Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 30, 2012

Time: 0730

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	3.1	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	3.1	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	13.1	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	13.1
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	13.5	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.1	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.8
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.3
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.1
A4	**SAR Inflow-SubTotal-1**	17.6	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.9	(+)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**	4.1
Z1	**SOD ReleaseSubTotal D1+E1**	1.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.9
(Σ)G1	**SubTotal 1+2 SAR Inflows**	19.5	(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**	19.5	W1	Redlands Aqueduct / Sandbox	8.6	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.0
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	13.5				(Σ)N2	[1)]**Total SAR Deliveries**	19.5
L1	SCE SAR AVM (SCADA)	17.9						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	11.0
(+) A3	RPU Flow	6.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	8.6	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	3.9
(Σ) D3	**Total MC Inflows**	14.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.9
E3	M/C #1 Penstock Flow	14.9	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	14.9
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	4.4
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.6	Y3	Crafton Reser. Level (21.3)	17.7

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	91	32,625
D4	**Mill Creek**	**SWP**	H4	20	L4	454	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 29, 2012

Time: 0715

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	3.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	3.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	13.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	13.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.0	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.0
A4	**SAR Inflow-SubTotal-1**	16.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	2.7	(+)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**	4.0
Z1	**SOD ReleaseSubTotal D1+E1**	2.7	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.9
(Σ)G1	**SubTotal 1+2 SAR Inflows**	18.9	(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**	18.9	W1	Redlands Aqueduct / Sandbox	8.1	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.0
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	12.7				(Σ)N2	[1)]**Total SAR Deliveries**	18.9
L1	SCE SAR AVM (SCADA)	16.9						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) A3	RPU Flow	6.5	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	8.3	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.8
(Σ) D3	**Total MC Inflows**	14.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.8
E3	M/C #1 Penstock Flow	14.8	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	14.8
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	3.9
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	16.5

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0		O4	0	
B4	**Santa Ana River**	**SWP**	F4	0		J4	164	
C4	**Mill Creek**	**MC**	G4	1		K4	91	32,625
D4	**Mill Creek**	**SWP**	H4	20		L4	434	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 28, 2012

Time: 0800

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	3.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	3.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	13.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	2160.90	(Σ)V	**Total SWP Deliveries**	13.0
Santa Ana River				**SOD Reservoir Elevation**	2161.33		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	13.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.2	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	1.4
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.8
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.2
A4	**SAR Inflow-SubTotal-1**	17.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	2.8	(+)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**	4.2
Z1	**SOD ReleaseSubTotal D1+E1**	2.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	7.5
(Σ)G1	**SubTotal 1+2 SAR Inflows**	20.2	(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**	20.2	W1	Redlands Aqueduct / Sandbox	7.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.7
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	13.1				(Σ)N2	[1)]**Total SAR Deliveries**	20.2
L1	SCE SAR AVM (SCADA)	18.9						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	7.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) B3	M/C #3 Penstock	8.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	2.0
(+) 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**	15.9	(+)L3	East Weir (MC)	2.0	(+)S3	East Weir to Zanja	1.9
E3	M/C #1 Penstock Flow	15.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.9
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.9
G3	Observation at Garnet Bridge	0.5	(Σ)O3	**SBVWCD Spreading**	2.0	V3	Zanja West Weir to CWC Canal	2.8
H3			I3	Mentone Reser. Level (23.0)	21.0	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.4

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0		O4	0	
B4	**Santa Ana River**	**SWP**	F4	0		J4	164	
C4	**Mill Creek**	**MC**	G4	4		K4	90	32,625
D4	**Mill Creek**	**SWP**	H4	20		L4	415	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 27, 2012

Time: 0730

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	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	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	3.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	13.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	13.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.1	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.2
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.9
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.1
A4	**SAR Inflow-SubTotal-1**	16.8	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	2.5	(+)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**	4.1
Z1	**SOD ReleaseSubTotal D1+E1**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	4.9
(Σ)G1	**SubTotal 1+2 SAR Inflows**	19.3	(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**	19.3	W1	Redlands Aqueduct / Sandbox	9.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.0
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	13.1				(Σ)N2	[1)]**Total SAR Deliveries**	19.3
L1	SCE SAR AVM (SCADA)	17.5						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	6.8	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) B3	M/C #3 Penstock	8.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	2.0
(+) 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**	15.7	(+)L3	East Weir (MC)	2.0	(+)S3	East Weir to Zanja	1.7
E3	M/C #1 Penstock Flow	15.7	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.7
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.7
G3	Observation at Garnet Bridge	0.5	(Σ)O3	**SBVWCD Spreading**	2.0	V3	Zanja West Weir to CWC Canal	2.8
H3			I3	Mentone Reser. Level (23.0)	20.4	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						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	0		I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	SAR-MC	N4	0		O4	0	
B4	**Santa Ana River**	SWP	F4	0		J4	164	
C4	**Mill Creek**	MC	G4	5		K4	86	32,625
D4	**Mill Creek**	SWP	H4	20		L4	395	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	1	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	Total	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 26, 2012

Time: 0730

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.2	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.8
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	1.4	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	12.2	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	12.2
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.9	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.3	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.2
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.1
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.3
A4	**SAR Inflow-SubTotal-1**	17.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.3	(+)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**	4.3
Z1	**SOD ReleaseSubTotal D1+E1**	1.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	18.5	(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**	18.5	W1	Redlands Aqueduct / Sandbox	7.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.7
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	13.8				(Σ)N2	[1)]**Total SAR Deliveries**	18.5
L1	SCE SAR AVM (SCADA)	17.5						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	11.4
(+) A3	RPU Flow	3.4	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	1.0
(+) B3	M/C #3 Penstock	9.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	3.0	(+)L3	East Weir (MC)	1.0	(+)S3	East Weir to Zanja	0.0
(Σ) D3	**Total MC Inflows**	15.4	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	12.4
E3	M/C #1 Penstock Flow	12.4	(+)C3	Mill Creek Diversion (MC)	3.0	U3	**Total MC Deliveries**	15.4
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	4.0	V3	Zanja West Weir to CWC Canal	0.8
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.6	Y3	Crafton Reser. Level (21.3)	21.0

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0		O4	0	
B4	**Santa Ana River**	**SWP**	F4	0		J4	164	
C4	**Mill Creek**	**MC**	G4	30		K4	82	32,625
D4	**Mill Creek**	**SWP**	H4	99		L4	375	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

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	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	4.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	4.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	14.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	14.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.1	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.4
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.7
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.1
A4	**SAR Inflow-SubTotal-1**	16.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.3	(+)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**	4.1
Z1	**SOD ReleaseSubTotal D1+E1**	1.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.7
(Σ)G1	**SubTotal 1+2 SAR Inflows**	18.2	(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**	18.2	W1	Redlands Aqueduct / Sandbox	7.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.6
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	13.0				(Σ)N2	[1)]**Total SAR Deliveries**	18.2
L1	SCE SAR AVM (SCADA)	17.0						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	10.0
(+) A3	RPU Flow	6.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	3.0
(+) B3	M/C #3 Penstock	8.6	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	3.0	(+)S3	East Weir to Zanja	1.9
(Σ) D3	**Total MC Inflows**	14.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.9
E3	M/C #1 Penstock Flow	14.9	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	14.9
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	3.0	V3	Zanja West Weir to CWC Canal	3.9
G3	Observation at Garnet Bridge	1.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	16.3

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	6	K4	53	32,625
D4	**Mill Creek**	**SWP**	H4	20	L4	276	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

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	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	2.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	2.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	12.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	12.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.4	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.2
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.2
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.4
A4	**SAR Inflow-SubTotal-1**	17.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.7	(+)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**	4.4
Z1	**SOD ReleaseSubTotal D1+E1**	1.7	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	18.9	(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**	18.9	W1	Redlands Aqueduct / Sandbox	8.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.5
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	14.2				(Σ)N2	[1)]**Total SAR Deliveries**	18.9
L1	SCE SAR AVM (SCADA)	18.4						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) A3	RPU Flow	6.7	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	3.0
(+) B3	M/C #3 Penstock	8.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	3.0	(+)S3	East Weir to Zanja	0.5
(Σ) D3	**Total MC Inflows**	15.5	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.5
E3	M/C #1 Penstock Flow	15.5	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.5
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	3.0	V3	Zanja West Weir to CWC Canal	1.3
G3	Observation at Garnet Bridge	1.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.4	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	0	I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	6	K4	47	32,625
D4	**Mill Creek**	**SWP**	H4	20	L4	256	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 19, 2012

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	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	1.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	1.9	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	11.9	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	11.9
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.6	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.4	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.3
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.1
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.4
A4	**SAR Inflow-SubTotal-1**	17.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.9	(+)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**	4.4
Z1	**SOD ReleaseSubTotal D1+E1**	1.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	18.9	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	18.9	W1	Redlands Aqueduct / Sandbox	8.1	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.6
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	13.7				(Σ)N2	[1)]**Total SAR Deliveries**	18.9
L1	SCE SAR AVM (SCADA)	17.6						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) A3	RPU Flow	6.7	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	3.0
(+) B3	M/C #3 Penstock	9.3	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	1.0
(Σ) D3	**Total MC Inflows**	16.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.0
E3	M/C #1 Penstock Flow	16.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	16.0
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	1.6
G3	Observation at Garnet Bridge	3.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	18.3

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	4	I4	363	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	41	32,625
D4	**Mill Creek**	**SWP**	H4	60	L4	236	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	3	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	3
	Flow in the River Above Alabama	**Total**	3	**Flowing Beyond Alabama**	0		**Total River Recharge**	3

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 16, 2012

Time: 0730

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	8.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	10.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	2.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	20.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	20.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	12.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	4.2	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.4
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.8
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	4.2
A4	**SAR Inflow-SubTotal-1**	16.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	2.7	(+)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**	4.2
Z1	**SOD ReleaseSubTotal D1+E1**	2.7	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	19.1	(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	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	19.1	W1	Redlands Aqueduct / Sandbox	8.6	(+)K2	Northfork Parshall Flume	6.8
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.8
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	6.8
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	12.1				(Σ)N2	[1)]**Total SAR Deliveries**	19.1
L1	SCE SAR AVM (SCADA)	16.1						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) A3	RPU Flow	6.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	9.4	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	3.7
(Σ) D3	**Total MC Inflows**	16.2	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.7
E3	M/C #1 Penstock Flow	15.7	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	16.2
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.5	V3	Zanja West Weir to CWC Canal	3.3
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.3	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	13	I4	359	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	1	K4	41	32,625
D4	**Mill Creek**	**SWP**	H4	20	L4	176	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

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	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	8.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	14.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	2.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	24.0	(+)N	[1]BVMWC Boullioun Box	4.0			0.0
				Observation at SOD	2156.80	(Σ)V	**Total SWP Deliveries**	24.0
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	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	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	2.7	(+)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**	3.0
Z1	**SOD ReleaseSubTotal D1+E1**	2.7	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.7	W1	Redlands Aqueduct / Sandbox	0.5	(+)K2	Northfork Parshall Flume	2.7
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	2.7
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.7
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	0.0				(Σ)N2	[1)]**Total SAR Deliveries**	2.7
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
(+) A3	RPU Flow	5.2	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	9.1	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	2.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.3
(Σ) D3	**Total MC Inflows**	16.3	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.3
E3	M/C #1 Penstock Flow	14.3	(+)C3	Mill Creek Diversion (MC)	2.0	U3	**Total MC Deliveries**	16.3
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	2.0	V3	Zanja West Weir to CWC Canal	2.3
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	18.9	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	5	I4	347	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	4	K4	40	32,625
D4	**Mill Creek**	**SWP**	H4	20	L4	157	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

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	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	8.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	14.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	2.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	24.0	(+)N	[1]BVMWC Boullioun Box	4.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	24.0
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	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.5
(+)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	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.9	(+)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**	2.5
Z1	**SOD ReleaseSubTotal D1+E1**	1.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	1.9	(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**	1.9	W1	Redlands Aqueduct / Sandbox	0.5	(+)K2	Northfork Parshall Flume	1.1
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	1.9
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	1.1
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	0.0				(Σ)N2	[1)]**Total SAR Deliveries**	1.9
L1	SCE SAR AVM (SCADA)	0.0						

				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	5.3	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	8.9	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.2
(+) C3	SBVWCD Mill Creek Diversion	2.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.2
(Σ) D3	**Total MC Inflows**	16.2	(+)C3	Mill Creek Diversion (MC)	2.0	U3	**Total MC Deliveries**	16.2
E3	M/C #1 Penstock Flow	14.2	(Σ)O3	**SBVWCD Spreading**	2.0	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	0.5						
H3			I3	Mentone Reser. Level (23.0)	20.2	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	2		I4	342	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0		O4	0	
B4	**Santa Ana River**	**SWP**	F4	0		J4	164	
C4	**Mill Creek**	**MC**	G4	6		K4	36	32,625
D4	**Mill Creek**	**SWP**	H4	20		L4	137	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

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	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	9.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	5.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	19.0	(+)N	[1]BVMWC Boullioun Box	4.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	19.0
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	0.0	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.9
(+)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	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	1.9	(+)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**	2.9
Z1	**SOD ReleaseSubTotal D1+E1**	1.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	1.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	1.9	(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**	1.9	W1	Redlands Aqueduct / Sandbox	0.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	1.9
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	0.0				(Σ)N2	[1)]**Total SAR Deliveries**	1.9
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	7.0
(+) A3	RPU Flow	0.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	9.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	5.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.8
(Σ) D3	**Total MC Inflows**	14.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	9.8
E3	M/C #1 Penstock Flow	9.8	(+)C3	Mill Creek Diversion (MC)	5.0	U3	**Total MC Deliveries**	14.8
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	5.0	V3	Zanja West Weir to CWC Canal	3.9
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.3	Y3	Crafton Reser. Level (21.3)	19.8

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	1	I4	340	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	30	K4	30	32,625
D4	**Mill Creek**	**SWP**	H4	79	L4	117	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 9, 2012

Time: 0630

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	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	4.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	4.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	14.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	14.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	15.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	6.1	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	5.5
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.6
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	6.1
A4	**SAR Inflow-SubTotal-1**	21.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	6.1
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	25.3	(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	0.0	(+) J2	Tailrace Valve	2.1
(Σ)A5	**Total SAR Inflows**	25.3	W1	Redlands Aqueduct / Sandbox	11.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.1
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.1
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	21.9				(Σ)N2	[1)]**Total SAR Deliveries**	25.3
L1	SCE SAR AVM (SCADA)	27.9						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.5
(+) A3	RPU Flow	10.6	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.5
(+) B3	M/C #3 Penstock	9.3	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	5.9
(Σ) D3	**Total MC Inflows**	19.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.9
E3	M/C #1 Penstock Flow	19.9	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	19.9
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	8.6
G3	Observation at Garnet Bridge	1.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.8	Y3	Crafton Reser. Level (21.3)	15.0

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	4	I4	339	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	0	32,625
D4	**Mill Creek**	**SWP**	H4	20	L4	38	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 8, 2012

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	4.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	10.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	10.0	(+)M	[1]Crafton Unger Lane	4.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	14.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	14.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	9.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	6.1	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.7
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	3.4
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	6.1
A4	**SAR Inflow-SubTotal-1**	15.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)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**	6.1
Z1	**SOD ReleaseSubTotal D1+E1**	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.3
(Σ)G1	**SubTotal 1+2 SAR Inflows**	19.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	2.2
(Σ)A5	**Total SAR Inflows**	19.4	W1	Redlands Aqueduct / Sandbox	5.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.5
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.2
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	10.7				(Σ)N2	[1)]**Total SAR Deliveries**	19.4
L1	SCE SAR AVM (SCADA)	16.8						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.5
(+) A3	RPU Flow	7.1	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	9.5	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	3.1
(Σ) D3	**Total MC Inflows**	16.6	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.6
E3	M/C #1 Penstock Flow	16.6	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	16.6
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	4.6
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.4	Y3	Crafton Reser. Level (21.3)	15.0

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	4	I4	335	54,375
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	0	32,625
D4	**Mill Creek**	**SWP**	H4	18	L4	18	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 7, 2012

Time: 0745

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	2.0	(+)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	2.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	2.0
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)	8.1	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	5.8	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.8
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	3.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	5.8
A4	**SAR Inflow-SubTotal-1**	13.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	5.8
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.4
(Σ)G1	**SubTotal 1+2 SAR Inflows**	17.3	(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	0.0	(+) J2	Tailrace Valve	2.3
(Σ)A5	**Total SAR Inflows**	17.3	W1	Redlands Aqueduct / Sandbox	4.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.7
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.3
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	9.9				(Σ)N2	[1)]**Total SAR Deliveries**	17.3
L1	SCE SAR AVM (SCADA)	15.5						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.4
(+) A3	RPU Flow	6.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	8.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.3
(Σ) D3	**Total MC Inflows**	15.7	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.7
E3	M/C #1 Penstock Flow	15.7	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.7
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	2.1
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.5	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	5	I4	330	10400/30000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	0	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 6, 2012

Time: 0715

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.8	(+)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	0.8
(+)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**	2.8	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	2.8
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)	7.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	6.0	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.8
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	3.2
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	6.0
A4	**SAR Inflow-SubTotal-1**	13.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.0	(+)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**	6.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.1
(Σ)G1	**SubTotal 1+2 SAR Inflows**	16.2	(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	2.0
(Σ)A5	**Total SAR Inflows**	16.2	W1	Redlands Aqueduct / Sandbox	2.6	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.2
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.0
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	9.2				(Σ)N2	[1)]**Total SAR Deliveries**	16.2
L1	SCE SAR AVM (SCADA)	14.7						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.4
(+) A3	RPU Flow	6.8	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	8.9	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.3
(Σ) D3	**Total MC Inflows**	15.7	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.7
E3	M/C #1 Penstock Flow	15.7	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.7
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	2.1
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.4	Y3	Crafton Reser. Level (21.3)	17.1

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	4	I4	326	10400/30000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	0	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 5, 2012

Time: 0715

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.8	(+)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	0.8
(+)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**	2.8	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	2.8
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)	8.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	5.8	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.8
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	3.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	5.8
A4	**SAR Inflow-SubTotal-1**	14.5	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.2	(+)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**	5.8
Z1	**SOD ReleaseSubTotal D1+E1**	3.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	4.9
(Σ)G1	**SubTotal 1+2 SAR Inflows**	17.7	(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	1.9
(Σ)A5	**Total SAR Inflows**	17.7	W1	Redlands Aqueduct / Sandbox	4.6	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.9
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	1.9
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	10.4				(Σ)N2	[1)]**Total SAR Deliveries**	17.7
L1	SCE SAR AVM (SCADA)	16.5						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.0
(+) A3	RPU Flow	6.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	8.9	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.8
(Σ) D3	**Total MC Inflows**	15.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.8
E3	M/C #1 Penstock Flow	15.8	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.8
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	2.6
G3	Observation at Garnet Bridge	0.5				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.2	Y3	Crafton Reser. Level (21.3)	17.0

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	11	I4	322	10400/30000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	0	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	1	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	1
	Flow in the River Above Alabama	**Total**	1	**Flowing Beyond Alabama**	0		**Total River Recharge**	1

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 2, 2012

Time: 0730

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	8.5	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	5.9	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.3
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	3.6
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	5.9
A4	**SAR Inflow-SubTotal-1**	14.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)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**	5.9
Z1	**SOD ReleaseSubTotal D1+E1**	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.1
(Σ)G1	**SubTotal 1+2 SAR Inflows**	17.9	(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	0.5	(+) J2	Tailrace Valve	2.2
(Σ)A5	**Total SAR Inflows**	17.9	W1	Redlands Aqueduct / Sandbox	3.6	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.3
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.2
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	9.2				(Σ)N2	[1)]**Total SAR Deliveries**	17.9
L1	SCE SAR AVM (SCADA)	14.9						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.0
(+) A3	RPU Flow	6.8	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	2.0
(+) B3	M/C #3 Penstock	8.9	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.7
(Σ) D3	**Total MC Inflows**	15.7	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.7
E3	M/C #1 Penstock Flow	15.7	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	15.7
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.5
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.0	Y3	Crafton Reser. Level (21.3)	18.2

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	4	I4	310	10400/30000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	164	
C4	**Mill Creek**	**MC**	G4	0	K4	0	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: November 1, 2012

Time: 1130

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	7.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	5.8	(+)N1	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.2
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	3.6
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	5.8
A4	**SAR Inflow-SubTotal-1**	13.6	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)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**	5.8
Z1	**SOD ReleaseSubTotal D1+E1**	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.1
(Σ)G1	**SubTotal 1+2 SAR Inflows**	17.1	(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	0.5	(+) J2	Tailrace Valve	2.3
(Σ)A5	**Total SAR Inflows**	17.1	W1	Redlands Aqueduct / Sandbox	2.8	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.4
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	2.3
J1	[a]Big Bear Lake Release	1.8	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	9.0				(Σ)N2	[1)]**Total SAR Deliveries**	17.1
L1	SCE SAR AVM (SCADA)	14.5						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.0
(+) A3	RPU Flow	7.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	2.0
(+) B3	M/C #3 Penstock	9.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	1.0
(Σ) D3	**Total MC Inflows**	16.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.0
E3	M/C #1 Penstock Flow	16.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	16.0
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.4	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	5		I4	306	10400/30000
M4	**Santa Ana Rvr to Mill Creek**	SAR-MC	N4	0		O4	0	
B4	**Santa Ana River**	SWP	F4	0		J4	164	
C4	**Mill Creek**	MC	G4	0		K4	0	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge** [18]	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge** [19]	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2