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## Frank E. Bonner papers

Finding aid prepared by Erica Nordmeier.

Special Collections & University Archives

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## **Descriptive Summary**

**Title:** Frank E. Bonner papers

**Date (inclusive):** 1886-1967

**Collection Number:** WRCA 139

**Creator:** Bonner, Frank E.

**Extent:** 17.75 linear feet(29 boxes)

**Repository:** Rivera Library. Special Collections Department.  
Riverside, CA 92517-5900

**Abstract:** This collection is the result of Frank E. Bonner's work as a consulting engineer for four California water agencies. The materials in this collection consist of water and hydroelectric power studies, maps, designs, computations, drawings, photographs, and reports on various constructed or proposed water developments in the Sierra Nevada.

**Languages:** Description is in English.

### **Access**

The collection is open for research.

### **Publication Rights**

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### **Preferred Citation**

[identification of item], [date if possible]. Frank E. Bonner papers (WRCA 139). Water Resources Collections and Archives. Special Collections & University Archives, University of California, Riverside.

### **Acquisition Information**

Gift of John F. Bonner, 1990.

### **Processing History**

Processed by Erica Nordmeier, 2008.

### **Collection Number**

Collection number updated December 2018. Legacy collection number was MS 90/2 . This change was part of a project in 2018/2019 to update the collection numbers for collections in the Water Resources Collections and Archives.

### **Collection Scope and Contents**

This collection is the result of Frank E. Bonner's work as a consulting engineer for four California water agencies. The materials in this collection consist of water and hydroelectric power studies, maps, designs, computations, drawings, photographs, and reports on various constructed or proposed water developments in the Sierra Nevada.

### **Collection Arrangement**

The collection is divided into six series: California (General), Oakdale and South San Joaquin Irrigation Districts, Oroville-Wyandotte Irrigation District, Richvale Irrigation District, Sacramento Municipal Utility District, and Yuba County Water District. These series are further broken down into the following subseries: General and Components. Materials under the General Subseries discuss the projects as a whole while the materials under the Components Subseries focus on specific aspects of each project.

### **Indexing Terms**

The following terms have been used to index the description of this collection in the library's online public access catalog.

### **Subjects**

Central Valley Project (Calif.). American River Division

Feather River Project (Calif.)

Sacramento Municipal Utility District (Calif.)

Stanislaus River Project (Calif.)

Beardsley Dam (Calif.)

Clio Reservoir (Calif.)

Donnells Dam (Calif.)

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Feather River, Middle Fork (Calif.) -- Power utilization  
Feather River, South Fork (Calif.) -- Power utilization  
Folsom Dam (Calif.)  
Grass Valley Dam (Calif.)  
Grizzly Valley Dam (Calif.)  
Hydroelectric power plants -- California  
Lost Creek Dam (Calif.)  
Matilija Dam (Calif.)  
Miners Ranch Reservoir (Calif.)  
Oakdale Irrigation District (Calif.)  
Oroville-Wyandotte Irrigation District (Calif.)  
Ponderosa Dam (Calif.)  
Richvale Irrigation District (Calif.)  
South San Joaquin Irrigation District (Calif.)  
Stanislaus River (Calif.) -- Power utilization  
Tulloch Dam (Calif.)  
Water resources development -- California  
Water-power -- California  
Wyandotte Dam (Calif.)  
Yuba County Water District (Calif.)

**Genres and Forms of Materials**

Maps  
Photographs  
Reports

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**Series 1. California - General 1922-1936**

**Series Scope and Contents**

U.S.G.S. topographic maps, many with holograph annotations showing dams, reservoirs, power houses, etc. and a publication.

Box 1, Folder 1

**Maps 1922-1936**

**Scope and Contents**

U.S.G.S. topographic maps of Yosemite, Siskiyou County, Preston Peak Quadrangle, Klamath National Forest, Sawyer's Bar Quadrangle, California.

Box 1, Folder 2

**Maps undated**

**Scope and Contents**

Annotated U.S.G.S. topographic maps of Angeles National Forest, Butte Creek, "Cleveland" San Diego County, Consumnes River, Mokelumne River, Calaveras River, Kern River, and Kings River.

Box 1, Folder 3

**Maps undated**

**Scope and Contents**

Annotated U.S.G.S. topographic maps of Lassen Park, Owens River, Sacramento River, Pit River, Cow Creek, Battle Creek, Santa Barbara County, and Trinity River.

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Box 1, Folder 4	<b>Bonner, Frank E. Report to the Federal Power Commission on the Water Powers of California. Washington: U.S. Govt. Printing Office, 1928.</b> <b>Scope and Contents</b> Publication includes maps.
Box 27	<b>Bechtel Corporation. East Bay Municipal Utility District Part VII Project : Drawings for Camanche Dam Mokelumne River Project. January 1962</b> <b>Series 2. Oakdale and South San Joaquin Irrigation Districts 1921-1960</b> <b>Series Scope and Contents</b> Aerial photographs, applications, charts, clippings, cost estimates, graphs, maps, notebooks, photographs, reports, research notes, tables, and worksheets.

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	<b>Sub-Series 2.1. Stanislaus River Project - General 1921-1960</b> <b>Sub-Series Scope and Contents</b> Applications, charts, graphs, notebooks, reports, research notes, tables, and worksheets.
Box 1, Folder 5	<b>License Application of Oakdale and South San Joaquin Irrigation Districts California. July 30, 1948</b>
Box 1, Folder 6	<b>Application for License by Oakdale and South San Joaquin Irrigation Districts for Tulloch Project. 1950</b>
Box 1, Folder 7	<b>Application for Amendment of License of Oakdale and South San Joaquin Irrigation Districts Project 2005. May 3, 1950</b>
Box 1, Folder 8	<b>Notebook 1948</b>
Box 2	<b>Tri-Dam Operation Studies 1949</b> <b>Scope and Contents</b> Notebook.
Box 2	<b>Notebook 1949</b>
Box 2	<b>Notebook 1950</b>
Box 2	<b>Notebook 1960</b>
Box 2	<b>Report 1948</b>
Box 2	<b>Bonner, F.E. OSSID Diversion Dams. September 6, 1949</b>
Box 2	<b>Bonner, F.E. Report to Oakdale and South San Joaquin Irrigation Districts on OSSID Project. September 23, 1949</b>
Box 2	<b>Hartley, H.E. Report Covering General Conditions and Storage Needs of the Oakdale Irrigation District. February 20, 1950</b>
Box 2, Folder 9	<b>Stivers, T.P. Report on the South San Joaquin Irrigation District. February 1950</b>
Box 2, Folder 10	<b>Bonner, F.E. Memorandum on Output of Stanislaus Project. September 1, 1950</b>
Box 2, Folder 11	<b>Bonner, F.E. Report to Oakdale and South San Joaquin Irrigation Districts on Donnell's Project Output. October 22, 1951</b>
Box 3	<b>Research notes 1950</b>
Box 3	<b>Tables 1948-1950</b>
Box 3	<b>Tables undated</b>
Box 3	<b>Worksheets 1921-1951</b>
Box 28	<b>Oakdale Irrigation District and South San Joaquin Irrigation District. Tri-Dam Project : Drawings for Schedule No. III Donnell's Power Plant and Appurtenances. January 30, 1953</b>
Box 28	<b>Oakdale Irrigation District and South San Joaquin Irrigation District. Tri-Dam Project : Drawings for Schedule No. IV Beardsley Dam, Power Plant, Afterbay Dam, and Appurtenances. January 30, 1953</b>
Box 29	<b>Donnell's Project and Tulloch Project 1949-1951</b> <b>Physical Description:</b> 26 Sheets <b>Scope and Contents</b> Original tracings on linen and paper.

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**Sub-Series 2.2. Stanislaus River Project - Components 1944-1951**

**Sub-Series Scope and Contents**

Aerial photographs, correspondence, cost estimates, maps, news clippings, photographs, reports, research notes, and tables.

- Box 3                    **Beardsley Dam 1947-1948**  
                              **Scope and Contents**  
                              Notebook.
- Box 3                    **Bonner, F.E. Memorandum for Mr. Hartley. November 20, 1947**  
                              **Scope and Contents**  
                              Beardsley Dam report.
- Box 3                    **Marliave, Chester. Preliminary Geological Report on Beardsley Dam Site Located Across Middle Fork Stanislaus River in Tuolumne County, California for Oakdale and South San Joaquin Irrigation Districts. May 4, 1949**
- Box 3                    **Donnell's Dam Site 1944**  
                              **Scope and Contents**  
                              Aerial photographs.
- Box 3                    **Donnell's Dam Site 1950-1951**  
                              **Scope and Contents**  
                              Maps, research notes, and tables.
- Box 4                    **Marliave, Chester. Geological Report on Donnell's Flat Dam Site Located Across Middle Fork of Stanislaus River in Tuolumne County, California for Oakdale and South San Joaquin Irrigation Districts. December 10, 1950**  
                              **Scope and Contents**  
                              Report includes diagrams, annotated maps, and photographs.
- Box 4                    **Lily Creek Powerhouse Site 1950**  
                              **Scope and Contents**  
                              Photographs with captions.
- Box 4                    **Tri-Dam Project 1947-1951**  
                              **Scope and Contents**  
                              Notebook includes correspondence, diagrams, news clippings, reports, and tables.
- Box 4                    **Tulloch Dam Site 1944**  
                              **Scope and Contents**  
                              Aerial photographs.
- Box 4                    **Marliave, Chester. Preliminary Geological Report on Tulloch Dam Site Located across Stanislaus River by Calaveras and Tuolumne Counties, California for Oakdale and South San Joaquin Irrigation Districts. May 14, 1949**  
                              **Scope and Contents**  
                              Report includes photographs with captions.
- Box 4                    **Tulloch Project 1950-1951**  
                              **Scope and Contents**  
                              Cost estimates.
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Box 4 **United States Federal Power Commission 1949-1951**  
**Scope and Contents**  
Correspondence.

**Series 3. Oroville-Wyandotte Irrigation District 1922-1963**

**Series Scope and Contents**

Addendum, aerial photographs, application forms, bid forms, blueprints, contracts, cost estimates, hearings, news clippings, notebooks, photographs, plans, plates, and reports.

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**Sub-Series 3.1. Feather River Project - General 1950-1963**

**Sub-Series Scope and Contents**

Addendum, application forms, bid forms, contracts, cost estimates, hearings, news clippings, notebooks, photographs, plans, and reports.

Box 4 **Addendum 1959**

Box 4 **Applications to appropriate unappropriated water 1950-1951**

**Scope and Contents**

Application forms.

Box 4 **Application by Oroville-Wyandotte Irrigation District for License from Federal Power Commission. 1951**

Box 4 **Application by Oroville-Wyandotte Irrigation District for License from Federal Power Commission. 1951**

Box 4, Folder 12 **Application research data 1951**

Box 4, Folder 13 **Before the Federal Power Commission F.P.C. License No. 2088 of Oroville-Wyandotte Irrigation District Application for Amendment of Plans. March 9, 1960**

Box 4, Folder 14 **Bid forms 1959**

Box 5 **Contracts 1959-1960**

Box 5 **Contracts 1960**

Box 5 **Cost estimates 1950-1960**

Box 5 **Hearings 1950-1953**

Box 5 **Hearings 1955**

Box 5 **Hearings 1955**

Box 5 **Hearings 1957-1961**

Box 5 **Miscellaneous data 1950**

Box 5 **News clippings 1950-1959**

Box 5 **News clippings 1960**

Box 5 **News clippings 1960-1963**

Box 6 **Notebook 1950-1959**

**Scope and Contents**

Contains correspondence, diagrams, hearings, licenses, and reports.

Box 6 **Notebook 1952-1958**

**Scope and Contents**

Contains cost estimates and diagrams.

Box 6 **Notebook 1953-1956**

**Scope and Contents**

Contains cost estimates, news clippings, and reports.

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Box 6	<b>Notebook 1954</b> <b>Scope and Contents</b> Contains cost estimates and reports.
Box 6	<b>Notebook 1955</b> <b>Scope and Contents</b> Contains cost estimates, diagrams, and an annotated U.S.G.S. topographic map.
Box 6	<b>Operation Studies 1957-1958</b>
Box 6	<b>Photographs undated</b>
Box 7	<b>Photographs undated</b>
Box 7	<b>Plans 1958</b>
Box 7	<b>Agreement between Oroville-Wyandotte Irrigation District and Yuba County Water District. March 22, 1958</b>
Box 7	<b>Report 1950</b>
Box 7, Folder 5-7	<b>Bonner, F. E. Oroville-Wyandotte Irrigation District South Fork Project. November 21, 1950</b>
Box 7	<b>Harper, Harry A. Oroville-Wyandotte Irrigation District South Fork of Feather River Project Cost Estimate of Tunnel Alternate on M.R. Ditch. May 5, 1952</b>
Box 7	<b>Bonner, F.E. OWID Forbestown Afterbay. January 31, 1953</b>
Box 7	<b>Norris, S. J. Preliminary Report on Proposed Development of Water Resources of the South Fork of Feather River and Contiguous Areas for Power and Irrigation. March 1, 1954</b>
Box 8	<b>Norris, S.J. Memorandum on Review by Division of Water Resources of Plan Development for South Fork Feather River. September 30, 1954</b>
Box 8	<b>Bonner, F.E. Comment on DWR Report of 12/15/54 South Fork of Feather River Development. December 30, 1954</b>
Box 8	<b>Reports 1955-1956</b>
Box 8	<b>Bonner, F.E. Report for Oroville-Wyandotte Irrigation District on Proposed Water and Power Development of South Fork of Feather River California. June 10, 1958</b>
Box 8	<b>Bonner, F.E. Report for Oroville-Wyandotte Irrigation District on Proposed Water and Power Development of South Fork of Feather River California. June 10, 1958</b>
Box 8	<b>Bonner, F.E. Report for Oroville-Wyandotte Irrigation District on Proposed Water and Power Development of South Fork of Feather River California. June 10, 1958</b>
Box 8	<b>Bonner, F.E. OWID South Fork Project. June 10, 1958</b>
Box 8	<b>State of California Department of Water Resources. Report on Proposed Oroville-Wyandotte Irrigation District Water and Power Development on South Fork of Feather River. September 1958</b>
Box 9	<b>State of California Department of Water Resources. Report on Proposed Oroville-Wyandotte Irrigation District Water and Power Development on South Fork of Feather River. September 1958</b>
Box 9	<b>Report 1958</b>
Box 9	<b>Report 1958</b>
Box 9	<b>Bechtel Corporation. Engineering Feasibility Report on the South Fork Project. April 5, 1960</b>
Box 9	<b>Research notes 1959</b>
Box 9	<b>Revenue Bonds 1960</b>
Box 9	<b>Tables 1950-1960</b>
Box 9	<b>Working papers undated</b>
Box 26	<b>Bechtel Corporation. Oroville-Wyandotte Irrigation District Oroville, California South Fork Project : Drawings for All Schedules. March 16, 1959</b>
Box 27	<b>Bechtel Corporation. Oroville-Wyandotte Irrigation District Oroville, California South Fork Project : Drawings for All Schedules. March 16, 1959</b>
Box 27	<b>Bechtel Corporation. Oroville-Wyandotte Irrigation District Oroville, California : Drawings for Construction of the South Fork Project. March 1960</b>

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**Sub-Series 3.2. Feather River Project - Components 1922-1958**

**Sub-Series Scope and Contents**

Aerial photographs, arch stress calculations, blueprints, correspondence, designs, photographs, plates, and reports.

Box 9

**Arch dams 1952-1958**

**Scope and Contents**

Designs and stress calculations.

Box 9

**Bidwell Bar 1948**

**Scope and Contents**

Aerial photographs.

Box 9

**Canyon Creek 1953**

**Scope and Contents**

Correspondence and designs.

Box 9

**Dams 1958**

**Scope and Contents**

Arch stress calculations and designs.

Box 9

**Harper, H.A. Report of Investigation of Damsite Foundation. November 12, 1951**

**Scope and Contents**

Includes photographs.

Box 9

**Forbestown Powerhouse Diversion Dam undated**

**Scope and Contents**

Photographs.

Box 10

**Grass Valley Dam 1941**

**Scope and Contents**

Aerial photographs.

Box 10

**Grass Valley Dam 1950-1954**

**Scope and Contents**

Plates.

Box 10

**Grizzly Creek Carlisle Mine 1948**

**Scope and Contents**

Aerial photographs.

Box 10

**Honcut Creek 1948**

**Scope and Contents**

Aerial photographs.

Box 10

**Kelly Ridge Powerhouse 1953**

**Scope and Contents**

Plates.

Box 10

**Lost Creek Dam 1948**

**Scope and Contents**

Aerial photographs.



Box 10	<b>Lost Creek Dam 1948</b> <b>Scope and Contents</b> Aerial photographs.
Box 10	<b>Lost Creek Dam 1948</b> <b>Scope and Contents</b> Aerial photographs.
Box 10	<b>Lost Creek Dam and Grass Valley Dam 1948</b> <b>Scope and Contents</b> Aerial photographs.
Box 10	<b>Lost Creek Dam 1922-1923</b> <b>Scope and Contents</b> Blueprints.
Box 10 Box 10	<b>Lost Creek Reservoir 1958</b> <b>Lost Creek Reservoir 1958</b> <b>Scope and Contents</b> Plans.
Box 10	<b>Miners Ranch Canal 1953-1954</b> <b>Scope and Contents</b> Financial analysis, plates, report, and survey description.
Box 10 Box 10, Folder 15	<b>Bonner, F.E. Oroville-Wyandotte Irrigation District MR Canal.August 19, 1953</b> <b>Miners Ranch Canal undated</b> <b>Scope and Contents</b> Federal regulations.
Box 10, Folder 16 Box 10, Folder 17	<b>Harper, H.A. Report of Investigation of Miners Ranch Damsite.October 10, 1952</b> <b>Miners Ranch Ditch 1952</b> <b>Scope and Contents</b> Cost estimates.
Box 10, Folder 18	<b>Miners Ranch Reservoir 1958</b> <b>Scope and Contents</b> Plates.
Box 10, Folder 19	<b>Palermo Ditch 1948</b> <b>Scope and Contents</b> Aerial photographs.
Box 10, Folder 20	<b>Ponderosa Dam 1948</b> <b>Scope and Contents</b> Aerial photographs.
Box 10, Folder 21	<b>Ponderosa Dam 1953</b> <b>Scope and Contents</b> Cost estimates.

Box 10, Folder 22	<b>Slate Creek Dam 1950-1952</b> <b>Scope and Contents</b> Arch stresses and cost estimates.
Box 10, Folder 23	<b>Harper, H.A. South Fork Feather River Project Investigation of Rock Quarry Sly Creek Damsite. April 28, 1952</b>
Box 11	<b>Wyandotte Dam 1948</b> <b>Scope and Contents</b> Aerial photographs.
Box 11	<b>Wyandotte Dam 1951-1954</b> <b>Scope and Contents</b> Cost estimates and drawings.

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**Series 4. Richvale Irrigation District 1886-1967**

**Series Scope and Contents**

Aerial photographs, applications, briefs, correspondence, cost estimates, exhibits, hearings, maps, memorandums, news clippings, notebooks, petitions, press releases, publications, reports, statements, summaries, tables, and worksheets.

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**Sub-Series 4.1. Feather River Project - General 1886-1967**

**Series Scope and Contents**

Applications, briefs, correspondence, cost estimates, exhibits, hearings, maps, news clippings, notebooks, petitions, press releases, publications, reports, statements, tables, and worksheets.

Box 11	<b>Applications to appropriate unappropriated water 1953</b>
Box 11	<b>Applications 1953-1962</b>
Box 11	<b>Applications 1962</b>
Box 11	<b>Briefs 1961</b>
Box 11	<b>Correspondence 1950-1958</b>
Box 11	<b>Correspondence 1959-1960</b>
Box 11	<b>Correspondence 1961</b>
Box 11	<b>Correspondence 1962-1963</b>
Box 11	<b>Cost estimates 1951-1960</b>
Box 12	<b>Cost estimates 1961-1962</b>
Box 12	<b>Exhibits 1961</b>
Box 12	<b>Exhibits 1963</b>
Box 12	<b>Hearings 1950</b>
Box 12	<b>Hearings 1954-1961</b>
Box 12	<b>Hearings January - June 1962</b>
Box 12	<b>Hearings July - December 1962</b>
Box 12	<b>Hearings 1963</b>
Box 12	<b>Maps 1886-1955</b>
Box 13	<b>Maps 1956-1962</b>
Box 13	<b>Miscellaneous 1953-1962</b> <b>Scope and Contents</b> Article, meeting notices, Senate bills, and summaries.
Box 13	<b>News clippings 1952, 1959</b>
Box 13	<b>News clippings 1961-1963</b>
Box 13	<b>Notebook 1954</b> <b>Scope and Contents</b> Contains correspondence, reports, plates, and tables.

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Box 13	<b>Notebook 1956-1962</b> <b>Scope and Contents</b> Contains plates, tables, and worksheets.
Box 13	<b>Notebook 1962-1963</b> <b>Scope and Contents</b> Contains correspondence, and reports.
Box 13	<b>Notebook 1962-1967</b> <b>Scope and Contents</b> Contains reports.
Box 13	<b>Notebook 1963</b> <b>Scope and Contents</b> Contains exhibits.
Box 13	<b>Notebook 1963</b> <b>Scope and Contents</b> Contains exhibits.
Box 14	<b>Petitions 1953-1954</b>
Box 14	<b>Press Releases 1953</b>
Box 14	<b>Westinghouse Electric Corporation. Westinghouse Vertical Water Wheel Synchronous Generators. February 1950</b>
Box 14	<b>State of California Department of Water Resources Division of Resources Planning. Investigation of Upper Feather River Basin Development. February 1957</b>
Box 14	<b>Weber, Charles M. A Modified Plan for Development of the Water and Power Resources of the Feather River Basin. January 20, 1958</b>
Box 14	<b>Carroll E. Bradberry and Associates. Reservoir Effects on Temperature Middle Fork Feather River, Clio to Nelson Point Reservoir. 1961</b>
Box 14	<b>Carroll E. Bradberry and Associates. Streamflow Accretions Middle Fork Feather River Clio to Bidwell Bar. 1961</b>
Box 14	<b>Reports 1949-1963</b>
Box 14	<b>Harper, Harry A. Report of Reconnaissance Geology. March 23, 1953</b>
Box 14	<b>Report 1953-1959</b>
Box 14,	<b>Bonner, F.E. Proposed Development of Middle Feather River California by Richvale</b>
Folder 11-12	<b>Irrigation District. March 21, 1956</b>
Box 14	<b>McHuron, Clark E. Report of Preliminary Reconnaissance Geologic Field Trip for the Development of the Middle Fork of the Feather River, California. February 1958</b>
Box 14	<b>State of California Dept. of Water Resources. Impairment of Middle Feather Runoff. July 24, 1961</b>
Box 14	<b>Vaughan, Tim M. A Preliminary Report on the Fishery and Recreational Potential of the Middle Fork of the Feather River with Proposed Richvale Irrigation District Development. September 10, 1961</b>
Box 14	<b>Reports 1961</b>
Box 15, Folder 1-2	<b>Bonner, F.E. Middle Feather Project of Richvale and Associated Districts Report on Channel Releases. August 8, 1962</b>
Box 15	<b>Miscellaneous reports 1962</b>
Box 15	<b>Miscellaneous reports 1962-1963</b>
Box 15	<b>Statements before the State of California State Water Rights Board 1950-1959</b>
Box 15	<b>Statements before the State of California State Water Rights Board 1960-1961</b>
Box 15	<b>Tables 1959-1960</b>
Box 15	<b>Tables 1961</b>
Box 15	<b>Tables 1962-1963</b>

Box 15                            **Worksheets 1951**  
Box 15                            **Worksheets 1958-1961**

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**Sub-Series 4.2. Feather River Project - Components 1941-1963**

**Sub-Series Scope and Contents**

Aerial photographs, correspondence, cost estimates, exhibits, maps, memorandums, news clippings, plans, publications, reports, and summaries.

Box 16                            **Bald Rock Damsite 1952-1961**  
   **Scope and Contents**  
   Maps, and report.

Box 16                            **Clair Hill 1948-1956**  
   **Scope and Contents**  
   Aerial photographs.

Box 16                            **Durrell, Cordell. Report to the Board of Directors of the Richvale Irrigation District on the Geologic Conditions Surrounding the Proposed Damsite at Clio, California. January 1953**

Box 16                            **Clio Reservoir 1962**  
   **Scope and Contents**  
   Cost estimate and memorandum.

Box 16                            **Dams 1953**  
   **Scope and Contents**  
   Arch stresses.

Box 16                            **Dams 1957-1960**  
   **Scope and Contents**  
   Notebook includes memos, reports, and summaries.

Box 16                            **Dams 1959**  
   **Scope and Contents**  
   Tunnel and penstock layouts.

Box 16                            **Dams 1960**  
   **Scope and Contents**  
   Notebook includes correspondence and reports.

Box 16                            **Dams 1960**  
   **Scope and Contents**  
   Notebook includes correspondence and reports.

Box 16                            **Flood Flow 1954-1961**  
   **Scope and Contents**  
   Correspondence and publications.

Box 16                            **Forest Service 1960-1962**  
   **Scope and Contents**  
   Correspondence, memos.

- Box 16                    **Frenchman Dam 1963**  
                                 **Scope and Contents**  
                                 Summary.
- Box 16                    **California State Department of Water Resources.Division of Resources Planning.**  
Box 17                    **Geologic Report on Grizzly Valley Dam Site on Big Grizzly Creek.1957**  
Box 17                    **Hartman Arch Dam 1962**  
                                 **Scope and Contents**  
                                 Arch stresses, cost estimates, and plans.
- Box 17                    **Oroville Dam 1951-1961**  
                                 **Scope and Contents**  
                                 Exhibits.
- Box 17                    **Reservoirs 1941-1961**  
                                 **Scope and Contents**  
                                 Aerial photographs, annotated U.S.G.S. maps.
- Box 17                    **Sierra Valley 1952-1963**  
                                 **Scope and Contents**  
                                 Correspondence and discharge calculations.
- Box 17                    **Sierra Valley 1963**  
                                 **Scope and Contents**  
                                 Plates and streamflow records.
- Box 17                    **State Department of Fish and Game 1960-1961**  
                                 **Scope and Contents**  
                                 Correspondence and reports.
- Box 17                    **State Department of Water Resources 1958-1959**  
                                 **Scope and Contents**  
                                 Correspondence and memos.
- Box 17                    **State Department of Water Resources 1960-1962**  
                                 **Scope and Contents**  
                                 Correspondence, exhibits, news clippings, and resolutions.
- Box 17                    **Water Rights 1953-1956**  
                                 **Scope and Contents**  
                                 Applications and correspondence.

**Series 5. Sacramento Municipal Utility District 1926-1961**

**Series Scope and Contents**

Aerial photographs, applications, arch stresses, blueprints, brochures, calculations, charts, correspondence, cost estimates, diagrams, maps, exhibits, memorandums, news clippings, notebooks, photographs, plans, plates, reports, review notes, summaries, tables, and worksheets.

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**Sub-Series 5.1. American River Project - General 1927-1961**

**Sub-Series Scope and Contents**

Applications, clippings, correspondence, cost estimates, exhibits, maps, notebooks, photographs, plates, publications, reports, tables, and worksheets.

Box 17	<b>Applications 1948-1957</b>
Box 18	<b>Correspondence 1954</b>
Box 18	<b>Correspondence 1955-1957</b>
Box 18	<b>Cost estimates 1954-1955</b>
Box 18	<b>Exhibits 1956</b>
Box 18	<b>Exhibits 1956</b>
Box 18	<b>Exhibits 1956</b>
Box 18	<b>Maps undated</b>
Box 18	<b>News clippings 1947-1958</b>
Box 18	<b>Notebook 1948-1953</b>
	<b>Scope and Contents</b>
	Contains worksheets.
Box 18	<b>Notebook 1948-1953</b>
	<b>Scope and Contents</b>
	Contains cost estimates and maps.
Box 18	<b>Photographs 1961</b>
Box 19	<b>Plates 1949-1957</b>
Box 19	<b>Donald R. Warren Co. Ventura County Flood Control District Zone One Flood Control and Water Conservation.1945</b>
Box 19	<b>Office of the City Engineer, City of Sacramento. A Water Supply for Sacramento from the American River Discussion of a Possible Contract with the United States Bureau of Reclamation.April 1957</b>
Box 19	<b>Cost Estimates American River Hydro,1952</b>
Box 19	<b>Bonner, F.E. American River Development Sacramento-SMUD Cooperation.October 20, 1954</b>
Box 19, Folder 6-7	<b>Bonner, F.E. Sacramento Municipal Utility District on Upper American River Project.September 15, 1955</b>
	<b>Scope and Contents</b>
	Report includes cost estimates, plates, and tables.
Box 20, Folder 1-3	<b>Bonner, F.E. Sacramento Municipal Utility District on Upper American River Project.September 15, 1955</b>
	<b>Scope and Contents</b>
	Report includes cost estimates, plates, and tables.
Box 20	<b>Longwell, John S., Marliave, Chester,and I.C. Steele. Sacramento Municipal Utility District Report on Upper American River Project.November 1955</b>
	<b>Scope and Contents</b>
	Report includes cost estimates and plates.
Box 20	<b>Bonner, F.E. Plans Being Worked Out for Comprehensive Utilization of Water Resources of the American River Basin by the Sacramento Utility District.December 8, 1955</b>
	<b>Scope and Contents</b>
	Report includes tables and plates.

Box 20	<b>Steele, I.C., Longwell, J.S.,and F.E. Bonner. Sacramento Municipal Utility District Report on Substitute Plan American River Basin.October 26, 1956</b> <b>Scope and Contents</b> Report includes cost estimates and tables.
Box 21	<b>Steele, I.C., Longwell, J.S.,and F.E. Bonner. Sacramento Municipal Utility District Report on Substitute Plan American River Basin.October 26, 1956</b> <b>Scope and Contents</b> Report includes cost estimates and tables.
Box 21	<b>Sacramento Municipal Utility District. Summary of Modified Plan for Development of the American River Basin.June 25, 1957</b> <b>Scope and Contents</b> Report includes annotated maps.
Box 21	<b>Sacramento Municipal Utility District. Upper American River Project.undated</b>
Box 21	<b>Review notes 1958</b>
Box 21	<b>Tables 1954</b>
Box 21	<b>Tables 1955-1957</b>
Box 21	<b>Worksheets 1927-1935</b>
Box 21	<b>Worksheets 1954-1955</b>
Box 21	<b>Worksheets 1956</b>

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**Sub-Series 5.2. American River Project - Components 1926-1961**

**Sub-Series Scope and Contents**

Aerial photographs, arch stresses, blueprints, brochures, calculations, charts, cost estimates, diagrams, maps, memorandums, news clippings, notebooks, plans, plates, reports, summaries, and tables.

Box 21	<b>Auburn Dam 1947-1954</b> <b>Scope and Contents</b> Charts and diagrams.
Box 21	<b>Camanche Dam 1958-1962</b> <b>Scope and Contents</b> News clippings.
Box 21	<b>Bonner, F.E. Report to Federal Power Commission in Mokelumne River Situation.April 20, 1926</b>
Box 21	<b>Camino Dam undated</b> <b>Scope and Contents</b> Report includes cost estimates.
Box 21	<b>Colma Reservoir 1927-1954</b> <b>Scope and Contents</b> Maps, memos, and tables.
Box 21	<b>Dams 1952</b> <b>Scope and Contents</b> Aerial photograph and arch stresses.
Box 21	<b>Folsom Dam 1957</b> <b>Scope and Contents</b> Notebook includes applications, exhibits, reports, and tables.

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- Box 22                    **Folsom Dam 1957**  
                                 **Scope and Contents**  
                                 Notebook includes cost estimates, exhibits, and reports.
- Box 22, Folder 2-3      **Bonner, F.E. Folsom Power. February 28, 1949**  
                                 **Scope and Contents**  
                                 Report includes House of Representatives Bill, plates, and tables.
- Box 22                    **Folsom Reservoir 1954-1957**  
                                 **Scope and Contents**  
                                 Brochures, maps, plates, and tables.
- Box 22                    **Georgetown 1954-1955**  
                                 **Scope and Contents**  
                                 Cost estimates and memorandums.
- Box 22                    **Georgetown 1912-1953**  
                                 **Scope and Contents**  
                                 Plan includes blueprints and tables.
- Box 22                    **Georgetown 1954-1956**  
                                 **Scope and Contents**  
                                 Plan includes maps and tables.
- Box 22                    **Bonner, F.E. Georgetown Divide Irrigation Pump Lift Plan. November 15, 1953**  
                                 **Scope and Contents**  
                                 Report includes tables and plates.
- Box 22                    **Sacramento Municipal Utility District. A Plan for Developing an Alternate Water Supply for Georgetown Divide Public Utility District. November 1956**  
                                 **Scope and Contents**  
                                 Report includes cost estimates, tables, and plates.
- Box 22                    **Fowler, Frederick Hall. Appraisal of Plant and Equipment Gilmore Oil Company, Ltd. and Affiliated Companies. October 1, 1929**
- Box 22                    **Kelsey Dam 1954-1957**  
                                 **Scope and Contents**  
                                 Arch stresses.
- Box 22                    **Ice House Dam 1952-1956**  
                                 **Scope and Contents**  
                                 Cost estimates, plates, reports, and tables.
- Box 22                    **Ice House Dam 1956-1961**  
                                 **Scope and Contents**  
                                 Brochures, cost estimates, maps, plates, reports, and tables.
- Box 22                    **Steele, I.C. Feasibility of Constructing 500-Foot Rockfill Type Dam Junction Dam Silver Creek, California. February 24, 1956**  
                                 **Scope and Contents**  
                                 Memorandum.
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Box 22	<b>Matilija Dam 1948</b> <b>Scope and Contents</b> Maps.
Box 23	<b>Matilija Dam 1948-1949</b> <b>Scope and Contents</b> News clippings.
Box 23	<b>Matilija Dam undated</b> <b>Scope and Contents</b> Notebook includes articles, blueprints, correspondence, and photographs.
Box 23	<b>Bonner, F.E. Memorandum Re Matilija Dam - Ventura County. May 25, 1949</b> <b>Scope and Contents</b> Report includes plates.
Box 23	<b>Middle Fork 1955-1957</b> <b>Scope and Contents</b> Blueprints and calculations.
Box 23	<b>Pilot Creek Reservoir 1954-1956</b> <b>Scope and Contents</b> Plates and tables.
Box 23	<b>Bonner, F.E. Pilot Creek Reservoir Studies. September 18, 1956</b> <b>Scope and Contents</b> Report includes plates and tables.
Box 23	<b>Power Plants 1951-1957</b> <b>Scope and Contents</b> Cost estimates and map.
Box 23	<b>Rubicon Dam 1950-1956</b> <b>Scope and Contents</b> Maps and tables.
Box 23	<b>Bonner, F.E. Rubicon-Silver Creek Project Supplement to Report of July 24, 1950. July 18, 1951</b> <b>Scope and Contents</b> Report includes maps and plates.
Box 23	<b>Rubicon River 1956-1958</b> <b>Scope and Contents</b> Cost estimates, maps, news clippings, plates, and reports.
Box 23	<b>Bonner, F.E. Sacramento Municipal Utility District Rulsil Rubicon-Silver Creek Project. July 1950</b> <b>Scope and Contents</b> Report includes cost estimates, plates, and tables.
Box 23	<b>Salmon Falls Dam undated</b> <b>Scope and Contents</b> Calculations and maps.

- Box 23                    **Bonner, F.E. Silver Creek Project. June 25, 1949**  
                                 **Scope and Contents**  
                                 Report includes plates and tables.
- Box 23                    **Bonner, F.E. Supplemental Report Silver Creek Project. July 18, 1951**  
                                 **Scope and Contents**  
                                 Report includes cost estimates, maps, and plates.
- Box 23                    **Slab Dam 1952**  
                                 **Scope and Contents**  
                                 Calculations and cost estimates.
- Box 24                    **Silver Fork 1959**  
                                 **Scope and Contents**  
                                 Maps.
- Box 24                    **Silver Fork 1952-1956**  
                                 **Scope and Contents**  
                                 Notebook includes calculations, cost estimates, plates, and tables.
- Box 24                    **Sly Park Dam 1953**  
                                 **Scope and Contents**  
                                 Cost estimates.
- Box 24                    **Union Valley 1951-1956**  
                                 **Scope and Contents**  
                                 Calculations, maps, plates, and summaries.
- Box 24                    **White Rock 1952-1955**  
                                 **Scope and Contents**  
                                 Blueprints, cost estimates, and tables.

**Series 6. Yuba County Water District 1872-1962**

**Series Scope and Contents**

Articles, correspondence, cost estimates, diagrams, exhibits, hearings, maps, news clippings, plates, reports, summaries, and tables.

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**Sub-Series 6.1. Feather River - General 1954-1962**

**Sub-Series Scope and Contents**

Exhibits, hearings, news clippings, and reports.

- Box 24                    **Exhibit 1954**  
                                 **Scope and Contents**  
                                 Includes correspondence.
- Box 24                    **Exhibit 1957**
- Box 24                    **Hearings 1958**
- Box 24                    **News clippings 1954-1962**

- Box 24                    **T.H. McGuire and Son - Consulting Engineers. A Report of the Irrigation and Hydro-Electric Potentialities of Upper Yuba and Butte Counties. January 1953**  
                                 **Scope and Contents**  
                                 Report includes maps, photographs, plates, and tables.
- Box 24                    **T.H. McGuire and Son - Consulting Engineers. Comments on Division of Water Resources Report of November 1955 Feather-Yuba River Project Yuba County Water District. November 1955**  
                                 **Scope and Contents**  
                                 Report includes cost estimates.
- Box 24                    **T.H. McGuire and Son - Consulting Engineers and Earnest A. Bailey. A Plan for Development of the Feather - Yuba Project. November 1957**  
                                 **Scope and Contents**  
                                 Report includes maps and tables.
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**Sub-Series 6.2. Feather River - Components 1872-1956**

**Sub-Series Scope and Contents**

Articles, correspondence, cost estimates, diagrams, maps, plates, reports, summaries, and tables.

- Box 25                    **Canyon Creek 1946-1951**  
                                 **Scope and Contents**  
                                 Maps.
- Box 25                    **Cyclic rainfall 1872-1954**  
                                 **Scope and Contents**  
                                 Articles, plates, and tables.
- Box 25                    **Littlefield, T.R. Report of Dam Site Surveys District 5-California. 1928**  
                                 **Scope and Contents**  
                                 Report includes memorandums and plates.
- Box 25                    **Dry Creek 1953-1957**  
                                 **Scope and Contents**  
                                 Calculations, correspondence, cost estimates, and tables.
- Box 25                    **Dry Creek 1909-1953**  
                                 **Scope and Contents**  
                                 Maps.
- Box 25                    **Flood 1955-1956**  
                                 **Scope and Contents**  
                                 Articles and calculations.
- Box 25                    **New York Flat Reservoir 1954**  
                                 **Scope and Contents**  
                                 Correspondence, maps, and summaries.
- Box 25                    **Trinity River calculations and diagrams undated**
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