

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 31, 2012
							Time: 0630
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	12.1	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	16.3	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.1	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	8.2	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	28.4	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	9.2	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.5	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	9.7	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	9.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	9.7	W1	Redlands Aqueduct / Sandbox	0.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	0.0					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	15.0					
H3			I3	Mentone Reser. Level (23.0)	21.3	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	7	I4	8,430	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	4,666	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
	Mill Creek Passing Garnet	MC	15	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	15	Flowing Beyond Alabama	10		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 30, 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 7.1
(+)D	Purchased Water	24.1	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove 0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.0	(+)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	24.1	(+)N	¹ BVMWC Boullioun Box	0.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries 24.1
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	(+)N1	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	4.3	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir 6.0
A4	SAR Inflow-SubTotal-1	11.3	(+)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)	0.4	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline 6.0
Z1	SOD ReleaseSubTotal D1+E1	7.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir 6.7
(Σ)G1	SubTotal 1+2 SAR Inflows	18.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal 0.7
(-)D1a	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	18.4	W1	Redlands Aqueduct / Sandbox	0.7	(+)K2	Northfork Parshall Flume 4.6
H1	SBVWCD Diversion	0.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline 12.0
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins 5.0
J1	^a Big Bear Lake Release	1.8	(+)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 18.4
L1	SCE SAR AVM (SCADA)	11.3					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow 6.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek 0.0
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline 0.0
(+) B3	M/C #3 Penstock	8.9	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja 2.9
(+) C3	SBVWCD Mill Creek Diversion	7.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat) 8.9
(Σ) D3	Total MC Inflows	15.9	(+)C3	Mill Creek Diversion (MC)	7.0	U3	Total MC Deliveries 15.9
E3	M/C #1 Penstock Flow	8.9	(Σ)O3	SBVWCD Spreading	7.0	V3	Zanja West Weir to CWC Canal 4.9
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)	21.2	Y3	Crafton Reser. Level (21.3) 14.3
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF) Target
A4	Santa Ana River	SAR	E4	10		I4	8,423 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	16		K4	4,663 18,000
D4	Mill Creek	SWP	H4	0		L4	0 714
	SBVMWD	SWP		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: August 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 7.9
(+)D	Purchased Water	29.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove 0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.0	(+)T	¹ Newport for BVMWC 0.0
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	9.1	(+)U	¹ M/C spreading @ ZT 0.0
(Σ)G	Total SWP Inflows	29.0	(+)N	¹ BVMWC Boullioun Box	0.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries 29.0
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	(+)N1	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	1.4	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir 6.0
A4	SAR Inflow-SubTotal-1	8.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja 0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	9.6	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread 0.0
(+)E1	Main River Gage (USGS)	0.7	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline 6.0
Z1	SOD ReleaseSubTotal D1+E1	10.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir 6.7
(Σ)G1	SubTotal 1+2 SAR Inflows	18.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal 1.0
(-)D1a	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	18.7	W1	Redlands Aqueduct / Sandbox	0.7	(+)K2	Northfork Parshall Flume 4.3
H1	SBVWCD Diversion	0.7	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline 12.0
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins 5.0
J1	^a Big Bear Lake Release	1.8	(+)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 18.7
L1	SCE SAR AVM (SCADA)	8.4					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow 0.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek 0.0
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline 0.0
(+) B3	M/C #3 Penstock	10.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja 0.0
(+) C3	SBVWCD Mill Creek Diversion	1.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat) 0.0
(Σ) D3	Total MC Inflows	11.0	(+)C3	Mill Creek Diversion (MC)	11.0	U3	Total MC Deliveries 11.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	11.0	V3	Zanja West Weir to CWC Canal 6.4
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill 4.5
G3	Observation at Garnet Bridge	3.0					
H3			I3	Mentone Reser. Level (23.0)	21.1	Y3	Crafton Reser. Level (21.3) 13.8
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	10		I4	8,413 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	4,648 18,000
D4	Mill Creek	SWP	H4	0		L4	0 714
	SBVMWD	SWP		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: August 28, 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	8.2
(+)D	Purchased Water	20.3	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.1	(+)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	20.3	(+)N	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	20.3
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	(+)N1	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	1.5	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	8.5	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	8.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.6	(+)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	7.9
(Σ)G1	SubTotal 1+2 SAR Inflows	17.9	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.0
(-)D1a	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	17.9	W1	Redlands Aqueduct / Sandbox	0.7	(+)K2	Northfork Parshall Flume	2.4
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	11.3
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins	3.0
J1	^a Big Bear Lake Release	1.8	(+)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	17.9
L1	SCE SAR AVM (SCADA)	8.5						
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
Mill Creek			(+)J3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	5.2	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
(+) C3	SBVWCD Mill Creek Diversion	1.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ) D3	Total MC Inflows	7.0	(+)C3	Mill Creek Diversion (MC)	7.0	U3	Total MC Deliveries	7.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	7.0	V3	Zanja West Weir to CWC Canal	0.0
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	6.2
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	19.8	Y3	Crafton Reser. Level (21.3)	15.3
SBVWCD Recharge								
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	6		I4	8,403	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	14		K4	4,646	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: August 27, 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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	20.2	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	20.2	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2149.50	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	2.4	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	9.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	8.4	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.7	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	9.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	18.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.5	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	18.5	W1	Redlands Aqueduct / Sandbox	0.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.7	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	9.4					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	8.0	(+)L3	East Weir (MC)	1.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	5.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	13.0	(+)C3	Mill Creek Diversion (MC)	5.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	8.0	(Σ)O3	SBVWCD Spreading	6.0	V3	Zanja West Weir to CWC Canal
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)	20.6	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	26	I4	8,397	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	31	K4	4,632	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
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 24, 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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	28.3	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	11.9	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	8.2	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	28.3	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	2.9	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	9.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	9.6	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.4	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	10.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	19.9	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.5	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	19.9	W1	Redlands Aqueduct / Sandbox	0.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	9.9					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	16.0					
H3			I3	Mentone Reser. Level (23.0)	21.2	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	14	I4	8,372	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	4,601	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
	Mill Creek Passing Garnet	MC	16	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	16	Flowing Beyond Alabama	9		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 23, 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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	28.2	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.1	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	7.9	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	28.2	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2150.00	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2151.34		28.2
							Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	1.3	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	4.7	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	12.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	7.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.2	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	7.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	19.2	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	19.2	W1	Redlands Aqueduct / Sandbox	0.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	10.5					19.2
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	13.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	13.0	(+)C3	Mill Creek Diversion (MC)	13.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	13.0	V3	Zanja West Weir to CWC Canal
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)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	14		I4	8,358
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	4,595
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	10		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 22, 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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	28.3	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.1	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	8.1	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	28.3	(+)N	¹ BVMWC Boullioun Box	0.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	3.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	10.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	6.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.9	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	7.7	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	17.9	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	17.9	W1	Redlands Aqueduct / Sandbox	0.0	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.9	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	10.2					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	19.0					
H3			I3	Mentone Reser. Level (23.0)	20.1	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	10	I4	8,344	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	4,595	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
	Mill Creek Passing Garnet	MC	19	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	19	Flowing Beyond Alabama	11		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 21, 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	5.0	(+)R	¹ Tate Treatment Plant 8.0
(+)D	Purchased Water	33.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove 0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.1	(+)T	¹ Newport for BVMWC 0.0
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	7.9	(+)U	¹ M/C spreading @ ZT 0.0
(Σ)G	Total SWP Inflows	33.0	(+)N	¹ BVMWC Boullioun Box	0.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries 33.0
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	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow 3.5
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation 2.5
(+)F1	Greenspot Spill	3.7	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir 6.0
A4	SAR Inflow-SubTotal-1	10.7	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja 0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	10.9	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread 0.0
(+)E1	Main River Gage (USGS)	0.4	(+)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 6.1
(Σ)G1	SubTotal 1+2 SAR Inflows	22.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal 0.9
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.0	(+) J2	Tailrace Valve 4.0
(Σ)A5	Total SAR Inflows	22.0	W1	Redlands Aqueduct / Sandbox	0.0	(+)K2	Northfork Parshall Flume 3.6
H1	SBVWCD Diversion	0.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline 14.6
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins 8.0
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 22.0
L1	SCE SAR AVM (SCADA)	10.7					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow 0.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek 0.0
(+) A3	RPU Flow	0.0	(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 0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat) 0.0
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries 0.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	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	19.0					
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3) 16.1
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	14		I4	8,333 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	4,595 18,000
D4	Mill Creek	SWP	H4	0		L4	0 714
	SBVMWD	SWP		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	19	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹ 19
Flow in the River Above Alabama		Total	19	Flowing Beyond Alabama	11		Total River Recharge 19

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 20, 2012
							Time: 0700
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	5.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	33.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	8.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	33.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	3.8	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	10.8	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	7.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	7.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	18.6	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	18.6	W1	Redlands Aqueduct / Sandbox	0.0	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	10.8					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	19.0					
H3			I3	Mentone Reser. Level (23.0)	21.4	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	60	I4	8,319	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	4,595	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
	Mill Creek Passing Garnet	MC	19	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	19	Flowing Beyond Alabama	11		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project								
			Daily Flow Report			Date: August 17, 2012		
						Time: 0715		
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	4.9	(+)R	¹ Tate Treatment Plant	7.5
(+)D	Purchased Water	33.9	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.1	(+)T	¹ Newport for BVMWC	0.8
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	5.6	(+)U	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	33.9	(+)N	¹ BVMWC Boullioun Box	3.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	33.9
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	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation	0.0
(+)F1	Greenspot Spill	11.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir	0.0
A4	SAR Inflow-SubTotal-1	12.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	5.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.4	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline	0.0
Z1	SOD ReleaseSubTotal D1+E1	6.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	4.4
(Σ)G1	SubTotal 1+2 SAR Inflows	18.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	18.4	W1	Redlands Aqueduct / Sandbox	0.4	(+)K2	Northfork Parshall Flume	9.6
H1	SBVWCD Diversion	0.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	14.0
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins	10.0
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	18.4
L1	SCE SAR AVM (SCADA)	12.2						
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
Mill Creek			(+)J3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	0.0	(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	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	0.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	3.4
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	19.0						
H3			I3	Mentone Reser. Level (23.0)	19.9	Y3	Crafton Reser. Level (21.3)	13.7
SBVWCD Recharge								
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	28		I4	8,259	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	4,595	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	19	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	19
	Flow in the River Above Alabama	Total	19	Flowing Beyond Alabama	11		Total River Recharge	19

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 16, 2012
							Time: 0715
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	5.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	34.5	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	6.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	34.5	(+)N	¹ BVMWC Boullioun Box	3.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	10.3	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	11.3	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	8.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.4	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	9.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	20.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	20.5	W1	Redlands Aqueduct / Sandbox	0.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	11.3					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	17.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	17.0	(+)C3	Mill Creek Diversion (MC)	17.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	17.0	V3	Zanja West Weir to CWC Canal
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)	19.5	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	36	I4	8,236	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	34	K4	4,586	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
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 15, 2012
							Time: 0715
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	5.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	34.7	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	12.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	6.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	34.7	(+)N	¹ BVMWC Boullioun Box	3.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	10.3	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	10.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	10.3	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	10.3	W1	Redlands Aqueduct / Sandbox	0.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	0.0					10.3
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	17.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	17.0	(+)C3	Mill Creek Diversion (MC)	17.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	17.0	V3	Zanja West Weir to CWC Canal
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)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	1	I4	8,200	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	25	K4	4,552	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
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 14, 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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	24.8	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	10.1	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	6.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	24.8	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	10.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	10.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	10.8	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	10.8	W1	Redlands Aqueduct / Sandbox	0.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	0.0					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	20.0					
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	13	I4	8,199	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	4,528	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
	Mill Creek Passing Garnet	MC	20	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	20	Flowing Beyond Alabama	12		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 13, 2012
							Time: 0715
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	23.9	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	10.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	5.9	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	23.9	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	7.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	7.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	7.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	7.0	W1	Redlands Aqueduct / Sandbox	0.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	0.0					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	20.0					
H3			I3	Mentone Reser. Level (23.0)	21.6	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	6	I4	8,186	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	4,525	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
	Mill Creek Passing Garnet	MC	20	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	20	Flowing Beyond Alabama	12		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 10, 2012
							Time: 0715
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	19.7	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	8.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	3.5	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	19.7	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2143.90	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	8.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	15.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	7.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	1.4	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	8.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	24.1	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	24.1	W1	Redlands Aqueduct / Sandbox	5.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	1.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	15.2					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	9.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	9.0	(+)C3	Mill Creek Diversion (MC)	9.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	9.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	1.0					
H3			I3	Mentone Reser. Level (23.0)	20.2	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	6	I4	8,180	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	4,501	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
	Mill Creek Passing Garnet	MC	1	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	1	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 9, 2012
							Time: 0715
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	11.8	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove 0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	8.1	(+)T	¹ Newport for BVMWC 1.1
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	2.6	(+)U	¹ M/C spreading @ ZT 0.0
(Σ)G	Total SWP Inflows	11.8	(+)N	¹ BVMWC Boullioun Box	0.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries 11.8
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)	0.6	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport 0.0
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow 1.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation 5.0
(+)F1	Greenspot Spill	3.8	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir 6.0
A4	SAR Inflow-SubTotal-1	10.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja 0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	8.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread 0.0
(+)E1	Main River Gage (USGS)	0.5	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline 6.0
Z1	SOD ReleaseSubTotal D1+E1	9.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir 5.8
(Σ)G1	SubTotal 1+2 SAR Inflows	19.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal 0.0
(-)D1a	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	19.7	W1	Redlands Aqueduct / Sandbox	3.9	(+)K2	Northfork Parshall Flume 4.5
H1	SBVWCD Diversion	0.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline 10.3
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins 5.0
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 19.7
L1	SCE SAR AVM (SCADA)	9.5					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow 8.9
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek 0.0
(+) A3	RPU Flow	6.3	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline 0.0
(+) B3	M/C #3 Penstock	8.7	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja 6.1
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat) 15.0
(Σ) D3	Total MC Inflows	15.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries 15.0
E3	M/C #1 Penstock Flow	15.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal 7.5
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill 0.0
G3	Observation at Garnet Bridge	1.0					
H3			I3	Mentone Reser. Level (23.0)	20.0	Y3	Crafton Reser. Level (21.3) 19.0
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	10	I4	8,174	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	1	K4	4,501	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	1	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹ 1
Flow in the River Above Alabama		Total	1	Flowing Beyond Alabama	0		Total River Recharge 1

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 8, 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	11.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove 0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	8.0	(+)T	¹ Newport for BVMWC 1.1
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	1.9	(+)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	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	(+)N1	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	3.9	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir 6.0
A4	SAR Inflow-SubTotal-1	10.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja 0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	8.9	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread 0.0
(+)E1	Main River Gage (USGS)	0.6	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline 6.0
Z1	SOD ReleaseSubTotal D1+E1	9.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir 6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	20.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal 0.0
(-)D1a	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	20.4	W1	Redlands Aqueduct / Sandbox	4.1	(+)K2	Northfork Parshall Flume 4.4
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline 10.7
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins 5.0
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 20.4
L1	SCE SAR AVM (SCADA)	10.9					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow 9.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek 0.9
(+) A3	RPU Flow	4.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline 0.0
(+) B3	M/C #3 Penstock	9.8	(+)L3	East Weir (MC)	0.9	(+)S3	East Weir to Zanja 3.9
(+) C3	SBVWCD Mill Creek Diversion	4.1	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat) 13.8
(Σ) D3	Total MC Inflows	17.9	(+)C3	Mill Creek Diversion (MC)	4.1	U3	Total MC Deliveries 17.9
E3	M/C #1 Penstock Flow	13.8	(Σ)O3	SBVWCD Spreading	5.0	V3	Zanja West Weir to CWC Canal 2.4
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill 0.0
G3	Observation at Garnet Bridge	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.1	Y3	Crafton Reser. Level (21.3) 21.3
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF) Target
A4	Santa Ana River	SAR	E4	10		I4	8,164 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	4,500 18,000
D4	Mill Creek	SWP	H4	0		L4	0 714
	SBVMWD	SWP		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	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹ 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: August 7, 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	15.9	(+)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	² Crafton Unger Lane	8.0	(+)U	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	15.9	(+)N	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	15.9
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	(+)N1	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	2.7	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	9.7	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	9.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.6	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	10.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.8
(Σ)G1	SubTotal 1+2 SAR Inflows	19.8	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	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	19.8	W1	Redlands Aqueduct / Sandbox	4.0	(+)K2	Northfork Parshall Flume	3.4
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	10.2
I1	Redlands Tunnel	1.0	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	19.8
L1	SCE SAR AVM (SCADA)	9.7						
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
Mill Creek			(+)J3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	9.3
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	6.4	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	8.8	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	5.9
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.2
(Σ) D3	Total MC Inflows	15.2	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	15.2
E3	M/C #1 Penstock Flow	15.2	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	10.1
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	2.0						
H3			I3	Mentone Reser. Level (23.0)	20.6	Y3	Crafton Reser. Level (21.3)	18.1
SBVWCD Recharge								
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	8		I4	8,154	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	4,500	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	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	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: August 6, 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	14.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	8.0	(+)T	¹ Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	6.0	(+)U	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	14.0	(+)N	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	14.0
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	(+)N1	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	3.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	10.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	9.3	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.6	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	9.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	20.1	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.8
(-)D1a	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	20.1	W1	Redlands Aqueduct / Sandbox	4.0	(+)K2	Northfork Parshall Flume	3.4
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	10.5
I1	Redlands Tunnel	1.0	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	20.1
L1	SCE SAR AVM (SCADA)	10.2						
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
Mill Creek			(+)J3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	15.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	6.8	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	9.6	(+)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)	16.4
(Σ) D3	Total MC Inflows	16.4	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	16.4
E3	M/C #1 Penstock Flow	16.4	(Σ)O3	SBVWCD Spreading	0.0	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	2.0						
H3			I3	Mentone Reser. Level (23.0)	20.6	Y3	Crafton Reser. Level (21.3)	16.1
SBVWCD Recharge								
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	24		I4	8,146	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	4,500	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	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	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: August 3, 2012	
							Time: 0700	
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	14.1	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	8.0	(+)T	¹ Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	² Crafton Unger Lane	6.1	(+)U	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	14.1	(+)N	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	14.1
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	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow	1.3
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation	4.7
(+)F1	Greenspot Spill	4.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	11.2	(+)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)	0.8	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	22.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.0
(-)D1a	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	22.4	W1	Redlands Aqueduct / Sandbox	3.9	(+)K2	Northfork Parshall Flume	5.2
H1	SBVWCD Diversion	0.8	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	12.5
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins	6.0
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	22.4
L1	SCE SAR AVM (SCADA)	11.2						
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
Mill Creek			(+)J3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	15.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	7.2	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	9.9	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.1
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.1
(Σ) D3	Total MC Inflows	17.1	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.1
E3	M/C #1 Penstock Flow	17.1	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.4
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	2.0						
H3			I3	Mentone Reser. Level (23.0)	19.0	Y3	Crafton Reser. Level (21.3)	13.2
SBVWCD Recharge								
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	12		I4	8,123	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	4,500	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	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	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: August 2, 2012
							Time: 0700
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	7.9	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	7.9	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	7.9	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	NA		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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	4.8	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	11.8	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	10.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.8	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	10.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	22.6	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	22.6	W1	Redlands Aqueduct / Sandbox	3.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.8	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	12.0					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	7.1	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	10.1	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	17.2	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	17.2	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
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)	19.2	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	12	I4	8,111	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	4,500	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
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: August 1, 2012
							Time: 0830
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
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	7.9	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	7.9	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	7.9	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2146.70	(Σ)V	Total SWP Deliveries
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
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	5.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	11.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	10.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.8	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	11.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	23.2	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	23.2	W1	Redlands Aqueduct / Sandbox	5.8	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.8	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	12.5					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	7.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	10.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	17.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	17.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
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)	20.0	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	12		I4	8,099
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	4,500
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge