

## Timeline of the Stockton East Water District:

|                         | Year/Date           | Event   |
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| <b>PRE-SEWD HISTORY</b> | 1909                | First dam built at Mormon Slough in attempt to supply water to Old Calaveras River and North Slough (now Mosher Creek). Constructed out of dirt and wood; it was washed out completely almost as soon as it was completed.  |
|                         | 1910                | Diverting Canal completed (construction began on 11/03/1908). This work resulted from a 6/13/1902 Congressional act authorizing the federal government to build a diverting channel from Mormon Slough to the Calaveras River above the City of Stockton. The purpose of the artificial channel was to allow water flowing down Mormon Slough to pass through the new canal and then to Calaveras River bypassing the navigable areas in Stockton as well as flood control for the City of Stockton. Silt from Mormon Slough (mine tailings) was adversely effecting navigation to and from the Port of Stockton. |
|                         | 1929                | In October 1929, the District was incorporated and held their first election. First order of (Linden Irrigation) District business was to retain an agreement with the City of Stockton to build gates on the Hogan Dam, which was in construction process. The City declined the request. Second order of business was to divide water at Bellota with a series of percolation dams to replace the falling ground water table. This plan would allow levee-side farmer to pump out water directly from the river.  |
|                         | 1930                | Hogan Dam construction completed. Hogan Dam was built by the City of Stockton for flood control.  |
|                         | 1934                | Linden Irrigation District with the aid of the Federal Works Progress Administration excavated the Calaveras River bed at Bellota with the hope that flows from Hogan Dam could be rediverted from Mormon Slough to the Old Calaveras providing irrigation water for farmers along the Old Calaveras River.   |
|                         | 1936                | The Linden Irrigation District operated the Old Calaveras River from 1934 to 1936 when due to financial difficulties, and failure to negotiate a contract to use Hogan Dam for conservation storage the District (Linden) ceased to operate.  |
|                         | <b>SEWD HISTORY</b> | June 8, 1948  |

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| 1949 | S&ESJWCD deepened the mouth of the Old Calaveras River and constructed the Bellota Weir. Also constructed at this time was the Mosher Slough headworks and channel connecting Mosher and Calaveras River. S&ESJWCD negotiated with the City of Stockton to place gates on Hogan Dam resulting in conservation water for irrigation.  |
| 1955 | Floodwaters from the Calaveras River closed nearly all the routes into and out of the City of Stockton. Mormon Slough, which had not had significant flows since the construction of Hogan Dam, was completely inundated. The flood's toll amounted to \$1.7 million in property damage and the loss of one life. On Christmas Eve, the high waters completely cut Linden off from Stockton, and the diverting canal failed. |
| 1960 | November - Ground broken and construction began on New Hogan Dam by the USACE following lobbying efforts from the community.   |
| 1963 | District opened its first office and registered 5,000 wells for groundwater assessments.   |
| 1964 | New Hogan Dam completed by the USACE and first filled. The District and the Bureau signed the first interim contract providing for the sale of stored water to the District at the rate of \$4.00 AF.  |
| 1967 | Saline water intrusion moving towards Stockton at the rate of 140-150 feet.  |
| 1969 | MBK water rights study determines infiltration rates in Mormon Slough and the Calaveras River that benefit the groundwater basin; provides the basis for surface water right protections and District rules.   |
| 1970 | Calaveras County Water District and SEWD enter contract with the US Bureau of Reclamation for the water stored and diverted through New Hogan Dam (Reservoir).   |
| 1971 | S&ESJWCD changed name to Stockton East Water District (SEWD).  |
| 1971 | State Legislature set SEWD in charge of improving management of local water resources and securing additional supplemental surface water source to cease the decline of the underground water basin  |
| 1971 | September - SEWD expanded boundaries and also constructed 7 new check dams on the Mormon Slough.   |
| 1973 | January - Design Engineering for the WTP began.  |
| 1973 | 06/28/73 - First day of operation of a series of electrically controlled check dams on the Mormon Slough that are designed to save ultimately over a billion and a half gallons of water per year. Bellota Weir is the master control point. At this point approximately 10,000 acres of farmland depend on over-the-bank pumping of irrigation water. By 1981, the electronic controls abandoned due to impracticality.     |

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| 1973 | SEWD completed a Master Water Plan, Contingency Water Plan and Environmental Impact Report to serve as guidelines to SEWD in solving the water problems, groundwater overdraft and saline intrusion among other things, contemplates the construction of a water treatment plant.   |
| 1974 | District holds election and receives affirmative vote to proceed with water treatment plant.  |
| 1975 | Contract between SEWD, Cal Water, City of Stockton and San Joaquin County – Lincoln Village and Colonial Heights Maintenance Districts for construction and operation of the treatment plant, which shall deliver a minimum of 20,000 AF per year. (2/11/75).   |
| 1975 | Beginning Phase of Construction of SEWD WTP.  |
| 1975 | \$25 million bond was passed to the District to fund the WTP.   |
| 1975 | Bellota Pipeline constructed.   |
| 1977 | Drinking water treatment plant (DWTP) construction completed.   |
| 1978 | WTP goes online-delivery of treated surface water from New Hogan Reservoir to Stockton urban area began. The 42-inch pipeline provides water to Cal Water service area and then through interconnects from the Cal Water System to City of Stockton and San Joaquin County.   |
| 1979 | Construction of New Melones Reservoir is completed with capability to store 2 MAF on the Stanislaus River, which was operated by the Bureau of Reclamation as part of the Central Valley Project.   |
| 1979 | Independent Benefit Commission concluded that the DWTP was a benefit to the urban planning area. At this time, the District encompasses 116,300 acres.  |
| 1980 | DWR deems the underground water basin as ‘critically’ overdrafted.  |
| 1981 | SEWD sought a long-term water supply from the American River through the Folsom South Canal, but litigation had stalled its procurement. U.S. Secretary of the Interior declared a temporary solution for the CVP Eastside Contractors is to divert surface water from New Melones Reservoir of which SEWD & Central would have 155,000 AF available after meeting the needs in the Stanislaus River Basin. |
| 1983 | SEWD expand surface water irrigation from New Hogan with the construction of the 12,000 gpm Potter Creek pump facility.   |
| 1983 | SEWD and California Department of Fish and Game sign an agreement to install a temporary fish ladder at Bellota Weir.   |
| 1983 | SEWD and CSJWCD contracted with the Bureau of Reclamation for a combined 155,000 AF of water annually for its urban and Ag customers (12/19/83).  |

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| 1985 | Eastern San Joaquin County Groundwater Study known as the Brown & Caldwell Study quantifies overdraft of Eastern San Joaquin County Basin; results are continued to be applicable today (~200,000 AFA of continued overdraft, saline intrusion at 145-feet per year toward east, and 50-year average of 1.7-foot decline in groundwater levels every year). |
| 1987 | 09/25/87 - Second Amended Contract Executed Between SEWD, Cal Water and City of Stockton.   |
| 1988 | The USBR formally notified SEWD and CSJWCD that water was available from NM Reservoir. Acting upon this notification, both agencies issued \$65 million in bonds to finance conveyance facilities & expand the WTP to accommodate new water supply.   |
| 1988 | First Award of Goodwin Tunnel Project.  |
| 1990 | 01/31/90 - Wheeling Agreement Between SEWD & CSJWCD.  |
| 1990 | 03/23/90 - Tri-Dam Agreement.   |
| 1990 | 06/19/90 – Awarded Contract to Pacific Mechanical Company for Water Treatment Plant Expansion.  |
| 1990 | The North Stockton Pipeline is completed by the City of Stockton. The 48 inch pipeline serves north Stockton from the SEWD treatment plant. Second transmission pipeline from the treatment plant to the Stockton urban area.   |
| 1991 | 12/03/91 - Upper Farmington Canal Contract Completed.   |
| 1991 | SEWD expanded DWTP to 45 million gallons of water.  |
| 1992 | Congress passes the Central Valley Project Improvement Act (CVPIA); reallocating 800,000 AF of CVP yielding to environmental purposes.  |
| 1993 | SEWD and CSJWCD are denied water by Reclamation entitled to through previous contract. Both agencies were the only federal water contractors to be denied water as a result of CVPIA. After repeated refusal by Reclamation, SEWD files lawsuit against Reclamation for Breach of Contract and damages.   |
| 1994 | New Melones Conveyance System completed, which includes a 3.2 mile Goodwin Tunnel, 8.5 mile Upper Farmington Canal, 14.7 miles of creeks – Shirley, Rock & Hoods, 9.6 miles of Lower Farmington Canal and 3.2 miles of Peters Pipeline.   |
| 1995 | USBR made water available for the first time to SEWD and CSJWCD in August of 1995. The districts used 1,555 AF and 7,012 AF respectively.   |
| 1995 | Negotiations begin on water transfer agreement with OID/SSJID.  |
| 1995 | SEWD receives water for the first time from the NM Reservoir in amount of 8,788 AF.   |
| 1996 | Congress authorized the Farmington Dam study to determine the feasibility of ownership being transferred to SEWD.   |
| 1996 | 08/1996 - Administration Building Complete and DWTP dedicated to Dr. Joe Waidhofer, a former Board member who worked tirelessly to see the construction of the DWTP in the 1970's.  |

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| 1997 | SEWD enters into a water transfer agreement with OID and SSJID for 8,000 to 30,000 AF depending on NM inflow.   |
| 1998 | Steelhead listed as threatened under the Endangered Species Act by National Marine Fisheries Service (NMFS).  |
| 1999 | Congress authorizes \$25 million for the Farmington Groundwater Recharge & Seasonal Habitat Program, and the construction of groundwater recharge and conjunctive use facilities.   |
| 2000 | Steelhead granted special protection under section 4(d) of the Endangered Species Act.  |
| 2001 | Begin work on Habitat Conservation Plan (HCP) for all salmonids on the Calaveras River with NMFS.   |
| 2001 | 01/31/01 Joint Exercise of Powers Agreement among SJCFC&WCD, COS, City of Lodi, SEWD, CSJWCD, Woodbridge Irrigation and NSJWCD, aka Northeastern San Joaquin County Groundwater Banking Authority (GBA) to facilitate development of groundwater banking projects & improving water supply reliability in Northeastern SJ County.   |
| 2001 | SEWD completes the Farmington Groundwater Recharge and Seasonal Habitat Study in conjunction of the USACE as well as other local agencies.  |
| 2001 | SEWD voluntarily implements several temporary fish passage improvements including placing sandbags at road crossings to provide better depths and velocities for passage at these structures, installing a temporary Denil fish ladder at Bellota to allow fish access above the weir, installed a temporary barrier at the head of Old Calaveras River to prevent juveniles from entering and becoming stranded in the channel, and created a sandbag wall on Bellota Weir apron to direct flow into the lower fish ladder so it would operate more effectively. |
| 2002 | With additional powers granted by the Legislature, Eastern Water Alliance (Alliance) formed between NSJWCD, SEWD, and CSJWCD to assist each other in implementing groundwater recharge and conjunctive use projects.  |
| 2003 | 04/2003 - Began Operation of Pilot Project-Farmington Groundwater Recharge and Seasonal Habitat Program; Pilot Project built with State and Local funds.  |
| 2004 | Calaveras River Watershed Stewardship Group - Watershed Coordinator Grant Program Implemented with Grant from Department of Conservation.   |
| 2004 | SEWD increases its boundaries by annexing 27,000 acres (new 143,000 acres).   |
| 2005 | SEWD installs a temporary fish screen at Bellota intake at a cost of \$66,000. NMFS recommended this placement of a temporary fish screen as an interim measure until a permanent fish screen and fish ladder project can be completed. Preliminary design on fish screen and ladder at Bellota intake are estimated at \$7.5 million (per CH2MHill study).   |

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| 2005 | Construction begins on 6-mile, 60-inch diameter Peters Pipeline extension to the WTP and providing possibly 30 irrigation outlets. The project was funded with a 50/50 cost share from a DWR Groundwater Storage Program Construction Grant. Total project cost - \$7.6 million. |
| 2005 | The South Stockton Aqueduct is completed by the City of Stockton. The 42-inch pipeline serves south Stockton from the SEWD treatment plant; the third transmission pipeline from the treatment plant to the Stockton urban area.   |
| 2006 | October - Completion of Peters Pipeline that opens 4,000 acres of land providing up to 10,000 AF of New Melones water for irrigation, as well as providing an additional pipeline to bring New Melones water to the DWTP.  |
| 2007 | Respectively both Efficiency Enhancement Projects-(04/17/07-Flocculation Sedimentation Basin, and 10/09/07-Finished Water Pumping Station Modification Project) were completed allowing rated capacity of DWTP to increase to 50 mgd with a peak pumping capacity of 94 MGD.     |
| 2007 | Book Published, 'High & Dry' – Leslie Crow, Author   |
| 2008 | Proposed annexation of 20,089 acres along southern boundaries of SEWD (07/08/08).  |
| 2008 | Contract with Black & Veatch for DJWTP Expansion Basis of Final Design Report for expansion of WTP to 72 MDG (Final Report 12/08/08).  |
| 2008 | SEWD 60 <sup>th</sup> Anniversary, celebrated on Friday June 6, 2008 and dedication of two district streets to honor Board members Al Bonner and Paul Polk's tireless service to the district.   |
| 2008 | Federal funding resumed for Farmington Program, resulting in significant progress on water right applications for Phase II.  |
| 2008 | Carbon tetrachloride (CCl4) discovered in chlorine cylinders-leading edge of drinking water industry (10/2008).  |
| 2008 | Re-invigorated efforts to help Ag customer divert surface water for the benefit of the Basin (Adopted Rule No. 159 – 10/07/08).  |
| 2008 | Appealed US Court of Federal Claims decision in Breach of Contract Claim and filed new actions, continuing efforts to force USBR to deliver CVP water (Oral Arguments in Washington DC on 10/09/08).   |
| 2008 | Recognized by ACWA for third year in a row, leading Region 4 in responding to requests under the Outreach Ambassador Program (received award at ACWA Fall Conference on 12/04/08).   |
| 2008 | Signed MOU with Central San Joaquin Water Conservation District committing efforts for consolidation (MOU signed 12/30/08).  |
| 2009 | Contract with Montgomery Watson Harza for Increasing Long-Term Reliable Water Supplies to SEWD DWTP (Final Report 02/2009).  |

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| 2009 | Federal Funding Appropriated for the Farmington Program-\$287,000 (04/13/09).  |
| 2009 | Federal Stimulus Funding provided to USACE for Farmington Program-\$835,000 (06/29/09).  |
| 2009 | Won Breach of Contract Claim on appeal and allowed to pursue damages from USBR for breach of CVP Contract (09/30/09).  |
| 2009 | City of Stockton begins construction of its Delta Water Supply Project (DWSP)-Groundbreaking 10/29/09.   |
| 2009 | Entered into Option to Purchase Agreement with Richard and Frances Bozzano (12/2009) for 230-acre North Site.  |
| 2009 | Recognized by ACWA for fourth year in a row, leading Region 4 in responding to requests under the Outreach Ambassador Program (received award at ACWA Fall Conference on 12/03/09).  |
| 2010 | Significant administrative and legal efforts to replace the Second Amended Contract between the Urban Contractor's and SEWD. This process was stalled on October 13, 2010 when Mark Madison, City of Stockton informed SEWD that progress on this effort needed to be put on the shelf for at least 3-years. |
| 2010 | Brigadier General Scott Donahue (USACE), Colonel William Leady (USACE) and other Federal, State and Local Officials received a tour of the district's Farmington Program (08/17/10).   |
| 2010 | Recognized by ACWA for fifth year in a row, leading Region 4 in responding to requests under the Outreach Ambassador Program (received award at ACWA Fall Conference (11/03/10).   |
| 2011 | District adopts Resolution No. 11-12-04 Findings for the 2011 New Melones Conveyance System Wheeling Rate for Central San Joaquin Water Conservation District (05/24/2011).  |
| 2011 | Completion of the Budiselich Flashboard Dam Fish Passage Improvement Project (10/25/2011).   |
| 2012 | Completed damages trial phase of Breach of Contract Claim with USBR.   |
| 2012 | Recognized by ACWA for sixth year in a row, leading Region 4 in responding to requests under the Outreach Ambassador Program (received award at ACWA Fall Conference (12/06/12).   |
| 2012 | USBR notifies SEWD the district will be charged as a long term Contractor. Rate setting tables will now reflect SEWD with all other long-term Contractors on the CVP.  |
| 2012 | Ground is broken on the 10 MG Finished Water Reservoir Project. This Project will eliminate a bottle neck in water delivery and allow the district to perform proper maintenance on both finished water reservoirs.  |
| 2012 | City of Stockton begins operating its Delta Water Supply Project (DWSP) and SEWD adjusts its output to cooperate with this new surface water supply.   |

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| 2012 | District adopts Resolution No. 11-12-15 Findings for the 2012 New Melones Conveyance System Wheeling Rate for Central San Joaquin Water Conservation District (03/13/2012).  |
| 2012 | District Manager Kevin M. Kauffman retires from the district (12/22/12) after 13.5 years of service.   |
| 2013 | District hires new General Manager, Scot A. Moody (06/10/13). Manager Moody came to the water district with 20 years of experience in the US Navy, achieving the position of Division Officer; and eight years of experience in managing water, wastewater, and other facilities in Tracy and Twain Harte. |
| 2013 | District adopts Resolution No. 12-13-16 Findings for the 2013 New Melones Conveyance System Wheeling Rate for Central San Joaquin Water Conservation District (03/06/2013).  |
| 2013 | Completion of a new 10MG Finished Water Reservoir (October 2013). Project was funded with 0% interest loan from the State Revolving Fund (SRF).  |
| 2014 | Completion of Rehabilitation of the existing 35-year old 10 MG Finished Water Reservoir. (May 2014)  |
| 2014 | District adopts Resolution No. 13-14-13 Findings for the 2014 New Melones Conveyance System Wheeling Rate for Central San Joaquin Water Conservation District (03/11/2014).  |
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