

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: June 29, 2012			
						Time: 0730			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.1	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.5	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.5	
(+F1)	Greenspot Spill	7.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	14.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	8.1	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.3	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	9.4	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.8	
(Σ)G1	SubTotal 1+2 SAR Inflows	23.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.8	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	23.6	W1	Redlands Aqueduct / Sandbox	6.7	(+K2)	Northfork Parshall Flume	2.7	
H1	SBVWCD Diversion	1.3	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.3	
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	4.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	23.6	
L1	SCE SAR AVM (SCADA)	14.2							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	8.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.4	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	1.8	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.8	
(Σ)D3	Total MC Inflows	18.8	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.8	
E3	M/C #1 Penstock Flow	18.8	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.4	Y3	Crafton Reser. Level (21.3)	14.6	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	8	I4	7,773	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 28, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.0
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A)1	PH #3 Penstock (CALC)	1.0	(+M)1	SBCFCD Grove	0.0	(+A)2	Newport	0.0
(+B)1	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B)2	Gay Overflow	1.8
(+C)1	Greenspot Pipeline	0.0	(+O)1	Newport for BVMWC	0.0	(+C)2	Irrigation	4.2
(+F)1	Greenspot Spill	8.4	(+P)1	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	15.4	(+Q)1	Crafton WC Unger Lane	0.0	(+E)2	Boullioun Box to Zanja	0.0
(+D)1	BVMWC Rvr PU-USGS, Flume	5.5	(+R)1	BVMWC Highline to Boullioun	0.0	(+F)2	SBVWCD Mill Creek Spread	0.0
(+E)1	Main River Gage (USGS)	1.4	(+S)1	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	6.9	(+T)1	Tate Pump Station to Zanja	0.0	(+G)2	Northfork Canal Weir	7.8
(Σ)G1	SubTotal 1+2 SAR Inflows	22.3	(Σ)C1	Greenspot Pipeline	0.0	(+H)2	Edwards Canal	0.7
(-D)1a	If BV p/u gated, divert to SAR= "Y"		(+V)1	PH#3 Afterbay SpillLoss to SAR	0.0	(+J)2	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	22.3	W1	Redlands Aqueduct / Sandbox	4.5	(+K)2	Northfork Parshall Flume	2.6
H1	SBVWCD Diversion	1.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.1
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L)2	SBVWCD Parshall FlumeTo Basins	4.0
J1	^a Big Bear Lake Release	1.8	(+Z)2	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	22.3
L1	SCE SAR AVM (SCADA)	15.4						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J)3	Yucaipa Regional Park	0.0	(+P)3	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J)3	Wilson Creek Spreading	0.0	(+Q)3	East Weir to Mill Creek	0.0
(+A)3	RPU Flow	7.7	(Σ)K3	Yucaipa Pipeline	0.0	(+R)3	Boullioun to BVMWC Highline	0.0
(+B)3	M/C #3 Penstock	10.8	(+L)3	East Weir (MC)	0.0	(+S)3	East Weir to Zanja	1.5
(+C)3	SBVWCD Mill Creek Diversion	0.0	(+M)3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.5
(Σ)D3	Total MC Inflows	18.5	(+C)3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.5
E3	M/C #1 Penstock Flow	18.5	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.1
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	16.3
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	8	I4	7,765	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,425	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: June 27, 2012			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.0	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	0.9	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.1	
(+F1)	Greenspot Spill	8.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	14.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	6.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	7.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.7	
(Σ)G1	SubTotal 1+2 SAR Inflows	21.9	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	21.9	W1	Redlands Aqueduct / Sandbox	4.9	(+K2)	Northfork Parshall Flume	2.0	
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.7	
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	3.0	
J1	^a Big Bear Lake Release	1.6	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	21.9	
L1	SCE SAR AVM (SCADA)	15.3							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.7	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	1.5	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.5	
(Σ)D3	Total MC Inflows	18.5	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.5	
E3	M/C #1 Penstock Flow	18.5	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.0	Y3	Crafton Reser. Level (21.3)	17.7	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	6	I4	7,758	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: June 26, 2012			
						Time: 07150			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.0	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.7	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.3	
(+F1)	Greenspot Spill	8.3	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	15.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	7.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	8.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	23.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.8	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	23.3	W1	Redlands Aqueduct / Sandbox	6.6	(+K2)	Northfork Parshall Flume	2.0	
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.4	
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	3.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	23.3	
L1	SCE SAR AVM (SCADA)	16.3							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	8.3	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.5	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	2.8	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.8	
(Σ)D3	Total MC Inflows	19.8	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	19.8	
E3	M/C #1 Penstock Flow	19.8	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.6	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.2	Y3	Crafton Reser. Level (21.3)	17.6	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	6	I4	7,752	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 25, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	2142.60	(Σ)V	Total SWP Deliveries	11.0
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.7
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.3
(+F1)	Greenspot Spill	8.5	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	15.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	7.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.3	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	8.3	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.2
(Σ)G1	SubTotal 1+2 SAR Inflows	23.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	23.8	W1	Redlands Aqueduct / Sandbox	6.3	(+K2)	Northfork Parshall Flume	3.7
H1	SBVWCD Diversion	1.3	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.9
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	23.8
L1	SCE SAR AVM (SCADA)	16.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	8.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	10.4	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	1.4
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.4
(Σ)D3	Total MC Inflows	18.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.4
E3	M/C #1 Penstock Flow	18.4	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.6
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	21.2	Y3	Crafton Reser. Level (21.3)	16.9
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	30	I4	7,745	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,425	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 22, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	11.2	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.1	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.1	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.2	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	2144.30	(Σ)V	Total SWP Deliveries	11.2
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8
(+F1)	Greenspot Spill	7.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	14.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	11.8	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	2.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	13.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.1
(Σ)G1	SubTotal 1+2 SAR Inflows	28.5	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	28.5	W1	Redlands Aqueduct / Sandbox	10.0	(+K2)	Northfork Parshall Flume	4.0
H1	SBVWCD Diversion	2.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.2
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	6.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	28.5
L1	SCE SAR AVM (SCADA)	15.3						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	10.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	1.4
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.4
(Σ)D3	Total MC Inflows	18.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.4
E3	M/C #1 Penstock Flow	18.4	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.6
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	21.4	Y3	Crafton Reser. Level (21.3)	15.2
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	12	I4	7,716	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,425	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: June 21, 2012			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.0	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	2.2	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.7	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.3	
(+F1)	Greenspot Spill	7.3	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	15.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	11.2	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	12.4	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3	
(Σ)G1	SubTotal 1+2 SAR Inflows	27.9	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	27.9	W1	Redlands Aqueduct / Sandbox	10.3	(+K2)	Northfork Parshall Flume	3.8	
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.1	
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	27.9	
L1	SCE SAR AVM (SCADA)	15.7							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	7.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	1.4	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.4	
(Σ)D3	Total MC Inflows	18.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.4	
E3	M/C #1 Penstock Flow	18.4	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.2	Y3	Crafton Reser. Level (21.3)	13.9	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	10	I4	7,704	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: June 20, 2012			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.1	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.1	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.6	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.4	
(+F1)	Greenspot Spill	7.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	13.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	12.1	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	13.3	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3	
(Σ)G1	SubTotal 1+2 SAR Inflows	26.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	26.3	W1	Redlands Aqueduct / Sandbox	10.8	(+K2)	Northfork Parshall Flume	1.8	
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	9.0	
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	3.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	26.3	
L1	SCE SAR AVM (SCADA)	16.9							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.5
(+A3)	RPU Flow	7.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.6	(+L3)	East Weir (MC)	0.5	(+S3)	East Weir to Zanja	1.7	
(+C3)	SBVWCD Mill Creek Diversion	0.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.2	
(Σ)D3	Total MC Inflows	19.7	(+C3)	Mill Creek Diversion (MC)	0.5	U3	Total MC Deliveries	19.7	
E3	M/C #1 Penstock Flow	19.2	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	4.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	2.0							
H3			I3	Mentone Reser. Level (23.0)	19.4	Y3	Crafton Reser. Level (21.3)	13.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	6	I4	7,694	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	2	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 19, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	5.8
(+D)	Purchased Water	17.5	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.7
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	17.5	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	17.5
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.4
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.6
(+F1)	Greenspot Spill	9.9	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	15.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.1	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.3	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	27.2	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	27.2	W1	Redlands Aqueduct / Sandbox	11.7	(+K2)	Northfork Parshall Flume	1.8
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	9.0
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	3.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	27.2
L1	SCE SAR AVM (SCADA)	15.9						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.5
(+A3)	RPU Flow	8.3	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	11.2	(+L3)	East Weir (MC)	0.5	(+S3)	East Weir to Zanja	2.0
(+C3)	SBVWCD Mill Creek Diversion	0.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.5
(Σ)D3	Total MC Inflows	20.0	(+C3)	Mill Creek Diversion (MC)	0.5	U3	Total MC Deliveries	20.0
E3	M/C #1 Penstock Flow	19.5	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	4.6
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	19.1	Y3	Crafton Reser. Level (21.3)	14.0
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	10	I4	7,688	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	2	K4	4,423	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: June 18, 2012			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.7	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.7	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.7	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.7	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.1	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.9	
(+F1)	Greenspot Spill	8.6	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	14.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	6.7	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.4	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	8.1	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.7	
(Σ)G1	SubTotal 1+2 SAR Inflows	22.7	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	22.7	W1	Redlands Aqueduct / Sandbox	4.8	(+K2)	Northfork Parshall Flume	3.6	
H1	SBVWCD Diversion	1.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.2	
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	22.7	
L1	SCE SAR AVM (SCADA)	16.5							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.4
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.5
(+A3)	RPU Flow	7.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.1	(+L3)	East Weir (MC)	0.5	(+S3)	East Weir to Zanja	3.0	
(+C3)	SBVWCD Mill Creek Diversion	0.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.9	
(Σ)D3	Total MC Inflows	19.4	(+C3)	Mill Creek Diversion (MC)	0.5	U3	Total MC Deliveries	19.4	
E3	M/C #1 Penstock Flow	18.9	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	4.6	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.1	Y3	Crafton Reser. Level (21.3)	15.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	30	I4	7,678	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	6	K4	4,421	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: June 15, 2012			
						Time: 0730			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	12.9	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	7.9	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.9	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	2144.30	(Σ)V	Total SWP Deliveries	12.9	
Santa Ana River				SOD Reservoir Elevation	2151.33		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A)1	PH #3 Penstock (CALC)	8.4	(+M)1	SBCFCD Grove	0.0	(+) A2	Newport	0.0	
(+B)1	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B)2	Gay Overflow	3.0	
(+C)1	Greenspot Pipeline	0.0	(+O)1	Newport for BVMWC	0.0	(+C)2	Irrigation	3.0	
(+F)1	Greenspot Spill	0.0	(+P)1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	14.4	(+Q)1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0	
(+D)1	BVMWC Rvr PU-USGS, Flume	10.1	(+R)1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0	
(+E)1	Main River Gage (USGS)	1.2	(+S)1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	11.3	(+T)1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.4	
(Σ)G1	SubTotal 1+2 SAR Inflows	25.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0	
(-D)1a	If BV p/u gated, divert to SAR= "Y"		(+V)1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	25.7	W1	Redlands Aqueduct / Sandbox	9.2	(+)K2	Northfork Parshall Flume	3.8	
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	10.2	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.3	(+Z)2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	25.7	
L1	SCE SAR AVM (SCADA)	17.3							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J)3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	15.4
	Inflows	Flow Rate (cfs)	(+J)3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.5	
(+) A3	RPU Flow	8.1	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline	0.0	
(+) B3	M/C #3 Penstock	11.3	(+L)3	East Weir (MC)	0.5	(+)S3	East Weir to Zanja	3.5	
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+M)3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.4	
(Σ) D3	Total MC Inflows	19.9	(+C)3	Mill Creek Diversion (MC)	0.5	U3	Total MC Deliveries	19.9	
E3	M/C #1 Penstock Flow	18.9	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	5.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	14.4	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	10	I4	7,648	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	2	K4	4,415	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
					Date: June 14, 2012				
					Time: 0800				
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	12.9	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	7.9	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.9	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	12.9	
Santa Ana River				SOD Reservoir Elevation	2151.33		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	7.4	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8	
(+F1)	Greenspot Spill	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	13.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	10.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.8	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	10.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.4	
(Σ)G1	SubTotal 1+2 SAR Inflows	24.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	24.3	W1	Redlands Aqueduct / Sandbox	7.8	(+K2)	Northfork Parshall Flume	4.2	
H1	SBVWCD Diversion	0.8	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.6	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	24.3	
L1	SCE SAR AVM (SCADA)	17.5							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	16.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0
(+A3)	RPU Flow	8.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.4	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	2.6	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.6	
(Σ)D3	Total MC Inflows	19.6	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	19.6	
E3	M/C #1 Penstock Flow	19.6	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	5.6	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	14.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	6	I4	7,638	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	2	K4	4,413	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: June 13, 2012			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.1	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.1	
Santa Ana River				SOD Reservoir Elevation	2151.35		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	7.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.3	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.7	
(+F1)	Greenspot Spill	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	13.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	10.3	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	11.3	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	25.2	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.2	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	25.2	W1	Redlands Aqueduct / Sandbox	7.7	(+K2)	Northfork Parshall Flume	4.0	
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.4	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	25.2	
L1	SCE SAR AVM (SCADA)	18.6							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0
(+A3)	RPU Flow	7.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.8	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	2.3	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.3	
(Σ)D3	Total MC Inflows	20.3	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.3	
E3	M/C #1 Penstock Flow	20.3	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	6.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.2	Y3	Crafton Reser. Level (21.3)	13.6	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	10	I4	7,632	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	2	K4	4,411	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 12, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	6.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	6.0	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	2144.80	(Σ)V	Total SWP Deliveries	6.0
Santa Ana River								
				SOD Reservoir Elevation	2151.34	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	9.4	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.5
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.5
(+F1)	Greenspot Spill	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	15.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.3	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.5	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.2
(Σ)G1	SubTotal 1+2 SAR Inflows	27.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.2
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	27.3	W1	Redlands Aqueduct / Sandbox	8.8	(+K2)	Northfork Parshall Flume	4.5
H1	SBVWCD Diversion	1.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.9
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	6.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	27.3
L1	SCE SAR AVM (SCADA)	18.7						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0
(+A3)	RPU Flow	8.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	12.3	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	2.9
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.9
(Σ)D3	Total MC Inflows	20.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.9
E3	M/C #1 Penstock Flow	20.9	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	1.9
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	13.8
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	12	I4	7,622	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	2	K4	4,409	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: June 11, 2012			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	0.0	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	0.0	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	12.4	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	18.4	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	10.4	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	11.4	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	29.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	29.8	W1	Redlands Aqueduct / Sandbox	10.5	(+K2)	Northfork Parshall Flume	4.0	
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.2	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	29.8	
L1	SCE SAR AVM (SCADA)	20.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	16.2
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0	
(+A3)	RPU Flow	8.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.5	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	2.8	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.0	
(Σ)D3	Total MC Inflows	20.0	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.0	
E3	M/C #1 Penstock Flow	20.0	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	1.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	14.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	38	I4	7,610	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	6	K4	4,407	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 8, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	0.0	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	0.0
Santa Ana River								
				SOD Reservoir Elevation	2151.35	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	13.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.1
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.9
(+F1)	Greenspot Spill	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	19.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.5	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.5	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6
(Σ)G1	SubTotal 1+2 SAR Inflows	31.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	31.3	W1	Redlands Aqueduct / Sandbox	12.5	(+K2)	Northfork Parshall Flume	6.0
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.6
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	31.3
L1	SCE SAR AVM (SCADA)	21.7						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	14.3
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0
(+A3)	RPU Flow	8.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	12.2	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	5.5
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.8
(Σ)D3	Total MC Inflows	20.8	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.8
E3	M/C #1 Penstock Flow	20.8	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	5.0
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	18.4
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	14	I4	7,577	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	2	K4	4,401	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 7, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	11.6	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	11.6
(+D)	Purchased Water	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.6	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.6
Santa Ana River								
				SOD Reservoir Elevation	2151.36	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	15.3	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.4
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.6
(+F1)	Greenspot Spill	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	21.4	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.5	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.5
(Σ)G1	SubTotal 1+2 SAR Inflows	33.1	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	33.1	W1	Redlands Aqueduct / Sandbox	13.3	(+K2)	Northfork Parshall Flume	5.8
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.4
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	33.1
L1	SCE SAR AVM (SCADA)	22.4						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	3.4
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0
(+A3)	RPU Flow	12.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	8.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	12.4
(Σ)D3	Total MC Inflows	12.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	12.4
E3	M/C #1 Penstock Flow	12.4	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	6.3
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	20.8	Y3	Crafton Reser. Level (21.3)	19.2
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	14	I4	7,563	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	3	K4	4,399	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 6, 2012		
						Time: 0800		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	11.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	11.0
(+D)	Purchased Water	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	2145.10	(Σ)V	Total SWP Deliveries	11.0
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	16.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.6
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.4
(+F1)	Greenspot Spill	0.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	22.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.4	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	33.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	33.8	W1	Redlands Aqueduct / Sandbox	14.2	(+K2)	Northfork Parshall Flume	5.8
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.2
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	33.8
L1	SCE SAR AVM (SCADA)	23.4						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	3.2
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0
(+A3)	RPU Flow	13.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	2.0	(+S3)	East Weir to Zanja	8.3
(+C3)	SBVWCD Mill Creek Diversion	2.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	13.5
(Σ)D3	Total MC Inflows	15.5	(+C3)	Mill Creek Diversion (MC)	2.0	U3	Total MC Deliveries	15.5
E3	M/C #1 Penstock Flow	13.5	(Σ)O3	SBVWCD Spreading	4.0	V3	Zanja West Weir to CWC Canal	6.3
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	19.8	Y3	Crafton Reser. Level (21.3)	18.2
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	14	I4	7,549	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	8	K4	4,396	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: June 5, 2012			
						Time: 0830			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	11.6	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	11.6	
(+D)	Purchased Water	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.6	(+N)	¹ BVMWC Boullioun Box	0.0			0.0	
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.6	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	14.5	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.0	
(+F1)	Greenspot Spill	0.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	20.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	10.4	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	11.4	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	32.1	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	6.0	
(Σ)A5	Total SAR Inflows	32.1	W1	Redlands Aqueduct / Sandbox	12.2	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.7	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.0	
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	32.1	
L1	SCE SAR AVM (SCADA)	22.5							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	3.4
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	10.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	7.0	
(+C3)	SBVWCD Mill Creek Diversion	4.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	10.4	
(Σ)D3	Total MC Inflows	14.4	(+C3)	Mill Creek Diversion (MC)	4.0	U3	Total MC Deliveries	14.4	
E3	M/C #1 Penstock Flow	10.4	(Σ)O3	SBVWCD Spreading	4.0	V3	Zanja West Weir to CWC Canal	4.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.1	Y3	Crafton Reser. Level (21.3)	17.7	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	14	I4	7,535	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	8	K4	4,388	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 4, 2012		
						Time: 0730		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	11.1	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	11.1
(+D)	Purchased Water	6.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	17.1	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	17.1
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	13.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.8
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.2
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	19.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.7	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.1
(Σ)G1	SubTotal 1+2 SAR Inflows	31.5	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.8
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	6.0
(Σ)A5	Total SAR Inflows	31.5	W1	Redlands Aqueduct / Sandbox	12.4	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.9
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	31.5
L1	SCE SAR AVM (SCADA)	21.5						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	3.4
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	10.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	7.0
(+C3)	SBVWCD Mill Creek Diversion	4.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	10.4
(Σ)D3	Total MC Inflows	14.4	(+C3)	Mill Creek Diversion (MC)	4.0	U3	Total MC Deliveries	14.4
E3	M/C #1 Penstock Flow	10.4	(Σ)O3	SBVWCD Spreading	4.0	V3	Zanja West Weir to CWC Canal	6.1
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	17.3
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	42	I4	7,521	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	24	K4	4,381	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: June 1, 2012		
						Time: 1000		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	11.3	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	11.3
(+D)	Purchased Water	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.3	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.3
Santa Ana River								
				SOD Reservoir Elevation	2151.35	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	17.5	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8
(+F1)	Greenspot Spill	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	23.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	10.7	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	35.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	2.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	35.3	W1	Redlands Aqueduct / Sandbox	19.9	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	7.3
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	1.0
J1	^a Big Bear Lake Release	1.3	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	35.3
L1	SCE SAR AVM (SCADA)	22.5						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	2.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0
(+A3)	RPU Flow	10.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	2.0	(+S3)	East Weir to Zanja	6.9
(+C3)	SBVWCD Mill Creek Diversion	3.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	10.9
(Σ)D3	Total MC Inflows	13.9	(+C3)	Mill Creek Diversion (MC)	3.0	U3	Total MC Deliveries	13.9
E3	M/C #1 Penstock Flow	10.9	(Σ)O3	SBVWCD Spreading	5.0	V3	Zanja West Weir to CWC Canal	5.9
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	18.9	Y3	Crafton Reser. Level (21.3)	16.7
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	6	I4	7,479	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	13	K4	4,358	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3