

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 31, 2011			
						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 Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
Santa Ana River				SOD Reservoir Elevation	2152.35	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	60.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.7	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.3	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	66.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.2	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	34.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	34.5	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	5.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	101.3	(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	8.0	(+J2)	Tailrace Valve	28.7	
(Σ)A5	Total SAR Inflows	101.3	W1	Redlands Aqueduct / Sandbox	20.3	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	34.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	34.3	
I1	Redlands Tunnel	1.6	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	63.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	101.3	
L1	SCE SAR AVM (SCADA)	66.8							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	6.0	
(+A3)	RPU Flow	7.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	22.0	(+L3)	East Weir (MC)	6.0	(+S3)	East Weir to Zanja	6.0	
(+C3)	SBVWCD Mill Creek Diversion	32.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	29.8	
(Σ)D3	Total MC Inflows	61.8	(+C3)	Mill Creek Diversion (MC)	32.0	U3	Total MC Deliveries	61.8	
E3	M/C #1 Penstock Flow	29.8	(Σ)O3	SBVWCD Spreading	38.0	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	2.2	
G3	Observation at Garnet Bridge	2.0							
H3			I3	Mentone Reser. Level (23.0)	19.3	Y3	Crafton Reser. Level (21.3)	20.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	541	I4	30,421	10400/53000		
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	302	K4	12,064	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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: May 27, 2011			
						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	0.7	(+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	0.7	
(+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	0.7	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.7	
Santa Ana River				SOD Reservoir Elevation	N/A	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	56.5	(+M1)	SBCFCD Grove	0.0	(+ A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	62.5	(+Q1)	Crafton WC Unger Lane	0.0	(+ E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.3	(+R1)	BVMWC Highline to Boulliou	0.0	(+ F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	51.8	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	52.1	(+T1)	Tate Pump Station to Zanja	0.0	(+ G2)	Northfork Canal Weir	8.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	114.6	(Σ) C1	Greenspot Pipeline	0.0	(+ H2)	Edwards Canal	1.1	
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.8	(+ J2)	Tailrace Valve	26.2	
(Σ)A5	Total SAR Inflows	114.6	W1	Redlands Aqueduct / Sandbox	21.8	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	51.8	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	35.9	
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+ L2)	SBVWCD Parshall FlumeTo Basins	78.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹Total SAR Deliveries	114.6	
L1	SCE SAR AVM (SCADA)	62.5							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0	
(+ A3)	RPU Flow	22.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+ B3)	M/C #3 Penstock	10.6	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	14.3	
(+ C3)	SBVWCD Mill Creek Diversion	31.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	33.1	
(Σ) D3	Total MC Inflows	64.1	(+C3)	Mill Creek Diversion (MC)	31.0	U3	Total MC Deliveries	64.1	
E3	M/C #1 Penstock Flow	33.1	(Σ)O3	SBVWCD Spreading	32.0	V3	Zanja West Weir to CWC Canal	12.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	11.3	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	20.7	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	146	I4	29,880	10,000		
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	64	K4	11,762	8,889		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: May 26, 2011			
						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	3.0	(+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	3.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	3.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	3.0	
Santa Ana River				SOD Reservoir Elevation	N/A	Debris Pool Elevation		2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	37.2	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	43.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.3	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	143.7	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	144.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	2.7	
(Σ)G1	SubTotal 1+2 SAR Inflows	187.2	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1	
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	18.8	
(Σ)A5	Total SAR Inflows	187.2	W1	Redlands Aqueduct / Sandbox	16.6	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	83.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	22.6	
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	102.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	60.5	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	187.2	
L1	SCE SAR AVM (SCADA)	43.2							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.3	
(+A3)	RPU Flow	6.1	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	18.9	(+L3)	East Weir (MC)	0.3	(+S3)	East Weir to Zanja	6.9	
(+C3)	SBVWCD Mill Creek Diversion	37.7	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	25.0	
(Σ)D3	Total MC Inflows	62.7	(+C3)	Mill Creek Diversion (MC)	37.7	U3	Total MC Deliveries	62.7	
E3	M/C #1 Penstock Flow	25.0	(Σ)O3	SBVWCD Spreading	38.0	V3	Zanja West Weir to CWC Canal	9.2	
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)	19.9	Y3	Crafton Reser. Level (21.3)	18.9	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	202	I4	29,734	10400/53000		
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	75	K4	11,698	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	61	Share of Lost Flow	8	SARP	Estimate SAR Recharge¹⁸	53	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	64	Flowing Beyond Alabama	8		Total River Recharge	56	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: May 25, 2011			
						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	3.0	(+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	3.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	3.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	3.0	
Santa Ana River				SOD Reservoir Elevation	N/A	Debris Pool Elevation		2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	37.2	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	43.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.3	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	143.7	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	144.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	2.5	
(Σ)G1	SubTotal 1+2 SAR Inflows	187.2	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1	
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	16.5	
(Σ)A5	Total SAR Inflows	187.2	W1	Redlands Aqueduct / Sandbox	19.1	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	85.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	20.1	
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	102.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	58.2	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	187.2	
L1	SCE SAR AVM (SCADA)	43.2							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.4	
(+A3)	RPU Flow	4.1	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	19.5	(+L3)	East Weir (MC)	0.4	(+S3)	East Weir to Zanja	5.4	
(+C3)	SBVWCD Mill Creek Diversion	37.6	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.6	
(Σ)D3	Total MC Inflows	61.2	(+C3)	Mill Creek Diversion (MC)	37.6	U3	Total MC Deliveries	61.2	
E3	M/C #1 Penstock Flow	23.6	(Σ)O3	SBVWCD Spreading	38.0	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	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	16.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	202	I4	29,531	10400/53000		
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	75	K4	11,623	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	58	Share of Lost Flow	8	SARP	Estimate SAR Recharge¹⁸	51	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	61	Flowing Beyond Alabama	8		Total River Recharge	53	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 24, 2011			
						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	4.1	(+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	4.1	(+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	4.1	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	4.1	
Santa Ana River				SOD Reservoir Elevation	2167.50	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	42.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	5.5	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.7	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	5.5	
A4	SAR Inflow-SubTotal-1	47.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.3	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	143.7	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	5.5	
Z1	SOD ReleaseSubTotal D1+E1	144.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	2.7	
(Σ)G1	SubTotal 1+2 SAR Inflows	191.6	(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	22.0	
(Σ)A5	Total SAR Inflows	191.6	W1	Redlands Aqueduct / Sandbox	19.4	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	79.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	24.7	
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	101.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	64.7	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	191.6	
L1	SCE SAR AVM (SCADA)	42.1							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.5	
(+A3)	RPU Flow	4.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	19.3	(+L3)	East Weir (MC)	0.5	(+S3)	East Weir to Zanja	5.6	
(+C3)	SBVWCD Mill Creek Diversion	37.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.9	
(Σ)D3	Total MC Inflows	61.4	(+C3)	Mill Creek Diversion (MC)	37.5	U3	Total MC Deliveries	61.4	
E3	M/C #1 Penstock Flow	23.9	(Σ)O3	SBVWCD Spreading	38.0	V3	Zanja West Weir to CWC Canal	3.9	
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)	21.3	Y3	Crafton Reser. Level (21.3)	16.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	200	I4	29,329	10400/53000		
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	75	K4	11,547	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	65	Share of Lost Flow	8	SARP	Estimate SAR Recharge¹⁸	57	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	68	Flowing Beyond Alabama	8		Total River Recharge	60	

Santa Ana River-Mill Creek Cooperative Water Project							
				Daily Flow Report		Date: May 23, 2011	
						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	4.1	(+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	4.1	(+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	4.1	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries 4.1
Santa Ana River							
				SOD Reservoir Elevation	N/A	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	26.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport 0.0
(+B1)	BVMWC Highline	3.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow 1.2
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation 1.8
(+F1)	Greenspot Spill	0.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir 3.0
A4	SAR Inflow-SubTotal-1	29.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja 0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.4	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread 0.0
(+E1)	Main River Gage (USGS)	149.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline 3.0
Z1	SOD ReleaseSubTotal D1+E1	149.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir 2.6
(Σ)G1	SubTotal 1+2 SAR Inflows	179.1	(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 20.1
(Σ)A5	Total SAR Inflows	179.1	W1	Redlands Aqueduct / Sandbox	1.7	(+K2)	Northfork Parshall Flume 0.0
H1	SBVWCD Diversion	83.9	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline 22.7
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins 104.0
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	65.5	(Σ)C1	Greenspot Pipeline 0.0
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries 179.1
L1	SCE SAR AVM (SCADA)	29.1					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek							
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+P3)	Tate Inflow 17.8
(+A3)	RPU Flow	4.2	(Σ)K3	Yucaipa Pipeline 0.0		(+Q3)	East Weir to Mill Creek 1.0
(+B3)	M/C #3 Penstock	20.5	(+L3)	East Weir (MC)	1.0	(+R3)	Boulliou to BVMWC Highline 0.0
(+C3)	SBVWCD Mill Creek Diversion	34.0	(+M3)	BVHL (SAR)	0.0	(+S3)	East Weir to Zanja 5.9
(Σ)D3	Total MC Inflows	58.7	(+C3)	Mill Creek Diversion (MC)	34.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat) 24.7
E3	M/C #1 Penstock Flow	24.7	(Σ)O3	SBVWCD Spreading 35.0		U3	Total MC Deliveries 58.7
F3	Stream Parshall Flume to Yucaipa	0.0				V3	Zanja West Weir to CWC Canal 4.4
G3	Observation at Garnet Bridge	3.0				W3	Mill Creek PH #2,3 Afterbay Spill 0.0
H3			I3	Mentone Reser. Level (23.0)	19.7	Y3	Crafton Reser. Level (21.3) 16.2
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	619	I4	29,129	10400/53000
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	208	K4	11,472	15,000
D4	Mill Creek	SWP	H4	0	L4	1,434	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	66	Share of Lost Flow	8	SARP	Estimate SAR Recharge¹⁸ 58
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹ 3
	Flow in the River Above Alabama	Total	69	Flowing Beyond Alabama	8		Total River Recharge 61

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: May 20, 2011		
						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	4.9	(+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	4.9	(+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	4.9	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	4.9
Santa Ana River								
				SOD Reservoir Elevation	2176.35	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	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	0.0	(+P1)	SBVMWC Mill Creek Spreading	0.0	(Σ)D2	Boulliou Box Weir	0.0
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	3.6	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVMWC Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	146.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	0.0
Z1	SOD ReleaseSubTotal D1+E1	150.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	2.5
(Σ)G1	SubTotal 1+2 SAR Inflows	150.0	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1
(-)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	150.0	W1	Redlands Aqueduct / Sandbox	2.5	(+K2)	Northfork Parshall Flume	0.0
H1	SBVMWC Diversion	101.0	X1	SBVMWC Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	3.6
I1	Redlands Tunnel	2.5	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVMWC Parshall FlumeTo Basins	101.0
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	45.4	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	150.0
L1	SCE SAR AVM (SCADA)	0.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.5
(+A3)	RPU Flow	4.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	2.0
(+B3)	M/C #3 Penstock	19.0	(+L3)	East Weir (MC)	0.5	(+S3)	East Weir to Zanja	5.6
(+C3)	SBVMWC Mill Creek Diversion	44.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.9
(Σ)D3	Total MC Inflows	68.4	(+C3)	Mill Creek Diversion (MC)	44.5	U3	Total MC Deliveries	68.4
E3	M/C #1 Penstock Flow	23.9	(Σ)O3	SBVMWC Spreading	45.0	V3	Zanja West Weir to CWC Canal	3.3
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)	20.9	Y3	Crafton Reser. Level (21.3)	17.5
SBVMWC Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	200	I4	28,510	10400/53000	
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	89	K4	11,264	15,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	45	Share of Lost Flow	8	SARP	Estimate SAR Recharge ¹⁸	38
	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	48	Flowing Beyond Alabama	8		Total River Recharge	40

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 19, 2011			
						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	4.8	(+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	4.8	(+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	4.8	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	4.8	
Santa Ana River				SOD Reservoir Elevation	N/A	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	1.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	4.5	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	145.5	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	1.0	
Z1	SOD ReleaseSubTotal D1+E1	150.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	1.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	150.0	(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	2.6	
(Σ)A5	Total SAR Inflows	150.0	W1	Redlands Aqueduct / Sandbox	2.5	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	98.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	4.5	
I1	Redlands Tunnel	2.5	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	101.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	47.1	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	150.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0	
(+A3)	RPU Flow	5.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	1.0	
(+B3)	M/C #3 Penstock	19.4	(+L3)	East Weir (MC)	2.0	(+S3)	East Weir to Zanja	5.4	
(+C3)	SBVWCD Mill Creek Diversion	47.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	25.2	
(Σ)D3	Total MC Inflows	72.2	(+C3)	Mill Creek Diversion (MC)	47.0	U3	Total MC Deliveries	72.2	
E3	M/C #1 Penstock Flow	25.2	(Σ)O3	SBVWCD Spreading	49.0	V3	Zanja West Weir to CWC Canal	4.2	
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)	20.7	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	200	I4	28,310	10400/53000		
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	97	K4	11,174	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	47	Share of Lost Flow	9	SARP	Estimate SAR Recharge¹⁸	38	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	50	Flowing Beyond Alabama	10		Total River Recharge	40	

Santa Ana River-Mill Creek Cooperative Water Project									
Daily Flow Report						Date: May 18, 2011			
						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	4.1	(+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	7.1	(+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	7.1	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	7.1	
Santa Ana River				SOD Reservoir Elevation	N/A	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.3	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.7	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.8	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	149.2	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.0	
Z1	SOD ReleaseSubTotal D1+E1	150.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.8	
(Σ)G1	SubTotal 1+2 SAR Inflows	150.0	(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	150.0	W1	Redlands Aqueduct / Sandbox	2.5	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	101.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.8	
I1	Redlands Tunnel	2.5	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	101.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	48.2	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	150.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0	
(+A3)	RPU Flow	6.3	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	2.0	
(+B3)	M/C #3 Penstock	17.4	(+L3)	East Weir (MC)	2.0	(+S3)	East Weir to Zanja	3.9	
(+C3)	SBVWCD Mill Creek Diversion	47.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.7	
(Σ)D3	Total MC Inflows	70.7	(+C3)	Mill Creek Diversion (MC)	47.0	U3	Total MC Deliveries	70.7	
E3	M/C #1 Penstock Flow	23.7	(Σ)O3	SBVWCD Spreading	49.0	V3	Zanja West Weir to CWC Canal	1.2	
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)	20.6	Y3	Crafton Reser. Level (21.3)	18.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	200	I4	28,109	10400/53000		
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	97	K4	11,077	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	48	Share of Lost Flow	9	SARP	Estimate SAR Recharge¹⁸	39	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	51	Flowing Beyond Alabama	10		Total River Recharge	41	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 17, 2011			
						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	4.1	(+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	7.2	(+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	7.2	(+N)	¹ BVMWC Boulliou Box	3.1	(Σ)V	Total SWP Deliveries	7.2	
Santa Ana River				SOD Reservoir Elevation	2180.05	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.7	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	1.4	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.1	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	20.6	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	129.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.1	
Z1	SOD ReleaseSubTotal D1+E1	150.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	2.1	
(Σ)G1	SubTotal 1+2 SAR Inflows	150.0	(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	150.0	W1	Redlands Aqueduct / Sandbox	19.6	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	104.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	2.9	
I1	Redlands Tunnel	1.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	104.0	
J1	^a Big Bear Lake Release	2.0	(+Z2)	Cuttle Weir To River	25.4	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	150.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.5	
(+A3)	RPU Flow	5.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	1.0	
(+B3)	M/C #3 Penstock	16.7	(+L3)	East Weir (MC)	1.5	(+S3)	East Weir to Zanja	3.0	
(+C3)	SBVWCD Mill Creek Diversion	46.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	22.3	
(Σ)D3	Total MC Inflows	68.8	(+C3)	Mill Creek Diversion (MC)	46.5	U3	Total MC Deliveries	68.8	
E3	M/C #1 Penstock Flow	22.3	(Σ)O3	SBVWCD Spreading	48.0	V3	Zanja West Weir to CWC Canal	0.7	
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)	19.1	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	206	I4	27,909	10400/53000		
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	95	K4	10,980	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	25	Share of Lost Flow	4	SARP	Estimate SAR Recharge¹⁸	22	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	28	Flowing Beyond Alabama	4		Total River Recharge	24	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 16, 2011			
						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	5.3	(+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	8.4	(+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	8.4	(+N)	¹ BVMWC Boulliou Box	3.1	(Σ)V	Total SWP Deliveries	8.4	
Santa Ana River				SOD Reservoir Elevation	2181.85	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.1	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVMWC Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.1	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	24.1	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVMWC Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	173.9	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.1	
Z1	SOD ReleaseSubTotal D1+E1	198.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	1.4	
(Σ)G1	SubTotal 1+2 SAR Inflows	198.0	(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	198.0	W1	Redlands Aqueduct / Sandbox	24.6	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVMWC Diversion	103.0	X1	SBVMWC Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	1.4	
I1	Redlands Tunnel	1.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVMWC Parshall FlumeTo Basins	103.0	
J1	^a Big Bear Lake Release	3.0	(+Z2)	Cuttle Weir To River	70.9	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	198.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0	
(+A3)	RPU Flow	5.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	2.0	
(+B3)	M/C #3 Penstock	18.6	(+L3)	East Weir (MC)	2.0	(+S3)	East Weir to Zanja	4.4	
(+C3)	SBVMWC Mill Creek Diversion	48.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	24.2	
(Σ)D3	Total MC Inflows	72.2	(+C3)	Mill Creek Diversion (MC)	48.0	U3	Total MC Deliveries	72.2	
E3	M/C #1 Penstock Flow	24.2	(Σ)O3	SBVMWC Spreading	50.0	V3	Zanja West Weir to CWC Canal	3.3	
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)	20.8	Y3	Crafton Reser. Level (21.3)	20.0	
SBVMWC Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	613	I4	27,703	10400/53000		
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	298	K4	10,885	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	71	Share of Lost Flow	19	SARP	Estimate SAR Recharge¹⁸	52	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	74	Flowing Beyond Alabama	20		Total River Recharge	54	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 13, 2011			
						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	5.4	(+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	8.4	(+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	8.4	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	8.4	
Santa Ana River				SOD Reservoir Elevation	2190.55	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	23.9	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	182.1	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.0	
Z1	SOD ReleaseSubTotal D1+E1	206.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	3.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	206.0	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.2	
(-)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	206.0	W1	Redlands Aqueduct / Sandbox	21.0	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	103.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	4.4	
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	103.0	
J1	^a Big Bear Lake Release	3.0	(+Z2)	Cuttle Weir To River	79.1	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	206.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.8
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	3.3	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	2.0	
(+B3)	M/C #3 Penstock	22.3	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	7.8	
(+C3)	SBVWCD Mill Creek Diversion	46.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	25.6	
(Σ)D3	Total MC Inflows	71.6	(+C3)	Mill Creek Diversion (MC)	46.0	U3	Total MC Deliveries	71.6	
E3	M/C #1 Penstock Flow	25.6	(Σ)O3	SBVWCD Spreading	46.0	V3	Zanja West Weir to CWC Canal	3.5	
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)	20.0	Y3	Crafton Reser. Level (21.3)	18.5	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	204	I4	27,090	10400/53000		
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	91	K4	10,587	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	79	Share of Lost Flow	24	SARP	Estimate SAR Recharge ¹⁸	55	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge ¹⁹	2	
	Flow in the River Above Alabama	Total	82	Flowing Beyond Alabama	25		Total River Recharge	57	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: May 12, 2011		
						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	5.4	(+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	8.5	(+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	8.5	(+N)	¹ BVMWC Boulliou Box	3.1	(Σ)V	Total SWP Deliveries	8.5
Santa Ana River				SOD Reservoir Elevation	2193.50	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.9
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.1
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	22.4	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	185.6	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.1
Z1	SOD ReleaseSubTotal D1+E1	208.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	1.3
(Σ)G1	SubTotal 1+2 SAR Inflows	208.0	(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	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	208.0	W1	Redlands Aqueduct / Sandbox	21.7	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	104.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	2.2
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	104.0
J1	^a Big Bear Lake Release	3.0	(+Z2)	Cuttle Weir To River	81.6	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	208.0
L1	SCE SAR AVM (SCADA)	0.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+P3)	Tate Inflow	17.8
(+A3)	RPU Flow	3.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	19.7	(+L3)	East Weir (MC)	0.3	(+S3)	East Weir to Zanja	5.4
(+C3)	SBVWCD Mill Creek Diversion	49.7	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.5
(Σ)D3	Total MC Inflows	73.2	(+C3)	Mill Creek Diversion (MC)	49.7	U3	Total MC Deliveries	73.2
E3	M/C #1 Penstock Flow	23.5	(Σ)O3	SBVWCD Spreading	50.0	V3	Zanja West Weir to CWC Canal	3.9
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)	20.2	Y3	Crafton Reser. Level (21.3)	19.9
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	206	I4	26,885	10400/53000	
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	99	K4	10,496	15,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	82	Share of Lost Flow	29	SARP	Estimate SAR Recharge¹⁸	53
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	2
	Flow in the River Above Alabama	Total	85	Flowing Beyond Alabama	30		Total River Recharge	55

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: May 11, 2011		
						Time: 0730		
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	5.4	(+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	2.9	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	11.3	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	11.3
Santa Ana River				SOD Reservoir Elevation	2196.10	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A)1	PH #3 Penstock (CALC)	0.0	(+M)1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+B)1	BVMWC Highline	0.0	(+N)1	BVMWC Highline	0.0	(+)B2	Gay Overflow	2.2
(+C)1	Greenspot Pipeline	0.0	(+O)1	Newport for BVMWC	0.0	(+)C2	Irrigation	0.8
(+F)1	Greenspot Spill	0.0	(+P)1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boulliou Box Weir	3.0
A4	SAR Inflow-SubTotal-1	0.0	(+Q)1	Crafton WC Unger Lane	0.0	(+) E2	Boulliou Box to Zanja	0.0
(+D)1	BVMWC Rvr PU-USGS, Flume	21.6	(+R)1	BVMWC Highline to Boulliou	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+E)1	Main River Gage (USGS)	203.4	(+S)1	Crafton WC Boulliou	0.0	(Σ) B1	BVMWC Highline	3.0
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T)1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	2.5
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(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	0.8	(+) J2	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	225.0	W1	Redlands Aqueduct / Sandbox	18.8	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	104.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	3.5
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins	104.0
J1	^a Big Bear Lake Release	3.0	(+)Z2	Cuttle Weir To River	99.4	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	225.0
L1	SCE SAR AVM (SCADA)	0.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
(+A)3	RPU Flow	4.4	(+)J3	Wilson Creek Spreading	0.0	(+)P3	Tate Inflow	17.8
(+B)3	M/C #3 Penstock	18.3	(Σ)K3	Yucaipa Pipeline	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+C)3	SBVWCD Mill Creek Diversion	50.0	(+)L3	East Weir (MC)	0.0	(+)R3	Boulliou to BVMWC Highline	0.0
(Σ) D3	Total MC Inflows	72.7	(+)M3	BVHL (SAR)	0.0	(+)S3	East Weir to Zanja	4.9
E3	M/C #1 Penstock Flow	22.7	(+)C3	Mill Creek Diversion (MC)	50.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	22.7
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	SBVWCD Spreading	50.0	U3	Total MC Deliveries	72.7
G3	Observation at Garnet Bridge	3.0				V3	Zanja West Weir to CWC Canal	5.1
H3			I3	Mentone Reser. Level (23.0)	19.8	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			Y3	Crafton Reser. Level (21.3)				20.5
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	206	I4	26,679	10400/53000	
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	99	K4	10,397	15,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	99	Share of Lost Flow	29	SARP	Estimate SAR Recharge ¹⁸	70
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge ¹⁹	2
	Flow in the River Above Alabama	Total	102	Flowing Beyond Alabama	30		Total River Recharge	72

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: May 10, 2011			
						Time: 0730			
State Water Project									
		Flow Rate (cfs)			Flow Rate (cfs)				
	Inflows		Deliveries		Deliveries (continued)		Flow Rate (cfs)		
(+A)	BBMWD In-lieu	14.3	(+H)	¹ EVWD Treatment Plant	5.3	(+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	5.9	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	14.3	(+N)	¹ BVMWC Boulliou Box	3.1	(Σ)V	Total SWP Deliveries	14.3	
Santa Ana River				SOD Reservoir Elevation	2201.00	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	1.2	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVMWC Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.1	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	20.4	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVMWC Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	204.6	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.1	
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	2.5	
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(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	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	225.0	W1	Redlands Aqueduct / Sandbox	18.5	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVMWC Diversion	105.0	X1	SBVMWC Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	3.4	
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVMWC Parshall FlumeTo Basins	105.0	
J1	^a Big Bear Lake Release	3.0	(+Z2)	Cuttle Weir To River	99.6	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	225.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.4	
(+A3)	RPU Flow	5.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	18.9	(+L3)	East Weir (MC)	0.4	(+S3)	East Weir to Zanja	4.9	
(+C3)	SBVMWC Mill Creek Diversion	50.6	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.9	
(Σ)D3	Total MC Inflows	74.5	(+C3)	Mill Creek Diversion (MC)	50.6	U3	Total MC Deliveries	74.5	
E3	M/C #1 Penstock Flow	23.9	(Σ)O3	SBVMWC Spreading	51.0	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	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.4	Y3	Crafton Reser. Level (21.3)	19.8	
SBVMWC Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	208		I4	26,473	10400/53000	
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	101		K4	10,298	15,000	
D4	Mill Creek	SWP	H4	0		L4	1,434	714	
	SBVMWD	SWP		0			0		
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	100	Share of Lost Flow	29	SARP	Estimate SAR Recharge¹⁸	70	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	103	Flowing Beyond Alabama	30		Total River Recharge	73	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: May 9, 2011		
						Time: 0730		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	14.5	(+H)	¹ EVWD Treatment Plant	5.4	(+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	6.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	14.5	(+N)	¹ BVMWC Boulliou Box	3.1	(Σ)V	Total SWP Deliveries	14.5
Santa Ana River								
				SOD Reservoir Elevation	2201.10	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A)1	PH #3 Penstock (CALC)	0.0	(+M)1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+B)1	BVMWC Highline	0.0	(+N)1	BVMWC Highline	0.0	(+)B2	Gay Overflow	3.1
(+C)1	Greenspot Pipeline	0.0	(+O)1	Newport for BVMWC	0.0	(+)C2	Irrigation	0.0
(+F)1	Greenspot Spill	0.0	(+P)1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boulliou Box Weir	3.1
A4	SAR Inflow-SubTotal-1	0.0	(+Q)1	Crafton WC Unger Lane	0.0	(+) E2	Boulliou Box to Zanja	0.0
(+D)1	BVMWC Rvr PU-USGS, Flume	19.8	(+R)1	BVMWC Highline to Boulliou	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+E)1	Main River Gage (USGS)	205.2	(+S)1	Crafton WC Boulliou	0.0	(Σ) B1	BVMWC Highline	3.1
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T)1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	1.2
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.1
(-)D1a	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	225.0	W1	Redlands Aqueduct / Sandbox	17.0	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	105.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline	2.3
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins	105.0
J1	^a Big Bear Lake Release	5.0	(+)Z2	Cuttle Weir To River	100.2	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	225.0
L1	SCE SAR AVM (SCADA)	0.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J)3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J)3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.5
(+) A3	RPU Flow	4.6	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boulliou to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	20.4	(+L)3	East Weir (MC)	0.5	(+)S3	East Weir to Zanja	5.9
(+) C3	SBVWCD Mill Creek Diversion	50.5	(+M)3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	25.0
(Σ) D3	Total MC Inflows	75.5	(+)C3	Mill Creek Diversion (MC)	50.5	U3	Total MC Deliveries	75.5
E3	M/C #1 Penstock Flow	25.0	(Σ)O3	SBVWCD Spreading	51.0	V3	Zanja West Weir to CWC Canal	8.1
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)	18.7	Y3	Crafton Reser. Level (21.3)	18.0
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	625	I4	26,265	10400/53000	
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	304	K4	10,196	15,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	100	Share of Lost Flow	29	SARP	Estimate SAR Recharge ¹⁸	71
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge ¹⁹	2
	Flow in the River Above Alabama	Total	103	Flowing Beyond Alabama	30		Total River Recharge	73

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: May 6, 2011			
						Time: 0730			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	8.4	(+H)	¹ EVWD Treatment Plant	5.4	(+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	8.4	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	8.4	
Santa Ana River				SOD Reservoir Elevation	2208.50	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVMCD Mill Creek Spreading	0.0	(Σ)D2	Boulliou Box Weir	3.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	22.3	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVMCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	202.7	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.0	
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.9	
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(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	225.0	W1	Redlands Aqueduct / Sandbox	22.6	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVMCD Diversion	108.0	X1	SBVMCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.9	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVMCD Parshall FlumeTo Basins	108.0	
J1	^a Big Bear Lake Release	5.0	(+Z2)	Cuttle Weir To River	94.7	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	225.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0	
(+A3)	RPU Flow	3.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	21.1	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	5.4	
(+C3)	SBVMCD Mill Creek Diversion	50.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	25.0	
(Σ)D3	Total MC Inflows	75.0	(+C3)	Mill Creek Diversion (MC)	50.0	U3	Total MC Deliveries	75.0	
E3	M/C #1 Penstock Flow	25.0	(Σ)O3	SBVMCD Spreading	51.0	V3	Zanja West Weir to CWC Canal	4.2	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	4.0							
H3			I3	Mentone Reser. Level (23.0)	20.8	Y3	Crafton Reser. Level (21.3)	12.3	
SBVMCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	214	I4	25,640	10400/53000		
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	101	K4	9,893	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	95	Share of Lost Flow	29	SARP	Estimate SAR Recharge¹⁸	66	
	Mill Creek Passing Garnet	MC	4	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	99	Flowing Beyond Alabama	30		Total River Recharge	69	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: May 5, 2011			
						Time: 0730			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	8.5	(+H)	¹ EVWD Treatment Plant	5.5	(+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	8.5	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	8.5	
Santa Ana River				SOD Reservoir Elevation	2210.70	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	1.1	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	22.6	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	202.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.0	
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	1.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(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	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	225.0	W1	Redlands Aqueduct / Sandbox	21.7	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	108.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	2.1	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	108.0	
J1	^a Big Bear Lake Release	5.0	(+Z2)	Cuttle Weir To River	94.4	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	225.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0	
(+A3)	RPU Flow	3.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	20.7	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	4.3	
(+C3)	SBVWCD Mill Creek Diversion	50.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.9	
(Σ)D3	Total MC Inflows	73.9	(+C3)	Mill Creek Diversion (MC)	50.0	U3	Total MC Deliveries	73.9	
E3	M/C #1 Penstock Flow	23.9	(Σ)O3	SBVWCD Spreading	51.0	V3	Zanja West Weir to CWC Canal	2.3	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	4.0							
H3			I3	Mentone Reser. Level (23.0)	19.4	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	214	I4	25,426	10400/53000		
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	101	K4	9,792	15,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	94	Share of Lost Flow	29	SARP	Estimate SAR Recharge¹⁸	66	
	Mill Creek Passing Garnet	MC	4	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	98	Flowing Beyond Alabama	30		Total River Recharge	68	

Santa Ana River-Mill Creek Cooperative Water Project								
						Date: May 4, 2011		
						Time: 0730		
State Water Project								
Inflows		Flow Rate (cfs)	Deliveries		Flow Rate (cfs)	Deliveries (continued)		
(+A)	BBMWD In-lieu	8.5	(+H)	¹ EVWD Treatment Plant	5.5	(+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	0.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+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	8.5	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	
Santa Ana River				SOD Reservoir Elevation	2213.00	Debris Pool Elevation		
Inflows		Flow Rate (cfs)	Deliveries		Flow Rate (cfs)	Deliveries		
(+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	(+Σ)D2	Boulliou Box Weir	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	
(+D1)	BVMWC Rvr PU-USGS, Flume	25.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	
(+E1)	Main River Gage (USGS)	200.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(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	225.0	W1	Redlands Aqueduct / Sandbox	23.2	(+K2)	Northfork Parshall Flume	
H1	SBVWCD Diversion	107.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	
J1	^a Big Bear Lake Release	10.0	(+Z2)	Cuttle Weir To River	93.0	(Σ)C1	Greenspot Pipeline	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	
L1	SCE SAR AVM (SCADA)	0.0						
			Deliveries		Flow Rate (cfs)	Deliveries		
Mill Creek				(+J3)	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	0.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	
(+B3)	M/C #3 Penstock	21.3	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	
(+C3)	SBVWCD Mill Creek Diversion	51.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	
(Σ)D3	Total MC Inflows	73.1	(+C3)	Mill Creek Diversion (MC)	51.0	U3	Total MC Deliveries	
E3	M/C #1 Penstock Flow	22.1	(Σ)O3	SBVWCD Spreading	51.0	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	4.0						
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	212	I4	25,211	10400/53000	
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	101	K4	9,691	15,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	93	Share of Lost Flow	29	SARP	Estimate SAR Recharge¹⁸	
	Mill Creek Passing Garnet	MC	4	Share of Lost Flow	1	MCRP	Estimate Mill Creek Recharge¹⁹	
	Flow in the River Above Alabama	Total	97	Flowing Beyond Alabama	30		Total River Recharge	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: May 3, 2011			
						Time: 0730			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	8.4	(+H)	¹ EVWD Treatment Plant	5.4	(+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	8.4	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	8.4	
Santa Ana River				SOD Reservoir Elevation	2216.70	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.1	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	1.9	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVMWC Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	24.6	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVMWC Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	200.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.0	
Z1	SOD ReleaseSubTotal D1+E1	225.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	1.8	
(Σ)G1	SubTotal 1+2 SAR Inflows	225.0	(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	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	225.0	W1	Redlands Aqueduct / Sandbox	23.1	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVMWC Diversion	105.0	X1	SBVMWC Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	2.7	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVMWC Parshall FlumeTo Basins	105.0	
J1	^a Big Bear Lake Release	20.0	(+Z2)	Cuttle Weir To River	95.4	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	225.0	
L1	SCE SAR AVM (SCADA)	0.0							
				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	1.0	
(+A3)	RPU Flow	3.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	19.5	(+L3)	East Weir (MC)	1.0	(+S3)	East Weir to Zanja	4.9	
(+C3)	SBVMWC Mill Creek Diversion	54.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	22.9	
(Σ)D3	Total MC Inflows	76.9	(+C3)	Mill Creek Diversion (MC)	54.0	U3	Total MC Deliveries	76.9	
E3	M/C #1 Penstock Flow	22.9	(Σ)O3	SBVMWC Spreading	55.0	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	0.0	
G3	Observation at Garnet Bridge	4.0							
H3			I3	Mentone Reser. Level (23.0)	19.3	Y3	Crafton Reser. Level (21.3)	18.5	
SBVMWC Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	208	I4	24,999	10400/57000		
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	108	K4	9,590	11,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	95	Share of Lost Flow	48	SARP	Estimate SAR Recharge ¹⁸	47	
	Mill Creek Passing Garnet	MC	4	Share of Lost Flow	2	MCRP	Estimate Mill Creek Recharge ¹⁹	2	
	Flow in the River Above Alabama	Total	99	Flowing Beyond Alabama	50		Total River Recharge	49	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: May 2, 2011			
						Time: 0800			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	8.4	(+H)	¹ EVWD Treatment Plant	5.4	(+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	8.4	(+N)	¹ BVMWC Boulliou Box	3.0	(Σ)V	Total SWP Deliveries	8.4	
Santa Ana River				SOD Reservoir Elevation	2217.00	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	0.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	0.8	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	3.0	
A4	SAR Inflow-SubTotal-1	0.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	20.6	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	279.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	3.0	
Z1	SOD ReleaseSubTotal D1+E1	300.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	1.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	300.0	(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	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	300.0	W1	Redlands Aqueduct / Sandbox	19.9	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	104.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	1.9	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	104.0	
J1	^a Big Bear Lake Release	20.0	(+Z2)	Cuttle Weir To River	175.4	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	N/A				(Σ)N2	¹ Total SAR Deliveries	300.0	
L1	SCE SAR AVM (SCADA)	0.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	13.8
	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)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	19.5	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	5.7	
(+C3)	SBVWCD Mill Creek Diversion	55.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.5	
(Σ)D3	Total MC Inflows	74.5	(+C3)	Mill Creek Diversion (MC)	55.0	U3	Total MC Deliveries	74.5	
E3	M/C #1 Penstock Flow	19.5	(Σ)O3	SBVWCD Spreading	55.0	V3	Zanja West Weir to CWC Canal	2.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	10.0							
H3			I3	Mentone Reser. Level (23.0)	19.6	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	619	I4	24,791	10400/57000		
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	327	K4	9,482	11,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	175	Share of Lost Flow	95	SARP	Estimate SAR Recharge¹⁸	81	
	Mill Creek Passing Garnet	MC	10	Share of Lost Flow	5	MCRP	Estimate Mill Creek Recharge¹⁹	5	
	Flow in the River Above Alabama	Total	185	Flowing Beyond Alabama	100		Total River Recharge	85	