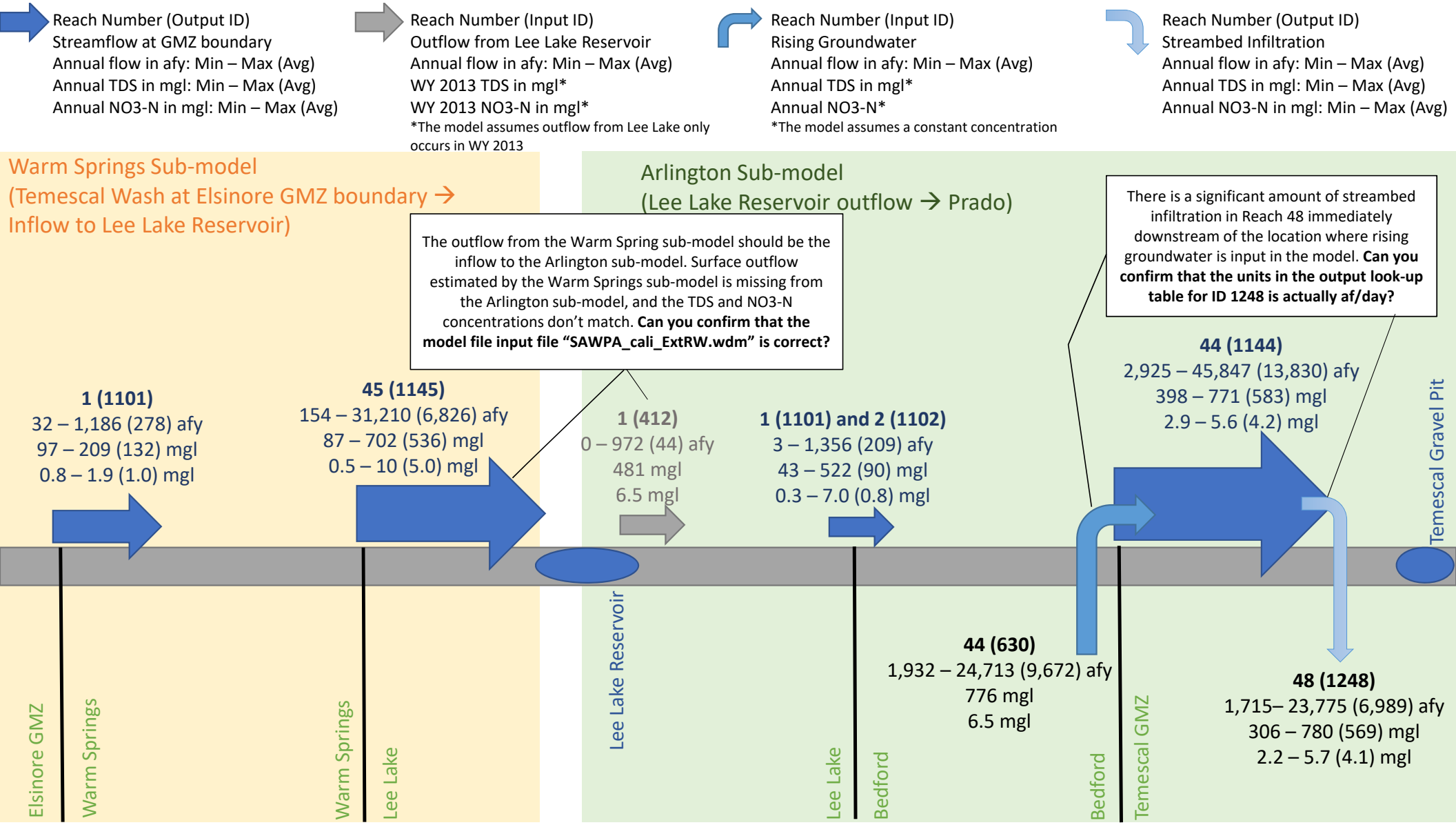
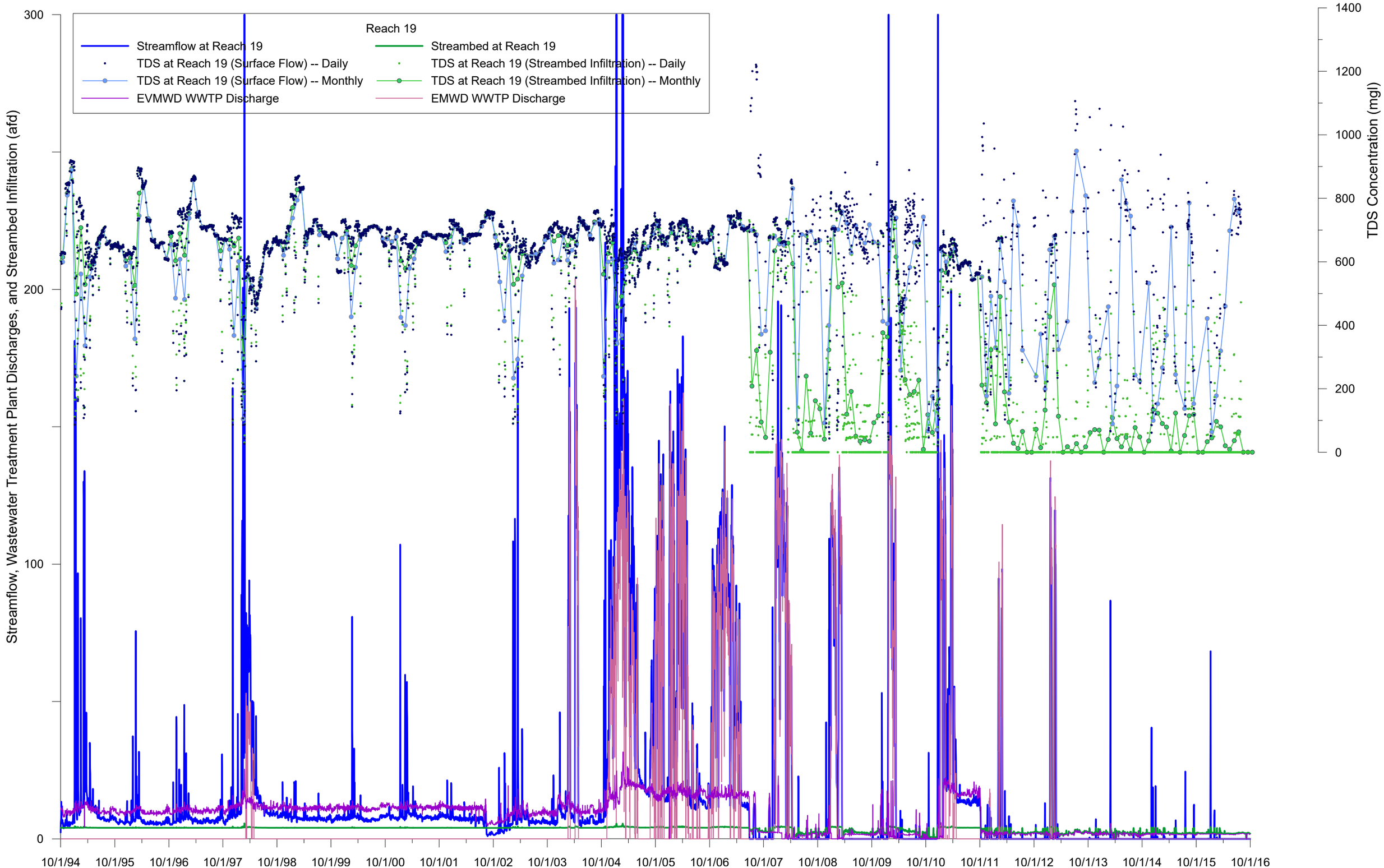

Reach Number (Output ID)
Streamflow at GMZ boundary
Annual flow in afy: Min – Max (Avg)
Annual TDS in mgl: Min – Max (Avg)
Annual NO3-N in mgl: Min – Max (Avg)
Reach Number (Input ID)
Outflow from Lee Lake Reservoir
Annual flow in afy: Min – Max (Avg)
WY 2013 TDS in mgl*
WY 2013 NO3-N in mgl*
*The model assumes outflow from Lee Lake only occurs in WY 2013
Reach Number (Input ID)
Rising Groundwater
Annual flow in afy: Min – Max (Avg)
Annual TDS in mgl*
Annual NO3-N*
*The model assumes a constant concentration
Reach Number (Output ID)
Streambed Infiltration
Annual flow in afy: Min – Max (Avg)
Annual TDS in mgl: Min – Max (Avg)
Annual NO3-N in mgl: Min – Max (Avg)
Warm Springs Sub-model
(Temescal Wash at Elsinore GMZ boundary → Inflow to Lee Lake Reservoir)
Arlington Sub-model
(Lee Lake Reservoir outflow → Prado)
The outflow from the Warm Spring sub-model should be the inflow to the Arlington sub-model. Surface outflow estimated by the Warm Springs sub-model is missing from the Arlington sub-model, and the TDS and NO3-N concentrations don't match. Can you confirm that the model file input file "SAWPA_cali_ExtRW.wdm" is correct?
There is a significant amount of streambed infiltration in Reach 48 immediately downstream of the location where rising groundwater is input in the model. Can you confirm that the units in the output look-up table for ID 1248 is actually af/day?
1 (1101)
32 – 1,186 (278) afy
97 – 209 (132) mgl
0.8 – 1.9 (1.0) mgl
45 (1145)
154 – 31,210 (6,826) afy
87 – 702 (536) mgl
0.5 – 10 (5.0) mgl
1 (412)
0 – 972 (44) afy
481 mgl
6.5 mgl
1 (1101) and 2 (1102)
3 – 1,356 (209) afy
43 – 522 (90) mgl
0.3 – 7.0 (0.8) mgl
44 (1144)
2,925 – 45,847 (13,830) afy
398 – 771 (583) mgl
2.9 – 5.6 (4.2) mgl
44 (630)
1,932 – 24,713 (9,672) afy
776 mgl
6.5 mgl
48 (1248)
1,715– 23,775 (6,989) afy
306 – 780 (569) mgl
2.2 – 5.7 (4.1) mgl
Elsinore GMZ
Warm Springs
Warm Springs
Lee Lake
Lee Lake Reservoir
Lee Lake
Bedford
Bedford
Temescal GMZ
Temescal Gravel Pit


Reach 19
Streamflow at Reach 19
TDS at Reach 19 (Surface Flow) -- Daily
TDS at Reach 19 (Surface Flow) -- Monthly
EVMWD WWTP Discharge
Streambed at Reach 19
TDS at Reach 19 (Streambed Infiltration) -- Daily
TDS at Reach 19 (Streambed Infiltration) -- Monthly
EMWD WWTP Discharge
Streamflow, Wastewater Treatment Plant Discharges, and Streambed Infiltration (afd)
TDS Concentration (mgl)
300
200
100
0
1400
1200
1000
800
600
400
200
0
10/1/94
10/1/95
10/1/96
10/1/97
10/1/98
10/1/99
10/1/00
10/1/01
10/1/02
10/1/03
10/1/04
10/1/05
10/1/06
10/1/07
10/1/08
10/1/09
10/1/10
10/1/11
10/1/12
10/1/13
10/1/14
10/1/15
10/1/16