



APPENDIX I

BACKGROUND INFORMATION ON CSUSB WATER RESOURCES INSTITUTE AND JOSEPH ANDREW ROWE WATER RESOURCES ARCHIVES

The **Water Resources Institute (WRI)** at California State University, San Bernardino was established in 1999 as an academic partnership between the university and the Southern California communities we serve. The WRI is driven by the vision that sustaining a reliable supply of water resources for urban and agricultural uses and environmental sustainability rests on sound research, analysis and public policy collaboration. The WRI is engaged in an array of funded programs that provide water resource education, research and analysis.

The WRI also manages the **Joseph Andrew Rowe Water Resources Archives (WRI Archives)** that is housed in the CSUSB Pfau Library. The WRI Archives consists of two major collections and fifteen smaller collections described below that consists of technical journals, pamphlets, government documents, engineering and planning reports, well records, maps, aerial photos, books and a decade of newspaper articles. Archival materials have been donated by an array of public agencies, private firms and individuals including elected officials, engineers, attorneys and business leaders. Over the last decade, the WRI Historian/Archivist has completed ten oral histories with full transcripts of local water leaders with two additional oral histories in progress. Video interviews with water leaders throughout Southern California described below are also archived in the Pfau Library that highlight the accomplishments of WRI Lifetime Achievement Award and Water Hero Award recipients that include **Gerard J. Thibeault**, Executive Officer of the California Regional Water Quality Control Board, Santa Ana Region; **P. Joseph Grindstaff**, Executive Director CALFED; **Louis Fletcher**, General Manager (retired), San Bernardino Valley Municipal Water District; **Congressman Jerry Lewis**, **Arthur Littleworth**, Attorney with Best Best and Krieger LLP; **Lois Kreiger**, Director (emeritus), Western Municipal Water District and Metropolitan Water District of Southern California; **Ruben S. Ayala**, State Senator (emeritus); **Joseph A. Rowe** (posthumous); **Hubert Webb**; and **Bob Holcomb**.

Six water agencies in the Santa Ana watershed are Founding Members of the WRI providing annual pledges that support the Archives and other programs. These agencies are Cucamonga Valley Water District, East Valley Water District, Inland Empire Utilities Agency, San Bernardino Valley Municipal Water District, San Bernardino Valley Water Conservation District and Western Municipal Water District.

JOSEPH ANDREW ROWE WATER RESOURCES ARCHIVE

MAJOR COLLECTIONS

1. **Joseph A. Rowe Collection-** primarily related to the Santa Ana River and its tributaries, but includes areas throughout the state of California, including the Central Valley, Mojave River areas, and Los Angeles. The Rowe Collection, the cornerstone of our Archives, was begun in 1916 by Penn Rowe, who added historical documents dating to the 1870's. Joe added documents to the Collection until the mid 1980's. The Collection also includes most USGS Water Supply Papers from the 1890's to the 1970's, and California State documents published by the Department of Water Resources and its predecessor agencies. Over 4,000 aerial photos from the Rowe collection are web-accessible which represent just a small part of the overall Rowe Collection. Joseph A. Rowe, a graduate of Stanford University, was an engineer who specialized in water resources. Together with his father, William Penn Rowe, also an engineer, they ran a consulting business in the San Bernardino Valley that included many public agencies in the region, in particular water agencies. By the end of Joe's career he had collected thousands of water related documents that he donated to the San Bernardino County Museum. With Joe's permission, the Collection was eventually donated to California State University San Bernardino.
2. **William M. Claypool Collection-** primarily related to the Colorado River, but includes many documents about the Mojave Desert and surrounding areas. The collection includes historic books, historic government documents such as the Whipple Survey of the transcontinental railroad route, John Wesley Powell's survey of the Colorado River, many documents related to the Bureau of Reclamation's operation of the Colorado River and the Bureau of Land Management's maintenance of lands adjacent to the river, newspaper and magazine articles, Metropolitan Water District newsletters and brochures, and historical photos of the river. William M. Claypool III graduated Phi Beta Kappa from Pomona College in 1948. Bill was CEO of True Value Hardware, and created the first commercially successful recycling business in California. This is in addition to running and greatly expanding the very successful department store and grocery business his grandfather began in Needles, and the eastern desert regions of Southern California. Bill realized early that the Colorado River was an important part of Needles' identity. Many times he has said "we need to understand the river's past in order to chart its future."

SMALLER COLLECTIONS OF INTEREST

3. **Alan Nestlinger Collection-** retired engineer from Orange County Flood Control District. The collection includes reports, compilation of flood records and histories, movies of floods in Orange County, PowerPoint's of presentation given by Mr. Nestlinger to various groups throughout the years, photos, electronic images, and paraphernalia related to flooding in Orange County.
4. **Albert A. Webb Associates Collection-** Riverside based engineering firm that has been involved in nearly every water project in Riverside and San Bernardino County since the late 1930's. This is part of the founder, Albert Webb, engineer's

- reports, well records, State Water Project Reports, maps, and drawings from the 1950's to the mid 1980's. It mostly contains materials from the Riverside area.
5. **Bill Leonard Collection**- former member and Chair of the State Transportation Commission. Mr. Leonard also led the Water Action Committee in San Bernardino during the early 1960's and played a vital role in the 1964 election concerning joining Metropolitan Water District of Southern California. The Leonard Collection includes ledger books from the Leonard Families businesses, including Insurance and a Department Store in San Bernardino. Also included is a Sanborn Fire Insurance Map collection dated from 1911 of the City of San Bernardino.
 6. **Bob Chesney Collection**- engineer and rancher based in the Needles CA area, worked on the construction of Davis Dam. He also served on the Colorado River Salinity Commission for many years. The Chesney Collection covers Colorado River salinity issues and state boundaries.
 7. **Bob Holcomb Collection**- former Mayor of the City of San Bernardino was an advocate for local control over water supplies during the 1960's. The Holcomb Collection covers this period, and includes an Oral History.
 8. **Bookman-Edmonston Collection**- one of the foremost water resources engineering firms in the United States. The Bookman-Edmonston Collection included unique engineering reports, San Gabriel Watermaster Reports, California State Project reports, maps, drawings, and a wide variety of engineering reports from the Colorado River to the Sacramento Delta.
 9. **California State Water Quality Control Board, Santa Ana Region Collection**- aerial photos of the Ontario area in the time period of the 1970's.
 10. **Dan Powers Collection**- retired engineer from Edison that worked in the hydroelectric industry. The Powers Collection includes many hydroelectric industry journals, over a period of nearly four decades.
 11. **Earth Technology Corporation Collection** -a major environmental consulting company. This collection is all of their documents pertaining to the closing of Military Bases in Southern California, especially in regards to water resources at those facilities. It includes maps, aerial photos, technical reports, and other supporting documents from their research.
 12. **Ed Taylor Collection**- Redlands based attorney that represented the City of Redlands in numerous lawsuits concerning the Santa Ana River. The Taylor Collection contains legal documents.
 13. **Kent Schofield Collection**- Professor Emeritus from Cal State San Bernardino who is a founding member of the Water Resources Institute and continues to teach California History and Water History. The Schofield Collection includes textbooks, videos, books, personal papers, journals and maps.
 14. **Natural Resources Conservation Service Collection**- full set of aerial photographs of San Timoteo Canyon dated 1980's.
 15. **Ruben Ayala Collection**- former State Senator from Chino that was the longtime Chair of the Senate Water and Agriculture Committee who proposed the Peripheral Canal. The Ayala Collection includes some of his papers from his time as Chair. Ayala High School in Chino also has a large portion of this collection

16. **San Bernardino County Flood Control Collection (Water Resources Division)**- extensive collection of historical maps, photos, graphs, reports, drawings, and graphs from San Bernardino Public Works dated pre-Flood Control creation in 1939. This collection pre-dates that creation but also runs into the 1980's.
17. **Virginia Harshman Collection**- longtime resident of Lytle Creek is the author of the book *The Story of Lytle Creek*, a history of the area. Virginia's husband Walter Harshman worked for Fontana Union Water Company for many years. The Harshman Collection includes Virginia's book, documents and maps related to the Lytle Creek area, and photos of the Fontana Union Water Company.

COMPLETED ORAL HISTORIES WITH TRANSCRIPTS

1. **Bill Claypool**, Businessman from Needles that was active in Lower Colorado River issues
2. **Bill Leonard**- San Bernardino Business Leader who supported San Bernardino Valley Municipal Water District joining the MWD, founding member of Inland Action
3. **Bob Ellingwood**- Former Mayor of Ontario familiar with George Chaffy, City of Ontario
4. **Bob Holcomb**- Former Mayor of San Bernardino famous for opposing a ballot measure that San Bernardino Valley Municipal Water District joins the MWD in 1964
5. **Harold Willis**- San Bernardino Businessman that supported Former Mayor of San Bernardino in opposing a ballot measure that San Bernardino Valley Municipal Water District joins the MWD in 1964
6. **Joe Rowe**- San Bernardino Water Engineer from family firm that served the water industry primarily in the upper Santa Ana watershed
7. **Louis Fletcher**-Former General Manager (GM) of San Bernardino Valley Municipal Water District-District History
8. **Putty Hencks**- Longtime SB Mountain Resident that assembled a collection of documents and stories about water in Lake Arrowhead
9. **Ralph Wagner**- Engineer based in Lake Arrowhead that has served every local major water-related agency or organization
10. **Ruben Ayala**-Former State Senator remembered proposing the Peripheral Canal

ORAL HISTORIES WITH TRANSCRIPTS IN PROGRESS

11. **Bob Reiter**-Former GM of San Bernardino Valley Municipal Water District-history of District
12. **Margaret and Bud Wright**-North Fork Canal, East Valley Water District

ORAL HISTORIES WITHOUT TRANSCRIPTS IN VIDEO FORMAT INCLUDE:

Anthony "Butch" Araiza- GM, West Valley Water District; **Arlene Lewis**- Wife of Congressman Jerry Lewis; **Art Littleworth**- Attorney with Best Best & Krieger; **Barbara Boxer**- U.S. Senate; **Bev Lowry**- Director, Mojave Water Agency; **Bill Emmerson**- State Assembly Member; **Bill Huckell**- Board Member of Crestline Village Water District, Retired; **Bob Ellingwood**- Former Mayor of Ontario; **Bob Ghirelli**- Assistant General Manager for Orange County Sanitation

District; **Bob Martin**- GM, East Valley Water District; **Bob Owen**- City Attorney, Rialto; **Bob Reiter**- Former GM San Bernardino Valley MWD; **Brad Boxer**- Public Works Director, Rialto; **Brent Graham**- GM Tulare Lake Basin Water Conservation District; **Carl Boronkay**- Former GM, Western Municipal Water District; **Carole Beswick**- Chair, Regional Water Quality Control Board, Santa Ana Region; **Celeste Cantu**-Director of SAWPA; **Charlie Bachmann**- Assistant GM, East Municipal Water District; **Daniel Cozad**- President of Integrated Planning and Management, Inc.; **Dave Kelly**-State Senator; **Dennis Hansberger**- San Bernardino County Board of Supervisors; **Dennis Majors**- Former Santa Ana River Project manager, USACE; **Don Harriger**- GM Western Municipal Water District and Water Master; **Doug Headrick**- Public Works Director of Redlands; current GM of SBVMWD; **Dr. Albert K. Karnig**- President of CSUSB; **Dr. Fred Cannon**- Penn State University; Dr. Joe Lovett- Department of Health Science and Human Economics, CSUSB; **Dr. Keith Takata**- U.S. Environmental Protection Agency; **Dr. Kent Schofield**- Professor of history, CSUSB; **Dr. Klaus Brasch**- CSUSB Center for Technology Transfer; **Dr. Mark Losi**- Center for Environmental Microbiology
Dr. William Aguilar- V.P. of CSUSB; **Fred Hanson**- V.P. of Albert A Webb Associates; **George E. “Skip” Wilson**- Director, East Valley Water District; **Gerry Thibeault**- Executive Officer of the California Regional Water Quality Board, Santa Ana Region; **Gordon Cologne**-State Senator; **Greg Wilkinson**- Attorney with Best Best & Krieger; **Hubert Webb**-CEO of Albert A. Webb Associates; **Jerry Lewis**- US Congressman; **Jerry Thibeault**- Executive Officer, Santa Ana Regional Water Quality Control Board; **Jim Dilworth**- Legal council for San Bernardino Valley Municipal Water District; **Joe Grindstaff**-Lifetime achievement 2008- Director of the California Bay Delta Authority; **John Anderson**- Inland Empire Utilities Agency, Board of Directors; **John Paul Woodley**- US Department of Defense; **Johnnie Ann Ralph**- Former Dean, Pfau Library; **Judith Valles**- Former Mayor of San Bernardino; **Justice Robert Robie**- California Court of Appeal; **Keith Lewinger**- Water Reuse Association; **Ken Witt**- Former Board Member MWD; **Kirk Berchtold**- Santa Ana Regional Water Quality Control Board; **Lester Snow**- Director of California Department of Water Resources; **Lois Krieger**- first woman President of MWD, WMWD Director; **Louis Fletcher**- Retired GM, San Bernardino Valley Municipal Water District; **Marion Ashley**- Riverside County Supervisor, District 5; **Matt Webb**- President of Albert A. Webb Associates; **Mike Huffstutler**- GM Bear Valley Municipal Water Company; **Norm Hunt**- GM, Crestline Village Water District, Retired; **P. MacLaggan**- Vice President, Poseidon Resources; **Pat Morris**- Mayor of San Bernardino; **Patrick Mulligan**- President of San Bernardino Valley Municipal Water District; **Patrick Hamrick**- Director, Jurupa Community Services District; **Patrick Milligan**- President, San Bernardino Valley Municipal Water District; **Pete Dangermond**- President, ESRI;
Peter Wulfman- Director of Solid Waste Management, San Bernardino County; **Phillip Kassal**- long-time SB Attorney and former Law Partner of Bob Holcomb; **Quentin Kopp**- Former State Senator; **Rachael Clark**- City Clerk for the City of San Bernardino

Randy Record- Director, East Municipal Water District; **Randy Van Gelder**- GM San Bernardino Valley Municipal Water District; **Rich Atwater**- Inland Empire Utilities Agency; **Robb Quincy**- City Manager of Upland; **Ron Gastelum**- Former GM, MWD of Southern California; **Sam Gershon**- Senior V.P. of Albert A. Webb Associates; **Stacey Aldstadt**-General Manager, San Bernardino City Water Department; **Steve Kashiwada**- Former Deputy Director of the State Water Project; **Steve Stockton**- Former GM, SGPWA; **Thomas N. Jacobson**- Attorney, Gresham Savage Nolan & Tilden; **Tim Moore**- President of Risk Sciences; **Tom Clark**- GM Kern County Water Agency; and **Wayne Holcomb**- Former board member, Western Municipal Water District.