

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 4/27/2017

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	64.1
N2	Total SAR Deliveries	64.1
A1	SAR PH#3 Penstock (calc)	42.3
B1	BVMWC Highline	4.4
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	33.1
G2	North Fork Canal Weir	10.2
H2	Edwards Canal	1.0
W1	Redlands Aqueduct (calc)	17.8
V1	PH3 Afterbay Spill Loss to SAR	2.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	0.0
V	Total SWP Deliveries	0.0
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	47.9
U3	Total MC Deliveries	47.9
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	37.1
T3	MC #1 Flow (Cooley Hat)	31.5

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	12.8
Mentone Reservoir Level	19.4

River Recharge	AF
Estimate SAR Recharge (AF)	0
Estimate Mill Creek Recharge (AF)	0
Estimated Total River Recharge (AF)	0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	18,166	166,000
Santa Ana River to Mill Creek	SAR-MC	1,236	0
Santa Ana River	SWP	1,796	0
Mill Creek	MC	4,200	99,700
Mill Creek	SWP	203	0
Redlands	SWP	33	0
Loma Linda	SWP	487	0
East Valley	SWP	3,668	0

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. EVWD blocked the River-pick up due to treatment issues.

Daily Flow Report

4/27/2017

Time: 7:00:00 AM

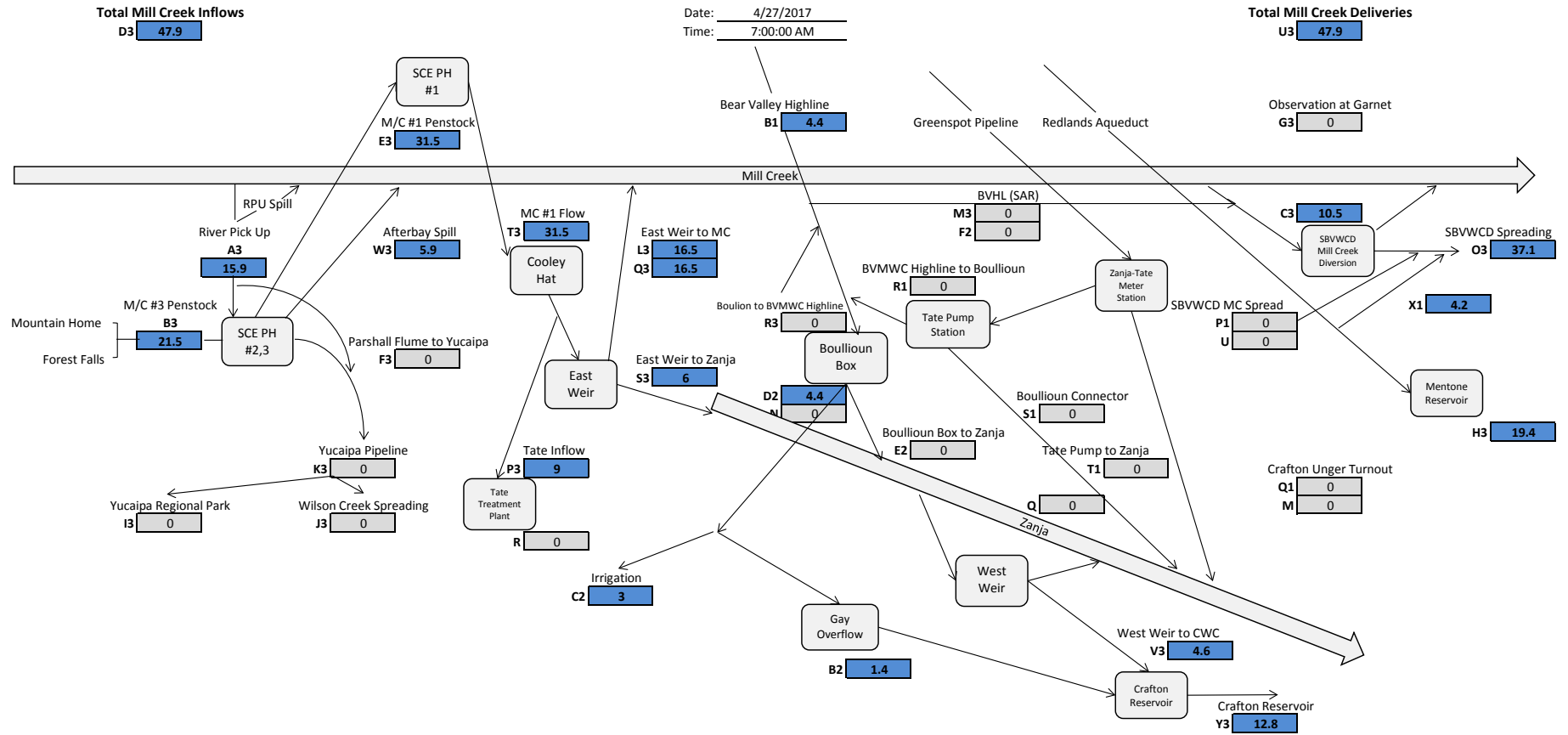
Santa Ana River Inflows											
SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	10.2	A2	Newport	0.0	D1	BVMWC River PU (USGS)	4.4	A1	SAR PH #3 Penstock (calc)	42.3
H2	Edwards Canal	1.0	D2	Boullioun Box Weir	4.4	E1	Main River Gage (USGS)	17.4	B1	BVMWC Highline	4.4
J2	Tailrace Valve to Parshall Flume	15.7	E2	Boullioun Box to Zanja	0.0	minus			C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	4.4
V1	PH#3 Afterbay SpillLoss to SAR	2.0	B1	BVMWC Highline 4.4		Z1	SOD Release Subtotal 21.8		E1	Main River Gage (USGS)	17.4
W1	Redlands Aqueduct / Sandbox	18.2							D1a	BV Pick-Up gated	☒
Y1	Redlands Sandbox Spill	0.0	Other						A5	Total SAR Inflows	64.1
minus			J1	Big Bear Lake Release	0.4	W	Observation at SOD	N/A	Edison Generation		
D1	BVMWC River PU (USGS)	4.4	L1	SCE SAR AVM (SCADA)	49.1	X	SOD Reservoir Elevation (scada)	2155.7	SAR PH#1 Generating ☒		
I1	Redlands Tunnel	0.4	X1	SAR-MC Spread (Red. Aqueduct)	4.2	Y	Debris Pool Elevation	0.0	SAR PH#3 Generating ☒		
A1	SAR PH #3 Penstock (calc)	42.3									
K1	PH3# Penstock (SCADA)	42.3									

Mill Creek Inflows					
Total MC Inflows			Other		
A3	RPU Flow	15.9	E3	M/C #1 Penstock Flow	31.5
B3	M/C #3 Penstock	21.5	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	10.5	G3	Observation at Garnet	0.0
D3	Total MC Inflows	47.9			

SBVWCD Recharge												
Location		Type	Previous Day (AF)			WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	67.5		I4	18,165.8	166,000	I4	17,263.2	166,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	15.5		O4	1,235.6		O4	1,072.9		
B4	Santa Ana River	SWP	F4	0.0		J4	1,795.9		J4	1,795.9		
C4	Mill Creek	MC	G4	15.4		K4	4,200.3	99,700	K4	3,971.7	99,700	
D4	Mill Creek	SWP	H4	0.0		L4	203.0		L4	203.0		
	Redlands	SWP		0.0			32.9			0.0		
	Loma Linda	SWP		0.0			486.6			0.0		
	East Valley	SWP		0.0			3,668.4			0.0		
SAR Passing Cuttle Weir (cfs)		0	Share of Lost SAR Flow			0	Estimate SAR flow (cfs)		0	Estimate SAR Recharge (AF)		0
Mill Creek Passing Garnet (cfs)		0	Share of Lost Mill Creek Flow			0	Estimate Mill Creek flow (cfs)		0	Estimate Mill Creek Recharge (AF)		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama			0	Total River Flow (cfs)		0	Total River Recharge (AF)		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations

