

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: 9.30.2009
							Time: 0630
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	26.8	(+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	24.8	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.4	(+R) ¹ Tate Treatment Plant	3.7
(+D)	Purchased Water	24.8	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.2
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	7.5	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	51.6	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V Total SWP Deliveries	51.6
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation 2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.4	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	2.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	3.4
(+D1)	BVMWC River PU (USGS)	6.5	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2 Boullioun Box Weir	5.4
(+F1)	Greenspot Spill	3.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boullioun Box to Zanja	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+R1)	BVMWC Highline to Boullioun	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ) B1 BVMWC Highline	5.4
(Σ)G1	Total SAR Inflows	11.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.9
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1 ^{a)}	Big Bear Lake Release	1.24	W1	Redlands Aqueduct Weir	5.8	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.9
L1	SCE SAR AVM (SCADA)	9.3	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall FlumeTo Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.9
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	5.7	(+I)3	Yucaipa Regional Park	0.0	(+)P3 Tate Inflow	10.9
(+) B3	M/C #3 Penstock	8.0	(+J)3	Wilson Creek Spreading	0.0	(+)Q3 East Weir to Mill Creek	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3 Boullioun to BVMWC Highline	0.0
(Σ) D3	Total MC Inflows	13.7	(+L)3	East Weir (MC)	0.0	(+)S3 East Weir to Zanja	2.8
E3	M/C #1 Penstock Flow	0.0	(+M)3	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.7
F3	Stream Parshall Flume to Yucaipa	0.0	(+N)3	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.7
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	8.1
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.5	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		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	49	J4	981	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+I2+L2						
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.29.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	26.5	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	25.0	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	7.0	(+R) ¹ Tate Treatment Plant	3.0
(+D)	Purchased Water	25.0	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.0
(+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	7.5	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	51.5	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	51.5
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.1	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	2.5
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	2.6
(+D1)	BVMWC River PU (USGS)	5.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.1
(+F1)	Greenspot Spill	3.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.1
(Σ)G1	Total SAR Inflows	10.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.9
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.24	W1	Redlands Aqueduct Weir	5.0	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.9
L1	SCE SAR AVM (SCADA)	8.0	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	10.8
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.4	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	10.8
(+B3)	M/C #3 Penstock	8.2	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.6	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	2.8
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.6
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.6
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	8.6
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	19.8	Y3 Crafton Reser. Level (21.3)	18.7
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	44	J4	932	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ)U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: 9.28.2009
							Time: 0600
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	28.3	(+H)	¹ EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.4	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	8.5	(+R) ¹ Tate Treatment Plant	3.5
(+D)	Purchased Water	19.4	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.6
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	7.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	47.7	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V Total SWP Deliveries	47.7
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.3	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	1.9
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	3.4
(+D1)	BVMWC River PU (USGS)	5.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2 Boullioun Box Weir	5.3
(+F1)	Greenspot Spill	3.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boullioun Box to Zanja	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+R1)	BVMWC Highline to Boullioun	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ) B1 BVMWC Highline	5.3
(Σ)G1	Total SAR Inflows	11.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	^a Big Bear Lake Release	1.41	W1	Redlands Aqueduct Weir	5.9	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	7.4	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall FlumeTo Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	5.3	(+I)3	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	10.8
(+) B3	M/C #3 Penstock	7.8	(+J)3	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boullioun to BVMWC Highline	0.0
(Σ) D3	Total MC Inflows	13.1	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	2.3
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.1
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.1
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	7.5
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.3	Y3 Crafton Reser. Level (21.3)	14.5
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	1	J4	888	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+I2+L2						
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.25.2009	
						Time: 0600	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	28.3	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.4	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	8.5	(+R) ¹ Tate Treatment Plant	3.5
(+D)	Purchased Water	19.4	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.6
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	7.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	47.7	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V Total SWP Deliveries	47.7
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.3	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	1.9
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	3.4
(+D1)	BVMWC River PU (USGS)	5.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boullioun Box Weir	5.3
(+F1)	Greenspot Spill	3.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boullioun Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boullioun	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ) B1 BVMWC Highline	5.3
(Σ)G1	Total SAR Inflows	11.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.32	W1	Redlands Aqueduct Weir	5.9	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	7.4	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.3	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	10.8
(+B3)	M/C #3 Penstock	7.8	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boullioun to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.1	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	2.3
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.1
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.1
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	7.5
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.3	Y3 Crafton Reser. Level (21.3)	14.5
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	39	J4	887	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.24.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	26.6	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.8	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.8	(+R) ¹ Tate Treatment Plant	3.5
(+D)	Purchased Water	19.8	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.6
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	7.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	46.4	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	46.4
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.2	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	0.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	5.2
(+D1)	BVMWC River PU (USGS)	5.8	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.2
(+F1)	Greenspot Spill	3.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.2
(Σ)G1	Total SAR Inflows	11.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.33	W1	Redlands Aqueduct Weir	6.0	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	7.7	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.3	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	9.5
(+B3)	M/C #3 Penstock	8.2	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.5	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	4.0
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.5
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.5
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	8.9
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	21.0	Y3 Crafton Reser. Level (21.3)	14.9
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	39	J4	848	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
		Daily Flow Report				Date: 9.23.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	17.4	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.7	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	7.7	(+R) ¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	19.7	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	0.9
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	7.9	(+T) ¹ Newport for BVMWC	0.9
(+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	37.1	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	37.1
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.4	(+N1)	BVMWC Highline	0.0	(+B2) <i>Gay Overflow</i>	0.7
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) <i>Irrigation</i>	4.7
(+D1)	BVMWC River PU (USGS)	5.9	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.4
(+F1)	Greenspot Spill	3.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.4
(Σ)G1	Total SAR Inflows	11.3	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.31	W1	Redlands Aqueduct Weir	6.1	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	7.4	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.3
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.3	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	6.7
(+B3)	M/C #3 Penstock	8.4	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.7	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	7.0
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.7
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.7
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	5.6
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.2	Y3 Crafton Reser. Level (21.3)	14.8
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	39	J4	769	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.22.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	25.6	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.8	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	7.8	(+R) ¹ Tate Treatment Plant	6.0
(+D)	Purchased Water	19.8	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.8
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	2.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	45.4	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	45.4
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.3	(+N1)	BVMWC Highline	0.0	(+B2) <i>Gay Overflow</i>	2.3
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) <i>Irrigation</i>	3.0
(+D1)	BVMWC River PU (USGS)	5.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.3
(+F1)	Greenspot Spill	3.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.3
(Σ)G1	Total SAR Inflows	11.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.9
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.32	W1	Redlands Aqueduct Weir	5.0	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.9
L1	SCE SAR AVM (SCADA)	8.0	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.3	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	8.2
(+B3)	M/C #3 Penstock	8.0	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.3	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	5.1
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.3
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.3
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	5.6
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	19.5	Y3 Crafton Reser. Level (21.3)	14.7
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	40	J4	770	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ)U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.21.2009	
						Time: 0600	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	23.9	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	20.1	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.9	(+R) ¹ Tate Treatment Plant	6.0
(+D)	Purchased Water	20.1	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.0
(+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	2.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	44.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	44.0
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	-0.2	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	6.5	(+N1)	BVMWC Highline	0.0	(+B2) <i>Gay Overflow</i>	3.5
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) <i>Irrigation</i>	3.0
(+D1)	BVMWC River PU (USGS)	5.5	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	6.5
(+F1)	Greenspot Spill	2.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	6.5
(Σ)G1	Total SAR Inflows	11.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.9
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.32	W1	Redlands Aqueduct Weir	4.6	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.9
L1	SCE SAR AVM (SCADA)	8.2	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.8
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.4	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	8.7
(+B3)	M/C #3 Penstock	7.9	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.3	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	4.6
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.3
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.3
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	2.6
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	19.1	Y3 Crafton Reser. Level (21.3)	14.5
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	119	J4	730	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.18.2009	
						Time: 0600	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	22.8	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.8	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.6	(+R) ¹ Tate Treatment Plant	6.0
(+D)	Purchased Water	19.8	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	1.2
(+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	42.6	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	42.6
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.8	(+N1)	BVMWC Highline	0.0	(+B2) <i>Gay Overflow</i>	3.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) <i>Irrigation</i>	2.8
(+D1)	BVMWC River PU (USGS)	4.9	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.8
(+F1)	Greenspot Spill	2.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.8
(Σ)G1	Total SAR Inflows	10.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.9
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.0	W1	Redlands Aqueduct Weir	4.2	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.9
L1	SCE SAR AVM (SCADA)	8.1	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	10.7
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.4	(+J3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	9.5
(+B3)	M/C #3 Penstock	8.0	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.4	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	3.9
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.4
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.4
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	2.6
H3						W3 Mill Creek PH #2,3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.1	Y3 Crafton Reser. Level (21.3)	14.9
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	40	J4	611	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.17.2009	
						Time: 0625	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	21.5	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	20.1	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.6	(+R) ¹ Tate Treatment Plant	6.0
(+D)	Purchased Water	20.1	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	7.9	(+T) ¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	41.6	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	41.6
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.8	(+N1)	BVMWC Highline	0.0	(+B2) <i>Gay Overflow</i>	2.3
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) <i>Irrigation</i>	3.5
(+D1)	BVMWC River PU (USGS)	5.6	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.8
(+F1)	Greenspot Spill	3.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.8
(Σ)G1	Total SAR Inflows	11.4	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.0	W1	Redlands Aqueduct Weir	5.8	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	8.5	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.4
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.7	(+J3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	10.2
(+B3)	M/C #3 Penstock	8.2	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.9	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	3.7
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.9
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.9
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	2.6
H3						W3 Mill Creek PH #2,3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	21.0	Y3 Crafton Reser. Level (21.3)	15.8
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	40	J4	571	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.16.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	21.5	(+)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	20.3	(+)Q ¹ Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	6.6	(+)R ¹ Tate Treatment Plant	6.0
(+)D	Purchased Water	20.3	(+)K	¹ Edwards Canal	0.0	(+)S ¹ SBCFCD Grove	1.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	7.9	(+)T ¹ Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	41.8	(+)N	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	41.8
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)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2 Newport	0.0
(+)B1	BVMWC Highline	5.9	(+)N1	BVMWC Highline	0.0	(+)B2 Gay Overflow	2.5
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2 Irrigation	3.4
(+)D1	BVMWC River PU (USGS)	7.1	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2 Boulliou Box Weir	5.9
(+)F1	Greenspot Spill	4.5	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2 Boulliou Box to Zanja	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)R1	BVMWC Highline to Boulliou	0.0	(+) F2 SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.9
(Σ)G1	Total SAR Inflows	13.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2 Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+) H2 Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+)V1	PH #3 Afterbay Spill Loss to SAR	0.0	(+) J2 Tailrace Valve	0.0
J1	Big Bear Lake Release	1.0	W1	Redlands Aqueduct Weir	7.3	(+)K2 Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	10.2	Y1	Redlands Sandbox Spill	0.0	(+) L2 SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	13.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	5.7	(+)I3	Yucaipa Regional Park	0.0	(+)P3 Tate Inflow	10.0
(+) B3	M/C #3 Penstock	8.4	(+)J3	Wilson Creek Spreading	0.0	(+)Q3 East Weir to Mill Creek	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3 Boulliou to BVMWC Highline	0.0
(Σ) D3	Total MC Inflows	14.1	(+)L3	East Weir (MC)	0.0	(+)S3 East Weir to Zanja	4.1
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	14.1
F3	Stream Parshall Flume to Yucaipa	0.0	(+)N3	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	14.1
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	2.8
H3						W3 Mill Creek PH #2,3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	21.3	Y3 Crafton Reser. Level (21.3)	16.3
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	37	J4	531	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+I2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.15.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	27.4	(+H)	EVWD Treatment Plant	0.0	(+P) SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	Santa Ana Low Turnout	11.0	(+Q) Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	Northfork Canal	6.8	(+R) Tate Treatment Plant	6.0
(+D)	Purchased Water	11.0	(+K)	Edwards Canal	0.0	(+S) SBCFCD Grove	1.1
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	Redlands Aqueduct	13.5	(+T) Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	Crafton Unger Lane	0.0	(+U) M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	38.4	(+N)	BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	38.4
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.7	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	2.9
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	2.8
(+D1)	BVMWC River PU (USGS)	7.4	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2 Boulliou Box Weir	5.7
(+F1)	Greenspot Spill	4.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1 BVMWC Highline	5.7
(Σ)G1	Total SAR Inflows	13.1	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ)U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.0	W1	Redlands Aqueduct Weir	7.6	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	10.5	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1 Greenspot Pipeline	0.0
						(Σ)N2 Total SAR Deliveries	13.1
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.7	(+J3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	10.9
(+B3)	M/C #3 Penstock	9.1	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	14.8	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	3.9
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	14.8
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	14.8
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	3.0
H3						W3 Mill Creek PH #2,3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.8	Y3 Crafton Reser. Level (21.3)	16.6
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	22	J4	494	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ)U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.14.2009	
						Time: 0640	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	30.3	(+H)	EVWWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	11.0	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	8.8	(+R) ¹ Tate Treatment Plant	6.0
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	1.2
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	13.4	(+T) ¹ Newport for BVMWC	0.9
(+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	41.3	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	41.3
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)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.6	(+N1)	BVMWC Highline	0.0	(+B2) <i>Gay Overflow</i>	2.8
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) <i>Irrigation</i>	2.8
(+D1)	BVMWC River PU (USGS)	6.4	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2 Boulliou Box Weir	5.6
(+F1)	Greenspot Spill	3.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.6
(Σ)G1	Total SAR Inflows	12.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.9
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.0	W1	Redlands Aqueduct Weir	5.7	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.9
L1	SCE SAR AVM (SCADA)	9.1	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	3.1	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	12.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.6	(+J3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	10.6
(+B3)	M/C #3 Penstock	8.3	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.9	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	3.3
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.9
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.9
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	2.6
H3						W3 Mill Creek PH #2,3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	20.1	Y3 Crafton Reser. Level (21.3)	15.5
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	65	J4	472	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ) U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River-Mill Creek Cooperative Water Project								
			Daily Flow Report				Date: 9.11.09	
							Time:1045	
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	28.9	(+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	11.1	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	8.1	(+R)	¹ Tate Treatment Plant	6.0
(+D)	Purchased Water	11.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	1.3
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	13.5	(+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	40.0	(+N)	¹ BVMWC Boullion Box	0.0	(Σ)V	Total SWP Deliveries	40.0
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	5.9	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.9
(+D1)	BVMWC River PU (USGS)	3.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2	Boullion Box Weir	5.9
(-D1a	If BV p/u gated,divert to SAR= "Y"		(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullion Box to Zanja	0.0
(+E1)	Main River Gage (USGS)	0.0	(+R1)	BVMWC Highline to Boullion	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+F1)	Greenspot Spill	3.2	(+S1)	Crafton WC Boullion	0.0	(Σ)B1	BVMWC Highline	5.9
(Σ)G1	Total SAR Inflows	12.2	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(-V1)	PH #3 Afterbay Spill Loss to SAR	3.1	(Σ)I2	Tailrace Pipeline	0.9
J1	⁹ Big Bear Lake Release	1.0	W1	Redlands Aqueduct Weir	5.6	(+J2)	Tailrace Valve	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(+K2)	Northfork Parshall Flume	0.0
L1	SCE SAR AVM (SCADA)	0.0	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0
Z1	Seven Oaks Dam Release	3.1	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
						(Σ)N2	¹ Total SAR Deliveries	12.2
Mill Creek								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A3	RPU Flow	5.2	(+J)3	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	10.8
(+)B3	M/C #3 Penstock	8.9	(+J)3	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+)C3	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullion to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	14.1	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.3
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.1
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	14.1
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.2
H3						W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	19.6	Y3	Crafton Reser. Level (21.3)	16.4
SBVWCD Recharge								
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4			I4	8,456	10,000
B4	Santa Ana River	SWP	F4	21		J4	407	
C4	Mill Creek	MC	G4			K4	4,450	8,000
D4	Mill Creek	SWP	H4			L4	555	
Comments:								
	1) Source = SCADAVIEW			a) Per fish release from Big Bear Lake.				
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F							
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U							
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a							
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2							
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2							
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1+F1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay							
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1+F1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR							
	9) Greenspot Pipeline, (Σ)U1 = M1 = N1+O1+P1+Q1+R1+S1+T1							
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+I2+L2							
	11)Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3							
	12) M/C #1 Penstock Flow, (Σ)E3 = T3							
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3							
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3							
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3							
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3							
	17) Seven Oaks Dam Release = Z1 = D1 - F1							

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-10-09

Time: 0625

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	28.6	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.4	SARC West	0.0
Exchange Water	0.0	Northfork Canal	7.9	Zanja	0.0
Purchased Water	³⁾ 10.4	Edwards Canal	0.0	Tate Treatment Plant	6.0
Construction In-lieu	0.0	Redlands Aqueduct	13.4	SBCFCD Grove	1.3
Recharge Project	0.0	Crafton Unger Lane	0.0	Newport for BVMWC	0.0
Total SWP Inflows	39.0	Total SWP Deliveries	39.0	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.8
BVMWC Highline	5.8	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.8
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	0.6
Greenspot Spill	2.3	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.9
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	^{a)} 1.24	Tate Pump Station to Zanja	0.0	Edwards Canal	0.9
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	8.0	Redlands Aqueduct Weir	4.7	Northfork Parshall Flume	0.0
Total SAR Inflows	11.2	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
				Redlands Sandbox Spill	0.0
				Total SAR Deliveries	¹⁾ 11.2

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	13.7	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	13.7
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	9.1
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	5.3	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	8.4	East Weir (MC)	0.0	East Weir to Zanja	4.6
Observation at Garnet Bridge	0.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	4.2
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	13.7	Total MC Deliveries	²⁾ 13.7		
Mentone Reser. Level (23.0)	19.5	Crafton Reser. Level (21.3)	16.7		

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	21		386	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - Per fish release.

SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- Added purchased water for SBVWCD

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-09-09

Time: 0630

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	27.5	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.4	SARC West	0.0
Exchange Water	0.0	Northfork Canal	6.8	Zanja	0.0
Purchased Water	³⁾ 10.4	Edwards Canal	0.0	Tate Treatment Plant	6.0
Construction In-lieu	0.0	Redlands Aqueduct	13.4	SBCFCD Grove	1.3
Recharge Project	0.0	Crafton Unger Lane	0.0	Newport for BVMWC	0.0
Total SWP Inflows	37.9	Total SWP Deliveries	37.9	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.7
BVMWC Highline	5.7	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.7
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	1.8
Greenspot Spill	3.1	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.0
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	^{a)} 1.24	Tate Pump Station to Zanja	0.0	Edwards Canal	0.0
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	8.6	Redlands Aqueduct Weir	6.4	Northfork Parshall Flume	0.0
Total SAR Inflows	11.9	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
		Redlands Sandbox Spill	0.0	Cuttle Weir	0.0
				Total SAR Deliveries	¹⁾ 11.9

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	14.2	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	14.2
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	10.0
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	5.3	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	8.9	East Weir (MC)	0.0	East Weir to Zanja	4.2
Observation at Garnet Bridge	0.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	2.8
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	14.2			Total MC Deliveries	²⁾ 14.2
Mentone Reser. Level (23.0)	19.7			Crafton Reser. Level (21.3)	19.5

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	21		365	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - Per fish release.
 SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- Added purchased water for SBVWCD

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report			Date: 9.24.2009	
						Time: 0630	
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+A)	BBMWD In-lieu	26.6	(+H)	EVWD Treatment Plant	0.0	(+P) ¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	19.8	(+Q) ¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.8	(+R) ¹ Tate Treatment Plant	3.5
(+D)	Purchased Water	19.8	(+K)	¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.6
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	7.0	(+U) ¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	46.4	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V Total SWP Deliveries	46.4
Santa Ana River			SOD Reservoir Elevation		NA	Debris Pool Elevation	2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A1)	PH #3 Penstock (CALC)	0.0	(+M1)	SBCFCD Grove	0.0	(+A2) Newport	0.0
(+B1)	BVMWC Highline	5.2	(+N1)	BVMWC Highline	0.0	(+B2) Gay Overflow	0.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2) Irrigation	5.2
(+D1)	BVMWC River PU (USGS)	5.8	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boulliou Box Weir	5.2
(+F1)	Greenspot Spill	3.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2) Boulliou Box to Zanja	0.0
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+R1)	BVMWC Highline to Boulliou	0.0	(+F2) SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ) B1 BVMWC Highline	5.2
(Σ)G1	Total SAR Inflows	11.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	0.0
H1	SBVWCD Diversion	0.0	(Σ) U1	Greenspot Pipeline	0.0	(+H2) Edwards Canal	0.0
I1	Redlands Tunnel	0.2	(+V1)	PH #3 Afterbay Spill Loss to SAR	0.0	(+J2) Tailrace Valve	0.0
J1	Big Bear Lake Release	1.33	W1	Redlands Aqueduct Weir	6.0	(+K2) Northfork Parshall Flume	0.0
K1	PH#3 Penstock (SCADA)	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2 Tailrace Pipeline	0.0
L1	SCE SAR AVM (SCADA)	7.7	Y1	Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall Flume To Basins	0.0
Z1	Seven Oaks Dam Release	2.6	(+Z2)	Cuttle Weir To River	0.0	(Σ) C1 Greenspot Pipeline	0.0
						(Σ)N2 ¹ Total SAR Deliveries	11.0
Mill Creek							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+A3)	RPU Flow	5.3	(+I3)	Yucaipa Regional Park	0.0	(+P3) Tate Inflow	9.5
(+B3)	M/C #3 Penstock	8.2	(+J3)	Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3) Boulliou to BVMWC Highline	0.0
(Σ)D3	Total MC Inflows	13.5	(+L3)	East Weir (MC)	0.0	(+S3) East Weir to Zanja	4.0
E3	M/C #1 Penstock Flow	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	13.5
F3	Stream Parshall Flume to Yucaipa	0.0	(+N3)	Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	13.5
G3	Observation at Garnet Bridge	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3 Zanja West Weir to CWC Canal	8.9
H3						W3 Mill Creek PH #2.3 Afterbay Spill	0.0
			I3	Mentone Reser. Level (23.0)	21.0	Y3 Crafton Reser. Level (21.3)	14.9
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4		I4	8,456	10,000
B4	Santa Ana River	SWP	F4	39	J4	848	
C4	Mill Creek	MC	G4		K4	4,450	8,000
D4	Mill Creek	SWP	H4		L4	555	
Comments:							
	1) Source = SCADAVIEW				a) Per fish release from Big Bear Lake.		
	2) State Water Inflows, (Σ)G = A+B+C+D+E+F						
	3) State Water Deliveries, (Σ)V = H+I+J+K+L+M+N+P+Q+R+S+T+U						
	4) PH#3 Penstock (Calc), (Σ)A1=V1+G2+H2+W1+Y1+E1-I1-D1a						
	5) Bear Valley Highline, (Σ)B1 = A2+D2+E2+F2						
	6) Total SAR Inflows = SAR Deliveries, (Σ)G1 = (Σ)N2						
	7) Total SAR Inflows, (Σ)G1 = A1+B1+C1+D1+E1, if BVMWD River Pickup not gated closed & is directed to ACE PP# 3 Afterbay (F1 now part of D1 value)						
	8) Total SAR Inflows, (Σ)G1 = A1+B1+C1+E1, if BVMWD River Pickup gated closed ("Y" for "yes") water is bypassed to SAR (F1 now part of D1 value)						
	9) Greenspot Pipeline, (Σ)U1 = M1 +N1+O1+P1+Q1+R1+S1+T1						
	10) Total SAR Deliveries, (Σ)N2 = U1+V1+W1+D1-I1+B1+H2+L2						
	11) Total Mill Creek Inflows, (Σ)D3 = A3+B3+C3						
	12) M/C #1 Penstock Flow, (Σ)E3 = T3						
	13) M/C #1 Penstock Flow, (Σ)E3 = A3 + B3						
	14) SBVWCD Mill Cr Diversion (Σ)C3 = E3+F3						
	15) Yucaipa Pipeline, (Σ)K3 = I3 + J3						
	16) SBVWCD Spreading, (Σ)O3 = N3 + M3 + L3						
	17) Seven Oaks Dam Release = Z1 = D1 - F1						

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-08-09

Time: 0630

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	27.7	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.4	SARC West	0.0
Exchange Water	0.0	Northfork Canal	6.8	Zanja	0.0
Purchased Water	³⁾ 10.4	Edwards Canal	0.0	Tate Treatment Plant	6.0
Construction In-lieu	0.0	Redlands Aqueduct	13.6	SBCFCD Grove	1.3
Recharge Project	0.0	Crafton Unger Lane	0.0	Newport for BVMWC	0.0
Total SWP Inflows	38.1	Total SWP Deliveries	38.1	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.7
BVMWC Highline	5.7	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.7
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	3.3
Greenspot Spill	2.9	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.0
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	^{a)} 1.24	Tate Pump Station to Zanja	0.0	Edwards Canal	0.0
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	8.4	Redlands Aqueduct Weir	6.2	Northfork Parshall Flume	0.0
Total SAR Inflows	11.7	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
		Redlands Sandbox Spill	0.0	Cuttle Weir	0.0
		Total SAR Deliveries	¹⁾ 11.7		

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	8.6	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	8.6
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	6.3
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	0.0	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	8.6	East Weir (MC)	0.0	East Weir to Zanja	2.3
Observation at Garnet Bridge	4.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	1.5
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	8.6	Total MC Deliveries	²⁾ 8.6		
Mentone Reser. Level (23.0)	20.0	Crafton Reser. Level (21.3)	20.4		

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	82		344	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - Per fish release.
- SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- Added purchased water for SBVWCD

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-04-09

Time: 0600

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	39.6	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.4	SARC West	0.0
Exchange Water	0.0	Northfork Canal	6.9	Zanja	0.0
Purchased Water	³⁾ 10.4	Edwards Canal	0.0	Tate Treatment Plant	9.0
Construction In-lieu	0.0	Redlands Aqueduct	13.5	SBCFCD Grove	1.3
Recharge Project	0.0	Crafton Unger Lane	8.3	Newport for BVMWC	0.6
Total SWP Inflows	50.0	Total SWP Deliveries	50.0	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.3
BVMWC Highline	5.3	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.3
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	2.2
Greenspot Spill	2.5	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.9
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	a) 1.24	Tate Pump Station to Zanja	0.0	Edwards Canal	0.9
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	7.8	Redlands Aqueduct Weir	4.9	Northfork Parshall Flume	0.0
Total SAR Inflows	10.9	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
		Redlands Sandbox Spill	0.0	Cuttle Weir	0.0
Mill Creek		Total SAR Deliveries			1) 10.9

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	0.9	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	0.9
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	0.0
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	0.0	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	0.9	East Weir (MC)	0.0	East Weir to Zanja	0.9
Observation at Garnet Bridge	10.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	6.9
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	0.9	Total MC Deliveries	²⁾ 0.9		
Mentone Reser. Level (23.0)	21.9	Crafton Reser. Level (21.3)	18.7		

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	21		262	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- 1) Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- 2) Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - a) Per fish release.

SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- 3) Added purchased water for SBVWCD

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-03-09

Time: 0635

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	40.3	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.5	SARC West	0.0
Exchange Water	0.0	Northfork Canal	7.0	Zanja	0.0
Purchased Water	³⁾ 10.5	Edwards Canal	0.0	Tate Treatment Plant	9.0
Construction In-lieu	0.0	Redlands Aqueduct	13.6	SBCFCD Grove	1.4
Recharge Project	0.0	Crafton Unger Lane	8.4	Newport for BVMWC	0.9
Total SWP Inflows	50.8	Total SWP Deliveries	50.8	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.4
BVMWC Highline	5.4	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.4
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	1.7
Greenspot Spill	3.0	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.9
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	^{a)} 1.25	Tate Pump Station to Zanja	0.0	Edwards Canal	0.9
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	8.9	Redlands Aqueduct Weir	5.4	Northfork Parshall Flume	0.0
Total SAR Inflows	11.5	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
		Redlands Sandbox Spill	0.0	Cuttle Weir	0.0
		Total SAR Deliveries	¹⁾ 11.5		

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	1.0	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	1.0
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	0.0
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	0.0	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	1.0	East Weir (MC)	0.0	East Weir to Zanja	1.0
Observation at Garnet Bridge	10.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	6.7
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	1.0	Total MC Deliveries	²⁾ 1.0		
Mentone Reser. Level (23.0)	22.2	Crafton Reser. Level (21.3)	17.7		

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	21		241	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- 1) Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- 2) Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - a) Per fish release.

SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- 3) Added purchased water for SBVWCD

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-02-09

Time: 0635

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	30.4	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.4	SARC West	0.0
Exchange Water	0.0	Northfork Canal	6.6	Zanja	0.0
Purchased Water	³⁾ 10.4	Edwards Canal	0.0	Tate Treatment Plant	3.0
Construction In-lieu	0.0	Redlands Aqueduct	13.5	SBCFCD Grove	1.4
Recharge Project	0.0	Crafton Unger Lane	5.0	Newport for BVMWC	0.9
Total SWP Inflows	40.8	Total SWP Deliveries	40.8	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.4
BVMWC Highline	5.4	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.4
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	1.8
Greenspot Spill	2.9	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.9
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	^{a)} 1.14	Tate Pump Station to Zanja	0.0	Edwards Canal	0.9
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	8.8	Redlands Aqueduct Weir	5.3	Northfork Parshall Flume	0.0
Total SAR Inflows	11.4	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
		Redlands Sandbox Spill	0.0	Cuttle Weir	0.0
				Total SAR Deliveries	¹⁾ 11.4

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	10.3	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	10.3
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	8.9
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	1.8	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	8.5	East Weir (MC)	0.0	East Weir to Zanja	1.4
Observation at Garnet Bridge	2.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	4.6
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	10.3	Total MC Deliveries	²⁾ 10.3		
Mentone Reser. Level (23.0)	20.3	Crafton Reser. Level (21.3)	16.3		

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	21		220	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - Per fish release.
- SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- Added purchased water for SBVWCD

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

State Water Project

Date: 09-01-09

Time: 0645

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
BBMWD In-lieu	29.9	EVWD Treatment Plant	0.0	BVMWC Boullioun Box	0.0
Muni test @ Greenspot Sta.	0.0	Santa Ana Low Turnout	10.4	SARC West	0.0
Exchange Water	0.0	Northfork Canal	6.3	Zanja	0.0
Purchased Water	³⁾ 10.4	Edwards Canal	0.0	Tate Treatment Plant	3.0
Construction In-lieu	0.0	Redlands Aqueduct	13.6	SBCFCD Grove	0.0
Recharge Project	0.0	Crafton Unger Lane	7.0	Newport for BVMWC	0.0
Total SWP Inflows	40.3	Total SWP Deliveries	40.3	M/C spreading @ ZT	0.0
				SOD Reservoir Elevation	NA
				Debris Pool Elevation	2200.00

Santa Ana River

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
PH #3 Penstock (CALC)	0.0	Greenspot Pipeline	0.0	BVMWC Highline	5.0
BVMWC Highline	5.0	SBCFCD Grove	0.0	Newport	0.0
Greenspot Pipeline	0.0	BVMWC Highline	0.0	Boullioun Box Weir	5.0
BVMWC River PU (USGS)	3.1	Newport for BVMWC	0.0	Gay Overflow	3.0
Greenspot Spill	1.8	SBVWCD Mill Creek Spreading	0.0	Boullioun Box to Zanja	0.0
Main River Gage (USGS)	0.0	Crafton WC Unger Lane	0.0	SBVWCD Mill Creek Spread	0.0
SBVWCD Diversion	0.0	BVMWC Highline to Boullioun	0.0	Tailrace Pipeline	0.0
Redlands Tunnel	0.2	Crafton WC Boullioun	0.0	Northfork Canal Weir	0.0
Big Bear Lake Release	^{a)} 1.23	Tate Pump Station to Zanja	0.0	Edwards Canal	0.0
PH#3 Penstock (SCADA)	0.0	SAR PH #3 Afterbay Spill	0.0	Tailrace Valve	0.0
SCE SAR AVM (SCADA)	7.0	Redlands Aqueduct Weir	5.1	Northfork Parshall Flume	0.0
Total SAR Inflows	9.9	SBVWCD Mill Creek Spreading	0.0	SBVWCD Parshall Flume	0.0
				Redlands Sandbox Spill	0.0
				Total SAR Deliveries	¹⁾ 9.9

Mill Creek

Inflows	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
M/C #1 Penstock Flow	10.4	Yucaipa Pipeline	0.0	Mill Creek #1 Flow (Cooley Hat)	10.4
Stream Parshall Flume to Yucaipa	0.0	Yucaipa Regional Park	0.0	Tate Inflow	5.3
SBVWCD Mill Creek Diversion	0.0	Wilson Creek Spreading	0.0	East Weir to Mill Creek	0.0
RPU Flow	1.4	SBVWCD Spreading	0.0	Boullioun to BVMWC Highline	0.0
M/C #3 Penstock	8.9	East Weir (MC)	0.0	East Weir to Zanja	5.1
Observation at Garnet Bridge	2.0	BVHL (SAR)	0.0	Zanja West Weir to CWC Canal	8.1
		Mill Creek Diversion (MC)	0.0	Mill Creek PH #2,3 Afterbay Spill	0.0
Total MC Inflows	10.4	Total MC Deliveries	²⁾ 10.4		
Mentone Reser. Level (23.0)	20.6	Crafton Reser. Level (21.3)	16.0		

SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)	Target
Santa Ana River	SAR	0		8,456	10,000
Santa Ana River	SWP	24		199	
Mill Creek	MC	0		4,450	8,000
Mill Creek	SWP			555	

Comments:

- 1) Total SAR Deliveries = Greenspot Pipeline + BVMWC Highline + North Fork Canal Weir + Edwards Canal + SBVWCD PF + Cuttle Weir + Redlands Aqueduct Weir + Redlands Aqueduct to Spreading + SAR PH#3 Afterbay Spill - Redlands Tunnel
- 2) Total MC Deliveries = Yucaipa Pipeline + Mill Creek Diversion + Cooley Hat
 - a) Per fish release.

SAR - On August 21, 2008, the agreement to waive the provisions of paragraph 5(e) of Exhibit A of the August 2005 Settlement Agreement among Valley District/Western and the Conservation District, in connection with application 31693 expired.
- 3) Added purchased water for SBVWCD