



Development Timeline to Update the 2004 WLAM

Year	Qtr.	Activity
2004	Q1	SNMP BPA approved by Reg. Bd. (1/22/2004)
2004	Q2	NTDS Task Force begins conversion to BMPTF
2004	Q3	State Board approves BPA for SNMP (10/1/2004)
2004	Q4	BMPTF develops Monitoring Program
2005	Q1	OAL approves BPA for SNMP (1/24/2005); Monitoring Program submitted
2005	Q2	Monitoring and Reporting Program Approved by Reg. Bd. (4/15/2005)
2005	Q3	Nitrogen Loss studies completed & submitted to Reg. Bd.
2005	Q4	First triennial AWQU completed by WEI (Nov., 2005) and submitted to Reg. Bd.
2006	Q1	
2006	Q2	
2006	Q3	
2006	Q4	
2007	Q1	Task Force directs WEI to develop Scope-of-Work to update the 2004 WLAM
2007	Q2	EPA approves BPA for the SNMP (6/20/2007; 29 mo. after OAL & 40 mo. after Reg. Bd.)
2007	Q3	WEI commences works: data collection and model calibration
2007	Q4	Review results of model calibration
2008	Q1	Define scenarios to be evaluated in the WLAM; confirm planning assumptions
2008	Q2	WEI prepares WLAM Scenarios #1 thru #6
2008	Q3	Review draft results for the updated WLAM
2008	Q4	Review draft results for the updated WLAM
2009	Q1	SWRCB adopts Recycled Water Policy requiring salt & nitrate management plans
2009	Q2	WLAM-Final Report (Scenarios #1-6); does not comply w/ N-WQO in Chino So.
2009	Q3	Define planning assumptions for Scenario #7; reduce Riverside limit to 10 mg/L
2009	Q4	WEI seeks clarification of appropriate averaging periods for WLAM compliance
2010	Q1	Review draft results for Scenario 7; shows compliance with N-WQO in Chino So.
2010	Q2	Draft BPA to approve updated WLAM delivered to Reg. Bd.
2010	Q3	WLAM - Final Report for Scenario #7 (July, 2010)
2010	Q4	Draft Staff Report to support BPA for updated WLAM delivered to Reg. Bd.
2011	Q1	Draft SED to support BPA adopting updated WLAM delivered to Reg. Bd.
2011	Q2	BPA in development at Regional Board
2011	Q3	BPA in development at Regional Board
2011	Q4	BPA in development at Regional Board

Year	Qtr.	Activity
2012	Q1	BPA in development at Regional Board
2012	Q2	Concerns raised re: TDS limits for Master Reclamation Permit in Riverside-A
2012	Q3	Develop justification for allocation of assimilative capacity in Riverside-A
2012	Q4	Court decision in AGUA case re: application of Antidegradation Policy (68-16)
2013	Q1	SWRCB's Chief Counsel authors memo summarizing AGUA court decision
2013	Q2	Decided to revise WLAM to account for AGUA case & Seven Oaks Project
2013	Q3	Draft of Triennial Ambient Water Quality Update (1993-2012) presented
2013	Q4	WEI submits proposal to prepare WLAM-Scenario #8
2014	Q1	EPA raises concerns re: BPA for the Beaumont and Yucaipa area
2014	Q2	Identified need to investigate TDS trends & exceedances at Prado Dam
2014	Q3	Technical Memorandum: Scenario 8 Simulation Description
2014	Q4	WEI prepares Special Report investigating cause of increasing TDS at Prado Dam
2015	Q1	WLAM-Final Report (Scenario #8); does not comply w/ N @ CS or TDS @ Prado
2015	Q2	WEI prepares second Special Report on role of POTWs in TDS trends at Prado
2015	Q3	Develop draft petition to revise nitrate WQO in Chino-South
2015	Q4	Significant concerns raised re: proposed changes to N-WQO in Chino-South
2016	Q1	Discuss regulatory alternatives to address N compliance issue in Chino-South
2016	Q2	Review prior studies used to develop the current Nitrogen-Loss Coefficients
2016	Q3	Task Force forms scoping committee to update the WLAM
2016	Q4	RFP and contractor selection process for the WLAM update project
2017	Q1	Geosciences contract initiated; data collection begins
2017	Q2	Calibration for area upstream of MWD crossing & comparison to 2004 WLAM
2017	Q3	Calibration of larger HSPF model include Temescal zone and OC (below Prado)
2017	Q4	Peer Review Workshop for HSPF-WLAM
2018	Q1	Geosciences responds to comments from Peer Review workshop
2018	Q2	Geosciences revises Tech Memo #1 (data collection) & #2 (calibration)
2018	Q3	Develop and confirm specifications for Predictive Scenarios; Incl./Excl. ponds
2018	Q4	Run WLAM, present draft results, respond to comments on Tech Memo #3
2019	Q1	Evaluate modeling approach in Reach 3, integrate IEUA diversions,
2019	Q2	Evaluate low TDS @ Prado, run sensitivity analysis, summarize draft results
2019	Q3	Revise Tech Memo #3, Publish Tech Memo #5 & #6; Revise TDS @ Prado calcs
2019	Q4	Revise Beaumont & Bunker Hill-B; Finalize WLAM report; SAWPA workshop
2020	Q1	Review draft BPA findings needed to approve WLAM; Temescal problems identified
2020	Q2	Revise and recalibrate model for Temescal Creek; re-run Scenarios
2020	Q3	Revise and reissue final report; review and finalize
2020	Q4	