Inventory of the Barrett and Morena Dams Collection, 1918-1934

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Inventory of the Barrett and Morena Dams Collection, 1918-1934

Collection number: MS 76/9

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Date Completed
June 2001

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Descriptive Summary

Title: Barrett and Morena Dams Collection,

Date (inclusive): 1918-1934

Collection number: MS 76/9

Creator: Savage, H. N. (Hiram Newton), 1861-1934

Extent: 1 linear ft. (2 boxes)

Repository: Water Resources Collections and Archives
Riverside, CA 92517-5900

Shelf location: Water Resource Center Archives

Abstract: Collection of materials pertaining to Barrett Dam and Morena Dam, both on Cottonwood Creek in San Diego County.

Language: English.

Provenance

Originally part of the files of H. N. Savage donated to the Water Resources Collections and Archives by Paul Beerman in 1963.

Access

Collection is open for research.

Publication Rights

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Preferred Citation

[Identification of item], Barrett and Morena Dams Collection, MS 76/9, Water Resources Collections and Archives, University of California, Riverside.
Access Points
Barrett Dam (Calif.)
Morena Dam (Calif.)
Morena Reservoir (Calif.)
Dams--California--Cottonwood Creek (San Diego County)--Design and construction.
Water-supply--California--San Diego.
Water-supply engineering--California--San Diego County.

Scope and Content
Collection of materials compiled by H. N. Savage pertaining to Barrett Dam and Morena Dam, both on Cottonwood Creek in San Diego County. Includes a chronological history of the construction of Barrett Dam, 1918-1923, data on bonds and finance, specifications, reports, and information regarding the enlargement of Morena Reservoir.

Title: Savage (Hiram N.) Papers
Identifier/Call Number: WRCA SAVAGE
Title: Savage (Hiram N.) Photographs
Identifier/Call Number: WRCA MS 76/16
Contributing Institution: Water Resources Collections and Archives

Box 1
Barrett Dam, 1918-1923

History

Finance

Construction

Miscellaneous

Box 2
Morena Dam, 1921-1934
Barrett Dam, 1918-1923

History

Box Box 1,
Folder 1
Folder 2
Folder 3
Folder 4
Folder 5
Folder 6
Folder 7
Chronological history, construction of Barrett Dam and essential features, 1918-1921.
Exhibits, 1918-1921.
Exhibit 1: Maps showing location of dam in relation to City water system, 1919.
Physical Description: 2 blueprint maps.
Exhibit 2: Photograph of the dam site before construction was commenced, 1919 May 16.
Exhibit 3: Plan and sections showing impounding capacity, 1920 Dec. 20.
Exhibit 4: Letter to San Diego City Council ("Common Council") presenting resolution adopted at meeting held August 21, 1918, 1918 Aug. 24.
Folder 8  Exhibit 6: Report of Hydraulic Engineer to City Council regarding survey and investigation of Barrett Dam and dam site with conclusions, recommendations for a dam, and estimate of cost, 1919 July 2.

Folder 9  Exhibit 7: Copy of Resolution no. 24847 passed by City Council authorizing construction of Barrett Dam, 1919 Sept. 15.

Folder 10  Exhibit 8: Resolutions passed by Chamber of Commerce, Rotary Club, and Manufacturers and Employers Association requesting City Council to call special bond election for completion of Barrett Dam, 1919 Oct. - Nov.

Folder 11  Exhibit 9: Resolution no. 70 of Board of Water Commissioners requesting City Council to call special election for completion of Barrett Dam, 1919 Nov. 25.


Scope and Content Note

Folder 14  Exhibit 12: Report of Hydraulic Engineer to City Council regarding requirement and necessity for completion of Barrett Dam, 1921 Feb. 17.

Folder 15  Exhibit 13: Letter to Melville Klauber from H. N. Savage regarding impounding and carrying water system of San Diego, 1921 Mar. 8.

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Finance

Box Box 1, Folder 16  Cost of construction work, 1920 Oct. 13.

Scope and Content Note
Report of Hydraulic Engineer to City Council and Board of Water Commissioners.

Folder 17  Bond election, 1921.

Scope and Content Note
File of materials related to the special bond election held April 5, 1921 to authorize $500,000 for construction of Barrett Dam.

Folder 18  Bond funds, 1921-1922.

Scope and Content Note
Financial statements, expense reports, etc.

Folder 19  Construction funds, 1922 Mar. 27.

Scope and Content Note
Report of Hydraulic Engineer to City Council and Board of Water Commissioners.

Folder 20  Barrett Dam construction cost analysis, 1922.

Scope and Content Note
Report compiled by S. R. Nelson (Chief Clerk) and C. H. Bryson (Engineer-Inspector) for H. N. Savage (Hydraulic Engineer), comparing costs of construction of Barrett Dam and Don Pedro Dam, Stanislaus River.

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Construction

Box Box 1, Folder 21  Barrett Dam, spillway and outlet tower : drawings and specifications, 1919 Sept. 18.

Barrett Dam, 1918-1923

Construction

| Folder 23 | Barrett Dam construction equipment inventory, 1921 Nov. 1. |
| Folder 24 | Construction reports, correspondence, etc., 1921-1922. |
| Folder 25 | Tainter radial gates, 1922. |

Scope and Content Note
Correspondence, advertising, photographs, blueprints, etc.

Folder 26

Barrett Reservoir duty, 1923.

Miscellaneous

| Box Box 1, Folder 27 | Barrett Dam and Reservoir dedication program, 1922 July 25. |
| Folder 28 | Tracing, 1921 Mar. 11. |

Scope and Content Note
Includes a cross-section of Barrett Dam with construction costs and expenditures.

Folder 29

Newspaper clippings, 1921-1922.

Folder 30

Photographs, 1920-1922.

Scope and Content Note
Most photos mounted on paper with typescript captions.

Folder 31

Photographs, 1921-1922.

Scope and Content Note
Mounted on paper with typescript captions.

Morena Dam, 1921-1934

| Box Box 2, Folder 32 | Report of W. C. Earle, Consulting Engineer, to City Council against enlargement of Morena Reservoir storage capacity, 1921 Feb. 10. |
| Folder 33 | Morena Dam spillway enlargement, raising of dam and outlet tower: drawings and specifications, 1922. |
| Folder 34 | Morena Reservoir spillway enlargement: report and recommendation, 1922 Apr. 27. |

Scope and Content Note
Report of Hydraulic Engineer to City Council and Board of Water Commissioners. Includes photographs.

Folder 35

Morena Reservoir - Investigations: enlargement spillway and dam, 1922 Mar. 11.

Scope and Content Note
"To accompany Hydraulic Engineer's report dated Feb. 9, 1921."

Folder 36

Morena Reservoir - Investigations: enlargement spillway and dam, 1922 May 17.

Scope and Content Note
"To accompany Hydraulic Engineer's report dated April 27, 1922."

Folder 37

Letter to Hydraulic Engineer from Paul Beerman regarding Morena Reservoir and spillway performance, 1929 Dec. 7.

Folder 38

Memorandum from Paul Beerman regarding construction details of Morena Reservoir dam, 1934 Apr. 20.

Folder 39

Morena Reservoir dam foundation, 1934 Apr. 4.

Folder 40

Feature history, Morena Reservoir dam and spillway and safe duty enlargement, 1934.

Scope and Content Note
Report of H. N. Savage, Hydraulic Engineer in Charge, to City of San Diego Bureau of Water Development.