

Inventory of the Charles H. Lee papers, bulk 1912-1955

Processed by the Water Resources Collections and Archives staff.

Water Resources Collections and Archives

Orbach Science Library, Room 118

PO Box 5900

University of California, Riverside

Riverside, CA 92517-5900

Phone: (951) 827-2934

Fax: (951) 827-6378

Email: waterarc@ucr.edu

URL: <http://library.ucr.edu/wrca>

© 1999

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

Inventory of the Charles H. Lee papers, bulk 1912-1955

Collection number: MS 76/1

Water Resources Collections and Archives

University of California, Riverside
Riverside, California

Contact Information:

Water Resources Collections and Archives
Orbach Science Library, Room 118
PO Box 5900
University of California, Riverside
Riverside, CA 92517-5900
Phone: (951) 827-2934
Fax: (951) 827-6378
Email: waterarc@ucr.edu
URL: <http://library.ucr.edu/wrca>

Processed by:

Water Resources Collections and Archives staff

Date Completed:

October 1976

© 1999 The Regents of the University of California. All rights reserved.

Descriptive Summary

Title: Charles H. Lee papers,

Date (inclusive): bulk 1912-1955

Collection number: MS 76/1

Creator: Lee, Charles H. (Charles Hamilton), 1883-1967

Physical Description: ca. 24 linear ft.(53 boxes)48 online itemsead

Repository: Water Resources Collections and Archives

Riverside, CA 92517-5900

Shelf location: Water Resources Collections and Archives

Language: English.

 <http://www.oac.cdlib.org/items/ark:/13030/tf7q2nb3b5>

Access

Collection is open for research.

Alternative Form of Materials Available

wwdl

Publication Rights

Copyright has not been assigned to the Water Resources Collections and 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 Collections and 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], Charles H. Lee papers, MS 76/1, Water Resources Collections and Archives, University of California, Riverside.

Scope and Content

Report, correspondence, documents, maps, photographs, clippings, etc., pertaining to projects in hydraulics, sanitation, irrigation, municipal water supply, surface water and groundwater hydrology, and soil in California and other Western states, particularly for the City of Los Angeles regarding water supply from the Owens Valley.

Access Points

Golden Gate International Exposition (Calif.)

Water-supply -- California

Owens Valley (Calif.)

Colorado River Aqueduct (Calif.)

Los Angeles Aqueduct (Calif.)

Owens River (Calif.) -- Water rights

San Luis Rey River (Calif.)

Mono Lake (Calif.) -- Water rights

Mono Basin (Calif.)

Water-supply -- California -- Los Angeles

San Bernardino Valley (Calif.)

San Joaquin Valley (Calif.)

St. Francis Dam (Calif.)

Preface

This is an annotated listing of reports, papers, photographs and maps in the Charles H. Lee collection, Water Resources Collections and Archives, University of California, Riverside. The Lee collection was bequeathed to the Water Resources Collections and Archives by Mr. Lee.

The collection is arranged here in the order in which it was kept by Mr. Lee, i.e. chronologically, and his file numbering system has been adopted with minor changes to accommodate miscellaneous material. Numbers are not sequential in all cases, indicating files which were not included among the donated materials. Reports of his soil testing laboratory, included in the collection, form a separate chronologically arranged group. If not otherwise designated, geographic locations are in California.

It should be noted that papers resulting from Mr. Lee's work with the State Conservation Commission (1912) and later with the State Water Commission and Division of Water Rights (1919-1921) are not among the materials here. They presumably are in the State Archives in Sacramento.

Manuscript materials in the collection of the Water Resources Collections and Archives cannot be loaned. Arrangements can be made to photocopy items of interest.

This collection was cataloged by Linda K. Appel.

Introduction

Charles Hamilton Lee was born February 1, 1883, in Oakland, California, and graduated from the University of California, Berkeley, with a B.S. in Civil Engineering in 1905.

He then began his career as a hydrographer for the U.S. Geological Survey but resigned in 1906 to become assistant engineer for the city of Los Angeles. From 1906-1911, he was involved in design and construction of the Los Angeles Aqueduct. During this period his report on the groundwater basin of the Independence region of the Owens Valley was published as U.S.G.S. Water Supply Paper 294.

From 1912-1917 he had his own practice as a civil and hydraulic engineer in Los Angeles, serving in 1912 as hydraulic engineer for the California State Conservation Commission. Work from this period is the earliest represented in this collection and deals primarily with water supply, both surface and groundwater, and irrigation.

World War I interrupted his career and from 1917-1919 Lee served in France as captain in the U.S. Army Corps of Engineers, concerned with military water supply and sanitation. Returning after the war, he was appointed President of the State Water Commission of California and subsequently Chief of the Division of Water Rights. In this capacity he had an active influence on water resource development in California.

In 1921 Lee again set up private practice, this time in San Francisco, doing a wide variety of work in all phases of water supply and structural foundation. A major client was the city of Los Angeles for whom he did work connected with the Owens Valley, in large part relating to pending litigation. In 1926 he also established the Pacific Hydrologic Laboratory, the first soils engineering Laboratory on the West Coast.

In addition to work performed for the city of Los Angeles, Lee was consulting engineer for several other California municipalities and numerous U.S. departments and agencies including the State of California; water, public utility, and irrigation districts; and private companies and individuals in California and elsewhere. He was consulting engineer for the fill project which built Treasure Island and from 1936-1939 he was chief of Water Supply and Sanitation for the Golden Gate International Exposition on Treasure Island.

Other soil engineering work included slide repairs, foundation engineering, tunnels, and earth dams. He was recipient of the 1939 Norman Medal awarded by the American Society of Civil Engineers for his research on materials for earth fill dams.

Charles H. Lee was the author of a number of papers during his career. He was a member of the American Society of Civil Engineers, the American Water Works Association, American Sewage Works Association, Seismological Society of America, California Sewage Works Association, and the American Geophysical Union. He died at his home in Berkeley on May 4, 1967, at the age of 84.

Experts Seek Underground Waters As Aid to Rancher

San Diego Sun, February 25, 1915.

Looking for all the world like a jitney bus, but serving what is perhaps an even more important purpose, a little Ford automobile came whizzing down Fifth street the other day, direct from the back country.

Its occupants, three in number, were Charles H. Lee and DeWitt L. Lee, brothers, and K. B. Sleppy, all young men with a purpose.

Under the direction of Charley Lee, who holds the contract with the U. S. government, the trio, with headquarters here, are engaged in a survey of the underground water sources of San Diego county, which is destined to prove of inestimable value to rancher and city man alike.

For six months, although little of it has been said, Lee and his assistants have been busy with the work and have compiled a wide variety of data to be submitted to the geological survey at Washington and to be embodied in a water supply paper or bulletin for distribution through the county by civic organizations and through government channels.

Interviewing Mr. Lee

Charley Lee is only 32 years old, but being a youngster has not interfered with his climb to the top of the hydraulic engineering ladder. Lee today is looked upon by experts as the best informed engineer on underground waters in the world.

Our work will not be completed until next September, our contract having been for a year, said he today. "We are getting along just fine, and although the underground waters of this county are not so extensive as further north, they are none the less valuable and worth developing. The U. S. geological survey makes investigations in several points each year, and San Diego was selected as one point for the year 1914-15. This was because of the many inquiries concerning wells and well water. The work is under the direction of the water resources branch of the survey, ground water division. We intend to let the people of this county know just what they have in the way of underground water and just how to proceed to get it.

Watch 200 Wells

"When we commenced our work the chief of the ground water division, O. E. Meinzer, was here for a week to assist in getting things started, but I am now in charge.

"We are gathering a great deal of well data and records about 200 wells in different parts of the county being observed regularly every two weeks, and in very wet weather observe some of them daily to note the rise in the levels.

"It is often necessary to do a lot of explaining to owners of the wells before we are allowed to observe them, but as a rule the ranchers are co-operating nicely, realizing what it means to them.

"We have got water samples from all over the county and have made pumping tests from selected plants in various locations. Data is taken of the formation where wells were drilled, and, when completed, the report will be the first presentation to geology as related to ground water development.

"A detailed study is being made of the rainfall and the amount absorbed by soils and sands. Record is kept of the run-off and the absorption of the run-off in the river valleys.

"The report, when distributed as a paper, will outline the relative advantages of different portions of the county for obtaining well water and maximum depths to be drilled in different districts and the amount that can probably be obtained from the wells. The probable yield of pumping plants if properly constructed and equipped, with numerous matters relative to drilling and equipment, will also be shown. The closing chapters of the report will contain general matters of value to the irrigator.

Names Taken

"As we go through the county, we are taking the names of ranchers who wish copies of the report after it is finished. The state is paying part of the funds for this work, and the city is interested. Of course the city will be greatly concerned in our

findings, but, like all others, must wait until the report is finished before making use of its contents.

It is not easy work. Only recently my assistants were marooned between two branches of the Tijuana river and had to stay there all night in the storm. We are doing some stream gauging work supplementary to the government work as regards surface waters.

Lee is a native of Oakland. He is a graduate of the state university. He is consulting engineer in Los Angeles, where he now spends part of his time, and also has important work in New Mexico and Arizona. He is consulting engineer for the U. S. public health service at Fort Stanton. Recently he testified at the Cuyamaca hearing, as a witness for the Cuyamaca company and greatly impressed his hearers with his concise and ready answers.

Professional and Special Experience Record

Charles H. Lee, Consulting Engineer
58 Sutter Street San Francisco, California

1. Personal

2. Contributions to Literature of Groundwater Hydrology

"An Intensive Study of a part of Owens Valley, California," Water Supply Paper 294, U.S. Geological "The Determination of Safe Yield Underground

Reservoirs of the Closed-Basin" -- Transactions, Am. Soc. Civil Engineers, Vol. LXXVIII, p. 148 (1915).

"The Interpretation of Water Levels in Wells and Test Holes," National Research Council, Trans. Am. Geophysical Union, Section of Hydrology, Part II, 1934.

"Classification and Definitions of Subsurface Water.) Bul. 24, International Union of Geodesy and Geo- physics, International Assoc. of Scientific Hydrology, Washington, D.C. Sept. 4-15, 1939.

"Subterranean Storage of Floodwater by Artificial Methods in San Bernardino Valley, California," Report of Conservation Commission, State of California, January 1913.

"Evaporation and Transpiration with Special Reference to a Salt Water Barrier below confluence of Sacramento and San Joaquin Rivers," Appendix C, Bul. 28, California Department of Public Works, Division of Water Resources, 1931.

"Drainage and Leaching at Treasure Island," Convention Proceedings, 1939, American Road Builders' Association.

"Sealing the Lagoon Lining at Treasure Island with Salt," (Trans. A.S.C.E. Vol. 106, p. 577, 1941). *Transpiration and Total Evaporation*, (Chapter VIII), HYDROLOGY, by Charles H. Lee, Edited by Oscar E. Meinzer, 1942.

Selection of Materials for Rolled-Fill Earth Dams, (Trans. A.S.C.E. Vol. 103, p. 1, 1938). *Building Foundations in San Francisco*, Proceedings A.S.C.E. Separate, No. 325, November 1953."

Friant-San Joaquin River Litigation, (Journal of Irrigation and Drainage Div., Proc. A.S.C.E. December, 1961.)

3. Active Practice of Profession

- 1905-66 Sixty years as civil engineer, specializing in hydraulics, sanitation, irrigation, municipal water supply, and surface and groundwater hydrology... including seepage into and from streams, precipitation, evaporation, transpiration, consumptive use, well fluctuation and yield, interpretation of groundwater contour maps, and safe yield of underground reservoirs.
- 1905-06 Hydrographic engineer, U. S. Geological Survey; Stream gaging throughout California, including Sacramento and San Joaquin Valleys, Southern California, Colorado River.
- 1906-11 Assistant Engineer, City of Los Angeles, Bureau of Los Angeles Aqueduct, - 1 year on Aqueduct design; 1 year on precise leveling for con ol of aqueduct construction; 3 years in charge surface and underground water in investigations in Owens Valley. Prepared numerous reports, one of which was published by U.S. Geological Survey as Water Supply Paper 294. Also made study of irrigation diversions and practice in Owens Valley in connection with proposed storage regulation at Long Valley and on Big Pine Creek; later made surveys for hydroelectric development at Owens River Gorge and Big Pine Creek and transmission line to City of Los Angeles.
- 1912 Hydraulic Engineer, California State Conservation Commission - in charge groundwater investigations, including special study of replenishment of pumped well supplies by spreading torrential flood waters of Santa Ana River in San Bernardino Valley, Calif. (Report published by the State of California.)
- 1912-17 Engaged in private practice as Civil and Hydraulic Engineer in Los Angeles, including irrigation, water supply, groundwater and geology in States of California, Nevada and New Mexico.

-
- 1917-19 On special military duty in France as Captain, Corps of Engineers, U.S.A., with American Expeditionary Forces, General Headquarters, on military water supply and sanitation. Assigned to Water Intelligence duty, including general study of geology and hydrology of theatre of war, and control of all drilling equipment and to advise on water development at military bases. Assigned to duty as Water Intelligence Officer, Water Supply Service, 1st Army, during latter part of war.
- 1919-21 Served as President, State Water Commission of California, and later, Chief of Division of Water Rights, State Department of Public Works. This was during a period of very active development of water resources in California and applications to appropriate water for storage and direct diversions throughout the State were acted upon.
- 1921-to date Engaged in private practice as consulting engineer in San Francisco, including irrigation, water supply, land drainage, flood control, sewage works, water works, ground water investigations and utilization, and structural foundations. Practiced in California, Nevada, Arizona, Oregon, New Mexico, Idaho, Hawaii, Jamaica, Thailand. Clients: U.S. Governmental departments including Army, Navy, State, Justice, Public Health Service, Bureau of Reclamations, Veterans Bureau, Geological Survey; State of California, municipalities, counties, water, public utility and irrigation districts, public utilities, private companies and individuals.
-

San Bernardino Basin

Box 1, Folder 3

California Conservation Commission, Water Spreading Investigations.

Scope and Content Note

[San Bernardino Basin investigations, effects of spreading storm water on the fan of the Santa Ana River]

1 envelope.

Contents include: *List of artesian wells operated by Riverside Water Company*, *Changes in water level in wells in San Bernardino quadrangle between 1904 and 1912*; correspondence with W.C. Mendenhall, 1912-1914; field notes and photos.

Livermore Valley

Box 1, Folder 4

[Evaporation investigations in Livermore Valley]

Physical Description: 1 envelope.

Scope and Content Note

Contents include: *Evaporation and transpiration from the wet lands in Livermore Valley, Alameda Creek Drainage Basin, Spring Valley Water Company*, by C.H. Lee for J.G. White and Co., 1912; notes and maps.

Tehachapi Valley

Box 1, Folder 5

[Water supply investigations in Tehachapi Valley]

Physical Description: 1 envelope.

Scope and Content Note

Contents include: *Ground-water supply possibilities in Tehachapi Valley*, by C.H. Lee for Sharer Investment Co., 1912; *Sales map, Tehachapi Fruit and Land Company*; field notes.

Rio Bonito River, N.M.

Box 1, Folder 9a

Lee, Charles Hamilton

Report of hydrographic and irrigation studies, the Rio Bonito, Lincoln County, New Mexico in connection with the water supply of Fort Stanton Sanatorium. Los Angeles Jan. 17, 1916.

Physical Description: 152 l. tables, maps in pocket.

Scope and Content Note

At head of title: U.S. Public Health Service, Fort Stanton water rights.

Box 1, Folder 9b

[Plans of Station, topography, boundary lines]

Physical Description: 7 pieces.

Item located in WRCA map case

Box 1, Folder 9c

Rio Bonito showing irrigation ditches, pipe lines and adjacent lands. Lincoln County, N.M.

Physical Description: map, 56 x 111 cm.

Item located in WRCA map case

San Luis Rey River

Box 1, Folder 10a

Harroun, Philip E.

Report to the City of San Diego and to the Volcan Land and Water Company on the safe net yield, value, cost of completed system, and cost of water delivered of the properties of the Volcan Land and Water Company. San Francisco August 1914.

Physical Description: 28 l., 19 plates.

Box 1, Folder 10b

[Miscellaneous notes and data for San Luis Rey River investigations]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; maps; and graphs.

Box 1, Folder 10c

Dorsey, C.W.

Preliminary report on the soil and ground water conditions of certain properties in the San Luis Rey Valley. Los Angeles, May 5, 1915.

Physical Description: 12 l.

Box 1, Folder 10d

Lee, Charles Hamilton

Notes relative to porosity tests of sands in place in San Luis Rey Valley, outline drawn up by Charles H. Lee and Roy A. Silent. Aug. 5, 1916.

Physical Description: 8 l. plates.

Scope and Content Note

Contents include: Data; notes; computations, etc.

Box 1, Folder 10e

Silent, Roy A.

Mechanical analysis of sands in San Luis Rey Valley. Aug. and Sept. 1916.

Physical Description: 1 v., 31 plates.

Box 1, Box 2,
Folder 10f

Lee, Charles Hamilton

Report on effect of proposed construction of Warner Dam upon the ground water supply of the San Luis Rey Valley in connection with the case of City of Oceanside et al. vs. Volcan Land and Water Co. et al. Los Angeles, Aug. 31, 1916.

Physical Description: 101 l. tables.

Box 1, Folder 10g

Lee, Charles Hamilton

Report upon the underground flow of water through the gravels of the San Luis Rey River west of Bonsall, San Diego County, Cal., by Charles H. Lee and Engineering Office of J.B. Lippincott Consulting Engineers. Los Angeles, Oct. 1916.

Physical Description: 32 l.

Box 1, Folder 10h

Lippincott, Joseph Barlow

Report upon the hydrography of the San Luis Rey River and the diversion and use of water by the Escondido Mutual Water Company. Los Angeles, Dec. 1916.

Physical Description: 31 l. tables.

Box 1, Folder 10i

Lippincott, Joseph Barlow

Effect of conservation of the flood waters of the San Luis Rey River on the lower valley. Los Angeles [Nov. 1916?]

Physical Description: 9 l. plates.

Box 1, Folder 10j

[Correspondence with Charles S. Slichter, Roy A. Silent, and Allen Hazen re test wells, underflow measurement of San Luis Rey River, and sand measurement] 1916-

Physical Description: 1 folder.

Box 1, Folder 10k

Letter size drawings and tables, San Luis Rey study

Physical Description: 1 folder.

Box 1, Folder 10 l

Post, William S.

Volcan Land and Water Company, showing water plane in San Luis Rey Valley. 1915.

Physical Description: 12 maps, graphs.

Item located in WRCA map case

Box 1, Folder 10m

Lee, Charles Hamilton

Map of San Luis Rey Valley in vicinity of Foss Lake and San Luis Rey Mission showing ground water contours as observed July 1916. 1916.

Physical Description: map, 77 x 104 cm.

Item located in WRCA map case

Box 1, Folder 10n

Lee, Charles Hamilton

Forty two years' mean rainfall map showing isohyets lines on drainage area, San Luis Rey River. 1915.

Physical Description: map, 49 x 80 cm.

Item located in WRCA map case

Folder 10p

Post, William S.

Warner's Ranch Reservoir, Volcan Land and Water Company. 1912.

Physical Description: map, 54 x 84 cm.

Item located in WRCA map case

Folder 10q

Lee, Charles Hamilton

San Luis Rey River showing Valley lands and evaporating areas. 1915, revised 1916.

Physical Description: map, 44 x 393 cm.

Item located in WRCA map case

Folder 10r

Drainage map of San Luis Rey River showing tributary drainage areas and points at which stream gagings are available. 1916.

Physical Description: map, 28 x 79 cm.

Item located in WRCA map case

- Folder 10s **Plat of system of La Mesa, Lemon Grove and Spring Valley Irrigation District showing various points of diversion from the San Diego River and its tributaries; also the location of the gaging stations on the flume and stream.**
 Physical Description: map, 50 x 141 cm.
 Item located in WRCA map case
- Folder 10t **San Diego County water systems and drainage areas. 1921.**
 Physical Description: map, 52 x 71 cm.
 Item located in WRCA map case
- Sweetwater Water Company (San Diego County)**
- Box 2, Folder 11 **Lee, Charles Hamilton**
 Report of hydraulic studies for Sweetwater Water Company in connection with State Railroad Commission rate fixing case. Jan. 1913.
 Physical Description: 1 v. tables.
 Scope and Content Note
 Contents include: Seasonal precipitation at San Diego, Cuyamaca and Sweetwater Dam; precipitation and evaporation records at Sweetwater; runoff, storage, consumption of water for Sweetwater Reservoir; reports by Philip E. Harroun, and John F. Covert; graphs of water level on Sweetwater Reservoir and rainfall, 1888-1912.
- Southern Sierras Power Company**
- Box 3, Folder 14a **Lee, Charles Hamilton**
 Report on power generating and transmission system of Nevada-California and Southern Sierras Power Companies. Los Angeles, 1913.
 Physical Description: 17 l. tables, photos.
 Scope and Content Note
 Contents include: Photos; maps; field notes; and diagrams.
- Folder 14b **Manifold & Poole Engineers, Los Angeles.**
 Tower line, Southern Sierras Power Company. 1911.
 Physical Description: map, 150 x 26 cm.
 Item located in WRCA map case
- San Diego County**
- Box 3, Folder 33a **Lee, Charles Hamilton**
 Record of monthly precipitation at observed rainfall stations in San Diego County, California. [1916?]
 Physical Description: 1 v. tables.
- Folder 33b **Lee, Charles Hamilton**
 List of wells from which water samples were collected. April 26, 1915.
 Physical Description: 24 l.
- Folder 33c **Alverson, C.S.**
 Report of hydraulic studies on the Tijuana River of the U.S. and Mexico. San Diego, July 8, 1914.
 Physical Description: 26 l. map.
- Folder 33d **Volcan Land and Water Company.**
-

- Drainage areas, rainfall, gaging, and evaporation stations. 1914.**
Physical Description: map, 93 x 76 cm.
Item located in WRCA map case
- Folder 33e **Alverson, C.S.**
Profile showing water plane of Otay Valley, San Diego County, Calif. 1911.
Physical Description: graph, 36 x 100 cm.
Item located in WRCA map case
- Folder 33f **Taylor, A.**
Warner Water Project riparian map, San Dieguito River from one mile East of Rancho San Dieguito to the Pacific Ocean. 1912.
Physical Description: map, 45 x 144 cm.
Item located in WRCA map case
- Folder 33g **Post, William S.**
Volcan Land and Water Company ownership map, Pamo Reservoir. 1912.
Physical Description: map, 43 x 81 cm.
Item located in WRCA map case
- Folder 33h **Taylor, A.**
Warner Water Project riparian map, Santa Ysabel River from Pamo Valley to San Pasqual Valley. 1912.
Physical Description: map, 45 x 110 cm.
Item located in WRCA map case
- Folder 33i **Warner Water Project riparian map, Bernardo River from San Pasqual Valley to Bernardo. 1911.**
Physical Description: map, 48 x 134 cm.
Item located in WRCA map case
- Folder 33j **U.S. Indian Service.**
Present and proposed distribution system, Rincon Indian Reservation. 1914.
Physical Description: map, 53 x 106 cm.
Item located in WRCA map case
- Folder 33k **Map of San Diego River showing stations for water plane. 1912.**
Physical Description: map, 46 x 89 cm.
Item located in WRCA map case
- Folder 33 l **Rainfall chart, 1850-1914, various stations, San Diego County**
Physical Description: chart, 54 x 107 cm.
Item located in WRCA map case
- Folder 33m **Alverson, C.S.**
Diagram showing location of the wells and pumping plants in Otay Valley, San Diego County, California. 1911.
Physical Description: map, 29 x 99 cm.
Item located in WRCA map case
- Folder 33n **Post, William S.**

South Coast Land Co. map of mouth of San Dieguito River near Del Mar, California. 1913.

Physical Description: map, 49 x 81 cm.

Item located in WRCA map case

Folder 33p

U.S.G.S Topological map combining the La Jolla and El Cajon quadrangles, showing locations of potential dams on the San Diego River. 1909?

Physical Description: map, 50 x 85 cm.

Item located in WRCA map case

Crags Lake

Box 3, Folder 36

Lee, Charles Hamilton

Report on transpiration and evaporation losses from Crags Lake area, Los Angeles County. Los Angeles, 1914.

Physical Description: 3 l. tables, maps.

Scope and Content Note

Contents include: Field notes; tables; and diagrams.

Cuyumaca Water Company

Box 3, Folder 38a

[Hydraulic exhibits, Cuyumaca Water Co., applications before Railroad Commission, Nos. 1432, 1231, 1482]

Physical Description: 8 l. graphs, tables, diagrams, maps.

Folder 38b

[Miscellaneous hydraulic tables not exhibited, Cuyumaca Water Co., applications before Railroad Commission, Nos. 1432, 1482]

Physical Description: 1 v. tables, diagrams, handwritten notes.

Folder 38c

Map of service area, Cuyumaca Water Co., showing lands irrigated in 1915.

Physical Description: map (Scale: 1" = 2000').

Folder 38d

Portion of Capitan Grande Indian Reservation, California, showing San Diego flume.

Physical Description: map (Scale: 1" = 800').

Scope and Content Note

Contents include: Photos.

Folder 38e

Lee, Charles Hamilton

Daily hydrograph of San Diego Flume Company for San Diego River at diverting dam at head of flume: Jan. 1, 1899 to Aug. 1912. 1912.

Physical Description: graph.

Item located in WRCA map case

Folder 38f

Post, William S.

Cuyumaca Water Co., capacities of reservoirs. 1914.

Physical Description: 1 table.

Item located in WRCA map case

San Diego

Box 3, Folder 41a

Lee, Charles Hamilton

Cuyumaca Water Company; report on net safe yield study of Morena-Otay impounding system of City of San Diego. April 10, 1915.

Physical Description: 14 tables.

Scope and Content Note

Contents include: Maps and graphs.

Folder 41b

Lippincott, Joseph Barlow

[Municipal water works of San Diego and proposed extension thereof]; report of J.B. Lippincott to the Chamber of Commerce, Aug. 21, 1913.

Physical Description: 23 l. diagrams.

Folder 41c

**San Diego (City). Department of Water.
Capacity curves. 1914.**

Physical Description: 1 table.

Item located in WRCA map case

Folder 42

Lee, Charles Hamilton

Data regarding proposed Marron Reservoir and conduit system as an additional water supply for City of San Diego. May 6, 1915.

Physical Description: 1 v. tables, diagrams.

Scope and Content Note

Contents include: Notes and correspondence; *Topography map of Tia Juana River from Pacific Ocean east past Marron Valley*, (scale: 1" = 1 mile); and *Safe yield study, Marron Valley Reservoir, City of San Diego*.

Spring Valley Water Company

Box 3, Folder 43a

Lee, Charles Hamilton, comp.

Valuation of water rights: general theory and cost data compiled by Charles H. Lee, C.E., May 1915 to April 1916 for City of San Francisco in S.V.W. Co. rate cases, 1907-1914.

Physical Description: 1 v.

Scope and Content Note

Bound with: *Value of 'water rights' in Northern California as estimated by two methods*, by Edwin Duryea, Jr., July 1915 (56 l.).

Also bound with: *Cost of extinguishing riparian rights for lands on various streams in the vicinity of San Francisco Bay, Calif.*, by Charles H. Lee, Sept. 2, 1915 (8 l.).

Also bound with *Analysis of purchases by City of San Francisco from Tuolumne Water Supply Company with special reference to cost of water rights*, by Charles H. Lee, Feb. 1, 1916 (6 l.).

Folder 43b

Maps and hydrographic data for sources of supply of the Spring Valley Water Company.

Physical Description: 3 maps.

Scope and Content Note

Maps showing: Lake Merced source; Peninsular sources; and Transbay sources. Exhibit 188.

Box 4, Folder 43c

Lee, Charles Hamilton

Value of *water rights* in California as determined by sale or *market* value of mutual water company stock with special application to the Spring Valley Water Company sources of supply. San Francisco, Aug 2, 1915.

Physical Description: 19 l.

Scope and Content Note

Bound with: *Supplemental report...*, Aug. 11, 1915 (5 l., tables, diagrams).

Folder 43d

Lee, Charles Hamilton

Original cost of water rights of Spring Valley Water Company used in supplying San Francisco with water as estimated by Charles H. Lee. San Francisco, March 25, 1916.

Physical Description: 38 l. tables.

Scope and Content Note

Exhibit 189.

Bound with: *Estimate of damage to Spring Valley Water Company lands in Livermore Valley, California, resulting from pumping operations of the Company at Pleasanton wells*, by Charles H. Lee, San Francisco, March 1916 (17 l., tables, graphs, maps).

Folder 43e

Lee, Charles Hamilton

Estimated reproduction cost of the water rights of Spring Valley Water Company. San Francisco, April 3, 1916.

Physical Description: 14 l. tables.

Scope and Content Note

Exhibit 190.

Bound with: *Estimate of damage to lands riparian to Alameda Creek on Niles Cone resulting from decreased flow of the creek due to Alameda Pipe Line diversion by Spring Valley Water Company*, by Charles H. Lee, San Francisco, March 24, 1916 (19 l., tables).

Folder 43f

Lee, Charles Hamilton

Memoranda on the valuation of the water rights of the Spring Valley Water Company based on cost and value of other comparable water rights. San Francisco, April 4, 1916.

Physical Description: 19 l. tables.

Scope and Content Note

Exhibit 191.

Folder 43g

Lee, Charles Hamilton

Value of *water rights* in southern and central California as determined by sale of *market* value of mutual water company stock with application to the Spring Valley Water Company sources of supply. San Francisco, March 11, 1916.

Physical Description: 1 v. tables, diagrams.

Folder 43h

Lee, Charles Hamilton

Comments upon supplemental report on water rights value of Pacific Gas and Electric Company. San Francisco, Aug. 12, 1922.

Physical Description: 22 l. tables, diagrams.

Folder 43i

Grunsky, C.E.

Memorandum relating to the value of the reservoir lands of the Spring Valley Water Company. Aug. 7, 1915.

Physical Description: 1 v. tables, graphs.

Scope and Content Note

Bound with: *Notes upon reservoir values*, by H.T. Cory, Aug. 17, 1915 (10 l., tables).

- Folder 43j **Anderson, George C.**
Memoranda on the valuation of the water rights of the Spring Valley Water Co. March 20, 1916.
Physical Description: 40 l.
Scope and Content Note
Exhibit 172.
- Folder 43k **Anderson, George C.**
Memoranda on the valuation of the water rights of the Spring Valley Water Co. March 20, 1916.
Physical Description: 1 v. tables.
Scope and Content Note
Exhibit 172-A.
- Folder 43 l **Herrmann, F.C.**
Memoranda on the value of the water rights of the Spring Valley Water Company. March 6, 1916.
Physical Description: 31 l.
Scope and Content Note
Exhibit 173.
- Folder 43m **Valuation.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Notes and clippings; *Final report of the Committee on Depreciation, Supplement to Journal of the American Water Works Association*, Sept. 1917; *Relative values in five classes of utility systems*, by C.F. Lambert, in *Engineering News Record*, June 26, 1930; and *The valuation of water works properties, I. Inventorying a water works plant*, by Halbert P. Gillette.
- Folder 43n **Hydrograph showing daily waste of Alameda Creek over Niles and Sunol Dams and total Spring Valley Water Co. diversion, the latter separated into gravity diversion from Alameda Creek and water developed from Pleasanton wells.**
Physical Description: 26 l.
Item located in WRCA map case
- San Diego (Mission Valley)**
- Box 4, Folder 44 **Lee, Charles Hamilton**
Report of engineering investigations at the Mission Valley Pumping Plant of the City of San Diego made in connection with the case of H.D. Allen et al vs. the City of San Diego et al, in the Superior Court of San Diego County. Los Angeles, May 10, 1916.
Physical Description: 44 l. tables, graphs, diagrams.
- Truckee-Carson Project**
- Box 5, Folder 45a **Lee, Charles Hamilton**
Report on Soda Lakes investigation, Truckee-Carson Project near Fallon, Nevada, by Charles H. Lee and W.O. Clark. Los Angeles, July 10, 1916.
Physical Description: 51 l. graphs, tables, maps.
Item located in WRCA map case

-
- Folder 45b **[Soda Lakes and Truckee-Carson Project diagrams]**
 Physical Description: 9 diagrams, table, map.
- Folder 45c **Stuver, D.S.**
 Soda Lake investigation. Fallon, Nev., Aug. 1914.
 Physical Description: 11 l. tables.
- Folder 45d **Stuver, D.S.**
 Hydrographic and other data, Soda Lake investigation -- 1915, Truckee-Carson Project, U.S.R.S. Fallon, Nev., Aug. 1915.
 Physical Description: 9 l. graphs, tables.
- Folder 45e **Steinhauer, K. E.**
 In the Court of Claims of the United States. No. 32004, John Horstmann Company v. the United States; No. 32453, Natron Soda Company v. the United States. Defendant's objections to claimant's requests for findings of fact, defendant's requests for findings of fact, statement of facts, and defendant's brief and argument. Washington : GPO, 1919.
 Physical Description: p. 1107-1174.
- Searles Lake**
- Box 5, Folder 66a **Lee, Charles Hamilton**
 Notes on study of evaporation from Searles Lake Basin. April 1917.
 Physical Description: 48 l.
- Folder 66b **Notes on study of evaporation from Searles Lake Basin. April 1917.**
 Physical Description: 1 v.
 Scope and Content Note
 Bound with: *Determination of the evaporation ratio between Searles Lake brine and fresh water under natural conditions*, Report no. 11 of the American Trona Corporation, Research Laboratory, San Pedro, Calif., June 6, 1917 (9 l., tables).
 Also bound with: *Composition of salts, Well J-1, Searles Lake, Calif.*, Report no. 9 of the American Trona Corporation, Research Laboratory, San Pedro, Calif., May 24, 1917 (2 l., tables).
- Folder 66c **[Miscellaneous]**
 Scope and Content Note
 Contents include: Folder containing disposition of C.H. Lee in case of U.S.A. vs. California Trona Co., 1917; envelope of photos, notes, and diagrams; *General map of Searles District, California*, (scale: 1" = 3000'); *Cross-sections through the crystal deposit at Searles Lake, San Bernardino County Calif.*, 1917 (69 x 69 cm.); *Property of the American Trona Corporation and the California Trona Company at Searles Lake...*, 1915 (map, 66 x 53 cm.).
- Pacific Gas and Electric Company**
- Box 5, Folder 68a **Lee, Charles Hamilton**
 Memoranda on value of water rights of Pacific Gas and Electric Co. Feb. 28, 1922.
 Physical Description: 31 l. tables, diagrams, map.
- Folder 68b **[Data and graphs -- water rights valuation]**
 Physical Description: 1 folder, 11 sheets.
- Trinity River**
-

Box 5, Folder 69

**U.S. Federal Power Commission. Board of Engineers.
Report to the Federal Power Commission on the uses of the Trinity River,
California. San Francisco, Feb. 18, 1924.**

Physical Description: 1 v. tables, diagrams, maps.

Water and Power Act

Box 5, Folder 72

**Commonwealth Club. Irrigation and Power Committee.
[Los Angeles, 1922?]**

Physical Description: 1 folder.

Scope and Content Note

Contents include: Irrigation data, 1920 (4 l.); *The Water and Power Act*, draft of a speech to the Commonwealth Club prepared by [Lester S.?] Ready [n.d.]; *Water and power development*, a collection of papers by J.D. Galloway relating to the Water and Power Act [n.d.].

Atascadero, Morro, and Morro Heights

Box 6, Folder 74a

**Lee, Charles Hamilton
Preliminary report: Water supply system for Atascadero, Morro, and Morro
Heights. San Francisco, June 19, 1922.**

Physical Description: 10 l. maps.

Folder 74b

Atascadero estate; cost, data, etc.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Reports and memorandum; notes and maps.

San Francisco Bay Bridges

Box 6, Folder 76a

San Francisco Bay Project -- Bridges. 1922.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Newspaper clippings; notes; and correspondence.

Folder 76b

**[South San Francisco Bay, proposed dam and lock, shore and channel works, on
U.S.G.S. quads.]**

Physical Description: 1 Map

Item located in WRCA map case

Civil Engineering IIIa, University of California

Box 6, Folder 79

**Lee, Charles Hamilton
Water supply engineering; course materials, C.E. IIIa. Berkeley, University of
California, Department of Civil Engineering [n.d.]**

Physical Description: 1 folder, diagrams, papers, lecture outline.

San Francisquito Creek

Box 6, Folder 80a

**[General notes and data relating to San Francisquito Creek Cone riparian rights suit,
Part 1]**

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; memoranda; correspondence; and data re wells and pumping.

Folder 80b	<p>[General notes and data relating to San Francisquito Creek Cone riparian rights suit, Part 2]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Interviews and extracts from reports; rainfall-runoff and legal memoranda; water level data; <i>Extracts from preliminary report on the necessities of the Metropolitan Water District, San Francisco Region</i>, by Charles D. Marx, 1912; <i>Data regarding San Francisquito Creek in report on Santa Clara Valley Water Conservation Project, March 1921</i>, by F.H. Tibbetts and Stephen E. Kieffer; <i>Extract from report on comparative costs for irrigation supply for Stanford University</i>, by F.C. Herrmann, 1919; and <i>Pocket electrical device for measuring water depth and wells</i>, by J.M.C. Corlette, in <i>Engineering News-Record</i>, Sept. 1923.</p>
Folder 80c	<p>M.A. Harris well replenishment.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; correspondence; diagram; report to the Palo Alto Chamber of Commerce on the water supply of Palo Alto and vicinity as of 1924; and pamphlet on Stevens Water Level Recorder Type E.</p>
Folder 80d	<p>[Maps and water analysis]</p> <p>Physical Description: 1 folder.</p> <p>Note</p> <p>delete; material combined with 80b</p> <p>Scope and Content Note</p> <p>Contents include: <i>Diagram showing drop in water level in typical well in Atherton and Menlo... , 1919-1926.</i></p>
Folder 80e	<p>[Well logs]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: <i>Map showing pipe distribution system of the Bear Gulch Water Company, San Mateo County, California ; and Extracts from preliminary report on the necessities of the Metropolitan Water District, San Francisco Region</i>, by Charles D. Marx, 1912.</p>
Folder 80f	<p>Water level in wells.</p> <p>Physical Description: 1 envelope.</p> <p>Scope and Content Note</p> <p>Contents include: <i>Records of fluctuations of water levels on wells at Atherton and Menlo Park.</i></p>
Folder 80g	<p>[Pumping plant and well data]</p> <p>Physical Description: 1 folder, graphs, diagrams.</p>
Folder 80h	<p>Lee, Charles Hamilton</p> <p>Section showing gravel strata as indicated by well logs, cone of San Francisquito Creek near Atherton and Menlo Park [n.d.]</p> <p>Physical Description: 2 sheets.</p> <p>Item located in WRCA map case</p>
Folder 80i	<p>Lee, Charles Hamilton</p>

Map of area adjacent to Shelby Lane and Atherton Ave. near Menlo Park, San Mateo Co., Calif. 1923.

Physical Description: map, 55 x 80 cm.

Item located in WRCA map case

Folder 80j

The partition of the Selby Tract, Atherton, San Mateo County, California. [1919?]

Physical Description: map, 66 x 46 cm.

Item located in WRCA map case

Folder 80k

[Palo Alto quadrangle, U.S.G.S. topographic map edition of 1899, with watersheds delineated]

Physical Description: map, 38 x 67 cm.

Item located in WRCA map case

Folder 80 l

Record of water level in wells of M.A. Harris... 1923.

Physical Description: 2 graphs.

Item located in WRCA map case

Folder 80m

Property of Redwood City Water Company. 1914.

Physical Description: map, 64 x 92 cm.

Don Pedro Power Plant

Box 6, Folder 83

Lee, Charles Hamilton

Memo for Mr. McClure relative to the Leurey report on disposal of electric energy from Don Pedro Power Plant by Modesto Irrigation District. Jan. 13, 1923.

Physical Description: 3 l.

Scope and Content Note

Contents include: Notes and diagram.

Pit River No. 1 Power Plant

Box 6, Folder 84

[Correspondence with Scott McArthur relating to Pit River No. 1 Plant] May 12, 1923.

Physical Description: 2 l.

Scope and Content Note

Contents include: Notes.

Owens River

Box 7, Folder 85

Monthly discharge of Owens [River near Big Pine, Calif., 1915-1922]

Physical Description: 6 l.

Estancia Valley, N.M.

Box 7, Folder 87

Lee, Charles Hamilton

Memorandum report, proposed groundwater investigations in Estancia Valley, New Mexico. October 2, 1923.

Physical Description: 12 l.

U.S. Veterans Bureau Hospital (Livermore, Calif.)

Box 7, Folder 88a

Lee, Charles Hamilton

Report on water supply for proposed U.S. Veterans Bureau Hospital near Livermore, Calif. Nov. 30, 1923.

Physical Description: 23 l. diagrams, maps.

Scope and Content Note

Contents include: Supplemental report, Feb. 1, 1924; correspondence, and field notes.

Folder 88b

U.S. Veterans Bureau, Livermore, Calif.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; well log; diagrams.

Owens Valley

Note

[**NOTE:** At some point in his career Charles Lee gathered his files relating to work done for the City of Los Angeles Board of Public Service Commissioners in regard to Owens Valley water under one number which has several subdivisions. The majority of these files are designated by a decimal system, i.e. 98.1, 98.2, etc. A series of files relating to litigation, however, are numbered 98L, 98L1, 98L2, etc. (Some litigation is also found under the decimal series). A third series numbered 98EI, etc. is composed of economic studies. There are also a few miscellaneous items designated 98MI, etc. Lee's own index to these materials is found in Box 1 of File 98; and File 98L in Box 3 details the legal files of Goudge, Robinson & Hughes, which were incorporated into Lee's files.]

Box 7, Folder 98.1
Folder 98.1a

**[Owens Valley hydrographic survey, Inyo County, June 8, 1908 - July 31, 1911]
Lee, Charles Hamilton**

Final report of Los Angeles Aqueduct water-supply investigations in Owens Valley. Independence, Calif., June 10, 1911.

Physical Description: 68 p. tables.

Scope and Content Note

Bound with: *Comments by C.H. Lee on 'Report of water resources of the Los Angeles River and Owens River Aqueduct to the Aqueduct Investigation Bureau, by E.E. Shaffer and C.B. Loomis'.*

[See also File 98.19d](#) for supplement, "Report on hydrology of Owens Lake Basin and the natural soda industry..." Oct. 1915.

Folder 98.1b

[Owens Valley hydrographic survey]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Data; correspondence, including Lee's suggestions regarding the cost accounting system; maps; notes; and reports - *A study of the supply and demands at Haiwee Reservoir based on the available surface supply without regulators at Long Valley*, by C.H. Lee[?] [n.d.]; and *Extracts from 'Report of water resources of the Los Angeles River and Owens River Aqueduct, to the Aqueduct Investigations Bureau'*, by E.E. Shaffer and Chester B. Loomis [n.d.]

Folder 98.17

**Los Angeles (City). Bureau of Water Works and Supply.
Agreement between City L.A. and Owens Valley Ditch companies. May 1913.**

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; data; and report - *Use of water for irrigation in Owens Valley in connection with the supply of the Los Angeles Aqueduct: A summary of the data gathered by Charles H. Lee and S.B. Robinson, in Feb 1910, and deductions therefrom.*

-
- Folder 98.19 **[Owens Lake hydrographic survey and data compiled in regard to Natural Soda Products Co. and Inyo development Co. injunction suits, Sept. 18, 1913 - Dec. 29, 1915]**
Physical Description: 4 items.
- Folder 98.19a **[Compilation of data, notes, correspondence, etc. relative to defense in case, part 1]**
Physical Description: 1 folder, tables, maps.
Scope and Content Note
Contents include: *Chemical and physical reports, N.S.P. Co., I.D. Co., evaporation, maps, ditches in Owens Valley, L.A. Aqueduct operations, data for diagrams, well data, and Searles Lake.*
Bound with: *A new analysis of the water of Owens Lake, California*, by C.H. Stone and F.M. Eaton, 1906; and *Report of chemical analyses and investigations of Owens Lake water*, by Horace C. Porter, 1915.
- Box 8,
Folder 98.19b **[Compilation of data... part 2]**
Physical Description: 1 folder, diagrams.
Scope and Content Note
Contents include: Photographs (index in Part 1); *Soundings on Owens Lake*; and correspondence with Horace Porter and James Jones.
- Folder 98.19c **[Tables, diagrams, photos and miscellaneous]**
Physical Description: 1 folder.
- Folder 98.19d **Lee, Charles Hamilton**
Report on hydrology of Owens Lake Basin and the natural soda industry as affected by the Los Angeles Aqueduct diversion. Oct. 1915.
Physical Description: 33 l. graphs, tables.
- Folder 98.2 **[Hydroelectric power surveys, Mono and Inyo Counties, Calif., Aug. 1911 - July 1912]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Notes; photos; and report - ... *inspection of existing reservoirs on Big Pine Creek*, by H.C. Gardett and Charles H. Lee.
Cover title: L.A.A. Power Bureau - Hydrolletic surveys in Owens Valley.
- Folder 98.39 **[Los Angeles water purity case: Hart and Frost vs. City of Los Angeles -- Preparation of hydraulic testimony] Jan. 16, 1915 - March 19, 1915.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Data; notes; diagrams; newspaper clippings; exhibits; and *Report of sanitary investigation of the tributaries and mountain streams emptying into Owens River from the upper end of Long Valley... to Fairmount Reservoir*, by Ethel Leonard [1914?]
- Folder 98.46 **Inspection of power development sites on Rush Creek and Leevining Creeks, Sept. 6 - Dec. 9, 1915.**
Physical Description: 3 folders.
- Folder 98.46a **Cowles, Robert F.**
Report on the possible utilization of water supply derived from Rush and Leevining Creeks for the development of hydroelectric power at plants located on Rush Creek, Leevining, and Owens River Gorge. Proposed by City of Los Angeles, Department of Public Service, Bureau of Power and Light. 1916.
Physical Description: 52 l. graphs, tables, map.
-

- Folder 98.46b **[Miscellaneous]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Photos; notes; newspaper; map of Bishop area.
- Folder 98.46c **[Correspondence with E.F. Scattergood, 1915-1916]**
Folder 98.50 **[Wooley vs. City of Los Angeles -- Owens River riparian injunction suit] 1916.**
 Physical Description: 2 folders.
- Folder 98.50a **Stipulation of facts, 1916.**
 Physical Description: 1 v. map in pocket.
- Folder 98.50b **Notes on case of H.M. Wooley vs. City of Los Angeles -- No. 3282.**
 Physical Description: 5 l. tables.
- Box 9,
Folder 98.52 **[Hydroelectric power development study -- Owens River Gorge and Big Pine Creek,
Dec. 17, 1915 - Dec. 16, 1916]**
 Physical Description: 3 items.
- Folder 98.52a **Lee, Charles, Hamilton**
 **Report on the possible development of hydro-electric power at plants located on
Owens River Gorge, proposed by City of Los Angeles, Department of Public
Service, Bureau of Power and Light. Jan. 31, 1916.**
 Physical Description: 38 l. graphs, tables, map.
- Folder 98.52b **Lee, Charles Hamilton**
 **Report on the possible development of hydro-electric power at plants located on
Big Pine Creek. Los Angeles, Oct. 16, 1916.**
 Physical Description: 24 l. graphs, tables, map.
- Folder 98.52c **Lee, Charles Hamilton**
 **Load curve study for the proposed hydro-electric power system of the City of Los
Angeles on Los Angeles Aqueduct and natural streams in Owens Valley with
appendix containing revision of report on Owens River Gorge plants. Los Angeles,
Oct. 20, 1916.**
 Physical Description: 14 l. tables.
- Folder 98E
Folder 98E1 **Economic studies related to Los Angeles water supply from Owens Valley.
[Safe yield and economic studies for the Los Angeles Aqueduct, 1924]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes; data; draft of report; maps.
- Folder 98E2 **[Compilation of data for Lippincott-Hill-Sonderegger water supply report, 1924]**
 Physical Description: 1 folder.
 Note
 [**NOTE:** 98E3-98E7 deal with work done for the Los Angeles Board of Public Service
Commissioners' Special Owens Valley Committee, a committee appointed to negotiate an
agreement with the Owens Valley inhabitants for the future development of the Valley's
water resources].
 Scope and Content Note
 Contents include: Memoranda; map; notes.

- Folder 98E3 **[Miscellaneous items relating to Owens Valley controversy 1923-1927, and Los Angeles Board of Public Service Commissioners' Special Owens Valley Committee]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Newspaper clippings; pamphlets; legislative bill and resolutions; anonymous article, possibly written by C.H. Lee which appeared in *Outlook*, July 13, 1927; copy of letter from L.A. Board of Water & Power Commissioners to Will C. Wood, Supt. of Banks, re establishment of new bank in Bishop; and statements by W.A. Watterson, George Watterson and William Symons.
- Folder 98E4 **[City land purchases in Owens Valley, Los Angeles Department of Public Service, Special Owens Valley Committee, 1923-1925]**
 Physical Description: 2 folders.
- Folder 98E4a **[General file]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: List of land purchased, 1/1923-4/1924; data and correspondence, 1924-1925.
- Folder 98E4b **Lee, Charles Hamilton**
 Preliminary study, unit prices for land and water rights paid by the City of Los Angeles in Bishop-Big Pine region during 1923-1924. San Francisco, Jan. 31, 1925.
 Physical Description: 4 l. tables.
 Scope and Content Note
 Contents include: C.H. Lee letter to W.B. Matthews.
- Folder 98E5 **Lee, Charles H.**
 Report on project for the permanent irrigation and cultivation of 3,000 acres of land adjacent to town of Big Pine, California. Feb. 21, 1925.
 Physical Description: 50 l. graphs, tables, map in pocket.
- Folder 98E6 **[Bishop Irrigation Project, Los Angeles Department of Public Service, Special Owens Valley Committee, 1924-1925]**
 Physical Description: 6 items.
- Folder 98E6a **[General file]**
 Scope and Content Note
 Contents include: Lists of stockholders in ditch companies; correspondence with Frank Adams regarding formation of an irrigation district at Bishop; data; and *Report on proposed resettlement of a 3,000 acre tract of land in the Big Pine District of Inyo County, California*, by Walter Packard, 1924.
- Folder 98E6b **Phillips, J.E.**
 Report on Owens Valley water supply, submitted to Special Owens Valley Committee. Los Angeles, City Water Department, Jan. 1925.
 Physical Description: 5 l. diagrams.
- Folder 98E6c **McCarthy, W.R.**
 Report on the Owens Valley Irrigation District, Inyo County, California, by W.R. McCarthy and J.C. Clausen. Bishop, Calif., March 20, 1923.

-
- Box 10,
Folder 98E6d **[Correspondence with Walter Packard and others regarding agriculture in Owens Valley, 1924-1925]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Copy of speech, *The future agricultural development of Owens Valley*, possibly delivered by Walter Packard, Jan. 1925.
- Folder 98E6e **Clausen, J.C.**
 Report on effect on the water supply serving Owens River Ditches of proposed agreement of 1921 between the City of Los Angeles and Associated Ditches. Los Angeles, Oct. 3, 1921.
 Physical Description: 14 l.
- Folder 98E6f **[Data]**
 Physical Description: 1 folder.
- Folder 98E7
Folder 98E7a **[Southern Sierras Power Company offer, Los Angeles Department of Public Service Commissioners' Special Owens Valley Committee, 1924-1925]**
 [General file]
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Proposals; notes; memoranda; correspondence; data; map.
- Folder 98E7b **Means, Thomas H.**
 Additional water supply for City of Los Angeles in Owens Valley and Mono Basin. San Francisco, Jan. 1924.
 Physical Description: 1 v. tables.
- Folder 98E7c **[Court judgments in Mono County cases involving water rights, 1901-1916]**
 Physical Description: 1 v.
 Scope and Content Note
 Contents include: Cain Irrigation Company vs. J.S. Calin [sic] et al, 1916; Hydro Electric Company vs. J.A. Conway et al, 1914; J.M. Miller vs. J.G. Thompson et al, 1901; Mono County Irrigation Company vs. Adam Farrington et al, 1915.
- Folder 98E7d **[Cain Irrigation Company vs. J.S. Cain et al]**
 Physical Description: 1 v.
 Scope and Content Note
 Contents include: Opinion of the Court, 1930; Findings and decision, 1930; Judgment and decree, 1916.
- Folder 98E8 **[Chamber of Commerce Citizens Committee of Fifteen on Water and Power Matters. 1925]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Memoranda; notes; minutes of meetings; and testimony re second Los Angeles Aqueduct vs. Colorado River Aqueduct, 1925.
- Folder 98E9 **[Los Angeles Aqueduct; general data re increased capacity, 1917-1930]**
 Physical Description: 1 folder, tables, diagrams, maps.
 Scope and Content Note
 Contents include: Los Angeles reservoirs data; area and capacity curves; pamphlets and newspaper clippings; material relating to various bond proposals.
-

-
- Folder 98E10 **[Los Angeles Aqueduct economics of water and power enterprises]**
 Physical Description: 2 items.
- Folder 98E10a **Lee, Charles Hamilton**
 The utility enterprises of the City of Los Angeles; a statement of facts regarding the Los Angeles water and power enterprises and argument based thereon relative to the California Water and Power Act. San Francisco, May 23, 1922.
 Physical Description: 51 l. graph, tables.
- Folder 98E10b **[General and miscellaneous]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes; clippings; tables; graphs; reports; and Report of audit by Price, Waterhouse & Company... of the Bureau of Power and Light..., 1921.
- Folder 98E11 **[Los Angeles Aqueduct miscellaneous report]**
 Physical Description: 2 items.
- Folder 98E11a **Miscellaneous reports and studies, Los Angeles Aqueduct. 1906-1908.**
 Physical Description: 208 l. graphs, tables.
 Scope and Content Note
 Contents include: *Study of hydrography, control and quality of Owens River water supply*, by C.H. Lee; *Precise level operations, Jan. to Dec. 1907*, by C.H. Lee; *Economic grade study of Elizabeth Tunnel*, by J.B. Lippincott and H.A. Petterson; *Economic grade study between Haiwee and Fairmont Reservoirs, revised estimate, July 1907*, by J.B. Lippincott; *Economic study of conduit sections (ratio of width to depth)*, by C.H. Lee; *Computations for Kings Canyon pipe line*, by C.H. Lee; *Experimental determinations of value of 'N'*, by C.H. Lee.
- Folder 98E11b **[General file] 1924-1933**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Data; field notes; and correspondence including correspondence re Loren Curtis proposal for utilization of Owens Valley water as opposed to development of Mono Valley water.
- Box 11,
Folder 98E13 **Physical and economic limits of pumping in Owens Valley.**
 Physical Description: 5 items.
- Folder 98E13a **[Correspondence] 1932.**
 Physical Description: 1 folder.
- Folder 98E13b **Lee, Charles Hamilton**
 Report on the physical and economic limits of the underground water resources of Owens Valley. Los Angeles, July 1932.
 Physical Description: 23 l. graphs, tables.
- Folder 98E13c **Lee, Charles Hamilton**
 Supporting data for report on the physical and economic limits of the underground water resources of Owens Valley. July 1932.
 Physical Description: 1 v.
 Scope and Content Note
 Contents include: Correspondence; data; maps.
-

-
- Folder 98E13d **Lee, Charles Hamilton**
Field maps showing moist areas in Owens Valley as mapped by C.H. Lee, 1932.
Physical Description: 1 envelope, maps.
Scope and Content Note
Contents include: 4 maps labelled with file numbers 98L10, L15, L19, and L21.
- Folder 98E13e **Fowler, Frederick Hall**
Available water resources and probably water requirements of the City of Los Angeles, 1930-1940. San Francisco, Feb. 13, 1932.
Physical Description: 48 l. tables, diagrams.
Note
[**NOTE:** Files numbered 98Lx deal with litigation concerning Los Angeles water supply development in the Owens Valley, mainly during the 1920s. 98L and its subdivisions is a general file, with 98L containing notes on the history of the various cases, including some not otherwise included in the Lee collection. Files 98L1, L2, etc. deal with the individual cases]
- Folder 98L **City of Los Angeles *General*.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Index; correspondence, and notes on history of cases.
- Folder 98La **Lee, Charles Hamilton, comp.**
Underground water litigation in Independence region of Owens Valley. Los Angeles, Bureau of Water and Power [and] Bureau of Water Works and Supply [1925]
Physical Description: 1 v. graphs, tables, maps.
Scope and Content Note
Contents include: Summary of Oak Creek, Aberdeen, McGann and 8-mile Ranch suits (Files 98Lx, 98L1, 98L2, 98L3, and 98L4).
- Folder 98Lb **Appendices: Underground water litigation, Independence region. [n.d.]**
Physical Description: 1 v.
Scope and Content Note
Contents include: Photographs of soil samples from well; accompanying data; and stream flow data.
- Box 12,
Folder 98Lc **[Owens Valley well logs, Independence region]**
Physical Description: 1 v.
Scope and Content Note
Contents include: *City deep wells, Independence region, series nos. 1-199, and Test wells, Lone Pine region, [both c. 1925]*
- Folder 98Ld **[City deep wells, Bishop-Big Pine region, series nos. 210-]**
Physical Description: 1 v.
Scope and Content Note
Cover title: Owens Valley deep well logs.
- Folder 98Le **[Owens Valley logs of test holes and domestic wells]**
Physical Description: 1 v.
Scope and Content Note
Contents include: *Test wells, Bishop-Big Pine region and Named wells, Owens Valley.*
-

Folder 98Lf	<p>Anderson, Milton Big Pine pumping tests: experiments for the determination of the effect of pumping deep wells in Big Pine area on the level of the ground water, by Milton Anderson, S.B.S. Nelson, and Wayne W. Wyckoff. Dec. 1928. Physical Description: 11 l. tables, diagrams. Scope and Content Note Bound with: <i>Supplemental report; recovery of water surface elevations in wells of the Big Pine area following the pumping tests of Dec. 1928</i>, by Wayne W. Wyckoff, Jan. 1929.</p>
Folder 98Lg	<p>Deep well pumping records, Independence region, 1918-1928. Scope and Content Note Contents include: Only records for May-Nov. 1928.</p>
Folder 98Lh	<p>Monthly reports of pump operations -- Independence region, Oct. 1925 - Feb. 1927 as filed by Superintendent in charge. Scope and Content Note Contents include: Some daily reports, 1925, 1926, and 1927.</p>
Folder 98Li	<p>Lee, Charles Hamilton Mean monthly discharges, Owens Valley streams, and lake level fluctuations and other data at Owens Lake; summary. 1925 and 1928. Physical Description: 1 v. tables. Note Missing 12/95 Scope and Content Note Cover title: Stream flow data, Owens Valley.</p>
Folder 98Lj	<p>Well interference tests, Independence region, 1924-1925. Physical Description: 1 folder. Scope and Content Note Contents include: Data; maps.</p>
Folder 98Lk	<p>[Correspondence; underground water litigation, 1924-1925] Physical Description: 1 folder. Scope and Content Note Contents include: Copies of Lee's letters to others, including Hyde Forbes, C.F. Tolman, Wm. Mulholland, H.A. Van Norman.</p>
Box 13, Folder 98L1	<p>Harvey vs. City of Los Angeles (Aberdeen underground water injunction suit). 1924-1925. Physical Description: 1 folder. Scope and Content Note Contents include: Data; notes; C.H. Lee testimony; list of exhibits; and court opinion.</p>
Folder 98L2	<p>Zucco et al vs. City of Los Angeles (Oak Creek underground water injunction suit). 1924-1925. Physical Description: 3 items.</p>
Folder 98L2a	<p>Zander, Gordon</p>

Report on water supply and use of water from Oak Creek, Inyo County, submitted as evidence in the Oak Creek adjudication proceedings. California Department of Public Works, Division of Water Rights, Jan. 1923.

Physical Description: 13 l. tables.

Scope and Content Note

Contents include: *Abstract of claims by appropriation...* (July 1923); *Order determining and establishing... rights* (Jan. 1924); and map.

Folder 98L2b

Lee, Charles Hamilton

Memorandum of engineering studies -- Oak Creek cases, by Charles H. Lee and Daniel W. Murphy. Los Angeles, Board of Public Service Commissioners, Oct. 1924.

Physical Description: 1 v.

Folder 98L2c

[Miscellaneous]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Data; notes; outline of defense; and letter from Bailey Willis re capacity and replenishment of Oak Creek Cone.

Folder 98L3

[Peter McGann vs. City of Los Angeles; and Mary Dolan McGann vs. City of Los Angeles, 1925]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; correspondence with Hyde Forbes and Bailey Willis; outlines of testimony and defense; and data, including tables and graphs.

Folder 98L4

[Sharpless vs. City of Los Angeles (8-Mile Ranch underground water injunction suit), 1923-]

Physical Description: 3 items.

Folder 98L4a

Statement of lands in Inyo and Mono Counties owned by Department of Public Service of the City of Los Angeles [prior to Jan. 1923] June 1924.

Physical Description: 1 v.

Folder 98L4b

Cope Rand Means Co.

Recent purchases of water in Owens Valley by City of Los Angeles. Nov. 1923.

Physical Description: 12 l. tables.

Folder 98L4c

[Miscellaneous]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Field notes; map; outline of defense; stipulation; and data, including wells and Sawmill Creek.

Folder 98L5

Owens River Canal Co. vs. City of Los Angeles (Owens Valley ditches injunction suit); and City of Los Angeles vs. Owens River Canal Co. et al (General adjudication). 1924-

Physical Description: 7 items.

Folder 98L5a

Lee, Charles Hamilton


Study to determine the amount of water obtainable by the City of Los Angeles through purchase of irrigated lands in Bishop-Big Pine region. Los Angeles, 1924.















Physical Description: 10 l. graphs, tables.






- Folder 98L5b **Adjudication case, Owens River ditches.**
 Physical Description: 1 v. graphs, tables.
 Scope and Content Note
 Contents include: Agreements; data, etc.
- Folder 98L5c **[Miscellaneous]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Complaint (L.A. vs. Owens River Canal Co. et al); tables; and daily hydrographs of Owens River at Pleasant Valley, 1918-1927, etc.
- Box 14,
Folder 98L5d **[Working papers and tables, relating to irrigation canals in connection with Owens River Canal Co. vs. L.A.]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Tables; graphs; field notes; correspondence; maps and daily hydrographs of various Owens Valley ditches to 1924.
- Folder 98L5e **Lee, Charles Hamilton**
 Return flow studies, Owens River, Pleasant Valley to Charlie's Butte based upon stream flow measurements by City of Los Angeles. April 28, 1928.
 Physical Description: 1 folder. tables.
 Scope and Content Note
 Contents include: Notes and correspondence with S.T. Harding and Harold Conkling. Incomplete; [See also File 98L5f.](#)
- Folder 98L5f **Lee, Charles Hamilton**
 Owens River return flow studies. May 1928.
 Physical Description: 5 l., 29 tables, map.
- Folder 98L5g **[Correspondence relating to Files 98L5, 98L6, and 98L7 (Owens Valley ditches, Long Valley Dam, and Long Valley ditch injunctions), 1924-1934]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Data sheets.
- Folder 98L6 **Eaton Land and Cattle Company vs. City of Los Angeles (Long Valley Dam injunction suit). 1925-**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Correspondence; data; photos; notes; maps.
 [See also File 98L5g.](#)
- Folder 98L7 **Eaton Land and Cattle Company vs. City of Los Angeles (Long Valley ditch injunction suit). 1924-**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Correspondence; data; notes; map; complaint.
 [See also File 98L5g.](#)
- Folder 98L10 **Inyo Chemical Company vs. City of Los Angeles and Southern Pacific Company vs. City of Los Angeles (Owens Lake case).**
 Physical Description: 5 items.
-

- Folder 98L10a **[Exhibits]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Maps; graphs; weather data.
- Folder 98L10b **[Correspondence, 1927-1930]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Correspondence with various people regarding gathering of data and testimony in case.
- Folder 98L10c **Daily hydrograph of Cottonwood Creek at U.S.G.S. station, 1906-1929. Los Angeles City Department of Water and Power [n.d.]**
 Physical Description: 1 v.
- Box 15,
Folder 98L10d **Owens Lake gate, 1924-1933.**
 Physical Description: 1 envelope.
 Scope and Content Note
 Contents include: Other Owens Lake data and notes re Clark Chemical Co., Kuhnert Syndicate (Smith-Emery) and Inyo Chemical Co.
- Folder 98L10e **[Natural Soda Products general file]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Correspondence; data; notes; complaint.
- Folder 98L11 **Dearborn vs. City of Los Angeles and Dodge vs. City of Los Angeles (Owens River riparian injunction suit). 1928.**
 Physical Description: 4 items.
- Folder 98L11a **C.H. Lee file on Dearborn and Dodge vs. City of Los Angeles.**
 Physical Description: 1 v.
 Scope and Content Note
 Contents include: *Memoranda, documents, and copies of exhibits from files of Charles H. Lee, consulting engineer.*
- Folder 98L11b **[Well and river data]**
 Physical Description: 1 folder.
- Folder 98L11c **Record of daily discharge -- Owens River at Charlie's Butte, Owens River at Mt. Whitney Bridge, Los Angeles Aqueduct at Intake, July 1908 - Dec. 1927.**
 Physical Description: 1 v.
 Scope and Content Note
 Exhibit A58.
- Folder 98L11d **[Correspondence, 1927-1928]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Correspondence mainly to lawyers in case.

Folder 98L12	Edwards vs. City of Los Angeles (Lone Pine, Tuttle and Diaz Creeks underground water injunction suit). 1927- Physical Description: 11 items.
Folder 98L12a	[Summary of complaint and outline of defense, 1927] Physical Description: 1 folder. Scope and Content Note Contents include: Complaint summary, list of data and list of exhibits.
Folder 98L12b	[Miscellaneous data] Physical Description: 1 folder Scope and Content Note Contents include: Correspondence; diagrams; notes; photos.
Folder 98L12c	[Jones, J.E.] Lone Pine Creek water rights. Physical Description: 1 v. tables, diagrams. Scope and Content Note Defense exhibit BBB.
Folder 98L12d	[Exhibits] Physical Description: 1 folder. Scope and Content Note Contents include: Map; list of exhibits for plaintiff and defendant.
Folder 98L12e	[Property map of Lone Pine area showing plaintiff's and defendant's lands, wells, Los Angeles Aqueduct, etc., 1928] Scope and Content Note Exhibit 16.
Box 16, Folder 98L12f	[Original tracings for exhibits] Physical Description: 1 envelope, 4 drawings.
Folder 98L12g	[Miscellaneous soil tests] Physical Description: 1 folder. Scope and Content Note Contents include: Letter from C.F. Tolman and photos of Owens Valley soils.
Folder 98L12h	[Edwards engineering notes and miscellaneous data] Physical Description: 1 folder. Scope and Content Note Contents include: Well data; field notes.
Folder 98L12i	[Edwards legal file, 1928] Physical Description: 1 folder. Scope and Content Note Contents include: Notes; defense strategy; testimony of S.T. Harding, A.E. Sedgwick, and C.F. Tolman.

Folder 98L12j	[Edwards appeal, 1929] Physical Description: 1 folder. Scope and Content Note Contents include: Notes; correspondence, legal documents; index of testimony.
Folder 98L12k	[Correspondence, 1926-1929] Physical Description: 1 folder.
Folder 98L14	[St. Francis Dam failure, 1928] Physical Description: 7 items.
Folder 98L14a	[Newspaper clippings] Physical Description: 1 folder. Scope and Content Note Contents include: Clippings from San Francisco and Los Angeles newspapers, March and April, 1928.
Folder 98L14b	[Diagrams and photos of St. Francis Dam break] Note Box 53
Folder 98L14b	picture no: 1 St. Francis Dam  ark:/28722/bk000470f14
Folder 98L14b	picture no: 2 St. Francis Dam Ruins  ark:/28722/bk000470f6w
Folder 98L14b	picture no: 3 St. Francis Dam Ruins  ark:/28722/bk000470g1n
Folder 98L14b	picture no: 4 St. Francis Dam Ruins  ark:/28722/bk000470q6d
Folder 98L14b	picture no: 5 St. Francis Dam Ruins  ark:/28722/bk000470h15
Folder 98L14b	picture no: 6 St. Francis Dam Ruins  ark:/28722/bk000470h6x
Folder 98L14b	picture no: 7 St. Francis Dam Ruins  ark:/28722/bk000470j1p
Folder 98L14b	picture no: 8 St. Francis Dam Ruins  ark:/28722/bk000470j6f
Folder 98L14b	picture no: 9 St. Francis Dam Ruins  ark:/28722/bk000470k16
Folder 98L14b	picture no: 10 St. Francis Dam Ruins  ark:/28722/bk000470k6z
Folder 98L14b	picture no: 11 St. Francis Dam Ruins  ark:/28722/bk000470m1q
Folder 98L14b	picture no: 12 St. Francis Dam Ruins  ark:/28722/bk000470m6g
Folder 98L14b	picture no: 14 St. Francis Dam Ruins  ark:/28722/bk000470n17
Folder 98L14b	picture no: 15 St. Francis Dam Ruins  ark:/28722/bk000470n60
Folder 98L14b	picture no: 16 St. Francis Dam Ruins  ark:/28722/bk000470p1r
Folder 98L14b	picture no: 17a St. Francis Dam Ruins  ark:/28722/bk000470p6h

Folder 98L14b	picture no: 17b St. Francis Dam Ruins  ark:/28722/bk000470q18
Folder 98L14b	picture no: 17c St. Francis Dam Ruins  ark:/28722/bk000470q61
Folder 98L14b	picture no: 17d St. Francis Dam Ruins  ark:/28722/bk000470r1s
Folder 98L14b	picture no: 18 St. Francis Dam Ruins  ark:/28722/bk000470r6j
Folder 98L14b	picture no: 19a St. Francis Dam Ruins  ark:/28722/bk000470s19
Folder 98L14b	picture no: 19b St. Francis Dam Ruins  ark:/28722/bk000470s62
Folder 98L14b	picture no: 20a St. Francis Dam Ruins  ark:/28722/bk000470t1t
Folder 98L14b	picture no: 21 St. Francis Dam Ruins  ark:/28722/bk000470t6k
Folder 98L14b	picture no: 22 St. Francis Dam Ruins  ark:/28722/bk000470v1b
Folder 98L14b	picture no: 23 St. Francis Dam Ruins  ark:/28722/bk000470v63
Folder 98L14b	picture no: 24a St. Francis Dam Damages  ark:/28722/bk000470w1v
Folder 98L14b	picture no: 24b St. Francis Dam Damages  ark:/28722/bk000470w6m
Folder 98L14b	picture no: 25a St. Francis Dam Damages  ark:/28722/bk000470x1c
Folder 98L14b	picture no: 25b St. Francis Dam Damages  ark:/28722/bk000470x64
Folder 98L14b	picture no: 26a St. Francis Dam Damages  ark:/28722/bk000470z1w
Folder 98L14b	picture no: 26b St. Francis Dam Damages  ark:/28722/bk000470z6n
Folder 98L14b	picture no: 27a St. Francis Dam Damages  ark:/28722/bk00047101w
Folder 98L14b	picture no: 27b St. Francis Dam Damages  ark:/28722/bk00047106n
Folder 98L14b	picture no: 28a St. Francis Dam Damages  ark:/28722/bk00047111d
Folder 98L14b	picture no: 28b St. Francis Dam Damages  ark:/28722/bk000471165
Folder 98L14b	picture no: 29 St. Francis Dam Construction  ark:/28722/bk00047121x
Folder 98L14b	picture no: 30 St. Francis Dam Construction  ark:/28722/bk00047126p
Folder 98L14b	picture no: 31 St. Francis Dam Construction  ark:/28722/bk00047131f
Folder 98L14b	picture no: 32a St. Francis Dam Construction  ark:/28722/bk000471366
Folder 98L14b	picture no: 32b St. Francis Dam Construction  ark:/28722/bk00047141z
Folder 98L14b	picture no: 33a St. Francis Dam Construction  ark:/28722/bk00047146q

Folder 98L14b	picture no: 33b St. Francis Dam Construction  ark:/28722/bk00047151q
Folder 98L14b	picture no: 34a St. Francis Dam Construction  ark:/28722/bk000471567
Folder 98L14b	picture no: 34b St. Francis Dam  ark:/28722/bk000471610
Folder 98L14b	picture no: 35a St. Francis Dam Canal  ark:/28722/bk00047166r
Folder 98L14b	picture no: 35b St. Francis Dam Canal  ark:/28722/bk00047171h
Folder 98L14c	[St. Francis Dam inquiry] Physical Description: 1 folder. Scope and Content Note Contents include: Notes; data; published articles by C.H. Lee et al; speeches; <i>Report of the Commission appointed by Governor C.C. Young to investigate the causes leading to the failure of the St. Francis Dam, near Saugus, California, March 24, 1928.</i>
Folder 98L14d	[Correspondence] Physical Description: 1 folder. Scope and Content Note Contents include: Published articles from <i>Western Construction News</i> .
Folder 98L14e	[Profile of dam foundation showing geological composition. n.d.] Physical Description: profile (cross-section), 46 x 124 cm. Item located in WRCA map case
Folder 98L14f	Los Angeles (City). Department of Public Service. Bureau of Water Works and Supply. Gate layout for St. Francis Dam. 1924. Physical Description: diagram, 73 x 53 cm. Item located in WRCA map case
Folder 98L14g	Los Angeles (City). Department of Water and Power. Bureau of Water Works and Supply. Spillway construction, St. Francis Dam. 1925. Physical Description: diagram, 58 x 88 cm. Item located in WRCA map case
Box 17, Folder 98L15	Silva Estate vs. City of Los Angeles. 1928-1930. Physical Description: 1 folder. Scope and Content Note Contents include: Complaint; data; notes; correspondence; maps.
Folder 98L18	Los Angeles-Inyo Farms Co. and C.T. Crowell vs. City of Los Angeles, Bishop Creek Ditch. Physical Description: 2 items.
Folder 98L18a	[Data] Physical Description: 1 folder. Scope and Content Note Contents include: Notes; graphic data.

Folder 98L18b	<p>[Miscellaneous, 1928-1929]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Water diversion data; correspondence; complaint, outline of case; photos.</p>
Folder 98L19	<p>Koegh et al vs. City of Los Angeles; and Estate of Watterson Bros. vs. City of Los Angeles. 1929.</p> <p>Physical Description: 2 items.</p>
Folder 98L19a	<p>[Miscellaneous]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Data; field notes; maps.</p> <p>See Also File 98L21i for additional map and 98L21k for chemical water analysis data.</p>
Folder 98L19b	<p>Lee, Charles Hamilton</p> <p>Memorandum; cases no. 2680, 2063-H, 2731, 2732... in vicinity of Laws, Bishop and Big Pine. Dec. 1929.</p> <p>Physical Description: 11 l.</p>
Folder 98L20	<p>City of Los Angeles vs. Aitken et al (Mono Basin condemnation suit). 1928-1932.</p> <p>Physical Description: 9 items.</p>
Folder 98L20a	<p>[Technical data, part I]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Data on subsurface flow and springs, temperature and pan evaporation, evaporation, consumptive use; and experiments on Mono Lake brine.</p>
Folder 98L20b	<p>[Technical data, part II]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Data on future lake level fluctuations, historic lake levels, and surface flow data; <i>Mono Craters Tunnel</i>, clipping from <i>Explosive Engineer</i> by Mel Wharton, June 1935, p. 176-183.</p>
Folder 98L20c	<p>[Data]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Evaporation-transpiration losses in Owens Valley, 1904-1931.</p>
Folder 98L20d	<p>[Maps and diagrams]</p> <p>Physical Description: 1 folder.</p>
Folder 98L20e	<p>[Graphs]</p> <p>Physical Description: 1 folder.</p>
Folder 98L20f	<p>[Testimony and legal miscellany]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; data; maps and testimony of Charles H. Lee, A.L. Sonderegger, and F.C. Finkle.</p>

- Folder 98L20g **Outline of testimony of Charles H. Lee, Mono Basin necessity hearing, Jan. 22, 1934.**
Physical Description: 1 folder.
- Folder 98L20h **Lee, Charles Hamilton**
Mono Lake -- estimated discharge into and fluctuations of Mono Lake under operation of proposed Los Angeles City diversions, by C.H. Lee and A.L. Sonderegger.
Physical Description: 16 l. tables.
- Folder 98L20i **Mono Basin rainfall. Rev. to April 24, 1934.**
Physical Description: 7 l. tables.
Scope and Content Note
Plaintiff's exhibit.
- Box 18,
Folder 98L21 **Hillside Water Co. et al vs. City of Los Angeles. 1932-1938.**
Physical Description: 13 items.
- Folder 98L21a **Lee, Charles Hamilton**
Statement of complaints in cases of Hillside Water Company -- L.C. McLaren et al, Charles F. Matlick et al, and interveners in the town of Bishop vs. City of Los Angeles and general outline of defense, prepared by Charles H. Lee and A.L. Sonderegger. Los Angeles, Aug. 20, 1932.
Physical Description: 20 l.
- Folder 98L21b **Map -- Bishop region of Owens Valley [showing lands of complainants and interveners].**
- Folder 98L21c **Sonderegger, A.L.**
Hillside Water Co. vs. City of Los Angeles; discussion. Los Angeles, Aug. 1933.
Physical Description: 20 l. graphs.
Scope and Content Note
Contents include: Outline of testimony.
- Folder 98L21d **Sonderegger, A.L.**
Effect of pumping on irrigation practice, cessation of pumping and cessation of irrigation. Los Angeles [n.d.]
Physical Description: 46 l.
- Folder 98L21e **Lee, Charles Hamilton**
Relation of pumpage from city wells in Bishop-Big Pine region to total water supply for period January 1930 to December 1931. Oct. 17, 1933.
Physical Description: 1 v. graphs, tables.
Scope and Content Note
Contents include: Copy 1 (corrected); Copy 2 (uncorrected); graphs.
- Folder 98L21f **Lee, Charles Hamilton**
Notes on influence of pumping City deep wells as shown by test hole records west of Owens River in Warm Springs and Bishop well group areas. Oct. 11, 1933.
Physical Description: 25 l. graph.
- Folder 98L21g **Rainfall, stream flow, drainflow data, etc.**
Physical Description: 1 folder, tables.

Folder 98L21h	Percolation -- Bishop Creek Cone. Physical Description: 1 folder, tables, map. Scope and Content Note Defendant's exhibit W3.
Folder 98L21i	[Graphs] Physical Description: 1 folder.
Folder 98L21j	[Diagrams] Physical Description: 1 folder. Scope and Content Note Contents include: Maps of wells.
Folder 98L21k	[Conduct of case, part I] Physical Description: 1 folder. Scope and Content Note Contents include: Memoranda; data; correspondence; exhibits; field notes.
Folder 98L21 l	[Conduct of case, part II] Physical Description: 1 folder. Scope and Content Note Contents include: Notes; data.
Folder 98L21m	[Miscellaneous and correspondence, 1933-1938] Physical Description: 1 folder. Scope and Content Note Contents include: Maps; decision of arbitrator in Hillside Water Co. vs. William A. Trickey et al, July 1, 1921; and supplemental opinion, Dec. 27, 1921.
Box 19, Folder 98L22	Los Angeles-Inyo Farms Co. vs. City of Los Angeles. Physical Description: 1 folder. Note [NOTE: Included among the Owens Valley-Los Angeles Aqueduct materials are several miscellaneous pieces which are not directly related to any specific file. These have been assigned numbers beginning 98M] Scope and Content Note Contents include: Diagrams and maps; outline of testimony; list of exhibits; notes and data on pumping; test wells; geology of the Bishop area; soil tests.
Folder 98M1	Annexation map of the City of Los Angeles. Los Angeles, City Board of Public Works, 1928. Physical Description: map (Scale: 1/2" = 1 mi.) Note (file in box 7)
Folder 98M2	Steel Plate Fabricators Association. The extreme durability and long life of steel water water pipe. Chicago [1959?] Physical Description: 7 p. illus. Scope and Content Note Contents include: Photos of Los Angeles Aqueduct, and San Francisco water pipes.

Folder 98M3	Conduit and tunnel sections, Los Angeles Aqueduct. Physical Description: 1 v. Scope and Content Note <i>Compliments of the drafting room.</i>
Folder 98M4	Map showing Owens Lake and lands in the vicinity thereof. 1913. Physical Description: map, 177 x 90 cm. (Scale: 1" = 2000'). Item located in WRCA map case
Folder 98M5	Lee, Charles Hamilton Diagram showing return water into channel of Owens River for period May 5-15, 1924. Physical Description: 3 sheets, 48 x 82 cm. Item located in WRCA map case
Folder 98M6	Map of Natural Soda Products Company's Works. 1913. Physical Description: map, 88 x 92 cm. (Scale: 1" = 300'). Item located in WRCA map case
Folder 98M7	Lee, Charles Hamilton [U.S. Geological Survey topographic map of White Mountain quadrangle with features added: boundary of pink tuff, buried pink tuff, wells penetrating tuff in Owens Valley] Item located in WRCA map case
Folder 98M8	Saunders, G.A. Map showing hydrographic survey of parts of Owens Lake from surveys made by me in 1905-6. Physical Description: map, 87 x 50 cm. Item located in WRCA map case Scope and Content Note Contents include: Blue line-print with pencil additions noting <i>cotton claims</i> and <i>ash claims</i> .
Folder 98M9	[Topographic map of Bishop area, Owens Valley; location of water wells added. n.d.] Physical Description: map, 76 x 77 cm. (Scale not given). Item located in WRCA map case
Folder 98M10	Lee, Charles Hamilton Map of Independence region showing ground-water contours, surface characteristics, test holes and artesian wells. Independence, Calif., Los Angeles Aqueduct Water Supply Investigations, 1911. Physical Description: map, 104 x 55 cm. (Scale: 1" = 1 mi.) Item located in WRCA map case
Folder 98M11	Lee, Charles Hamilton Map of drainage and evaporating areas in the Long Valley region. Independence, Calif., Los Angeles Aqueduct, Department of Water Supply Investigations, 1909. Physical Description: map, 80 x 81 cm. (Scale: 1" = 1 mi.) Item located in WRCA map case
Folder 98M12	Lee, Charles Hamilton

Map of Independence region showing drainage areas, stream channels and precipitation stations. Independence, Calif., Los Angeles Aqueduct Water Supply Investigations, 1911.

Physical Description: map, 94 x 55 cm. (Scale: 1" = 1 mi.)

Item located in WRCA map case

Folder 98M13

Lee, Charles Hamilton

Diagram showing gain of water by seepage into channel of Owens River, April 16 to 21, 1910. Independence, Calif., Los Angeles Aqueduct, Department of Water Supply Investigations, 1910.

Physical Description: diagram, 55 x 100 cm.

Item located in WRCA map case

Folder 98M14

Lee, Charles Hamilton

Map of drainage and evaporating areas in the Bishop-Big Pine region west of Owens River. Independence, Calif., Los Angeles Aqueduct, Department of Water-Supply Investigations, 1909.

Physical Description: map, 136 x 80 cm. (Scale: 1" = 1 mi.)

Item located in WRCA map case

Folder 98M15

Lee, Charles Hamilton

Map of Owens Valley lands near Bishop and Big Pine which are irrigable from existing river ditches. 1913.

Physical Description: 5 maps, 79 x 56 cm. (Scale not given).

Item located in WRCA map case

Scope and Content Note

Maps hand-tinted and with varying legends over basic map. Shows ditch areas, stock ownership areas, and service areas.

Folder 98M16

Robinson, S.B.

Map of lands in the vicinity of Bishop and Big Pine which claim water rights under the various ditches diverting from Owens River, by S.B. Robinson and Charles H. Lee. 1910.

Physical Description: map, 78 x 55 cm. (Scale not given).

Folder 98M17

[Mono Lake, blue-line map showing soundings] 1934.

Physical Description: map, 60 x 80 cm., (scale not given).

Item located in WRCA map case

Folder 98M18

Inyo Chemical Company map of Owens Lake and claims. Los Angeles, 1927.

Physical Description: map, 103 x 70 cm. (Scale: 1" = 2640').

Item located in WRCA map case

Scope and Content Note

Lake outline traced from Cal. alkali map by Paddock, 1918. The Company's lake lands from survey by Gloebel, 1925. Other claims and holdings per 'Plat of Owens Lake' from Decker.

Folder 98M19

[Township and topographical map, Mono Lake south to City of Los Angeles. n.d.]

Physical Description: map, 69 x 130 cm. (Scale not given).

Item located in WRCA map case

Folder 98M20

Lee, Charles Hamilton

Map of Big Pine and Baker Creek cones showing ditches, irrigated lands, property lines, etc. 1924.

Physical Description: map, 40 x 50 cm. (Scale: 1" = 1000').

Item located in WRCA map case

Scope and Content Note

Prepared for Special Owens Valley Committee.

Folder 98M21

Lee, Charles Hamilton

Load curve study for proposed hydro-electric power project of City of Los Angeles on Los Angeles Aqueduct and natural streams in Owens Valley. Los Angeles, City Department of Public Service, Bureau of Power and Light [n.d.]

Physical Description: graph, 55 x 158 cm.

Item located in WRCA map case

Rincon Valley (William M. Abbott vs. Carton)

Box 19,
Folder 99a

Hertel, F.W.

Report on the underground water of Rincon Valley and vicinity. April 8, 1924.

Physical Description: 10 l.

Folder 99b

[Miscellaneous file]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes, data, diagrams, maps.

East Bay Municipal Utilities District

Box 19,
Folder 100a

Eel River water supply data, furnished by Gen. Graham to C.H. Lee. 1924.

Physical Description: 1 v. graphs, tables.

Scope and Content Note

Contents include: Rainfall and runoff and discharge data.

Folder 100b

Long, Percy V.

...Outstanding water rights for irrigation, power and other uses on the Tuolumne River, Cherry River and Lake Eleanor basins; their status under the law of California and the proposed method of providing for the protection thereof. San Francisco, Aug. 1, 1912.

Physical Description: 50 l. tables.

Scope and Content Note

... supplemental to a report filed with the Advisory Board of Army Engineers on July 15, 1912, by John R. Freeman, Civil Engineer, on the proposed use of a portion of Hetch Hetchy, Eleanor and Cherry Valleys as reservoirs and appurtenant works for the water supply of San Francisco...

Folder 100c

Extracts from reports on use of water from Tuolumne River by Modesto-Turlock Irrigation Districts. San Francisco, 1918 and 1921.

Physical Description: 1 v.

Scope and Content Note

Contents include: Extracts from reports by Cope Rand Means, Thomas H. Means, and B.A. Etcheverry.

Folder 100d

Lee, Charles Hamilton

- Safe net yield studies, Hetch Hetchy water supply. San Francisco, Aug. 1924.**
Physical Description: 58 l. graphs, tables.
- Folder 100e **San Francisco. Hetch Hetchy Water Supply.**
General map of storage reservoir sites and main aqueduct, Canyon division. 1918.
Physical Description: map, 50 x 37 cm. (Scale: 1" = 1 mi.)
Item located in WRCA map case
- Folder 100f **San Francisco. Hetch Hetchy Water Supply.**
General map and profile. 1918.
Physical Description: map, 50 x 37 cm. (Scale: 1" = 10 mi.)
Item located in WRCA map case
- Folder 100g **[Eel River watershed showing rainfall stations, stream gaging stations. n.d.]**
Physical Description: map, 30 x 78 cm. (Scale not given).
Item located in WRCA map case
- Folder 100h **Child, C.F.**
Official map of Waterford Irrigation District, Stanislaus County, California. 1918.
Physical Description: map, 49 x 139 cm. (Scale: 1" = 2000').
Item located in WRCA map case
- Folder 100i **Map of the Modesto Irrigation District, Stanislaus County, California. 1923.**
Physical Description: map, 45 x 72 cm. (Scale: 1" = 1 mi.)
Item located in WRCA map case
- Folder 100j **Turlock Irrigation District.**
Map of Don Pedro Reservoir site. 1915.
Physical Description: map, 91 x 74 cm. (Scale 1" = 1/2 mi.)
Item located in WRCA map case
- Folder 100k **Lee, Charles Hamilton**
Map of Tuolumne River showing reservoir sites, Hetch Hetchy Aqueduct, stream gaging and precipitation stations. 1924.
Physical Description: 2 maps, 67 x 103 cm. (Scale: 1:125000).
Item located in WRCA map case
Scope and Content Note
Second map is a U.S.G.S. quadrangle of the same area with features noted above drawn in.
- Feather River, Lake Almanor and Butt Valley Reservoir**
- Box 20,
Folder 101a **[Sutter Butte Canal Co./Great Western Power Co. -- Feather River natural flow] 1924 - 1925.**
Physical Description: 2 folders, diagrams, photos.
Scope and Content Note
Contents include: Evaporation study data for Lake Almanor and Butt Valley Reservoir and Feather River flows.
- Folder 101b **Topography in Lake Almanor near Prattville showing seepage test holes, Great Western Power Company. 1925.**
Physical Description: map, 89 x 118 cm. (Scale: 1" = 200').
Item located in WRCA map case
-

Folder 101c	<p>Map of Big Meadows Reservoir, Great Western Power Company, 1912. Physical Description: map, 59 x 96 cm. (Scale: 1" = 2000'). Item located in WRCA map case</p> <p>Atherton</p>
Box 20, Folder 103a	<p>Lee, Charles Hamilton Report on water supply for property of E.S. Heller at Atherton. San Francisco, April 1, 1925. Physical Description: 12 l. tables, diagrams.</p>
Folder 103b	<p>Lee, Charles Hamilton Supplemental report on water supply for property of E.S. Heller at Atherton. San Francisco, May 26, 1925. Physical Description: 5 l. tables.</p>
	<p>San Diego (Cuyamaca Water Company and La Mesa, Lemon Grove and Spring Valley Irrigation District)</p>
Box 20, Folder 105a	<p>[La Mesa Irrigation District -- Legal] Physical Description: 1 folder. Scope and Content Note Contents include: Outline of Charles H. Lee testimony; exhibit H-8 and notes; pumping plant data (report of measurement of flume loss); transcript of portion of Lee testimony, 2/26/26; court decision, 12/7/26.</p>
Folder 105b	<p>[Data and description of the San Diego water supply situation] Physical Description: 1 folder. Scope and Content Note Contents include: Notes, correspondence, photo and reports on water supply of San Diego.</p>
Folder 105c	<p>[La Mesa Irrigation District -- Data compilation] Physical Description: 1 v. Scope and Content Note Contents include: Data on diversions, construction history, runoff, and newspaper clippings.</p>
Folder 105d	<p>Longwell, John S. Report on water supply studies, San Diego River, San Diego County, California, by United States Reclamation Service. Feb. 1920. Physical Description: 89 l. tables, map, 18 plates.</p>
Folder 105e	<p>Longwell, John S. Report on investigations of possible development of water resources controlled by Volcan Land & Water Co., San Diego County, California, by United States Reclamation Service. Feb. 1920. Physical Description: 145 l. tables, 29 plates.</p>
Folder 105f	<p>Lee, Charles Hamilton</p>

Hydraulic studies, Cuyamaca Water Co. 1912.

Physical Description: 1 v.

Scope and Content Note

A compilation of reports, statements, etc., by C.H. Lee, W.S. Post, J.B. Lippincott, and C.S. Alverson in regard to Cuyamaca Water Company Application 118 before the California State Railroad Commission, 1912.

Folder 105g

Cuyamaca Water Company.

Profile of San Diego River bed from South Fork to Mission Dam. 1913.

Physical Description: profile, 54 x 131 cm. (Scale: horiz. 1" = 2000'; vert. 1" = 20').

Item located in WRCA map case

Peninsula Water Company (San Mateo)

Box 21,

Folder 111a

[Well and pumping data]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Field notes and graphs.

Folder 111b

[Rate increase]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Data compiled for hearing; and Railroad Commission decision, Sept. 1926.

Rogue River, Ore.

Box 21,

Folder 112a

Western Precipitation Company.

Report on probable electro-chemical uses of the power to be developed on the Lower Rogue River in southern Oregon. Los Angeles, Nov. 2, 1929.

Physical Description: 42 l.

Folder 112b

Lee, Charles Hamilton

Descriptive report of Lower Rogue River Power Project in Josephine and Curry Counties, Oregon, by Charles H. Lee and Romaine W. Myers. San Francisco and Oakland, Nov. 11, 1929.

Physical Description: 30 l. illus., graphs, tables.

Folder 112c

Stearns, Harold T.

Geologic examination of reservoir and dam sites in the drainage basins of the Rogue, Umpqua, Siletz, and McKenzie Rivers in western Oregon. U.S. Geological Survey, Dec. 1926.

Physical Description: 24 l.

Scope and Content Note

Plates not included.

Folder 112d

Report on electro-metallurgical plant for consumption of 16,000 KW from Lower Rogue River Power Project.

Physical Description: 1 folder.

Scope and Content Note

Contents include: 2 reports - *Black and deposit south of Coos Bay, Oregon*, by L.H. Duschak, Dec. 1930; and *Description of industrial mineral deposits located in southwestern Oregon*, by J.D. Mereen, Aug. 1930.

- Folder 112e **Current data.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Rogue River water supply studies; dam construction data; and *Calderwood High Arch Dam designed with deep cushion pools to receive overflow*, *Engineering News-Record*, Dec. 19, 1929.
- Folder 112f **Stream flow -- hydrographs.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Rogue River daily discharge, 1906 - 1928.
- Folder 112g-h **Run-off studies.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Seasonal precipitation records at U.S. Weather Bureau stations in western Oregon to 1928-1929; map of Rogue River Power Project.
- Folder 112i **[Notes]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Field notes and miscellaneous data.

El Capinero Resort (Tulare County)

- Box 21,
Folder 113a **Lee, Charles Hamilton**

 Water supply for El Capinero Resort; a report to Myers Land Company, Los Angeles, Calif. San Francisco, Aug. 28, 1926.
 Physical Description: 41 l. graphs, tables, maps.
- Folder 113b **[Maps]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: 6 maps and resort brochure.

Oakland

- Box 22,
Folder 114a **[Memoranda and correspondence -- Engineering Commission on Sanitation and Drainage, 1926 - 1928]**
 Physical Description: 1 v.
- Folder 114b **Rainfall intensities, San Francisco Bay Region, general data.**
 Physical Description: 1 v. graphs, tables.
- Folder 114c **Precipitation graphs.**
 Physical Description: 1 folder.
- Folder 114d **[Inspection notes and recommendations, 1927-1929]**
 Physical Description: 1 folder, maps.
 Scope and Content Note
 Contents include: Field notes re culverts; bond issue pamphlet.

Folder 114e	<p>Arroyo Viejo culverts.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Data and recommendations.</p>
Folder 114f	<p>[General miscellaneous]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Report on Grand Avenue storm drainage, Feb. 1927; letters from Charles D. Marx and Charles Gilman Hyde to Regional Planning Association, San Francisco, re study of pollution of the Bay by sewer discharge.</p>
Folder 114g	<p>Lerida Avenue slide.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; report to City of Oakland Engineering Commission; and article by Chester R. Hunt from <i>Western Construction News</i>, April 10, 1927.</p>
Folder 114h	<p>Inlet time and runoff factor.</p> <p>Physical Description: 1 folder, graphs, maps.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; report by T.F. Eastman on development of runoff factor, Feb. 1928; and articles on sewer design.</p>
Folder 114i	<p>Rainfall records [to 1927]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes.</p>
Folder 114j	<p>Rainfall intensity to 1927.</p> <p>Physical Description: 1 folder, graphs.</p>
Folder 114k	<p>Sewer gagings.</p> <p>Physical Description: 1 folder, graphs, tables.</p> <p>Scope and Content Note</p> <p>Contents include: Data from Los Angeles and Visalia.</p>
Folder 114 l	<p>Storm sewers -- Tidal elevation.</p> <p>Physical Description: 1 folder, tables.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; data.</p>
Folder 114m	<p>Strawberry Creek runoff.</p> <p>Physical Description: 1 folder, graphs, tables, diagrams.</p> <p>Scope and Content Note</p> <p>Contents include: <i>Water resources of Strawberry Creek, Berkeley, Cal.</i>, reprint by William Gardner Reed and H.M. Loy from <i>Monthly Weather Review</i>, (Jan. 1915, v. 43, p. 35-39); notes; data, and extract of report by O.C. Merrill and Charles Gilman Hyde re Strawberry Creek as water supply for U.C., 1909.</p>
Folder 114n	<p>Tide data.</p> <p>Physical Description: 1 folder, graphs, tables, diagrams.</p>

Berkeley

Box 23,
Folder 117a

Lee, Charles Hamilton**Report on storm sewer survey, City of Berkeley, California. May 8, 1928.**

Physical Description: 66 l. graphs, tables, maps.

Scope and Content Note

Contents include: Supplementary report, May 15, 1928; letter report from A.J. Eddy, City Engineer, for selection of alternative plan, additions, and cost.

Folder 117b

[General miscellaneous]

Physical Description: 1 folder, map, diagrams.

Scope and Content Note

Contents include: Notes; data; clippings; material relating to bond issue for sewer construction; a copy of *Ordinances, rules and regulations governing plumbing and sewerage in the City of Berkeley, 1921*; *Caring for surface drainage at street intersections*, by C.H. Thomas, from *The Highway Magazine*, (XXII, no. 4, pp. 104-107, April 1931); and *Unique street intersection drainage system employed by City of Berkeley*, by R.T. Reinhardt in *Western City*, (Feb. 1931).

Folder 117c

[Miscellaneous notes]

Physical Description: 1 folder, maps.

Folder 117d

[Specifications and bids]

Physical Description: 1 folder.

Folder 117e

[Costs and progress report]

Physical Description: 1 folder, maps.

Folder 117f

Map of City of Berkeley and Albany and a portion of Oakland Township: proposed installation of main sanitary and storm sewers. 1928.

Physical Description: map, 80 x 89 cm. (Scale: 1 = 1000').

Item located in WRCA map case

Folder 117g

Woodworth, L.A**[Strawberry Creek drainage area] 1922 - 1923.**

Physical Description: map, 60 x 79 cm. (Scale: 1 = 500').

Item located in WRCA map case

Atherton (Bear Gulch Water Company)

Box 23,
Folder 118a

Lee, Charles Hamilton**Report on application of Bear Gulch Water Company for increase in rates (Application no. 14373 C.R.C. filed Jan. 26, 1928). San Francisco, Sept. 19, 1928.**

Physical Description: 40 l. graphs, tables, diagrams.

Folder 118b

[Graphs supporting report]

Physical Description: 1 folder.

Folder 118c **[Preliminary report. July 1928]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Portions of *Preliminary report on application of Bear Gulch Water Company for increase in rates*, July 28, 1928, and *Report on application of Bear Gulch Water Company*, Sept. 19, 1928.

Folder 118d **[Water rates]**
Physical Description: 1 folder, graphs.
Scope and Content Note
Contents include: Report by H.B. Foster on proposed developments of Bear Gulch Water Company, 1928, and comparison of water rates for various Bay Area water companies.

Folder 118e **[Salinity, Peninsula wells]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Field notes.

Bear Gulch Water Company

Box 23,
Folder 120a **Lee, Charles Hamilton**

Report of service conditions in Woodside system of Bear Gulch Water Company. San Francisco, Oct. 1928.
Physical Description: 17 l.

Folder 120b **Kneese, George A.**
Woodside Fire District, San Mateo County, California. 1926.
Physical Description: map, 73 x 128 cm. (Scale: 1 = 1320').
Item located in WRCA map case
Scope and Content Note
Includes information on water distribution system. In December 1926, became Bear Gulch Water Company service area.

Stockton

Box 23,
Folder 121a **[General, 1926-1929]**
Physical Description: 1 folder, graphs, diagrams.
Scope and Content Note
Contents include: Well data, including logs and water levels; field notes; and *Chloramine and crenothrix*, by W.F. Monfort and O.A. Barnes, in *Journal of the American Water Works Association* (6:196, 1919).

Folder 121b **Lee, Charles Hamilton**
Preliminary report on occurrence of crenothrix and leptothrix in Stockton Water Works and method of control. San Francisco, March 12, 1929.
Physical Description: 16 l.

Folder 121c **Lee, Charles Hamilton**
Report on experimental treatment plant, Stockton, by Charles H. Lee and K.W. Brown. San Francisco, March 19, 1929.
Physical Description: 5 l. diagram.
Scope and Content Note
Prepared by Public Works Engineering Corp. for California Water Service Co.

- Folder 121d **Distribution system of Stockton. National Board of Fire Underwriters, Oct. 1928.**
 Physical Description: map (Scale: 1 = 600').
- Glenn-Colusa Irrigation District (Williams, Calif.)**
- Box 23,
Folder 122a **Lee, Charles Hamilton**
- Drainage of irrigated lands at Williams, California; preliminary report to Board of Directors, Glenn-Colusa Irrigation District. San Francisco, Sept. 1929.**
 Physical Description: 30 l. graphs, maps.
- Folder 122b **[Miscellaneous]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes; data; maps.
- Folder 122c **[Topography, Williams area, showing water table contours, depth contours, channel ridges, and crop grown.] 1929.**
 Physical Description: map, 85 x 110 cm. (Scale not given).
 Item located in WRCA map case
- Chenery Reservoir**
- Box 24,
Folder 123a **Lee, Charles Hamilton**
- Methods for reducing leakage from Chenery Reservoir near Clyde, California. San Francisco, May 23, 1930.**
 Physical Description: 47 l. graphs, tables, photos.
 Scope and Content Note
 Report to Public Works Engineering Corp.
 Contents include: Letter from Oswald Speier to M.M. O'Shaughnessy, S.F. Water Department, regarding successs of bentonite process.
- Folder 123b **Diagrams for final Chenery Reservoir leakage report, May, 1930.**
 Physical Description: 1 envelope, 13 diagrams, photo.
- Folder 123c **Enclosures -- Report of Oct. 1, 1930.**
 Physical Description: 1 envelope, 7 diagrams.
- Folder 123d **Enclosures -- Report of Nov. 1929.**
 Physical Description: 1 envelope, 5 diagrams, prints.
- Folder 123e **Current maps & profiles, etc., 1930.**
 Physical Description: 1 folder.
- Folder 123f **Current data, 1931.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes; correspondence, laboratory tests; cost estimates.

Folder 123g	<p>California Water Service -- Current data, 1930.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; correspondence; photos.</p> <p>Lodi vs. East Bay Municipal Utilities District</p>
Box 24, Folder 124a	<p>Defendant's exhibits.</p> <p>Physical Description: 1 folder, maps, tables, graphs.</p> <p>Scope and Content Note</p> <p>Contents include: Outline of C.H. Lee testimony.</p>
Folder 124b	<p>Data.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; tables; graphs.</p>
Folder 124c	<p>Widdows, Charles H.</p> <p>Woodbridge Irrigation District, San Joaquin County, Calif. 1927.</p> <p>Physical Description: map, 88 x 60 cm. (Scale: 4 cm - 1 mi.)</p> <p>Item located in WRCA map case</p>
Folder 124d	<p>East Bay Municipal Utility District.</p> <p>Map of Mokelumne River Area... showing principal factors affecting fluctuations of U.S.G.S. observation wells for years 192601930. 1931.</p> <p>Physical Description: 2 maps, 60 x 86 cm. (Scale: 1" = approx. 1-1/8 mi.).</p> <p>Item located in WRCA map case</p>
folder 124e	<p>East Bay Municipal Utility District.</p> <p>Map of Mokelumne River Area1931</p> <p>Physical Description: 2 maps, 90 x 84 cm (Scale: 1" = 1-1/8 mi.)</p> <p>Item located in WRCA map case</p>
Folder 124f	<p>East Bay Municipal Utility District.</p> <p>Map of Mokelumne River area... ground water contours. 1931.</p> <p>Physical Description: 7 maps, 68 x 92 cm. (Scale: 1" = approx. 1-1/8 mi.)</p> <p>Item located in WRCA map case</p> <p>Scope and Content Note</p> <p>Positive photocopy with colored pencil notation, first map outlines watersheds, second map outlines geologic characteristics of region</p>
Folder 124g	<p>U.S. Geological Survey.</p> <p>Map of bottom land of the Mokelumne River, California, showing the areas covered by various species of vegetation. 1931.</p> <p>Physical Description: map, 51 x 130 cm. (Scale: 1:31680).</p> <p>Item located in WRCA map case</p> <p>Scope and Content Note</p> <p>Positive photocopy with colored pencil notation.</p>
Folder 124h	<p>Lee, Charles Hamilton</p>

[Mokelumne River showing old stream flow lines, fan divisional lines, extreme water-plane depression lines, and soil divisional lines. n.d.]

Physical Description: map, 94 x 145 cm. (Scale: 1:31680).

Item located in WRCA map case

Folder 124i

Approximate profile of Mokelumne River from New Hope Landing to Lancha Plana gaging station. [n.d.]

Physical Description: chart, 56 x 123 cm.

Item located in WRCA map case

Folder 124j

East Bay Municipal Utility District.

Map of Mokelumne River area showing locations of aeroplane photographs, and cross sections of Mokelumne River channel.

Physical Description: map, 77 x 100 cm. (Scale: 1" = approx. 1.1 mi.)

Item located in WRCA map case

Salt Water Barrier (San Francisco Bay)

Box 24,
Folder 126a

Lee, Charles Hamilton

Report on evaporation and transpiration losses from proposed salt water barrier project. San Francisco, Aug. 27, 1930.

Physical Description: 42 l. graphs, tables, maps, photos.

Folder 126b

Fresh water evaporation data.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes and data.

Folder 126c

Maps, drawings and data.

Physical Description: 1 folder.

Wilmar Well Field (San Gabriel Valley)

Box 25,
Folder 127a

Lee, Charles Hamilton

Preliminary report on Wilmar Well Field as a source of additional water supply for Belvedere District of California Water Service Co. San Francisco, Sept. 15, 1930.

Physical Description: 28 l. graphs, tables, map.

Scope and Content Note

Report to Public Works Engineering Corporation.

Folder 127b

[Maps]

Physical Description: 1 folder, 3 maps.

Folder 127c

[Diagrams (orig.)]

Physical Description: 1 envelope, 3 diagrams.

Reservoir Sealing - Bentonite Process

Box 25,
Folder 128

Reservoir sealing, patent & materials. 1930-1932.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; clipping; pamphlets; notes; reprint, *Sealing Chenery Reservoir: Novel method uses bentonite suspension*, by Charles H. Lee, from Western Construction News, (Dec. 25, 1930, pp. 621-625); and clipping, *Tunneling a water-bearing fault by cementation*, by J.S. Crawhall, from Engineering News-Record, (May 30, 1929, pp. 874-877).

Cassinelli Ranch (Half Moon Bay)

Box 25,
Folder 131a

Lee, Charles Hamilton

Report on water supply possibilities of Cassinelli Ranch as a site for San Francisco City and County Jail. San Francisco, March 24, 1931.

Physical Description: 7 l. tables, maps.

Scope and Content Note

Contents include: Field notes.

Folder 131b

Lee, Charles Hamilton

Supplemental report on water supply possibilities of Cassinelli Ranch as a site for San Francisco City and County Jail. San Francisco, March 31, 1931.

Physical Description: 6 l. map.

Sveadal Resort (Santa Clara County)

Box 25,
Folder 132

[Sveadal Resort (Santa Clara County) water supply] 1931.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Field notes; data; and *Report on inspection of water conditions and use of water on Uvas Creek from Sveadal Resort to Gilroy Water-works dam*, by Charles H. Lee, San Francisco, Sept. 1931 (5 l. map).

Western Pacific Railroad Company

Box 25,
Folder 133a

Lee, Charles Hamilton

Report on cause of cracking and subsequent movement of concrete lining of Tunnel no. 32, Western Pacific Railroad Company near Keddie, California. San Francisco, July 1932.

Physical Description: 8 l. graphs, photos.

Scope and Content Note

Contents include: Correspondence (1932), with Perry Byerly re longitudinal seismic wave length; and extract of 1928 paper by Donald C. Barton, *The seismic method of mapping geologic structure*.

Folder 133b

[Computations]

Physical Description: 1 folder.

Scope and Content Note

Contents include: *Memorandum on effect of explosives used in highway cut over Tunnel 32*, by Charles H. Lee; and *Memorandum on causes of damage to concrete lining of Tunnel no. 32, Western Pacific Railway*, by Charles H. Lee.

- Folder 133c **[Precipitation data and memoranda]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Graphs and memoranda by Charles H. Lee-- Comments on reports submitted by Division of Highways in regard to damage at Western Pacific Railway Tunnel 32, *memorandum on possibility of soft rock back of concrete lining in Tunnel 32 swelling with moisture* , and *Method of analyzing stresses in concrete lining of Tunnel no. 32 for conditions prior to highway operations.*
- Folder 133d **[Reports of the Division of Highways]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Reports re geologic and structural conditions at Tunnel 32, Western Pacific Railroad, by H. deNormandie, J.H. Farrell, R.M. Gillis, M. Palmieri, A.A. Eremin, and F. Haselwood.
- Folder 133e **[Memoranda, reports and prints for Western Pacific Railroad]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Letter reports by W.P.P.R. employees and geologists Hyde Forbes and Andrew C. Lawson.
- Folder 133f **Hamill, Harold B.**
 [Stress analysis of tunnel] July 1932.
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Prints and calculations.
- San Joaquin Valley**
- Box 25,
Folder 134a **Lee, Charles Hamilton**

 Permanence of economic ground water supply as related to security of farm loans in upper San Joaquin Valley, California; report to Federal Land Bank of Berkeley. San Francisco, Dec. 20, 1933.
 Physical Description: 125 l. graphs, tables.
- Folder 134b **Lee, Charles Hamilton**
 Relation of Central Valley Project to land values as security for farm loans in San Joaquin Valley; report to Federal Land Bank of Berkeley. San Francisco. Feb. 9, 1934.
 Physical Description: 39 l. tables.
 Scope and Content Note
 Contents include: Copy of Central Valley Project Act.
- Folder 134c **General data.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes.
- Folder 134d **General maps.**
 Physical Description: 1 folder, 11 maps.
 Scope and Content Note
 Contents include: Ground water profiles.
-

- Folder 134e **Water level data not shown in report.**
 Physical Description: 1 envelope, graphs.
- Golden Gate International Exposition**
- Box 26,
Folder 138a **U.S. Corps of Engineers (Army).**

 Yerba Buena Shoal Reclamation Project, San Francisco Bay, Calif. [1937?]
 Physical Description: 33 l. diagrams.
 Scope and Content Note
 Annotated.
- Folder 138b **[Exposition highway]**

 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes; diagrams; *Report on soil laboratory tests, subgrade of material from exposition highway, Yerba Buena Island*, by Charles H. Lee, San Francisco, June 1936; *Long Beach-Los Angeles Harbor breakwater*, by William S. Howard, Jr., from *Western Construction News and Highways Builder*, (May 10, 1933, pp. 231-233); *Deep open caissons for Bay Bridge*, by C.H. Purcell, Charles E. Andrew, and Glenn B. Woodruff, from *Engineering News-Record*, (Aug. 23, 1934, pp. 227-233); and *Bay Bridge foundations built with unique domed caissons*, by C.H. Purcell, Charles E. Andrew, and Glenn B. Woodruff in *Engineering News-Record*, (April 5, 1934, pp. 431-436).
- Folder 138c **Lee, Charles Hamilton**
 Report on treatment and disposal of sewage from Treasure Island. San Francisco, March 14, 1938.
 Physical Description: 29 l. tables, diagrams.
 Scope and Content Note
 Prepared for Golden Gate International Exposition, Department of Works.
 Contents include: Letter from Charles Gilman Hyde to Department of Health recommending approval of plan.
- Folder 138d ***Journal of the Western Society of Engineers, Vol. 40, no. 2, April 1935.***
 Scope and Content Note
 Contents include: Article, *Design of water and sewer utilities -- A century of progress, 1933*, by A.N. Wardle, annotated by Charles Lee.
- Folder 138e **[Miscellaneous articles, clippings and correspondence]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: articles about construction of the Golden Gate Exposition, by Charles H. Lee, Samuel G. Blythe, W.P. Day, Robert F. Lauenstein, Floyd H. MacMorran, A.P. Malley, and S.H. Van Gelder.
- Folder 138f **Exposition fill; water levels in test holes, Jan. 1, 1937 to Sept. 30, 1937, compiled by Division of Water Supply and Sanitation.**
 Physical Description: 1 v. graphs.
- Folder 138g **Exposition fill; water level in test holes, Oct. 1, 1937 to Sept. 30, 1938, compiled by Division of Water Supply and Sanitation.**
 Physical Description: 1 v. graphs.
-

- Folder 138h **Lee, Charles Hamilton**
Report on soil drainage and leaching at Treasure Island. San Francisco, Jan. 21, 1938.
Physical Description: 36 l. tables, diagrams.
Scope and Content Note
Contents include: Clippings and articles.
- Folder 138i **Soil drainage & leaching report diagrams.**
Physical Description: 1 folder.
- Folder 138j.1 **Photographs.**
Physical Description: 1 album.
- Folder 138j.2 **[Photographs]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Clippings on Treasure Island from *Public Works* (v. 68, no. 8, Aug. 1937), and *Engineering News-Record* (April 29, 1937).
- Box 27,
Folder 138k **Golden Gate International Exposition.**
Rules and regulations... 1939.
Physical Description: 4 v.
Scope and Content Note
Contents include: Rules and regulations for exhibitors, concessionaires, grounds and buildings, and state exhibits.
- Folder 138 l **Lee, Charles Hamilton**
Catholic protection on domestic distribution system at Treasure Island. San Francisco, Oct. 1939.
Physical Description: 38 l. illus., graphs, tables.
Scope and Content Note
Paper presented at the Meeting of the California Section, AWWA, at San Francisco, Oct. 26, 1939.
- Folder 138m **Catholic pipe protection.**
Physical Description: 1 v.
Scope and Content Note
Contents include: Diagrams; notes; reports and papers.
- Folder 138n **Lee, Charles Hamilton**
Sealing the clay lining of the lagoon at Treasure Island by use of sea water. San Francisco, July 1939.
Physical Description: 28 l. illus., graphs, tables.
Scope and Content Note
Presented at the meeting of the Soil Mechanics and Foundation Division, ASCE, at San Francisco, Calif., July 26, 1939.
- Folder 138o **Lee, Charles Hamilton**

	<p>Sewage pumping and disposal at Treasure Island. San Francisco, Sept. 1939. Physical Description: 27 l. illus., diagrams. Scope and Content Note Presented at the Meeting of the California Sewage Works Association at Oakland, Calif., Sept. 18, 1939.</p>
Folder 138p	<p>Chicago, Ill. Board of Underwriters of Chicago. Extracts from <i>A Century of Progress Exposition</i>, 1933-34. Chicago, the Board [n.d.] Physical Description: 9 l.</p>
Folder 138q	<p>Markwart, A.H. Excerpts from <i>Building an exposition</i>, report of the activities of the Division of Works of the Panama-Pacific International Exposition covering the pre-Exposition period... ending Feb. 20, 1915. San Francisco, 1915. Physical Description: 32 l. Scope and Content Note Contents include: Water supply and sewer systems.</p>
Folder 138r	<p>Markwart, A.H. Maps accompanying <i>Excerpts from Building an exposition...</i> [San Francisco, 1915] Physical Description: 1 v.</p>
Folder 138s	<p>Dewell, H.D. Report of the activities of the Bureau of Domestic Water Supply, Panama-Pacific International Exposition. [San Francisco, n.d.] Physical Description: 7 l.</p>
Folder 138t	<p>Panama-Pacific International Exposition. Division of Works. Tabulated data on water supply. Physical Description: 1 v.</p>
Folder 138u	<p>Todd, Frank Morton Extracts from <i>The Story of the Exposition</i>. San Francisco, Panama-Pacific International Exposition, 1921. Physical Description: 10 l. tables.</p>
Folder 138v	<p>Sewage disposal diagrams. Physical Description: 1 folder.</p>
Folder 138w	<p>Design basis [water supply and sewer systems] Physical Description: 1 folder.</p>
Folder 138x	<p>Outfall sewer. Physical Description: 1 folder. Scope and Content Note Contents include: Data and reports.</p>
Folder 138y	<p>[Correspondence with George Roddam, Georgetown, British Guiana] Physical Description: 1 folder. Scope and Content Note Contents include: Excerpt of <i>Proc. of the Institution of Civil Engineers</i>, v. 236, Session 1932-33, <i>The main drainage of Georgetown, British Guiana</i>, by G.H. Humphreys and I.M.E. Aitken.</p>

- Folder 138z **Storn sewer -- Rainfall and runoff.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Data; graphs; memoranda.
- Folder 138z.1 **San Francisco Bay Exposition. Division of Water Supply and Sanitation.**
 Golden Gate International Exposition, 1939 -- key plan of the grounds. 1938.
 Physical Description: 9 maps, 65 x 100 cm. (Scale: 1 = 200').
 Item located in WRCA map case
 Scope and Content Note
 Maps show water level contours.
- Folder 138z.2 **San Francisco Bay Exposition. Division of Water Supply and Sanitation.**
 Plot plan of Exposition grounds showing permanent well points. 1938.
 Physical Description: map, 107 x 182 cm. (Scale not given).
 Item located in WRCA map case
- Caldecott Tunnel (Alameda-Contra Costa Counties)**
- Box 28,
Folder 139a **Lee, Charles Hamilton**

 Broadway Tunnel data, compiled by Charles H. Lee, Sept. 10, 1935 to July 13, 1937.
 Physical Description: 2 v.
 Scope and Content Note
 Contents: (V.1), Preliminary and general, caveins, Lee's rock samples, general notes--rock destruction, geology and conferences, engineering interviews and conferences, U.C. compression tests, unit weight tests, porosity tests, true specific gravity tests; (V.2), Moisture tests, slaking tests, exposure tests--Orindan shale, tunnel specifications, other tunnels and general tunnel data.
- Folder 139b **[Memoranda and faulting data]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Profile of EBMUD Claremont Tunnel.
- Folder 139c **Tunnel profiles.**
 Physical Description: 1 folder.
- Folder 139d **Water.**
 Physical Description: 1 v. graphs, tables.
 Scope and Content Note
 Contents include: Drain logs; records of springs and flows; notes on tunnel conditions; and lab reports on water analysis.
- Folder 139e **[Field notes, photos and miscellaneous]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Portion of specifications annotated in regard to contractor's complaints.
- Folder 139f **Lee, Charles Hamilton**

Broadway Tunnel timber records and notes on condition and repair of timbering, Feb. 13, 1935, to March 10, 1936, compiled by Charles H. Lee from records kept by Inspector E.W. Ray.

Physical Description: 1 v.

Folder 139g

Lee, Charles Hamilton

Broadway Tunnel inspection notes, Sept. 16, 1935, to July 13, 1937.

Physical Description: 1 v.

Folder 139h

Lee, Charles Hamilton

Broadway Tunnel log of rock material in down grade tunnel, Jan. 1, 1935 to Jan. 12, 1936, compiled by Charles H. Lee from E.W. Ray's daily inspector reports.

Physical Description: 1 v.

Folder 139i

Lee, Charles Hamilton

Broadway Tunnel log of rock material in up grade tunnel, Jan. 1, 1935 to June 12, 1936, compiled by Charles H. Lee from E.W. Ray's daily inspector reports.

Physical Description: 1 v.

Folder 139j

Spring and well flow graphs.

Physical Description: 1 folder.

Colorado River Aqueduct -- Tunnels

Box 29,

Folder 140a

Lee, Charles Hamilton

Precipitation run-off studies, Cajalco Creek Watershed. San Francisco, Oct. 15, 1936.

Physical Description: 35 l. graphs, tables, map.

Folder 140b

Precipitation data.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Data; map; correspondence; report, *Increase of precipitation with elevation on mountain slopes in Southern California*, by Charles H. Lee, April 1937.

Folder 140c

Precipitation studies, San Jacinto-Valverde-Cajalco areas.

Physical Description: 1 v.

Folder 140d

Daily rainfall data: Riverside, Elsinore, Corona, Arlinton [sic], Tunnel Ranch, Santa Rosa Ranch Gate [and] Daily discharge data: Murrieta Creek, San Timoteo Creek.

Physical Description: 1 v. graphs, tables.

Folder 140e

Absorption.

Physical Description: 1 folder.

Folder 140f

Evaporation and transpiration studies, Cajalco area.

Physical Description: 1 folder, tables, diagrams.

Folder 140g

Geology -- San Jacinto Tunnel

Physical Description: 1 folder, maps, diagram.

Scope and Content Note

Contents include: Paper by L.H. Henderson, *Detailed geological mapping and fault studies of the San Jacinto Tunnel line and vicinity*, *Journal of Geology* (v. XLVII, no. 3, April-May 1939).

Folder 140h	<p>Ransome, F.L. Extracts from <i>Final geological report on the San Jacinto Tunnel line, Colorado River Aqueduct</i>. March 12, 1932. Physical Description: 1 v. Scope and Content Note Contents include: Material dealing mainly with geologic and soil conditions and groundwater.</p>
Box 30, Folder 140i	<p>San Jacinto Tunnel; Wolfskill vs. M.W.D. Physical Description: 1 folder. Scope and Content Note Contents include: Memoranda and notes; data; photos; maps; clippings and legal documents.</p>
Folder 140j	<p>Metropolitan Water District of Southern California vs. Adams. Physical Description: 1 folder. Scope and Content Note Contents include: Data; correspondence; photos; outline of Charles H. Lee testimony and exhibits. See also File 140b.</p>
Folder 140k	<p>Cajalco permeability laboratory tests. Physical Description: 1 folder, tables.</p>
Folder 140 l	<p>Sonderegger, A.L. Test of soils and disintegrated granite. Metropolitan Water District of Southern California, July 1934. Physical Description: 7 l. tables. Scope and Content Note Contents include: Memo from R.E. Rule critical of findings.</p>
Folder 140m	<p>Cajalco meteorological record. Physical Description: 1 v.</p>
Folder 140n	<p>Sonderegger, A.L. Report on water supply of Cajalco Creek. Los Angeles, Aug. 1933. Physical Description: 23 l. tables.</p>
Folder 140o	<p>N.W. Passage. Physical Description: 1 folder. Scope and Content Note Contents include: Data on Cajalco wells and dike.</p>
Folder 140p	<p>Valverde Tunnel. Physical Description: 1 folder. Scope and Content Note Contents include: Data; notes; maps; excerpts from report by A.L. Sonderegger on ground water conditions, and report, <i>Valverde Tunnel water and formation record</i>.</p>
Folder 140q	<p>[Proposed Cajalco Reservoir and vicinity, July 1933] Physical Description: map, (Scale: 1 - 2000')</p>

Folder 140r **[Temescal Water Co. vs. Metropolitan Water District of Southern California]**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Maps; and reports, *Temescal Water Company vs. M.W.D.*, by A.L. Sonderegger; and *Historical data, Temescal Creek drainage system*, by E.W. Hilgard.

Folder 140s **Metropolitan Water District of Southern California.**
 General map, San Jacinto tunnel; water measurement stations. 1932.
 Physical Description: map, 39 x 110 cm. (Scale not given)
 Item located in WRCA map case

Folder 140t **Lee, Charles Hamilton**
 Location of hydrographic stations, Potrero area showing stream cones and springs. 1936.
 Physical Description: map, 57 x 100 cm. (Scale not given)
 Item located in WRCA map case

Menlo Country Club

Box 30,
Folder 141 **Menlo Country Club.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Data; and letter report on Club's wells.

Cottonwood Creek (Shasta County)

Box 30,
Folder 142 **Lee, Charles Hamilton**
 Memorandum report on effect of diversion and use of water from Middle Fork Cottonwood Creek, as proposed by Roaring River Gold Dredging Co. in application No. 8521, State Division of Water Rights. San Francisco, March 14, 1936.
 Physical Description: 12 l. tables, photos, maps.

Tia Juana Valley (Allen vs. California Water & Telephone Company)

Box 31,
Folder 144a **Lee, Charles Hamilton**
 Report to Valley Water Committee on ground water supply of Tia Juana Valley in San Diego County, California. San Francisco, Jan. 10, 1940.
 Physical Description: 91 l. graphs, tables, maps.

Folder 144b **Rodriguez Dam.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes; data; correspondence, etc.

Folder 144c **California. Department of Public Works.**
 Special report no.1 of referee, Tia Juana Basin. July 1954.
 Physical Description: 94 l. graphs, tables, maps.

Folder 144d **Marvin L. Allen et al vs. Calif. Water & Telephone Co.**
 Plaintiff's exhibits no.1 to 50, inclusive.
 Physical Description: 1 v.

Folder 144e **Baumann, Paul**

	<p>[Affidavit]</p> <p>Physical Description: 6 l.</p> <p>Scope and Content Note</p> <p>Deals with water spreading.</p>
Folder 144f	<p>California. Department of Public Works.</p> <p>Third report to the court on watermaster control and regulation. June 22, 1948.</p> <p>Physical Description: 22 l. graphs.</p>
Folder 144g	<p>California. State Water Rights Board.</p> <p>Draft of final report of referee, Tia Juana Basin. July 1957.</p> <p>Physical Description: 3 l.</p>
Folder 144h	<p>[Water spreading in Tia Juana Basin]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; calculations; papers, <i>Ground water phenomena related to basin recharge</i>, by Paul Baumann in <i>Proceedings ASCE</i> (v.81, Sept. 1955) and <i>Discussion; Water problems of the Tia Juana River, San Diego, California</i>, by John M. Page, presented at ASCE Annual Convention, San Diego, Feb. 9, 1955; and <i>Advanced California Appellate Reports</i> (April 20, 1945).</p>
Folder 144i	<p>Originals of pretrial notes and tabulations, July 1953.</p> <p>Physical Description: 1 envelope.</p>
Folder 144j	<p>Notes, tables and diagrams, Allen vs. C.W. & T. Co., pre-trial, 1947-1953.</p> <p>Physical Description: 1 v.</p>
Folder 144k	<p>Field notes of Charles H. Lee, Jan. 1937-July 1953.</p> <p>Physical Description: 1 v.</p>
Box 32, Folder 144 l	<p>C.W. & T. Co. water spreading.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; data; and diagrams.</p>
Folder 144m	<p>Plaintiff's exhibits, July 1953.</p> <p>Physical Description: 1 v.</p>
Folder 144n	<p>Well and pump data, Tia Juana Valley, 1924-1945.</p> <p>California Water and Telephone Company [n.d.]</p> <p>Physical Description: 1 v.</p>
Folder 144o	<p>Seepage -- Tia Juana River.</p> <p>Physical Description: 1 folder.</p>
Folder 144p	<p>Tia Juana Valley water levels in test wells, 1924-1946.</p> <p>Physical Description: 1 v.</p>
Folder 144q	<p>California. Legislature. Joint Committee on Water Problems.</p>

Allocation of the waters of the Tijuana River under the treaty between United States and Mexico of 1944. California Senate, May 1953.

Physical Description: 55 p. maps.

Scope and Content Note

Fifth partial report on water problems of the State of California.

Folder 144r

Plaintiff's physical solution.

Physical Description: 1 folder, tables, map.

Folder 144s

Trial documents, etc., July 1953.

Physical Description: 1 folder.

Folder 144t

Dr. Wilson's report on ground water quality in Lower Tia Juana Valley.

Physical Description: 49 l. tables.

Scope and Content Note

Defense exhibit 3.1, admitted March 21, 1941.

Folder 144u

Tia Juana River Irrigation District communication to State Engineer regarding proposed Mexican development on Tijuana River.

Physical Description: 7 l. tables, map.

Folder 144v

Well logs and ground water storage.

Physical Description: 1 folder.

Folder 144w

Duty of water.

Physical Description: 1 folder.

Folder 144x

Extra copies [of tables, diagrams, and maps]

Physical Description: 1 folder.

Folder 144y

Tia Juana Basin Reference Engineering Advisory Committee. Meeting, Nov. 19, 1953 -- Specific yield.

Physical Description: 1 folder, diagrams, maps.

Folder 144z

Tia Juana Basin Reference Engineering Advisory Committee. Third meeting, March 5, 1954.

Scope and Content Note

Contents include: Notes; correspondence; and data.

Box 33,
Folder 144aa

Tia Juana Basin Reference Engineering Advisory Committee.

Fourth meeting, 11/9/54.

Physical Description: 1 folder.

Folder 144bb

Tia Juana Basin Reference Engineering Advisory Committee.

Summary of referees analysis presented at sixth meeting of the Committee, Dec. 22, 1955, Los Angeles.

Physical Description: 1 v. diagrams, maps.

Key System (Emeryville, Calif.)

Box 33,
Folder 146a

Memoranda and correspondence, 1940.

Physical Description: 1 folder.

Folder 146b

Rainfall intensity data.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Additional memoranda and notes.

Folder 146c

Lee, Charles Hamilton

Report on flooding of Key System Subway at Emeryville, California. San Francisco, May 31, 1940.

Physical Description: 39 l. graphs, tables, maps.

Folder 146d

[General data]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Maximum flow, pump capacity, and tide data.

Folder 146e

File 146 photos and 8-1/2 x 11 drawings.

Physical Description: 1 envelope.

Walnut Creek, Calif. (L.G. Geary vs. William Hull)

Box 33,

Folder 147a

Notes and data.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Channel capacity, rainfall and runoff data.

Folder 147b

Rainfall [Walnut Creek]

Physical Description: 1 folder.

Folder 147c

[Correspondence and legal papers]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Some data and field notes; complaint and stipulation.

Goleta Valley

Box 33,

Folder 148a

Lee, Charles Hamilton

Goleta Valley well supply, preliminary report. San Francisco, Oct. 1940.

Physical Description: 14 l. map, diagrams.

Folder 148b

Fairchild Aerial Surveys, Inc.

[Goleta Valley, aerial photos]

Physical Description: 5 photos, 48 x 49 cm.

Item located in WRCA map case

Schofield Barracks, Hawaii

Box 34,

Folder 149c

Lee, Charles Hamilton

Additional water supply for Schofield Barracks, T.H.; preliminary report. San Francisco, Aug. 29, 1941.

Physical Description: 11 l. diagrams.

Folder 149b	<p>Sewage treatment notes and data -- Schofield Barracks, T.H. Physical Description: 1 v. diagrams. Scope and Content Note Contents include: Correspondence.</p>
Folder 149a	<p>Lee, Charles Hamilton Report on proposed sewage treatment plant at Schofield Barracks and Wheeler Field, Oahu, T.H. San Francisco, Oct. 17, 1941. Physical Description: 13 l. tables, map, photos. Scope and Content Note Contents include: Correspondence and review by Charles Gilman Hyde.</p>
Folder 149d	<p>Schofield Barracks water supply -- General. Physical Description: 1 folder. Scope and Content Note Contents include: Data.</p>
Folder 149e	<p>Schofield Barracks -- General. Physical Description: 1 folder. Scope and Content Note Contents include: Water supply data; memoranda of interviews, and <i>Operating instruction, Kaukonahua Gulch Sewage Disposal Plant.</i></p>
Santa Maria Valley	
Box 34, Folder 150a	<p>Lee, Charles Hamilton Possibility of salt water contamination from oil well operation in Santa Maria Valley, California; preliminary report. San Francisco, June 10, 1941. Physical Description: 29 l. graphs, tables.</p>
Folder 150b	<p>[General data and reports] Physical Description: 1 folder. Scope and Content Note Contents include: Data; notes; diagrams; and reports and reprints, <i>Quality of irrigation water in the Santa Maria Valley in Santa Barbara and San Luis Obispo Counties, California</i>, by Santa Maria Valley Water Conservation District, Dec. 1941; <i>California laws for conservation of petroleum and gas</i>, as amended through 1931; <i>API pipe-coating tests -- final report</i>, by Kirk H. Logan, API Nov. 1940; <i>Setting depths for casing</i>, by Blaine B. Wescott, C.A. Dunlop, and E.N. Kemler, API, May 1940; and <i>Information on collapsing pressures and setting depth for casing</i>, 2nd edition, API, 1940.</p>
Folder 150c	<p>Santa Maria Valley Water Conservation District. Physical Description: 1 folder.</p>
	<p>150d] [Compilation of correspondence, etc.] Physical Description: 1 v. Scope and Content Note Contents include: Correspondence; data; clippings, etc.</p>
Folder 150e	<p>[Prints and photostats - Stratigraphy of Santa Maria Oil Field] Physical Description: 1 envelope.</p>
Folder 150f	<p>Santa Maria Valley Water Conservation District.</p>

Topographic map of Santa Maria River Valley. 1937.

Physical Description: map, 53 x 72 cm. (Scale: 1-3/4 = 2 mi.)

Item located in WRCA map case

Richmond Shipbuilding Corporation

Box 35,
Folder 151

Richmond Shipbuilding Corporation. 1941.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Letter report by Charles H. Lee regarding protective treatment for wooden piles; and *Wood Preserving News* (v. XIX, no.6, June 1941).

Sonoma County

Box 35,
Folder 153

Lee, Charles Hamilton

Preliminary report on slide at Mabel A. Williams property near Monte Rio, Sonoma County, California. San Francisco, June 24, 1942.

Physical Description: 9 l. tables, diagrams.

Scope and Content Note

Contents include: Inspection notes.

San Margarita Ranch (San Diego County)

Box 35,
Folder 154

Santa Margarita Ranch, flood estate. 1941.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Letter report by Charles H. Lee regarding the water resources of Rancho Santa Margarita, San Diego County.

Putah Creek (Yolo County)

Box 35,
Folder 157

Lee, Charles Hamilton

Report on damage to bridge no.23-54R at South Fork Putah Creek during flood of Feb. 6, 1942. San Francisco, March 12, 1942.

Physical Description: 12 l. photos, maps.

Tooele County, Utah

Box 35,
Folder 158a
Folder 158b

General highway map, Tooele County, Utah. 1938.

Soils, Tooele Project.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; data; maps; and precipitation record to 1942.

Folder 158c

Sewage disposal.

Physical Description: 1 folder.

Scope and Content Note

Contents include: *Report on sewage treatment plant at Tooele Ordnance Depot, Tooele, Utah, accompanying plans dated Aug. 21, 1942* ; and *Operating instructions, sewage disposal plants, Tooele Ordnance Depot, Tooele, Utah, [both unsigned]*.

Folder 158d

Civil Engineers Associated.
Test pit and auger hole logs, Tooele Ordnance Depot. April 1942.
Physical Description: 17 l. diagrams, tables.

Folder 158e

Civil Engineers Associated.
Soil and gravel tests, Tooele Ordnance Depot, submitted by Utah State Materials Laboratory and Civil Engineers Associated. April 1942.
Physical Description: 1 v. graphs, tables, maps.

Folder 158f

Water supply.
Physical Description: 1 folder.
Scope and Content Note
Contents include: *Specifications for construction of 1,000,000 gallon concrete water tank for Tooele Ordnance Depot, Tooele, Utah.*

Pearl Harbor, Hawaii

Box 35,
Folder 159
Folder 159a

[See also File 170.](#)
Lee, Charles Hamilton
Report on soil investigation. San Francisco, Sept. 1942.
Physical Description: 17 l. tables, diagrams.
Scope and Content Note
For Builders Pearl Harbor Drydock Co., Contract no. 5049, Special Operation no.13.

Folder 159b

Paper.
Physical Description: 1 folder.
Scope and Content Note
Contents include: *The salvage of U.S.S. 'Oklahoma' at Pearl Harbor*, by Capt. F.H. Whitaker, presented at 52nd annual meeting, Society of Naval Architects and Marine Engineers, Nov. 1944; discussion, by Charles H. Lee; *Righting the Battleship Oklahoma*, *Engineering News-Record* (Nov. 2, 1944); and *Introduction to discussion of 'Oklahoma' salvage*, by George W. Noe, presented at Structural Engineers Association of Northern California meeting, Jan. 8, 1945.

Folder 159c

General data.
Physical Description: 1 folder, diagrams.

Treasure Island

Box 35,
Folder 160

Lee, Charles Hamilton
Report on subsoil conditions at Treasure Island with reference to construction and operation of Simpson Dry Docks. San Francisco, Aug. 21, 1942.
Physical Description: 10 l. diagrams.

Riverbank, Calif.

Box 36,
Folder 161a

Lee, Charles Hamilton
Proposed sewage treatment works, Aluminum Company of America, Riverbank plant. San Francisco, Oct. 31, 1942.
Physical Description: 26 l. tables, photos, diagrams, maps.

-
- Folder 161b **Plans and specifications.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: *Specifications for sewage treatment plant, Aluminum Company of America, Mead, Washington.*
- Folder 161c **Design notes, computations, diagrams.**
 Physical Description: 1 v.
- Folder 161d **[Map of Riverbank, Calif. n.d.]**
 Physical Description: map, (Scale: 4 = 1 mi.)
- Folder 161e **Specifications for sewage pumping station, sludge beds and effluent fields.**
 Physical Description: 1 v.
- Folder 161f **Specifications for Imhoff tank and force main.**
 Physical Description: 10 l.
- Folder 161g **Lee, Charles Hamilton**
 Operating instructions, sewage treatment plant, Aluminum Company of America, Riverbank, California.
 Physical Description: 9 l. diagram.

Mohave Valley

- Box 36,
Folder 162a **Lee, Charles Hamilton**

 [Notes of inspection trips in Mohave Valley, Colorado River and Lake Havasu, 1942-1946]
 Physical Description: 1 v.
 Scope and Content Note
 Contents include: Data; maps; and notes relating to trial of case; C.P. Vetter's *Report on the Needles situation*, U.S. Bureau of Reclamation, Dec. 1944; and water and miscellaneous data.
- Folder 162b **Lee, Charles Hamilton**
 Flooding of lands, Mohave Valley above Lake Havasu. San Francisco, April 17, 1943.
 Physical Description: 37 l. graphs, tables, map.
 Scope and Content Note
 [See also File 162j](#) for comments by C.C. Elder.
- Folder 162c **Lee, Charles Hamilton**
 Flooding of lands, Mohave Valley above Lake Havasu, supplemental report. San Francisco, April 1945.
 Physical Description: 18 l. tables, maps, diagrams.
 Scope and Content Note
 Two copies; c.2 lacks all illustrative material.
- Folder 162d **Report, 4/10/45.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Notes and data for report on flooding of lands in Mohave Valley.

- Folder 162e **Lee, Charles Hamilton**
Report on cause of flooding of lands owned by Cotton Land Company in Mohave Valley, Arizona. San Francisco, July 1946.
Physical Description: 43 l. tables.
Scope and Content Note
Plaintiff's exhibit 20.
- Folder 162f **California. Department of Public Works.**
Hydraulic reconnaissance for proposed crossing of Colorado River and bottoms near Needles. Sacramento, June 1940.
Physical Description: 68 l. tables, diagrams.
- Box 37,
Folder 162g **Correspondence, U.S.B.R., 1945-1946.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence with Bureau of Reclamation and others; data; maps.
- Folder 162h **U.S.G.S. data, Colorado River charts.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Stream gage data from Metropolitan Water District.
- Folder 162i **State of California.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence and state reports on Colorado River at Needles.
- Folder 162j **M.W.D.S.C. [Metropolitan Water District of Southern California]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Notes and memo from C.C. Elder criticizing Lee report on flooding of Mohave Valley lands, April 1943.
- Folder 162k **Township plats [Arizona bank of the Colorado River]**
Physical Description: 1 folder.
- Folder 162 l **Lee plan; Vetter plan.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence; notes; data on Colorado River diversion in Mohave Valley.
- Folder 162m **River profiles enlarged.**
Physical Description: 1 folder.

Folder 162n	<p>Reference data.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: <i>Retgression below Boulder Dam</i>, by W.E. Corfitzen, <i>Reclamation Era</i> (Oct. 1937); <i>Repairing the Laguna Dam on the Colorad</i>, by R.M. Priest, in <i>Engineering News-Record</i>, (v. 93, no. 25, Dec. 18, 1924); <i>Retgression of levels in river beds below dams</i>, by E.W. Lane in <i>Engineering News-Record</i> (June 28, 1934); <i>Computing backwater curves for surface slopes in streams</i>, by J.C. Stevens in <i>EN-R</i> (v. 95, no. 44, Oct. 1, 1925); <i>Effect of Rio Grande storage on river erosion and deposition</i>, by L.M. Lawson in <i>EN-R</i> (v. 95, no. 10, Sept. 3, 1925); and others.</p>
Folder 162o	<p>1945-1950 reference literature.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: <i>Colorado River -- silted channel dredging is planned</i>, by R.W. Davies, <i>Western Construction News</i> (Oct. 1947); <i>Raising the Colorado River dredge</i>, by C.P. Vetter, <i>West. Const. News</i> (June 15, 1950); <i>Construction finale at Davis Dam</i>, by Harold E. Dean in <i>West. Const. News</i> (Dec. 15, 1949); <i>Development of the Colorado River</i>, by E.A. Moritz, presented at the 1950 Spring Meeting, ASCE, Los Angeles, April 26-29, 1950; <i>Construction engineering problems at Davis Dam</i>, by H.F. Bahmeier, presented at 1950 Spring meeting, ASCE, Los Angeles, April 22-26, 1950; <i>Effects of dams and like obstructions in silt-bearing streams</i>, by Elmo G. Harris in <i>Engineering News-Record</i> (v. XLVI, no.7, Aug. 15, 1901); <i>Behavior of debris-carrying rivers in flood</i>, by F.N. Holmquist, <i>EN-R</i> (no.9, Feb. 26, 1925); <i>Why de-silting works for the All-American Canal?</i>, by C.P. Vetter, <i>EN-R</i> (March 4, 1937); and others.</p>
Folder 162p	<p>CHL [Charles H. Lee] field notes.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Photos; maps.</p>
Folder 162q	<p>Santa Fe maps.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: 11 maps and diagrams of Atchison, Topeka and Santa Fe Railway.</p>
Folder 162r	<p>California. Legislature. Joint Interim Committee on Water problems.</p> <p>Transcript of hearings at Needles, California, March 16, 1942, no.V.</p> <p>Physical Description: 38 l.</p>
Folder 162s	<p>Cotton Land Co. et al vs. United States of America.</p> <p>Findings of fact... Jan. 2, 1947.</p> <p>Physical Description: 23 l.</p>
Folder 162t	<p>Accretion computations.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Field notes; correspondence; data.</p>
Box 38, Folder 162u	<p>Legal file.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Briefs; petitions; decisions, etc.</p>

Livermore

Box 38,
Folder 164

Gandolfo Estate. 1942.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes and *Report on water supply at Gandolfo property at Livermore, Alameda County, California*, by Charles H. Lee, Nov. 13, 1942. (8 l.).

Pleasanton

Box 38,
Folder 165a

Lee, Charles Hamilton

Report on condition of earth levees, sewage oxidation basins, Camp Parks, Personnel Distribution Center, and U.S. Naval Hospital, Pleasanton, Calif. San Francisco, Nov. 1943.

Physical Description: 9 l. diagrams.

Folder 165b

[Water supply]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; data; and letter reports by C.H. Lee.

Hunters Point (San Francisco)

Box 38,
Folder 166a

Lee, Charles Hamilton

Report of field tests on rocks and sand proposed for filling north and south piers, contract NOy-5377, United States Naval Dry Docks, Hunters Point, California [by] Charles H. Lee [and] William W. Moore. San Francisco, June 14, 1943.

Physical Description: 9 l. tables, diagrams.

Folder 166b

Lee, Charles Hamilton

Preliminary report of field tests, sand and rock proposed for filling north and south piers... by Charles H. Lee and William W. Moore. San Francisco, May 25, 1943.

Physical Description: 1 l.

Folder 166c

Lee, Charles Hamilton

Report on laboratory tests, sand and rock proposed for filling north and south piers... [by] Charles H. Lee [and] William W. Moore. San Francisco, May 7, 1943.

Physical Description: 5 l. graphs, tables.

Scope and Content Note

Two copies, both annotated.

Folder 166d

Lee, Charles Hamilton

Report on laboratory tests, sand and rock proposed for crib backfill, Contract NOy-5377, Naval Dry Docks, Hunters Point, California. San Francisco, Feb. 10, 1943.

Physical Description: 6 l. tables.

Scope and Content Note

Two copies, both annotated.

Folder 166e

Lee, Charles Hamilton

Report on initial foundation plans for quay walls and piers... San Francisco, January 28, 1943.

Physical Description: 8 l. graphs, diagrams.

Folder 166f

Lee, Charles Hamilton

Soil stabilization studies, submarine base quay wall, Contract NOy-5377, United States Submarine Base, Hunters Point, California.

Physical Description: 2 l.

Scope and Content Note

[See also File 166j.](#)

Folder 166g

[Shock conditions; notes]

Physical Description: 1 folder.

Folder 166h

Lee, Charles Hamilton

First section of report, foundation studies, north quay wall. San Francisco, Dec. 29, 1942.

Physical Description: 14 l.

Scope and Content Note

Two copies, less legible copy is annotated.

Folder 166i

Lee, Charles Hamilton

Second section of report, foundation studies, north and south piers. San Francisco, Jan. 13, 1943.

Physical Description: 10 l. graphs, tables, diagrams.

Folder 166j

[Miscellaneous data]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; data; calculations; diagrams and *Soil stabilization for quay wall foundation at submarine repair base, contract NOy-5377, Naval Dry Docks, Hunters Point, California*, by Charles H. Lee, Feb. 5, 1943.

Folder 166k

Correspondence.

Physical Description: 1 folder, diagrams.

Folder 166 l

[North quay wall soils data]

Physical Description: 1 folder.

Scope and Content Note

Contents include: *Moving a mountain into San Francisco Bay*, by J.A. Ryan, in *Explosives Engineer* (Sept. - Oct. 1944).

Folder 166m

Drawings.

Physical Description: 1 folder.

Folder 166n

Pacific Bridge Co., Files 166, 168.

Physical Description: 1 folder.

Scope and Content Note

Correspondence, 1942-43 with George W. Noe.

Folder 166o

Lee, Charles Hamilton

Soil stabilization for quay wall foundation at submarine repair base... San Francisco, Feb. 5, 1943.

Physical Description: 11 l. diagrams.

Folder 166p

[Notes]

Physical Description: 1 folder.

Alameda

Box 39,
Folder 169a

Lee, Charles Hamilton

Report on sewage disposal facilities for outlying landing fields, Alameda Air Base. San Francisco, Feb. 20, 1943.

Physical Description: 10 l. tables.

Folder 169b

[Notes and data]

Physical Description: 1 folder.

Pacific Bridge Company

Box 39,
Folder 170
Folder 170a

[See also File 159.](#)

Lee, Charles Hamilton

Report on soil investigations. San Francisco, May 1943.

Physical Description: 9 l. diagrams.

Folder 170b

[Miscellaneous data for Pacific Bridge Co. salvage of Battleship Utah]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Data; correspondence; drawings, etc.

Rutherford

Box 39,
Folder 171a

Lee, Charles Hamilton

Report on sewage disposal facilities, Beaulieu Vineyard Winery, Rutherford, California. San Francisco, June 1943.

Physical Description: 9 l. diagrams.

Folder 171b

[Notes]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Field notes; drawings.

Vallejo

Box 39,
Folder 172a

Lee, Charles Hamilton

Report of sewage and drainage facilities for the proposed housing in the vicinity of Wilson Park, by Charles H. Lee and Clyde E. Bentley. San Francisco, July 16, 1943.

Physical Description: 19 l. diagrams, map.

Scope and Content Note

Prepared for Housing Authority of the City of Vallejo, National Housing Agency, Federal Public Housing Authority.

Folder 172b

Lee, Charles Hamilton

Report of available water supply for water system of the city of Vallejo with special reference to adequacy for additional housing, by Charles H. Lee and Clyde E. Bentley. San Francisco, Aug. 17, 1943.

Physical Description: 26 l. tables, diagrams, map.

Scope and Content Note

Prepared for Housing Authority of the City of Vallejo, National Housing Agency, Federal Public Housing Agency.

Folder 172c

Kempkey, Augustus

Vallejo Water supply, Gordon Valley Project, general map of pipe line from Gordon Valley to Fleming Hill. 1924.

Physical Description: map, 116 x 73 cm. (Scale 1" = 2000')

Item located in WRCA map case

Sanitation (Sonoma County)

Box 39,
Folder 173

Sonoma County Sanitary Report.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; resolutions; clippings; map; does not include report.

[See also File 184.](#)

Fallon, Nev.

Box 39,
Folder 174a

Lee, Charles Hamilton

Report on sewage treatment plant, Auxiliary Air Station, Fallon, Nevada. San Francisco, Oct. 4, 1943.

Physical Description: 12 l. diagram.

Folder 174b

Sewage disposal.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; notes; data; and *Subsoil waters of Newlands (Nev.) Field Station*, by Carl S. Scofield, C. Lloyd Moon, and Elmer W. Knight, *USDA Tech. Bull.* no. 533 (Oct. 1936); and *The work of the Truckee-Carson Reclamation Project Experiment Farm in 1916*, by F.B. Headley, U.S.D.A., Bureau of Plant Industry, *W.I.R. Circular* 19, (March 1918).

Vallejo Housing Authority, 1943

Box 39,
Folder 175

[Vallejo Housing Authority Housing Project no.4767. 1943]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Field notes; drawings; map. [See also File 177.](#)

Antioch

Box 39,
Folder 176a

Hooper (C.A.) Company.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; notes; maps.

Folder 176b

Lee, Charles Hamilton

Report on foundation conditions over a portion of Rancho Los Medanos near Antioch, California. San Francisco, Feb. 1, 1944.

Physical Description: 6 l. maps.

Vallejo Housing Authority, 1944

Box 39,
Folder 177

[Vallejo Housing Authority Project 4767; off-site roads and storm drainage. 1944]

Physical Description: 1 folder.

Scope and Content Note

[See also File 175.](#)

Oakland (McKillop Road Slide)

Box 39,
Folder 178a

Lee, Charles Hamilton

Report of investigations, McKillop Road Slide, Oakland, California. San Francisco, Oct. 31, 1944.

Physical Description: 1 v. graphs, tables, diagrams.

Folder 178b

[Data and miscellaneous]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Data; photos; notes; drawings, etc.

Guasti, Calif.

Box 39,
Folder 179a

[Correspondence re Italian Vineyard. 1944-1945]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Letter report, Feb. 1944.

Folder 179b

[Italian Vineyard notes]

Physical Description: 1 folder, diagram.

Pacific Bridge Company, Pit 3 (Alameda)

Box 39,
Folder 180

Lee, Charles Hamilton

Report on soil conditions at Pit 3. San Francisco, May 16, 1944.

Physical Description: 14 l. diagrams.

Scope and Content Note

Prepared for Pacific Bridge Co., Shipyard Division, Alameda, Calif.

Rancho Los Medanos (Antioch)

Box 40,
Folder 181
Folder 181a

[See also Files 176, 188.](#)

Lee, Charles Hamilton

Report of foundation conditions on portion of Rancho Los Medanos near Antioch and Pittsburg, Calif. San Francisco, July 17, 1944.

Physical Description: 4 l. diagrams.

Scope and Content Note

Contents include: Logs of test holes.

Folder 181b

[Data and notes]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Well logs; maps; notes.

Sewage Disposal (Berkeley)

Box 40,
Folder 182a

Lee, Charles Hamilton

Report on disposal of sewage from City of Berkeley. San Francisco, June 23, 1944.

Physical Description: 23 l. diagrams, photos, maps.

Folder 182b

East Bay sewage disposal

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; data; miscellaneous newspaper clippings; statements, etc. and speech of Harry Neville Jenks to Albany Rotary Club, Aug. 21, 1944.

Folder 182c

Greeley, Samuel A.

Engineering Board of Review report on sewage disposal for the District [EBMUD Special District no.1], by Samuel A. Greeley, Clyde C. Kennedy, and N.T. Veatch, Oakland, June 1946.

Folder 182d

[Summary of important points on sewage disposal]

Physical Description: 1 folder, map.

Scope and Content Note

Contents include: Newspaper clippings.

Folder 182e

[Berkeley sewage disposal; general and miscellaneous]

Physical Description: 1 folder, maps, diagrams.

Scope and Content Note

Contents include: Correspondence and memoranda.

Folder 182f

[Diagrams and drawings]

Physical Description: 1 folder.

Folder 182g

[Maps]

Physical Description: 1 folder.

Suisun Bay

Box 40,
Folder 183

Lee, Charles Hamilton

Report on shoaling in Hastings Slough near Avon, California. San Francisco, May 31, 1945.

Physical Description: 7 l. tables.

Sonoma Valley

Box 40,
Folder 184

Sonoma Valley sanitation. 1945.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Maps; correspondence; notes, etc. for preliminary work for Sonoma Valley Recreation District for Valley of the Moon Recreation District.

[See also File 173](#)

Shoemaker, Calif.

Box 40,
Folder 186a

Lee, Charles Hamilton

Foundation report, proposed 6,000,000 gal. reservoir, Camp Parks, Shoemaker, Calif. San Francisco, July 15, 1944.

Physical Description: 6 l. graphs, diagrams.

Folder 186b

Lee, Charles Hamilton

Reservoir report, proposed concrete tank, Shoemaker, California. San Francisco, July 10, 1945.

Physical Description: 6 l. diagrams.

Folder 186c

Hyde, Charles Gilman

Report on the water supply of naval activities, Shoemaker, California, Berkeley, Dec. 1944.

Physical Description: 19 l. diagrams.

Scope and Content Note

Contents include: *Extracts from report on the development of ground waters of the Livermore Valley*, by William Mulholland and J.B. Lippincott, Feb. 1912.

River Levees (Antioch)

Box 40,
Folder 188
Folder 188a

[See also Files 176, 181.](#)

Lee, Charles Hamilton

Report on reconstruction of river levee, Los Medanos property of C.A. Hooper & Co., near Antioch, Calif. San Francisco, Oct. 31, 1944.

Physical Description: 9 l. tables.

Folder 188b

Lee, Charles Hamilton

Specifications for the reconstruction and enlargement of river levee near Antioch, California. San Francisco, Aug. 1945.

Physical Description: 1 v.

Folder 188c

Hooper (C.A.) and Company.

Map of the Rancho Los Medanos, Contra Costa Co., California. 1931.

Physical Description: map, 83 x 160 cm. (Scale 1" = 600')

Item located in WRCA map case

San Anselmo

Box 40,
Folder 189

[City of San Anselmo vs. C.W. Coletti. 1944]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; data; diagrams regarding the flooding of San Anselmo Creek.

South Vallejo Outfall Sewer

Box 40,
Folder 193

Lee, Charles Hamilton

Report on foundation explorations, South Vallejo Outfall Sewer. San Francisco, Sept. 1944.

Physical Description: 4 l. tables, diagrams.

San Francisco

Box 40,
Folder 197

Lee, Charles Hamilton

Report on survey of subsurface foundation conditions, surface drainage and existing utilities, federal Housing project no.Cal-4896N. San Francisco, Dec. 21, 1944.

Physical Description: 7 l. tables, diagrams.

Scope and Content Note

Cover title: Report on site engineering, Bay Shore City Federal housing project...

Santa Rosa Sanitation District

Box 41,
Folder 200a

Lee, Charles Hamilton

Report on proposed Santa Rosa Sanitation District. San Francisco, Nov. 30, 1945.

Physical Description: 29 l. tables, maps.

Folder 200b

Santa Rosa San. Dist.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; notes; data.

Dixon, Calif.

Box 41,
Folder 204

[U.S. Navy. Dixon Radio Transmitting Station. 1945]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Memorandum report on water supply; well logs; maps; notes, etc.; and *Hydrologic studies of the Putah Creek area in the Sacramento Valley, California*, by Martin R. Huberty and C.N. Johnston; *Chemical composition of water in the Putah Creek Basin*, by C.S. Bisson and Martin R. Huberty both in *Hilgardia* (v. 14, no.3, Oct. 1941); and *Interpretation of groundwater elevation measurements*, by C.N. Johnston and M.R. Huberty, reprinted from *American Geophysical Union Transactions* (1940).

Russian River-Fitch Mountain Area (Sonoma County)

Box 41,
Folder 206a

Sonoma County, Calif. Dept. of Public Health.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Design criteria for Forgotten Valley, Freezeout Flat, and Bodega Bay sewage treatment plants and state permits; notes; maps, etc.

Folder 206b

Lee, Charles Hamilton

Collection and disposal of domestic sewage for proposed Russian River Sanitation District. San Francisco, March 14, 1946.

Physical Description: 26 l. tables, diagrams, map.

Folder 206c

Lee, Charles Hamilton

Technical specifications, sanitary sewer system, Russian River Recreational Area, Sonoma County, California. San Francisco, Aug. 15, 1946.

Physical Description: 70 l.

Folder 206d

Lee, Charles Hamilton

Collection and disposal of domestic sewage from Fitch Mountain Recreational Area near Healdsburg, California. San Francisco, Oct. 10, 1946.

Physical Description: 18 l. tables, diagrams, map.

Folder 206e

Lee, Charles Hamilton

Technical specifications, sanitary sewer system, proposed sanitation district, Fitch Mountain Area, Sonoma County, California. San Francisco, Sept. 15, 1946.

Physical Description: 26 l.

Folder 206f

[Guerneville, n.d.]

Physical Description: map, 77 x 114 cm. (Scale: 1" = 100')

Item located in WRCA map case

Scope and Content Note

Give names of landowners.

Folder 206g

Topography of Freezeout Flat, Lower Russian River Recreational Region. [1945?]

Physical Description: map, 62 x 122 cm. (Scale 1" = 40')

Item located in WRCA map case

Folder 206h

Lee, Charles Hamilton

Proposed Sanitation District, Russian River Recreational area, Sonoma County, California; key map, Russian River. 1946.

Physical Description: map, 56 x 91 cm. (Scale 2" = 1 mi.)

Item located in WRCA map case

Bodega Bay (Sonoma County)

Box 41,

Folder 208a

Lee, Charles Hamilton

Technical specifications, sanitary sewer system, proposed sanitatin district, Bodega Bay, Sonoma County, California. San Francisco, Sept. 1946.

Physical Description: 30 l.

Scope and Content Note

Contents include: Field notes. [See also File 206a.](#)

Folder 208b

Bodega Bay and vicinity [copied from Assessor's map] [n.d.]

Physical Description: 2 maps, (Scale: 1" = 100')

Item located in WRCA map case

Scope and Content Note

Shows landowners.

Folder 208c

U.S. Geological Survey.

Topographic map of Bodega Bay and vicinity. 1944.

Physical Description: map, 89 x 100 cm. (Scale 1" = 660')

Item located in WRCA map case

Phoenix Basin, Ariz.

Box 41,

Folder 210a

Lee, Charles Hamilton

- Memorandum report, ground water supply of Phoenix Basin, period 1941 to 1945. San Francisco, June 1947.**
Physical Description: 29 l. tables, diagrams, maps.
Scope and Content Note
Contents include: Correspondence (1949) with updated data.
- Folder 210b **Salt River Project Agricultural Improvement and Power District. History of the Salt River Project, *Major facts in brief*, 1869 to 1946. [n.d.]**
Physical Description: 11 l.
- Folder 210c **Patrick T. Hurley and U.S., intervenor, vs. Charles F. Abbot et al; decision and decree. March 1, 1910.**
Physical Description: 80 p. map.
Scope and Content Note
The Kent decree.
- Folder 210d **Salt River Valley Water Users' Association. Salt River Valley Water Users' Association...and Salt River Project Agricultural Improvement and Power District annual report and financial statement 1946, by H.J. Lawson. Phoenix, March 1947.**
Physical Description: 4 p.
- Folder 210e **Orme, Lin B. Memorandum submitted to Subcommittee of the U.S. Senate on Irrigation and Reclamation on behalf of the Salt River Project, Arizona, by Salt River Valley Water Users' Association. July 31, 1944.**
Physical Description: 5 l. tables, diagrams.
- Folder 210f **Cragin, G.C. Report on Roosevelt Irrigation District. Phoenix, June 1925.**
Physical Description: 15 l. tables, diagrams.
- Folder 210g **U.S. Forest Service. Watershed research aids, Salt River Valley. Tucson, October 1947.**
Physical Description: 12 l. graphs, tables, maps.
- Folder 210h **R.I.D. 1946 data.**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Water data relating to Roosevelt Irrigation District.
- Box 42,
Folder 210i **[R.I.D., 1947-48 data]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence with John P. Van Denburgh, Supt. of Roosevelt Irrigation District.
- Folder 210j **Bluhm, Floyd I. Ground-water resources of Deer Valley, Maricopa County, Arizona, by F.I. Bluhm and H.N. Wolcott with a section on quality of water by J.D. Hem. Tucson, U.S.G.S., Oct. 1949.**
Physical Description: 34 l. tables, diagrams, maps.

Folder 210k	<p>Roosevelt Irrigation District correspondence, 1949.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Correspondence with John P. Van Denburgh and others; and Roosevelt Irrigation District-Salt River Valley Water Users' Association contracts, 1921.</p>
Folder 210 l	<p>Roosevelt Irrigation District correspondence, 1948.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Supplemental agreement, Salt River Valley Water Users' Association and Roosevelt Irrigation District, May 31, 1950.</p>
Folder 210m	<p>Legal I.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Complaints, answers, stipulations, etc. and correspondence.</p>
Folder 210n	<p>Legal II.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Memorandum by C.H. Lee, Aug. 1947, regarding relationship of legal issues to physical facts in case.</p>
Folder 210o	<p>Private pumping, 1948.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Correspondence with son, Allan Lee, and John Van Denburgh regarding identification and measurement of private wells in Phoenix Basin.</p>
Folder 210p	<p>Private pumping project -- miscellaneous.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Work sheets, etc; data on instruments; and <i>A new irrigation float meter for concrete pipe lines</i>, by C.N. Johnston, Nov. 1945; <i>A new portable field water meter and a new furrow water meter</i>, by C.N. Johnston, Nov. 1945; and <i>Discharge of pipes flowing partly full</i>, by Carl Rohwer, reprinted from <i>Civil Engineering</i> (v. 13, no.10, Oct. 1943).</p>
Folder 210q	<p>R.I.D. well data; water levels and chemistry.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Data; correspondence with John Van Denburgh; and <i>Interpretation of water analyses</i>, by W.T. McGeorge, Univ. of Arizona Extension Service Circular 107 (April 1940).</p>
Folder 210r	<p>[Roosevelt Irrigation District well logs]</p> <p>Physical Description: 1 v.</p>
Folder 210s	<p>[Roosevelt Irrigation District well yields]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Daily hydrographs and tables.</p>

Folder 210t	Water logging. Physical Description: 1 folder.
Box 43, Folder 210u	R.I.D. maps. Physical Description: 1 folder, 13 maps, 2 diagrams.
Folder 210v	U.S.G.S. discharge records. Physical Description: 1 folder. Scope and Content Note Contents include: Records for Salt and Gila Rivers and others.
Folder 210w	Agreement data. Physical Description: 1 folder. Scope and Content Note Contents include: Correspondence with John Van Denburgh and material regarding agreement between Roosevelt Irrigation District and Salt River Valley Water Users' Association.
Folder 210x	Consumptive use. Physical Description: 1 folder. Scope and Content Note Contents include: Data; correspondence; map; articles and reports -- <i>Area and use of water by phreatophytes in the western United States</i> , by T.W. Robinson, U.S.G.S., Jan. 1949 (unpub.); <i>Arizona agriculture, 1946</i> , University of Arizona, Agricultural Experiment Station Bull. 202 (Jan. 1946), and <i>Arizona agriculture, 1948</i> , Univ. of Ariz., Agricultural Experiment Station Bull. 211 (Jan. 1948), both by George Barr; <i>Fitting cropping systems to water supplies in central Arizona</i> , by Charles Hobart and Karl Harris, Univ. of Ariz., Agric. Ext. Serv. Circular 127 (April 1946); and <i>Economical uses of irrigation water for field and truck crops</i> , by L.D. Doneen, <i>California Agriculture</i> (May 1948).
Folder 210y	Field notes. Physical Description: 1 folder.
Folder 210z	Rainfall-runoff studies. Physical Description: 1 folder. Scope and Content Note Contents include: graphs and data for the Salt River Valley area.
Folder 210aa	Newspaper clippings. Physical Description: 1 folder. Scope and Content Note Contents include: Water related clippings from Arizona newspapers, 1947-1950.
Folder 210bb	Court Water Commissioner. Physical Description: 1 folder. Scope and Content Note Contents include: Report of the Court Water Commissioner of Maricopa County showing river and canal flows, 1941-45, for the Salt, Gila and Agua Fria Rivers.
Folder 210cc	Roosevelt Irrigation District, Maricopa County, Arizona. 1944. Physical Description: map, 75 x 180 cm. (Scale: 1" = 2000') Item located in WRCA map case

-
- Folder 210dd **Salt River Project and other irrigation projects east of Agua Fria River, Maricopa County, Arizona. 1934.**
 Physical Description: map, 102 x 137 cm. (Scale: 1" = 1 mi.)
 Item located in WRCA map case
- Folder 210ee **Roosevelt Irrigation District, Maricopa County, Arizona. 1942.**
 Physical Description: map, 63 x 109 cm. (Scale: 1" = 1 mi.)
 Item located in WRCA map case
- Folder 210ff **[Salt River Project maps showing depth of water table below ground surface, 1913-1924] 1926.**
 Physical Description: 8 maps, 46 x 64 cm. (Scale: 1" = approx. 1-3/4 mi.)
 Item located in WRCA map case
- Folder 210gg **[Graphs showing effect of pumping on ground water and relation of ground water to water in Salt River, 1902-1941, n.d.]**
 Physical Description: 13 graphs, various sizes.
 Item located in WRCA map case
- Folder 210hh **Salt River Valley Water Users' Association.**
 [Drainage maps, 1925-1939]
 Physical Description: 14 maps, 62 x 90 cm. (Scale: 1" = approx. 1-1/2 mi.)
 Item located in WRCA map case
- Folder 210ii **Salt River Valley Water Users' Association.**
 Groundwater contour maps showing change in surface of ground water between 1902-1903 and Spring of 1923; between Spring of 1923 and 1937; and Spring 1945]
 Physical Description: 3 maps, 60 x 91 cm. (Scale: 1" = 1-1/4 mi.)
 Item located in WRCA map case
- Folder 210jj **Salt River Valley Water Users; Association.**
 Map of Salt River Project; project wells used to supply water for irrigation and drainage (1911 to 1933) 1930.
 Physical Description: map, 61 x 77 cm. (Scale: 1" = 1-1/4 mi.)
 Item located in WRCA map case
- Folder 210kk **Lee, Charles Hamilton**
 [Profiles, Phoenix Basin ground water levels, 1941-1945] 1946.
 Physical Description: 5 graphs.
 Item located in WRCA map case
- Lake Merritt (Oakland)**
- Box 43,
Folder 213 **Lee, Charles Hamilton**

 Report on foundation conditions at proposed development, 12th Street at Lake Merritt. San Francisco, Feb. 14, 1947.
 Physical Description: 26 l. tables, diagrams.
- Sparks, Nev.**
- Box 43,
Folder 214 **Lee, Charles Hamilton**
-

Water flooding report, theater building, Sparks, Nev. San Francisco, Aug. 1946.

Physical Description: 10 l. diagrams.

Scope and Content Note

Contents include: Blueprint of building.

Belvedere, Calif.

Box 44,
Folder 216a

Lee, Charles Hamilton

Report on proposed completed sewage system for City of Belvedere. San Francisco, March 7, 1947.

Physical Description: 26 l. tables, diagrams, maps.

Folder 216b

Lee, Charles Hamilton

Contract documents and specifications for the construction of a municipal sewer system, City of Belvedere, California. San Francisco, April 1949.

Physical Description: 79 l.

Scope and Content Note

Contents include: Summary of cost estimates.

Folder 216c

Inspection notes.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Photos; notes; correspondence; and a *review of sewage disposal devices and practice*, by C.G. Gillespie, Dec. 1937.

Folder 216d

Federal applications.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Applications for funds and permits; correspondence; regulations, etc.

Folder 216e

Final cost estimate.

Physical Description: 1 folder.

Folder 216f

General.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; agreements; and *Some effects of anaerobic digestion upon sewage sludge*, by A.M. Rawn and E.J. Candel, presented at Phoenix [n.d.]

Pittsburg, Calif.

Folder 217

Lee, Charles Hamilton

Engineer's report on Chapman property at McAvoy near Pittsburg, Calif. San Francisco, Feb. 1947.

Physical Description: 6 l. diagrams.

Los Gatos Creek

Box 44,
Folder 218

Lexington (Windy Point) Dam, Los Gatos Creek.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Memoranda; field notes; data; etc. and *Dam building reaches its climax*, by Robert A. Sutherland, *Engineering News-Record*, (Dec. 10, 1936).

Ukiah, Calif.

Box 44,
Folder 219

Lee, Charles Hamilton

Sources of water supply for proposed Masonite plant near Ukiah, California. San Francisco, Sept. 1947.

Physical Description: 18 l. tables, diagrams, maps.

Scope and Content Note

Contents include: Memo on water rights; additional data; photos.

Delta-Mendota Canal

Box 44,
Folder 221

Lee, Charles Hamilton

Report on Fred J. Maurer & Son subcontract, Delta-Mendota Canal. San Francisco, June 3, Sept. 2, 1947.

Physical Description: 15 l. tables, map.

Scope and Content Note

Contents include: Field notes.

San Bernardino Valley

Box 44,
Folder 224a

U.S.G.S.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Discharge records for Santa Ana River Basin streams and paper, *Natural water losses in mountain drainage areas of southern California*, by Harold C. Troxell and Harlowe M. Stafford, in *Transactions, American Geophysical Union* (Oct. 1949, p. 752-).

Folder 224b

Proposed rainfall distribution study.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; data; graphs.

Folder 224c

Grayson-Kennedy.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Water production data; contract of employment for Charles H. Lee; and *Report to San Bernardino Valley Water Conservation District on legal problems of San Bernardino underground water basin*, by W.H. Jennings, 1953.

Folder 224d

Shallow water areas.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence with L.W. Grayson, 1948-49.

Folder 224e

Graphs of water table observations, San Bernardino ground water basin.

Physical Description: 1 v.

Box 45, Folder 224f	Well logs. Physical Description: 1 folder. Scope and Content Note Two copies.
Folder 224g	California. Division of Water Resources. Physical Description: 1 folder. Scope and Content Note Contents include: Well records; correspondence, 1947-1955.
Folder 224h	Runoff. Physical Description: 1 folder. Scope and Content Note Contents include: Data; and articles -- <i>Northwest floods damage greatest in current history</i> , in <i>Western Construction News</i> (July 1948); <i>Record speed on emergency projects</i> , in <i>WCN</i> (July 1948); <i>Pacific Coast rainfall-wide fluctuations in hundred years</i> , by Henry B. Lynch, in <i>WCN</i> (July 1948); and <i>Rainfall forecasting--records study indicates drought era</i> , by Donald M. Baker, <i>WCN</i> (Aug. 1948).
Folder 224i	San Bernardino Basin equations. Physical Description: 1 folder. Scope and Content Note Contents include: Inflow-outflow data.
Folder 224j	Field notes. Physical Description: 1 folder.
Folder 224k	Field and conference notes, 1947-51. Physical Description: 1 v.
Folder 224 l	Report. Physical Description: 1 folder, tables only.
Folder 224m	Water diverted from San Bernardino Basin by City of Riverside, July 1913 to date. Physical Description: 1 graph.
Folder 224n	F.C. Finkle articles from S.B. Sun-Telegram. Physical Description: 28 l. Scope and Content Note Contents include: Typescript copy of articles, 1947-48; and a summary of facts about San Bernardino Valley as abstracted from articles.
Folder 224o	Finkle, Frederick C. Report on water supply from Mojave River for the San Bernardino Valley and Orange County, California, by F.C. Finkle, W.P. Rowe, and C.R. Browning. Los Angeles, Oct. 1933. Physical Description: 20 l. graphs, tables. Scope and Content Note Prepared for Metropolitan Water District of Southern California.
Folder 224p	Metropolitan Water District of Southern California. Rainfall records. Physical Description: 1 v.

- Folder 224q **Warm Creek and Santa Ana regions.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Water data; and *Report on change in the ungated by-passes at Prado Dam, Santa Ana River, California, to increase precolation from the downstream river channel...* by Paul Bailey for Orange County Water District, 1944.
- Folder 224r **Lee, Charles Hamilton**
 Appendix; engineering report on San Bernardino Valley Water Conservation District vs. City of Riverside. [San Francisco] Nov. 1951.
 Physical Description: 1 v. diagrams.
- Box 46,
Folder 224s **Williams well record near Redlands, Calif.**
 Physical Description: 1 v.
- Folder 224t **Map, San Bernardino.**
 Physical Description: map, (Scale not given).
 Scope and Content Note
 Indicates some well locations.
- Folder 224u **Negotiations, 1950-1951.**
 Physical Description: 1 folder.
 Scope and Content Note
 Contents include: Legal papers and correspondence.
- Folder 224v **Troxell, Harold C.**
 Hydrology of Western Riverside County, California, by Harold C. Troxell prepared in cooperation with U.S.G.S. Riverside, Calif., Riverside County Flood Control and Water Conservation District, Oct. 1948.
 Physical Description: 111 l. graphs, tables, maps.
- Folder 224w **Graphs; water level fluctuations.**
 Physical Description: 1 v.
- Folder 224x **Bradley, H.D.**
 Santa Ana Basin in San Bernardino, Riverside and Orange Counties, California. 1934.
 Physical Description: map, 110 x 185 cm. (Scale: 1" = 1 mi.)
 Item located in WRCA map case
- San Francisco (Sea Cliff)**
- Box 46,
Folder 229 **V.C. Morris (Frank Lloyd Wright). 1948.**
 Physical Description: 1 folder, diagrams.
 Scope and Content Note
 Contents include: Letter report; correspondence; notes; maps; and newspaper clippings re foundation studies for home, Sea Cliff, San Francisco.
- Salem, Ore.**
- Box 46,
Folder 233 **Lee, Charles Hamilton**

Report, Werner & Jeske bid, Salem [Oregon] intercepting sewer. San Francisco, Aug. 16, 1949.

Physical Description: 8 l. tables.

San Francisco (Sherwood Heights)

Box 46,
Folder 238a

Lee, Charles Hamilton

Report on ground conditions and recommended specifications, Sherwood Heights Subdivision. San Francisco, May 18, 1950.

Physical Description: 6 l.

Scope and Content Note

Contents include: Clearing and grading specifications.

Folder 238b

Chronological file of correspondence and office notes. 1950-1953.

Physical Description: 1 folder.

Folder 238c

Westwood Homes, Inc. (Sherwood Heights).

Physical Description: 1 folder.

Scope and Content Note

Contents include: Soil data and computations; diagrams; and photos.

Box 47,
Folder 238d

Cost data.

Physical Description: 1 folder.

Folder 238e

Lee, Charles Hamilton

Inspection report on completed cuts and fills, Sherwood Heights Subdivision. San Francisco, June 6, 1951.

Physical Description: 8 l. graphs, tables.

Folder 238f

Lee, Charles Hamilton

Sherwood Heights Subdivision, San Francisco, California, final report with addenda I-II. San Francisco, Aug. 12, 1953.

Physical Description: 1 v. graphs, tables maps, photos.

Belmont County Water District

Box 47,
Folder 240a

Lee, Charles Hamilton

Master plan for water system, Belmont County Water District. San Francisco, Jan. 29, 1951.

Physical Description: 29 l. tables, map.

Folder 240b

Lee, Charles Hamilton

Masterplan, Belmont County Water District, San Mateo County, Calif. 1950.

Physical Description: 2 maps, 61 x 192 cm. (Scale: 1" = 400')

Item located in WRCA map case

Folder 240c

Lee, Charles Hamilton

Consumer map... Belmont, 1950.

Physical Description: map, 86 x 184 cm. (Scale: 1" = 300')

Item located in WRCA map case

Folder 240d

Belmont County Water District, San Mateo County, Calif. 1942.

Physical Description: map, 88 x 186 cm. (Scale: 1" = 300')

Item located in WRCA map case

Los Banos Creek

Box 47,
Folder 246

Lee, Charles Hamilton

**Report on third party damage, Los Banos Creek flood, Nov. 19, 1950,
Delta-Mendota Canal. San Francisco, Aug. 13, 1953.**

Physical Description: 1 v.

Scope and Content Note

Contents include: Report of Dec. 27, 1950; Oct. 30, 1952; and March 30, 1953.

San Joaquin Valley (Everett G. Rank vs. Julius A. Krug)

Box 47,
Folder 253a

Court well data.

Physical Description: 1 binder.

Scope and Content Note

Contents include: Correspondence and well data for San Joaquin River Valley near Fresno per court order, 1951-1952.

Folder 253b

Plaintiffs' well data.

Physical Description: 1 binder.

Scope and Content Note

Contents include: Data; graphs; maps; correspondence.

Box 48,
Folder 253c

Check dam data.

Physical Description: 1 binder.

Scope and Content Note

Contents include: Field notes; data; design and cost estimates.

Folder 253d

River data.

Physical Description: 1 binder.

Scope and Content Note

Contents include: Discharge and runoff data for San Joaquin River.

Folder 253e

Barometric pressure [Fresno, 1944-1952]

Physical Description: 1 folder.

Scope and Content Note

Contents include: Well data.

Folder 253f

Pump tests.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Pump test report and well logs.

Folder 253g

Pumping tests.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Maps; field notes; data.

Folder 253h	<p>Ingerson exhibits.</p> <p>Physical Description: 1 envelope.</p> <p>Scope and Content Note</p> <p>State of California exhibits prepared by Irvin M. Ingerson.</p> <p>Contents include: Photostats of excerpts re ground water elevations of field notes of C.E. Grunsky, Asst. State Engineer, 1882-1885.</p>
Folder 253i	<p>Extra exhibits.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Plaintiffs' exhibits, prepared by Charles H. Lee.</p>
Box 49, Folder 253j	<p>Engineers meetings.</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents include: Memoranda; minutes; correspondence re court ordered meetings by representatives of U.S. Bureau of Reclamation, State Division of Water Resources, various water districts and canals, and plaintiffs.</p>
Folder 253k	<p>[Well records and ground water measurements]</p> <p>Physical Description: 1 pkg., graphs.</p> <p>Note</p> <p>Box 53</p> <p>Scope and Content Note</p> <p>Shelved separately.</p>
<p>Santa Margarita River (U.S. vs. Fallbrook Public Utility District et al)</p>	
Box 49, Folder 256a	<p>F.P.U.D.</p> <p>Physical Description: 1 binder.</p> <p>Scope and Content Note</p> <p>Contents include: Notes; data; correspondence, etc. on conferences, legal and technical points concerning Santa Margarita River suit.</p>
Folder 256b	<p>Seepage loss and gain studies.</p> <p>Physical Description: 1 folder, graphs.</p> <p>Scope and Content Note</p> <p>Contents includes: Map; hydrographs; and data.</p>
Folder 256c	<p>Rainfall runoff studies.</p> <p>Physical Description: 1 folder, graphs.</p> <p>Scope and Content Note</p> <p>Contents includes: Map and data.</p>
Folder 256d	<p>Safe yield study -- original tracings.</p> <p>Physical Description: 1 envelope.</p>
Folder 256e	<p>California. Department of Public Works. Division of Water Resources.</p> <p>Preliminary report on Santa Margarita River in cooperation with Fallbrook Public Utility District. Nov. 1948.</p> <p>Physical Description: 28 l. tables, diagrams, map.</p>
Folder 256f	<p>Lippincott, Joseph Barlow</p>

Report on available water supply of Santa Margarita River for Fallbrook Irrigation District, San Diego County, Calif. Los Angeles, Feb. 1926.

Physical Description: 21 l. graphs, tables, map.

Folder 256g

Maps.

Physical Description: 1 folder.

Folder 256h

Exhibits (U.S.)

Physical Description: 1 folder.

Fahey Ranch (San Mateo County)

Box 49,
Folder 265

Lee, Charles Hamilton

Proposed gravel excavation from 100 to 200 feet beyond the breaker line at Fahey Ranch, San Mateo County, California. San Francisco, May 24, 1955.

Physical Description: 15 l. diagrams, maps, photos.

Soil Test Reports

Box 50,
Folder PHL 1

Pacific Hydrologic Laboratory.

Typical report on material proposed for rolled-fill earth dam, by Pacific Hydrological Laboratory with opinion regarding suitability of the material, by Charles H. Lee. San Francisco, June 15, 1931.

Physical Description: 1 v. diagrams.

Folder PHL 5

H.R. Dewell (2 samples).

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; correspondence; map; diagrams; and 3 Pacific Hydrologic Laboratory reports -- *Report of tests on loess soil from site of Principia College, Elsayh, Illinois, with comments and opinions regarding the material as support for building foundations, July 1, 1931; Report on supplemental tests on loess soil... Sept. 11, 1931; and Report on supplemental tests on loess soil... Sept. 30, 1931.*

Folder PHL 6

Chatsworth Dam.

Physical Description: 1 folder.

Scope and Content Note

Contents include: Correspondence; notes; diagrams; and *Preliminary report on Chatsworth soils, April 13, 1931.*

Folder PHL 7

Irvine Ranch (Browning).

Physical Description: 1 folder.

Scope and Content Note

Contents include: Notes; correspondence; diagrams; and *Building the Santiago Dam, Orange County, Calif. Union Oil Bulletin, Nov. 1931; Constructing the Santiago Creek rolled-earth dam, by C.R. Browning in Engineering News-Record (May 12, 1932); and Rolled filled dam on Santiago Creek, by S.P. McCasland in Pacific Constructor [n.d.]*

Folder PHL 8

Pacific Hydrologic Laboratory

Report on tests on Altamont adobe subsoil from proposed borrow pit near Port Costa Dam, Contra Costa County. San Francisco, Oct. 8, 1931.

Physical Description: 3 l. graphs.

Folder PHL 10	[California and Hawaiian Sugar Refining Corporation, Crockett, California] Physical Description: 1 folder. Scope and Content Note Contents include: Correspondence; notes; diagrams; and <i>Report of tests on sample of grey clay from refinery plant site, California and Hawaiian Sugar Refining Corporation, Crockett, California</i> , by Pacific Hydrologic Laboratory. Oct. 24, 1931.
Folder PHL 11	Pacific Hydrologic Laboratory Report of tests on materials proposed for blanketing Zuni Dam, New Mexico. San Francisco, June 20, 1932. Physical Description: 1 v. graphs.
Folder PHL 12	Pacific Hydrologic Laboratory Report of tests on materials from Walker River Indian Reservation, Nevada. San Francisco, June 20, 1932. Physical Description: 5 l., graphs.
Folder PHL 14	Lee, Charles Hamilton Report on tests by Pacific Hydrologic Laboratory of materials from San Francisco Jail site near San Bruno, California. San Francisco, July 29, 1933. Physical Description: 1 v. diagrams.
Folder PHL 15	[Santa Clara Valley Water Conservation District] Physical Description: 11 items.
Folder PHL 15a	General correspondence. Physical Description: 1 file, photos.
Folder PHL 15b	Santa Clara Valley Water Conservation District. 1934 well replenishment project, U.S. Public Works Administration Project no. 6051; contracts, proposals, specifications, maps; contract no. 3 for construction of Stevens Creek Dam and spillway [n.d.] Physical Description: 54 p. diagrams.
Folder PHL 15c	Lee, Charles Hamilton Report of tests by Pacific Hydrologic Laboratory on earth materials proposed for construction of Stevens Creek Dam, Santa Clara Valley Water Conservation District, near San Jose, California. San Francisco, Sept. 25, 1934. Physical Description: 5 l. graphs.
Folder PHL 15d	Pacific Hydrologic Laboratory Supplemental report of tests... on earth materials proposed for construction of Stevens Creek Dam, Santa Clara Valley Water Conservation District, near San Jose, California. San Francisco, Oct. 19, 1934. Physical Description: 3 l. graphs.
Folder PHL 15e	Santa Clara Valley Water Conservation District. 1934 well replenishment Project, U.S. Public Works Administration project no. 6051; contracts, proposals, specification, maps, contract no. 5 for construction of Coyote Dam and spillway. [n.d.] Physical Description: 59 p. diagrams.
Folder PHL 15f	Pacific Hydrologic Laboratory

	<p>Report of mechanical analyses of earth materials proposed for construction of Coyote Dam, Santa Clara Valley Water Conservation District, near San Jose, California. San Francisco, Dec. 17, 1934.</p> <p>Physical Description: 13 l. graphs, tables.</p>
Folder PHL 15g	<p>Pacific Hydrologic Laboratory</p> <p>Report of miscellaneous tests... on earth materials proposed for construction of Coyote Dam, Santa Clara Valley Water Conservation District, San Jose, Calif. San Francisco, Dec. 20, 1934.</p> <p>Physical Description: 5 l. graphs.</p>
Folder PHL 15h	<p>Pacific Hydrologic Laboratory.</p> <p>Supplemental report of mechanical analyses... on earth materials proposed for construction of Coyote Dam, Santa Clara Valley Water Conservation District, San Jose, Calif. San Francisco, Jan. 11, 1935.</p> <p>Physical Description: 4 l. graphs, tables.</p>
Folder PHL 15i	<p>Lee, Charles Hamilton</p> <p>Report of tests by Pacific Hydrologic Laboratory on earth materials proposed for construction of Almaden Dam, Santa Clara Valley Water Conservation District, near San Jose, California. San Francisco, Sept. 21, 1934.</p> <p>Physical Description: 7 l. graphs.</p>
Folder PHL 15j	<p>Lee, Charles Hamilton</p> <p>Report of tests by Pacific Hydrologic Laboratory on earth materials proposed for construction of Calero Dam, Santa Clara Valley Water Conservation District, near San Jose, California. San Francisco, Sept. 25, 1934.</p> <p>Physical Description: 7 l. graphs.</p>
Folder PHL 15k	<p>Pacific Hydrologic Laboratory</p> <p>Report of mechanical analyses... on earth materials proposed for construction of Guadalupe Dam, Santa Clara Valley Water Conservation District, San Jose, Calif. San Francisco, Jan. 11, 1935.</p>
Folder PHL 16	<p>[Dredger fill, Yerba Buena Island, San Francisco Bay]</p> <p>Physical Description: 3 items.</p>
Folder PHL 16a	<p>Lee, Charles Hamilton</p> <p>Report on sub-aqueous material underlying and adjacent to the proposed dredger fill northwest of Yerba Buena Island. San Francisco, July 18, 1935.</p> <p>Physical Description: 11 l.</p> <p>Scope and Content Note</p> <p>Bound with::Report of tests on samples from test borings in the bed of San Francisco Bay in and adjacent to the site of proposed Yerba Buena Shoals dredger fill for the San Francisco Bay Exposition, July 8, 1935.</p>
Folder PHL 16b	<p>[Miscellaneous]</p> <p>Physical Description: 1 folder.</p> <p>Scope and Content Note</p> <p>Contents includes: Notes; diagrams; correspondence; and <i>Rubble breakwater founded on deep mud</i>, by Henry S. Pond, in <i>Western Construction News and Highway Builder</i>, (Nov. 1933); and extracts from <i>Report on an analytical survey for the general development of the eastern shore of San Francisco Bay, Sept. 1931</i>, by the Berkeley Water Front Company, by Ralph a Beebee.</p>
Folder PHL 16c	<p>San Francisco Bay Exposition.</p>

Specifications for sand dredger fill and sea walls for the shoals northwest of Yerba Buena Island, San Francisco Bay.

Physical Description: 1 v.

- Folder PHL 17 **[Church race track]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Notes; diagrams; correspondence; and letter reports on soil samples from Norman W. Church property near San Jose.
- Folder PHL 19 **Lee, Charles Hamilton**
Report on foundation conditions for oil tanks at Santa Cruz Oil Company terminal site, Alameda, California. San Francisco, Jan. 21, 1936.
Physical Description: 6 l. graphs.
- Folder PHL 20 **[North Fork Dam, Pacheco Pass Water District]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence; diagrams; photos and letter reports on soil tests in vicinity of proposed North Fork Dam.
- Folder PHL 21 **[Hess Creek Dam, Alaska]**
Physical Description: 3 items.
- Folder PHL 21a **[Miscellaneous]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence with J.B. Lippincott et al; notes; diagrams; shear tests report; and *Livengood -- a daring attack upon an Arctic mining problem*, from *Mining World* (May 1942); and *Field-testing devices for hydraulic fills*, by E. Alan Rowe, *Engineering News-Record* (Jan. 31, 1939).
- Folder PHL 21b **Lee, Charles Hamilton**
Report of tests, Pacific Hydrologic Laboratory, weathered chert proposed for construction of Goldstream Dam, Livengood District, Alaska. San Francisco, July 8, 1938.
Physical Description: 6 l. graphs, tables.
- Folder PHL 21c **Lee, Charles Hamilton**
[Supplemental tests on borrow-pit material from site of proposed Hess Creek Dam] San Francisco, Nov. 4, 1939.
Physical Description: 5 l. diagrams, tables.
Scope and Content Note
Bound with: *Report of tests on whole samples of weathered chert from site of proposed Hess Creek Dam, Livengood District, Alaska*, Oct. 10, 1939.
- Folder PHL 24 **Lee, Charles Hamilton**
Report of tests on foundation material for proposed dry dock at Alameda, California. San Francisco, Aug. 24, 1939.
Physical Description: 1 v. diagrams.

Box 51, Folder PHL 25	[Golden Gate Race Track surface, 1941] Physical Description: 1 folder. Scope and Content Note Contents include: Correspondence; notes; newspaper clippings; diagrams; and letter reports regarding surface of track at Golden Gate Turf Club, Albany, California.
Folder PHL 26	Todd-California Shipbuilding Corporation. Physical Description: 2 items.
Folder PHL 26a	Lee, Charles Hamilton Report on stabilization of soft subgrade soils at Richmond yard, Todd-California Shipbuilding Corp. San Francisco, Feb. 17, 1941. Physical Description: 17 l. graphs, diagrams.
Folder PHL 26b	Drawings. Physical Description: 1 envelope. Scope and Content Note Contents include: Notes and data.
Folder PHL 33	[Scotts Flat Dam, Calif., 1945] Physical Description: 2 items. Scope and Content Note See also File PHL 40.
Folder PHL 33a	Lee, Charles Hamilton Material for earth dam, Scotts Flat, near Nevada City, Calif.; report of lab. tests and opinion. San Francisco, July 1, 1945. Physical Description: 1 v. graphs.
Folder PHL 33b	Nevada Irrigation District (Grass Valley, Calif). Specifications for the construction of the foundation, or first stage of the Scotts Flat Dam... San Francisco, June 15, 1945. Physical Description: 47 p. diagrams.
Folder PHL 38	[Maimonides Health Center, San Francisco, 1947] Physical Description: 1 folder. Scope and Content Note Contents include: Correspondence; notes; diagrams.
Folder PHL 39	Lee, Charles Hamilton Report; foundation explorations, Mt. Zion Hospital. San Francisco, July 31, 1947. Physical Description: 1 v. diagrams.
Folder PHL 40	Lee, Charles Hamilton Report of laboratory tests; material for earth dam, Scotts Flat, near Nevada City, Calif. San Francisco, July 25, 1947. Physical Description: 5 l. graphs.
Folder PHL 43	Lee, Charles Hamilton Report of laboratory tests; earth material for Bon Tempe Dam, Lagunitas Creek, near Fairfax, Calif. San Francisco, March 16, 1948. Physical Description: 1 v. graphs.
Folder PHL 44	Lee, Charles Hamilton

	<p>Report of Laboratory tests; earth material for Palmer Cr. Dam near Healdsburg, Calif. San Francisco, June 18, 1948. Physical Description: 4 l. graphs.</p>
Folder PHL 45	<p>Lee, Charles Hamilton Report; foundation explorations, Mills Memorial Hospital. San Francisco, June 29, 1948. Physical Description: 2 l. diagrams.</p>
Folder PHL 46	<p>Lee, Charles Hamilton Report of laboratory tests; earth material for Palermo Dam near Palermo, Calif. San Francisco, June 28, 1948. Physical Description: 1 v. graphs.</p>
Folder PHL 49	<p>[Mill Valley School District, Tamalpais Valley Elementary School site] Physical Description: 8 items.</p>
Folder PHL 49a	<p>Lee, Charles Hamilton Report on foundation tests, de Martini property, Tamalpais Valley. San Francisco, March 17, 1949. Physical Description: 1 v. diagrams.</p>
Folder PHL 49b	<p>Lee, Charles Hamilton Report on foundation tests, Borges Ranch, Tennessee Valley. San Francisco, June 22, 1949. Physical Description: 4 l. diagrams.</p>
Folder PHL 49c	<p>Lee, Charles Hamilton Report on fill and drainage, de Martini property, Tamalpais Valley. San Francisco, Oct. 6, 1949. Physical Description: 11 l. diagrams.</p>
Folder PHL 49d	<p>Lee, Charles Hamilton Report on foundation tests, Borges Ranch (Upper Site), Tennessee Valley. San Francisco, May 11, 1950. Physical Description: 13 l. diagrams.</p>
Folder PHL 49e	<p>Borges Ranch Physical Description: 1 folder. Scope and Content Note Contents include: Notes; correspondence; diagrams.</p>
Folder PHL 49f	<p>[Correspondence, 1949] Physical Description: 1 folder.</p>
Folder PHL 49g	<p>Data file. Physical Description: 1 folder.</p>
Folder PHL 49h	<p>Tamalpais Valley school addition... 1961. Physical Description: 1 folder. Scope and Content Note Contents include: Correspondence; letter reports and diagrams by Lee and Prazsker.</p>
Folder PHL 50	<p>Lee, Charles Hamilton</p>

- Report on foundation tests on property located west side of Webster St. between 19th and 20th, Oakland, California. San Francisco, July 13, 1949.**
Physical Description: 4 l.
- Folder PHL 51 **Lee, Charles Hamilton**
Alex Johnson, Walnut Grove, California. San Francisco, July 18, 1949.
Physical Description: 1 v.
- Folder PHL 52 **Lee, Charles Hamilton**
Report on foundation explorations, proposed Children's Hospital Annex, San Francisco, California. San Francisco, Dec. 5, 1949.
Physical Description: 9 l. diagrams.
Scope and Content Note
Contents include: Supplement, Dec. 19, 1949.
- Folder PHL 53 **[Marin Junior College Art Building foundations]**
Physical Description: 2 items.
- Folder PHL 53a **Lee, Charles Hamilton**
Report; foundation explorations, Art Building, Marin Junior College. San Francisco, Oct. 17, 1949.
Physical Description: 9 l. diagrams.
- Folder PHL 53b **[Correspondence and data]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Notes and diagrams.
- Folder PHL 54 **[Bruner & Gilmore, Attys., San Leandro, Calif. 1949]**
Physical Description: 1 folder.
Scope and Content Note
Contents include: Correspondence; notes; and diagrams regarding examination of foundation and fill, etc. of apartment building located at 2530-e4th Ave., Oakland.
- Folder PHL 55 **Lee, Charles Hamilton**
Report; preliminary foundation explorations, Lewelling Boulevard site, Eden Township Hospital. San Francisco, Jan. 13, 1950.
Physical Description: 11 l. diagrams.
- Folder PHL 56 **Lee, Charles Hamilton**
Report on test borings at proposed school site, Strawberry Manor, Mill Valley, Calif. San Francisco, Jan. 10, 1950.
Physical Description: 2 l. diagrams.
- Folder PHL 57 **[Letter report by C.H. Lee to Richardson Bay Sanitary District, Mill Valley, Calif., regarding soil tests at Salt Works Canal Sewage Treatment Plant site, Jan. 1950]**
Physical Description: 1 folder.
- Box 52,
Folder PHL 58 **Lee, Charles Hamilton**
Report on foundation explorations, Greyhound Service Building site. San Francisco, Feb. 23, 1950.
Physical Description: 1 v. diagram.
-

Folder PHL 59	[Letter report by C.H. Lee to Eric Mendelsohn, architect, regarding foundation tests for Temple Emanuel, Grand Rapids, Michigan, April 1950. Physical Description: 2 l.
Folder PHL 60	[Thos. D. Stevenson & Sons warehouse at Kaiser Shipyard no.2, Richmond, Calif., 1950] Physical Description: 1 folder.
Folder PHL 61	Lee, Charles Hamilton Report on condition of fill, La Grande Vue subdivision, San Francisco, California. San Francisco, May 29, 1950. Physical Description: 4 l.
Folder PHL 62	[Notes for verbal report to Lee Hirshberg regarding proposed building site below Simms Dr. in Montclair, Oakland, California. 1950] Physical Description: 1 folder.
Folder PHL 65	[California Department of Employment, Branch office building, San Francisco, Angus McSweeney, architect. 1951] Physical Description: 3 items.
Folder PHL 65a	Lee, Charles Hamilton Report on foundation explorations, branch office building, Department of Employment, San Francisco, California. San Francisco, Feb. 21, 1951. Physical Description: 10 l. diagrams.
Folder PHL 65b	Lee, Charles Hamilton Supplemental report on foundation explorations; branch office building, Department of Employment, San Francisco, California. San Francisco, March 16, 1951. Physical Description: 6 l. diagrams.
Folder PHL 65c	Angus McSweeney. Physical Description: 1 folder. Scope and Content Note Contents include: Notes and diagrams.
Folder PHL 66	Lee, Charles Hamilton Report on laboratory tests of samples of dyke material taken at Clear Creek Dam site proposed by Paradise Irrigation District. San Francisco, Aug. 9, 1951. Physical Description: 11 l. graphs.
Folder PHL 67	[Islais Creek grain elevator addition, San Francisco, 1951] Physical Description: 5 items.
Folder PHL 67a	Dames & Moore. Report of foundation investigation, proposed grain elevator near Islais Creek, San Francisco, California, for the Port of San Francisco, Board of State Harbor Commissioners. San Francisco, June 20, 1947. Physical Description: 5 l. diagrams.
Folder PHL 67b	Dames & Moore.

Supervision of test borings, sampling, and performance of laboratory tests, proposed addition to Islais Creek grain elevator, San Francisco, California, for the Port of San Francisco. San Francisco, April 26, 1951.

Physical Description: 4 l. diagrams.

Folder PHL 67c

Lee, Charles Hamilton

Report on supervision of boring operations, sampling, and laboratory tests, proposed south addition to Islais Creek grain elevator, Port of San Francisco. San Francisco, July 24, 1951.

Physical Description: 12 l. diagrams.

Scope and Content Note

Bound with: *Report on consolidation tests, proposed south addition to Islais Creek grain elevator, Port of San Francisco*, San Francisco, Sept. 12, 1951. (8 l., diagrams).

Folder PHL 67d

Islais Creek grain elevator, Port of San Francisco.

Physical Description: 1 folder, graphs.

Folder PHL 67e

Diagrams.

Physical Description: 1 envelope.

Folder PHL 68

Lee, Charles Hamilton

Foundation explorations, 8-story reinforced concrete building, Bernal Dwellings House Project, CAL 1-5. San Francisco, Oct. 18, 1951.

Physical Description: 17 l. graphs.

Folder PHL 101

Lee, Charles Hamilton

Soil laboratory tests reports; June 22-30, 1953 [for Box Canyon Project, Pacific Bridge Company] San Francisco, June 1953.

Physical Description: 1 v.

Box 53,
Folder 98L14b and
253k

(Oversized)