petition of owners in a tract or tracts of land as hereinafter definitely described; for the inclusion of said tract or tracts of land in the Madera Irrigation District . Aug. 1949.***
- Physical Description:** 4 leaves.
- Folder 137 ***Barnes, Harry. Memorandum on ground water replenishment in Madera Irrigation District in 1944 through utilization of natural stream channels. May 1945.***
- Physical Description:** 13 leaves.
- Scope and Content Note**
- Includes maps.
-

- Folder 138 **U.S. Bureau of Reclamation. *Memorandum for engineer -- studies and investigations.* [1941?].**
Physical Description: ca. 25 leaves.
Scope and Content Note
Regarding water requirements for the area considered for service by the Madera Canal.
- Folder 139 **Barnes, Harry. *Effect of use of interim water of Central Valley Project by Madera Irrigation District, and value of such water, based on saving in cost of electric power used by pumping plants in the district.* [1943?].**
Physical Description: 13 leaves.
- Folder 140 ***Statement of Madera Irrigation District submitted to the sub-committee of U. S. Senate Irrigation and Reclamation Committee, July 27, 1944, at a hearing held at Fresno, California, relative to the applicability of the excess land provisions of the reclamation law to the Central Valley Project.* 1944.**
Physical Description: 9 leaves.
- Box Box 20-21,
Folder 141 **Madera Irrigation District, 1917-1960.**
Physical Description: 12 folders.
Scope and Content Note
Correspondence, memoranda, data, reports, newspaper clippings, maps, photographs, etc. related to Madera Irrigation District, Madera Canal, water supply of Madera County, Sacramento River water rights, etc.
-

Madera Canal & Irrigation Company, 1905-1949

- Box Box 22,
Folder 142 **Hargrove, R. L. *Statement of prescriptive title of water rights of Madera Canal & Irrigation Company.* 1917.**
Physical Description: 4 leaves.
Scope and Content Note
Submitted to the Railroad Commission as Petitioner's Exhibit #36, Application #2381.
- Folder 143 **Barnes, Harry. *Memo on discussion with Mr. C. J. Emmert, relative to Madera Canal & Irrigation Co.* Oct. 26, 1943.**
Physical Description: 6 leaves.
- Folder 144 **Annual reports of Madera Canal & Irrigation Company to the Railroad Commission of California, 1939-1945.**
Physical Description: 2 v.
- Folder 145 **Barnes, Harry. *[Report on the offer of the Madera Canal & Irrigation Company to sell its properties to the Madera Irrigation District].* Jan. 4, 1944.**
Physical Description: 15 leaves.
Scope and Content Note
Letter report to the Board of Directors, Madera Irrigation District.
- Folder 146 **Agreement between Madera Canal & Irrigation Company and G. W. Mordecai regarding water rights of Cottonwood Creek, Sept. 30, 1905.**
Physical Description: 6 leaves.
-

- Folder 147 **Barnes, Harry. *Concerning Madera Canal & Irrigation Company*. Jan. 1922.**
Physical Description: 12 leaves.
- Folder 148 **Loucks, G. R. *Madera Canal and Irrigation Company, a public utility*. Feb. 18, 1935.**
Physical Description: 13 leaves.
Scope and Content Note
Memorandum to G. H. Russell, Senior Engineer Appraiser. File includes notes on Madera Canal & Irrigation Company by Harry Barnes, Jan. 25, 1925.
- Folder 149 **Petition to the Railroad Commission of California to authorize Madera Canal & Irrigation Company to transfer its property to the San Joaquin River Water Storage District, 1925-1928.**
Physical Description: 1 folder.
Scope and Content Note
Correspondence, legal documents, exhibits, notes, maps, etc.
- Folder 150 **Madera Canal & Irrigation Company, 1927-1946.**
Physical Description: 1 folder.
Scope and Content Note
Compiled by Harry Barnes for Madera Irrigation District Board of Directors. Includes correspondence, memoranda, maps, etc.
- Folder 151 **Possible purchase of Madera Canal & Irrigation Company properties by Madera Irrigation District, 1943-1949.**
Physical Description: 1 folder.
Scope and Content Note
Correspondence, notes, data, memoranda, etc.
- Folder 152 **Madera Canal & Irrigation Company, 1920-1940.**
Physical Description: 2 folders.
Scope and Content Note
Manuscript computations, reports, correspondence, maps, etc.
- Folder 153 **Set up of Miller & Lux rights as understood by Barnes from discussion with Mott, Dec. 26, 1928.**
Physical Description: 1 folder.
Scope and Content Note
Includes flow schedules, notes, correspondence, etc.
- Box Box 23,
Folder 154 **Chowchilla right, Blythe Canal, 1872-1938.**
Physical Description: 1 folder.
Scope and Content Note
Agreements between San Joaquin & Kings River Canal & Irrigation Company, California Pastoral & Agricultural Company, and Miller & Lux for the construction of a canal to take water from the San Joaquin River, memoranda, maps, data, etc.
-

- Folder 155 **Chowchilla lands, 1922-1928.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Memorandum re Chowchilla Ranch, list of Chowchilla lands, memorandum for weir at Temple Slough, correspondence, notes, data, maps, etc.
- Folder 156 **Flow schedule data, San Joaquin River Water Storage District, 1910-1928.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Data pertaining to "certain rights to water of the San Joaquin River above the mouth of the Merced River," compiled by Harry Barnes.
- Folder 157 **Hydrograph of mean daily flow, natural runoff of San Joaquin River above Friant Dam and Millerton Lake inflow, 1910-1948.**
- Physical Description:** 1 folder.
- Folder 158 **Barnes, Harry. *Estimate of discharge of San Joaquin River disregarding effect of future power development.* Oct. 1922.**
- Physical Description:** 11 leaves.
- Folder 159 **Barnes, Harry. *Report on run off of Fresno River.* Dec. 1922.**
- Physical Description:** 24 leaves.
- Folder 160 **Barnes, Harry. *Water supply of Fresno Slough, tributary to San Joaquin River.* Feb. 5, 1923.**
- Physical Description:** ca. 30 leaves.
- Folder 161 **Barnes, Harry. *Revised figures on run-off, North Fork and residual areas of San Joaquin River.* Feb. 21, 1923.**
- Physical Description:** ca. 15 leaves.
-

Rank vs. Krug, 1921-1952

- Box Box 24,
Folder 162 **Rank vs. Krug, 1921-1952.**
- Physical Description:** 14 folders.
- Scope and Content Note**
- Reports, legal opinions, affidavits, correspondence, notes, etc., compiled by Harry Barnes, concerning San Joaquin River water rights in the case of Everett G. Rank, et al., plaintiffs, vs. Julius A. Krug, et al., defendants.
-

Miller & Lux, 1872-1949

Miller & Lux, 1872-1949

- Box Box 25,
Folder 163 **Haehl, H. L. *Report to San Joaquin River Water Storage District and Miller & Lux, Incorporated on damage to riparian lands of Miller & Lux, Inc. (outside district and in 'deferred' district area)*, Apr. 13, 1928.**
- Physical Description:** 20 leaves.
- Folder 164 **Kelley, W. P., Warren R. Schoonover, and Frank M. Eaton. *Report of Committee of Consultants on the suitability of a proposed substitutional water supply for part of the Central Valley Project*, Feb. 5, 1938.**
- Physical Description:** 11 leaves.
- Scope and Content Note**
- Letter report to Edward Hyatt, Water Project Authority of California. File includes memorandum from the Committee to J. B. Lippincott, and his reply.
- Folder 165 **Woolley, J. E. *Memorandum of litigation affecting the water rights of Miller & Lux, Incorporated and the San Joaquin & Kings River Canal & Irrigation Company, Incorporated*, Apr. 20, 1927.**
- Physical Description:** 19 leaves.
- Scope and Content Note**
- File includes a petition for application of the San Joaquin & Kings River Canal & Irrigation Company to the Railroad Commission for an order authorizing it to enter into a contract with Miller & Lux, Firebaugh Canal Company, San Luis Canal Company, and Columbia Canal Company for diversion of San Joaquin River water.
- Folder 166 **Miller & Lux vs. Madera Irrigation District, 1931.**
- Physical Description:** 7 folders.
- Scope and Content Note**
- Decision of California Superior Court (Fresno County), including schedules, conclusions of law, and Judge Charles G. Haines' opinion.
- Box Box 26,
Folder 167 **Miller & Lux vs. Madera Irrigation District, 1928-1931.**
- Physical Description:** 5 folders.
- Scope and Content Note**
- Synopsis of the complaint by Harry Barnes, abstract of testimony, Dec. 3, 1930-Jan. 22, 1931, exhibits and data on water diversions, memoranda, correspondence, etc.
- Folder 168 **Miller & Lux vs. Madera Irrigation District, 1872-1949.**
- Physical Description:** 4 folders.
- Scope and Content Note**
- Miller & Lux agreements, correspondence, maps, notes, news clippings, etc.
- Folder 169 **Miller & Lux, 1906-1933.**
- Physical Description:** 5 folders.
- Scope and Content Note**
- Agreements, power company contracts, indentures, maps, etc.
-

Irrigation Districts and Subject Files, 1902-1960

Scope and Content Note

Miscellaneous files on various individual California irrigation districts, water rights cases, and other topics related to Barnes' career.

Box Box 27,
Folder 170

Turlock Irrigation District, 1929-1931.

Physical Description: 1 folder.

Scope and Content Note

Report on consumptive use for the year 1929 by R. V. Meikle, Chief Engineer of the District, correspondence between Meikle and Harry Barnes, notes, etc.

Folder 171

Orange Cove Irrigation District, 1948.

Physical Description: 1 folder.

Scope and Content Note

Answer to objections to the petition of the District to the California Irrigation District Securities Commission to approve contract with the United States for purchase of water supply.

Folder 172

Turlock Irrigation District, 1947.

Physical Description: 1 folder.

Scope and Content Note

File of materials related to a petition for the creation of an improvement district, known as Crow-Grubb Ditch.

Folder 173

Oakdale Irrigation District, 1938.

Physical Description: 1 folder.

Scope and Content Note

Notes by Harry Barnes regarding cultivation of ladino clover at Oakdale.

Folder 174

Nevada Irrigation District, 1925-1927.

Physical Description: 1 folder.

Scope and Content Note

Contractors' bids for Mountain Division.

Folder 175

Fresno Irrigation District, 1930-1954.

Physical Description: 1 folder.

Scope and Content Note

Data on rainfall, groundwater levels, diversions, etc.

Folder 176

West Stanislaus Irrigation District, 1928.

Physical Description: 2 folders.

Scope and Content Note

Contracts, specifications, proposals, blueprints, etc.

- Folder 177 **Madera Irrigation District, 1930.**
Physical Description: 1 folder.
Scope and Content Note
Statement by Harry Barnes to Hoover-Young Commission on the history, activities, and position of Madera Irrigation District.
- Folder 178 **Mendota Irrigation District.**
Physical Description: 1 folder.
Scope and Content Note
Review of a portion of the report by Teilman and Grunsky that pertains to the supply of electric power.
- Folder 179 **Gerlach Livestock Company vs. the United States, 1947-1950.**
Physical Description: 1 folder.
Scope and Content Note
Testimony of B. A. Etcheverry, and writs of certiorari to the U.S. Court of Claims. Case pertains to deprivation of riparian rights along the San Joaquin River caused by construction of Friant Dam.
- Folder 180 **Merced Irrigation District, 1924.**
Physical Description: 1 folder.
Scope and Content Note
Address by Col. F. Emerson Hoar regarding problems confronting the District.
- Folder 181 **Madera Irrigation District, 1920.**
Physical Description: 1 folder.
Scope and Content Note
Letter report to the Board of Engineers by Thomas H. Means and Louis C. Hill on the feasibility of proposed irrigation system
- Box Box 28,
Folder 182 **San Bernardino County Supplemental Water Association, 1957.**
Physical Description: 1 folder.
Scope and Content Note
Correspondence and memoranda by Ted Silverwood.
- Folder 183 **Turlock Irrigation District and Modesto Irrigation District, 1918-1925.**
Physical Description: 1 folder.
Scope and Content Note
Estimate of cost of Don Pedro Dam and Reservoir, rainfall and evaporation record, duty of water, etc.
- Folder 184 **Windy Gap Dam and Reservoir.**
Physical Description: 1 folder.
Scope and Content Note
Estimate of costs, power diversion, etc.
-

- Folder 185 **Merced Irrigation District, 1921.**
Physical Description: 1 folder.
Scope and Content Note
Comparison of cost of intermediate development.
- Folder 186 **Little Dry Creek, 1920.**
Physical Description: 1 folder.
Scope and Content Note
Estimate of cost of distribution system.
- Folder 187 **San Joaquin River Water Storage District, 1923-1934.**
Physical Description: 1 folder.
Scope and Content Note
Miscellaneous correspondence.
- Folder 188 **Gordon Valley Project, 1926.**
Physical Description: 1 folder.
Scope and Content Note
Related to water supply for the city of Vallejo, California.
- Folder 189 **Madera Canal, 1934-1958.**
Physical Description: 1 folder.
Scope and Content Note
Miscellaneous correspondence and notes.
- Folder 190 **Miller & Lux, 1910-1930.**
Physical Description: 1 folder.
Scope and Content Note
Tables of availability of water.
- Folder 191 **California Water Plan, 1958.**
Physical Description: 1 folder.
Scope and Content Note
Letter from Gordon H. Garland, California Water Development Council, to Harry R. Wiley, Los Angeles.
- Folder 192 **Bertha M. Rankin correspondence, 1929-1931.**
Physical Description: 1 folder.
Scope and Content Note
Pertaining to East Side Canal Company case.

- Folder 193 **Foothill Irrigation District, 1920.**
Physical Description: 1 folder.
Scope and Content Note
Report of Harry Barnes to W.F. McClure, State Engineer, regarding proposed district.
- Folder 194 **Indian Wells Valley Irrigation District, 1921.**
Physical Description: 1 folder.
Scope and Content Note
Report of A. M. Strong, on proposed irrigation system for the Inyokern-Mojave District, Kern County, California.
- Folder 195 **Miller & Lux, 1920.**
Physical Description: 1 folder.
Scope and Content Note
Synopsis of various contracts between Miller & Lux and Southern California Edison Company and its predecessors.
- Folder 196 **San Joaquin River, 1929.**
Physical Description: 1 folder.
Scope and Content Note
Suggested monthly flow schedule, compiled by Harry Barnes.
- Folder 199 **Barnes, Harry. *Estimates of annual cost per acre, based upon various costs per acre foot canal side, under State Plan. Sept. 17, 1931.***
Physical Description: 1 folder.
- Folder 200 **Madera Canal, 1939.**
Physical Description: 1 folder.
Scope and Content Note
Memoranda from U.S. Bureau of Reclamation to Harry Barnes, Chief Engineer.
- Folder 201 **Madera Irrigation District, 1929.**
Physical Description: 1 folder.
Scope and Content Note
Statement by Harry Barnes regarding irrigation development of Madera area, prior and subsequent to organization of Madera Irrigation District.
- Folder 202 **Madera Irrigation District, 1921-1948.**
Physical Description: 1 folder.
Scope and Content Note
Groundwater profiles, north from San Joaquin River.

- Folder 203 **Groundwater, 1933-1941.**
Physical Description: 1 folder.
Scope and Content Note
Correspondence, reports, etc.
- Folder 204 **Barnes, Harry. *Specifications covering trenching and laying of concrete pipe.* Oct. 17, 1947.**
Physical Description: 3 leaves.
Scope and Content Note
To accompany letter of O. W. Israelsen.
- Folder 205 **Table for measuring the flow of wells, 1912.**
Physical Description: 1 folder.
- Folder 206 **Specifications on clearing and grubbing, 1926.**
Physical Description: 1 folder.
- Folder 207 **Debler, E. B. *Reduction of conveyance losses in irrigation distribution.* July 1, 1941.**
Physical Description: 6 leaves.
- Folder 208 **Madera County Conservation Needs Inventory Committee, 1959.**
Physical Description: 1 folder.
Scope and Content Note
Minutes of meetings.
- Folder 209 **Sheridan Downey correspondence, 1949.**
Physical Description: 1 folder.
Scope and Content Note
Letters to Downey related to Orange Cove Irrigation District case and Central Valley Project.
- Folder 210 **San Joaquin & Kings River Canal & Irrigation Company vs. Madera Irrigation District.**
Physical Description: 1 folder.
Scope and Content Note
Opinion of the California State Superior Court (Fresno County).
- Folder 211 **Barnes, Harry. *Data on flood conditions and the control of floods on certain east side tributaries of the San Joaquin River, in Madera County, California.* Apr. 20, 1937.**
Physical Description: 1 folder.
Scope and Content Note
Submitted to Madera Irrigation District. File includes photographs, maps, and correspondence.

- Folder 212 **Gravelly Ford Canal case, 1902-1933.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Data for testimony, memoranda, outline of evidence, average monthly seepage, and diversion records for Aliso Canal and Gravelly Ford Canal (Miller & Lux).
- Folder 213 **Kings River, 1918-1950.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Annual diversions from Kings River into area between Kings River, San Joaquin River, and Fresno Slough.
- Folder 214 **Exhibits to accompany the application of the San Joaquin & Kings River Canal & Irrigation Company, Inc., and the San Joaquin River Water Storage District for an order authorizing the transfer and sale of property, 1926.**
- Physical Description:** 2 folders.
- Scope and Content Note**
- Reports, financial statements, tables, contracts, maps, etc.
- Box Box 29,
Folder 215 **Bliss Estate, 1959-1960.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence with Athearn, Chandler & Hoffman, notes, etc.
- Folder 216 **Stewart Irrigated Farms, 1922.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Bond issued by Security Bond and Finance Company, Berkeley.
- Folder 217 **Domestic water rates, 1927-1928.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Correspondence, tables, etc.
- Folder 218 **James J. Stevinson vs. Merced Irrigation District, 1930.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- Decree in California Superior Court (Merced County).
- Folder 219 **Robinson Ranch, 1945-1957.**
- Physical Description:** 1 folder.
- Scope and Content Note**
- C. Ray Robinson application no. 16604, correspondence, maps, etc.

- Folder 220 **Madera groundwater, 1916.**
Physical Description: 1 folder.
Scope and Content Note
Table showing "distance from surface of ground to underground water surface as measured in wells in the vicinity of Madera, California," maps, etc.
- Folder 221 **James Irrigation District, 1952.**
Physical Description: 1 folder.
Scope and Content Note
Correspondence and map.
- Folder 222 **U.S. War Dept., Office of the Chief of Engineers. *Partial report on Sacramento, San Joaquin and Kern Rivers, Calif. Feb. 25, 1931.***
Physical Description: 11 leaves.
Scope and Content Note
Letter report to the Secretary of War.
- Folder 223 **U.S. Bureau of Reclamation. *Madera Irrigation District - acquisition of canal rights of way by District and transfer of same to the United States. June 29, 1948.***
Physical Description: 4 leaves.
- Folder 224 **Water Project Authority of the State of California, Central Valley Project. *Valuation of rights to the waters of the San Joaquin River proposed to be acquired for division to upper San Joaquin Valley.* Sacramento, Mar. 1937. (Reports on acquisition of and plan of exchange for waters of the San Joaquin River ; report no. 4).**
Physical Description: ca. 40 leaves.
Scope and Content Note
Another copy: G438 F6 no. 4.
- Folder 225 **Water Project Authority of the State of California, Central Valley Project. *Lands east of San Joaquin River between Chowchilla Farms and Stevinson Colony subject to uncontrolled overflow.* Dec. 1937. (Reports on acquisition of and plan of exchange for waters of the San Joaquin River ; report no. 7).**
Physical Description: 1 v.
- Folder 226 **Water Project Authority of the State of California, Central Valley Project. *Chowchilla Farms, Inc.* Nov. 1937. (Reports on acquisition of and plan of exchange for waters of the San Joaquin River ; report no. 7).**
Physical Description: 1 v.
Scope and Content Note
Another copy: G438 F6 no. 6.
- Folder 227 **Barnes, Harry. *Report upon possibilities of irrigation and power development, from the Fresno and Chowchilla Rivers.* Apr. 1923.**
Physical Description: 68 leaves.

Folder 228 **Barnes, Harry. *Memorandum of Madera Irrigation District to Mr. John C. Page, Commission of Reclamation, respecting the possible use by that District of water of the San Joaquin River, following construction of the Friant Dam and Madera Canal Units of the Central Valley Project* . May 26, 1941.**

Physical Description: 49 leaves.

Folder 229 **Barnes, Harry. *Data on irrigation of Buttonwillow Ranch and adjacent lands*. 1920.**

Physical Description: 52 leaves.

Folder 230 **Madera Canal & Irrigation Company, 1924-1943.**

Physical Description: 1 folder.

Scope and Content Note

Details and summary of inventory of canal co. properties, notes, memoranda, correspondence, water rights information and data, etc.