

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/1/2015

Time: 6:45:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	15.6
N2	Total SAR Deliveries	15.6
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	4.8
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	1.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	1.0
W1	Redlands Aqueduct/Sandbox	9.8

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.6
U3	Total MC Deliveries	7.6
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	7.6

Reservoir Levels	Feet
Observation at SOD	2146.2
Crafton Reservoir Level (21.3)	17.5
Mentone Reservoir Level	19.5

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	19.9
V	Total SWP Deliveries	19.9
J	Northfork Canal	10.4
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	2.9
T	Newport to BVMWC	0.6

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	2,982	123,000
Santa Ana River to Mill Creek	SAR-MC	134	0
Santa Ana River	SWP	81	0
Mill Creek	MC	1,080	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased

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State Water Project

Inflows			Deliveries		
A	BBMWD In-lieu	19.9	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	10.4
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	2.9
G	Total SWP Inflows	19.9	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.6
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	19.9

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows				
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		8.0	A1	SAR PH #3 Penstock (calc)	0.0	
H2	Edwards Canal	1.0	D2	Boullioun Box Weir	4.8	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	4.8	
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal			8.0	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	Seven Oaks Dam				D1	BVMWC River PU (USGS)	8.0	
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	4.8					F1	Greenspot Spill	2.8	
W1	Redlands Aqueduct / Sandbox	9.8	Other			w	Observation at SOD		2146.2	E1	Main River Gage (USGS)	0.0	
Y1	Redlands Sandbox Spill	0.3				J1	Big Bear Lake Release	1.5	x	SOD Reservoir Elevation (scada)		2151.3	D1a
minus			L1	SCE SAR AVM (SCADA)	8.1	y	Debris Pool Elevation		0.0	A5	Total SAR Inflows	15.6	
F1	Greenspot Spill	2.8	X1	SAR-MC Spread (Red. Aqueduct)	0.0								
D1	BVMWC River PU (USGS)	8.0											
I1	Redlands Tunnel	0.3											
A1	SAR PH #3 Penstock (calc)	0.0											
K1	PH3# Penstock (SCADA)	0.0											

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	1.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	1.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	4.8
		minus
B2	Gay Overflow	2.1
C2	Irrigation	2.7

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	9.8
Y1	Redlands Sandbox Spill	0.3
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	4.8
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	1.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	15.6

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	3.2
B3	M/C #3 Penstock	4.4
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	7.6

Other		
E3	M/C #1 Penstock Flow	7.6
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	4.3	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	19.5
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	7.6	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	3.3	u3	Total MC Deliveries	7.6	v3	Zanja West Weir to CWC Canal	1.9
			t3	MC #1 Flow (Cooley Hat)	7.6				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	17.5

SBVWCD MC Spreading

C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	2,982.1	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	133.7		
B4	Santa Ana River	SWP	F4	0.0	J4	81.0		
C4	Mill Creek	MC	G4	0.0	K4	1,080.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/2/2015

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	15.6
N2	Total SAR Deliveries	15.6
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	4.7
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	1.0
W1	Redlands Aqueduct (calc)	9.9

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	17.1
V	Total SWP Deliveries	17.1
J	Northfork Canal	8.1
L	Redlands Aqueduct	5.9
M	Crafton Unger Lane	3.1
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.2
U3	Total MC Deliveries	7.2
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	7.2

Reservoir Levels	Feet
Observation at SOD	2144.45
Crafton Reservoir Level (21.3)	18.2
Mentone Reservoir Level	19.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	0	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	0	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/2/2015

Time: 7:00:00 AM

State Water Project

Inflows			Deliveries					
A	BBMWD In-lieu	17.1	H	EVWD Treatment Plant	0.0	P	SARC West	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	Q	Zanja	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1	R	Tate Treatment Plant	0.0
D	Purchased Water	0.0	K	Edwards Canal	0.0	S	SBCFCD Grove	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	5.9	T	Newport for BVMWC	0.0
F	Recharge Project	0.0	M	Crafton Unger Lane	3.1	U	M/C spreading at Zanja Tate	0.0
G	Total SWP Inflows	17.1	N	BVMWC Bouillion Box	0.0	V	Total SWP Deliveries	17.1

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows					
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		7.1	A1	SAR PH #3 Penstock (calc)	0.0		
H2	Edwards Canal	1.0	D2	Boullioun Box Weir	4.7	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	4.7		
J1	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		7.1	C1	Greenspot Pipeline	0.0		
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	Seven Oaks Dam			D1	BVMWC River PU (USGS)		7.1		
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline					4.7	F1	Greenspot Spill		3.8	
W1	Redlands Aqueduct / Sandbox	9.9	Other			W	Observation at SOD		2144.5	E1	Main River Gage (USGS)		0.0	
Y1	Redlands Sandbox Spill	0.3				J1	Big Bear Lake Release		1.5	X	SOD Reservoir Elevation (scada)		2151.3	D1a
minus			L1	SCE SAR AVM (SCADA)		8.8	Y	Debris Pool Elevation		0.0	A5	Total SAR Inflows		15.6
F1	Greenspot Spill	3.8	X1	SAR-MC Spread (Red. Aqueduct)		0.0								
D1	BVMWC River PU (USGS)	7.1												
I1	Redlands Tunnel	0.3												
A1	SAR PH #3 Penstock (calc)	0.0												
K1	PH3# Penstock (SCADA)	0.0												

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	1.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	1.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	4.7
	minus	
B2	Gay Overflow	1.9
C2	Irrigation	2.8

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	9.9
Y1	Redlands Sandbox Spill	0.3
Z1	Cuttle Weir To River	0.0
B2	BVMWC Highline	4.7
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	1.0
L2	SBVWCD Parshall Flume	0.0
	minus	
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	15.6

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	3.3	E3	M/C #1 Penstock Flow	7.2
B3	M/C #3 Penstock	3.9	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	7.2			

Mill Creek Deliveries

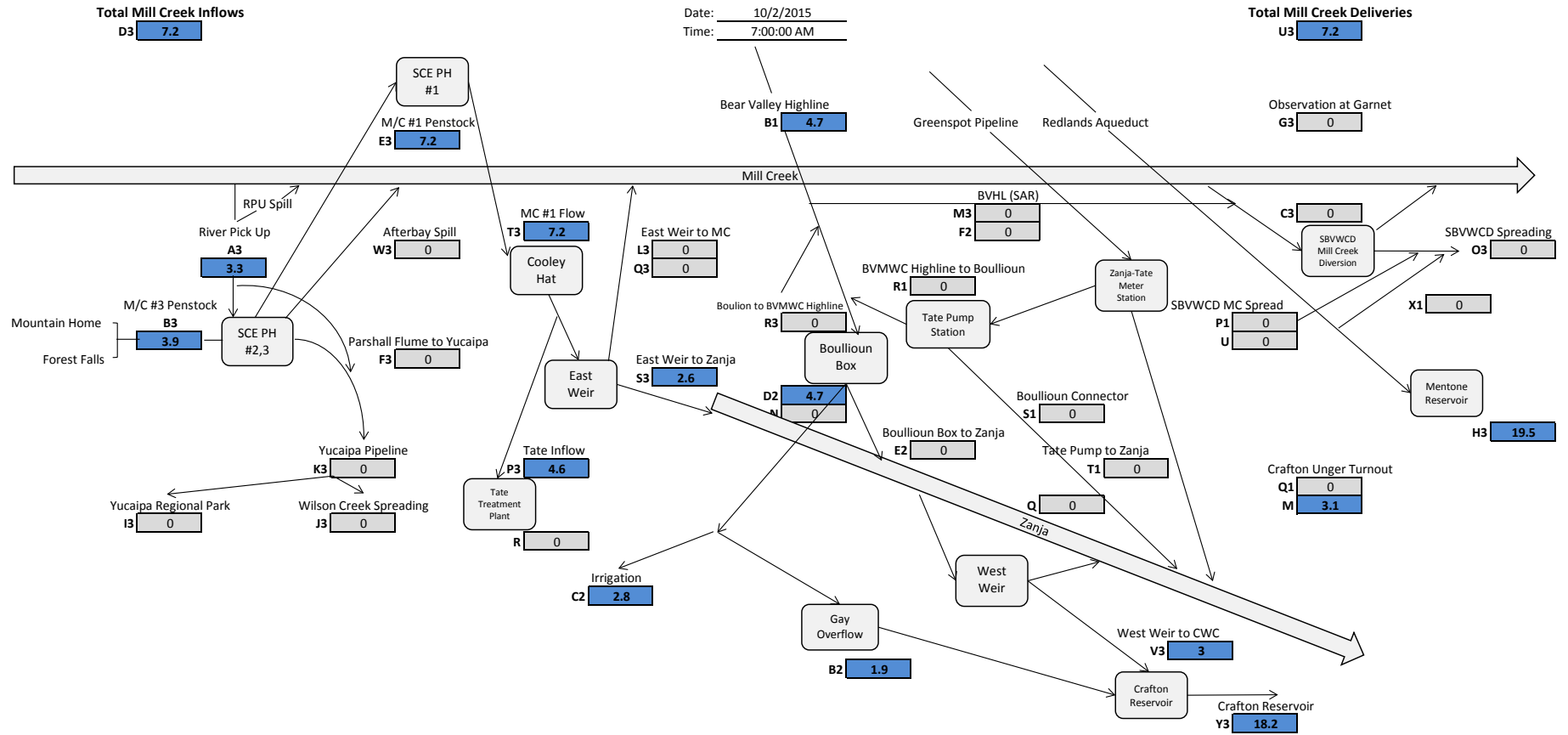
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	4.6	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	19.5
j3	Wilson Creek Spreading	0.0	o3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	7.2	v3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	2.6	u3	Total MC Deliveries	7.2	v3	Zanja West Weir to CWC Canal	3.0
SBVWCD MC Spreading			t3	MC #1 Flow (Cooley Hat)	7.2				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
								y3	Crafton Reservoir Level (21.3)	18.2	

SBVWCD Recharge

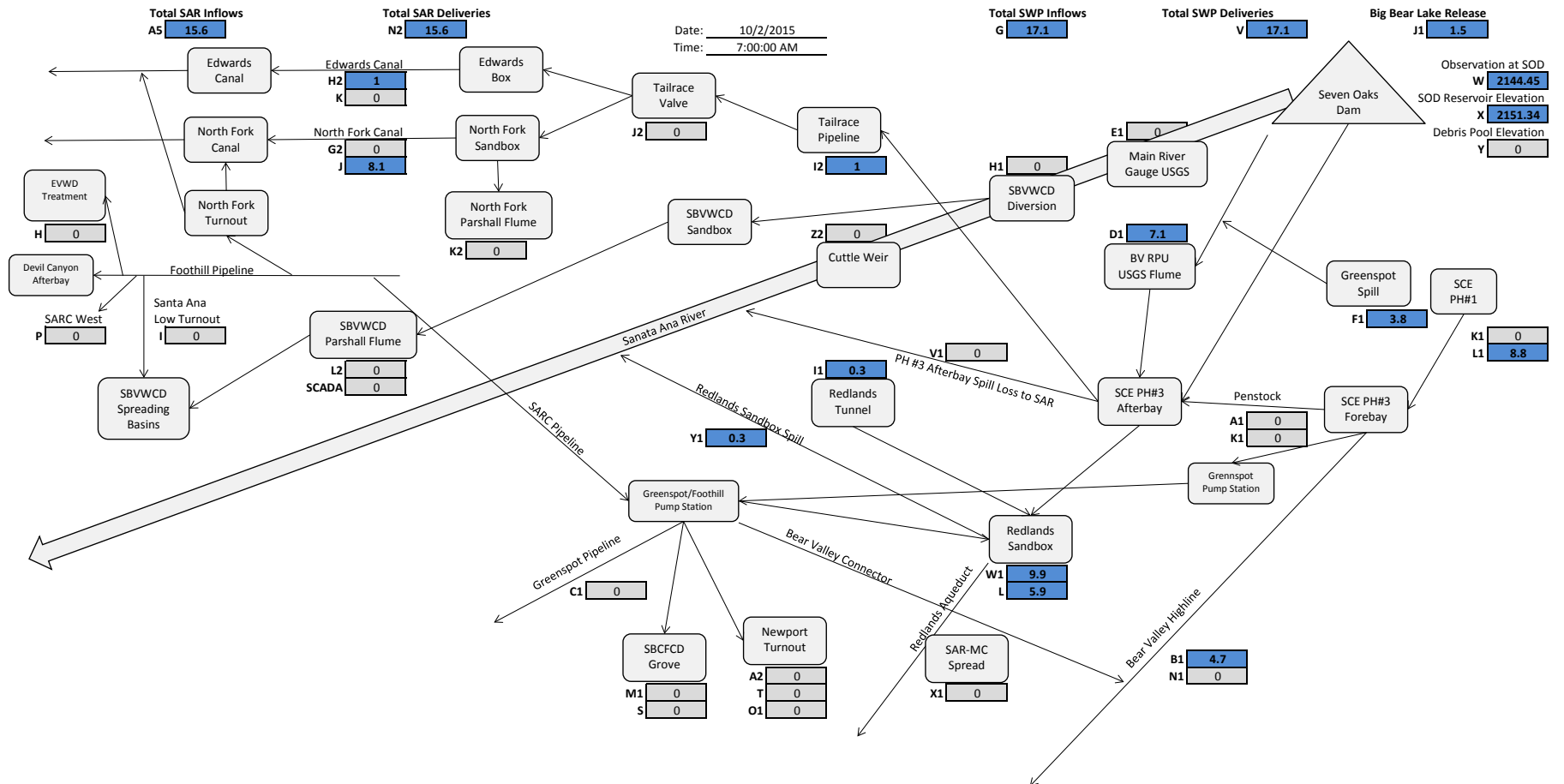
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	0.0	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	0.0	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cattle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/5/2015

Time: 7:30:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	7.3
N2	Total SAR Deliveries	7.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	6.5
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.8
W1	Redlands Aqueduct (calc)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	15.0
V	Total SWP Deliveries	15.0
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	1.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	4.0
U3	Total MC Deliveries	4.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	4.0
T3	MC #1 Flow (Cooley Hat)	0.0

Reservoir Levels	Feet
Observation at SOD	2145
Crafton Reservoir Level (21.3)	18.7
Mentone Reservoir Level	20.4

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	9	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	0	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/5/2015
Time: 7:30:00 AM

State Water Project

Inflows			Deliveries		
A	BBMWD In-lieu	15.0	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	15.0	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	1.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	15.0

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		7.3	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	0.0
J2	Tailrace Valve to Parshall Flume	6.5	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		7.3	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	7.3
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 0.0						F1	Greenspot Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2				Seven Oaks Dam				E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.1				w	Observation at SOD		2145.0	D1a	BV Pick-Up gated	☐
minus						x	SOD Reservoir Elevation (scada)		2151.3	A5	Total SAR Inflows 7.3	
F1	Greenspot Spill	0.0	Other			y	Debris Pool Elevation		0.0			
D1	BVMWC River PU (USGS)	7.3	J1	Big Bear Lake Release	1.5							
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	0.0							
A1	SAR PH #3 Penstock (calc)	0.0	X1	SAR-MC Spread (Red. Aqueduct)	0.0							
K1	PH3# Penstock (SCADA)	0.0										

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.8
J2	Tailrace Valve to Parshall Flume	6.5
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	7.3

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	6.5
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	6.5
	Parshall Flume (SCADA)	6.3

Irrigation		
D2	Boullioun Box Weir	0.0
		minus
B2	Gay Overflow	0.9
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	7.3
L2	SBVWCD Parshall Flume	6.5
		minus
J2	Tailrace Valve to Parshall Flume	6.5
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	7.3

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	0.0
B3	M/C #3 Penstock	0.0
C3	SBVWCD Mill Creek Diversion	4.0
D3	Total MC Inflows	4.0

Other		
E3	M/C #1 Penstock Flow	0.0
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

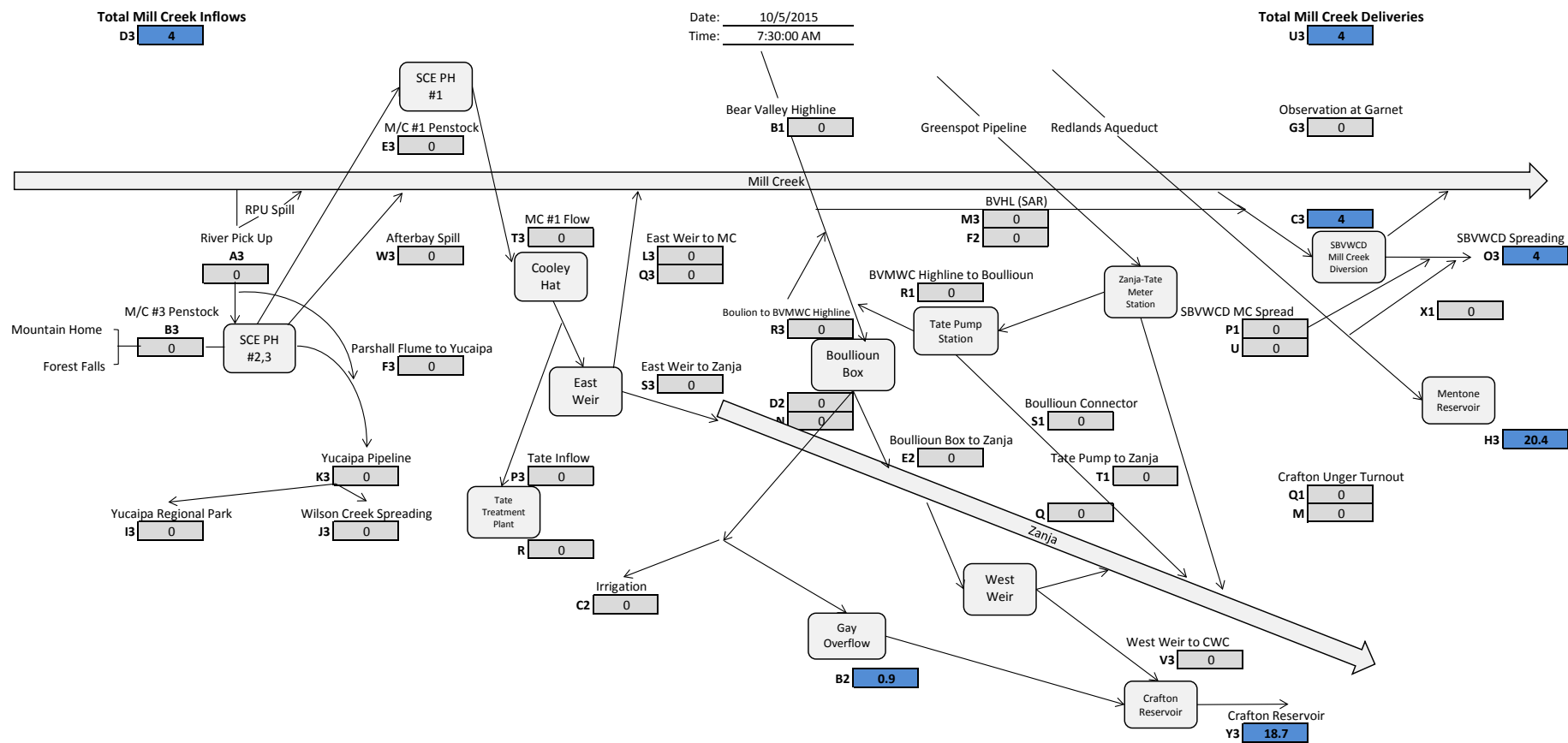
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	0.0	C3	SBVWCD Mill Creek Diversion	4.0	H3	Mentone Reservoir Level	20.4
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	0.0	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.0	U3	Total MC Deliveries	4.0	V3	Zanja West Weir to CWC Canal	0.0
			T3	MC #1 Flow (Cooley Hat)	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									Y3	Crafton Reservoir Level (21.3)	18.7

SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	4.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	4.0

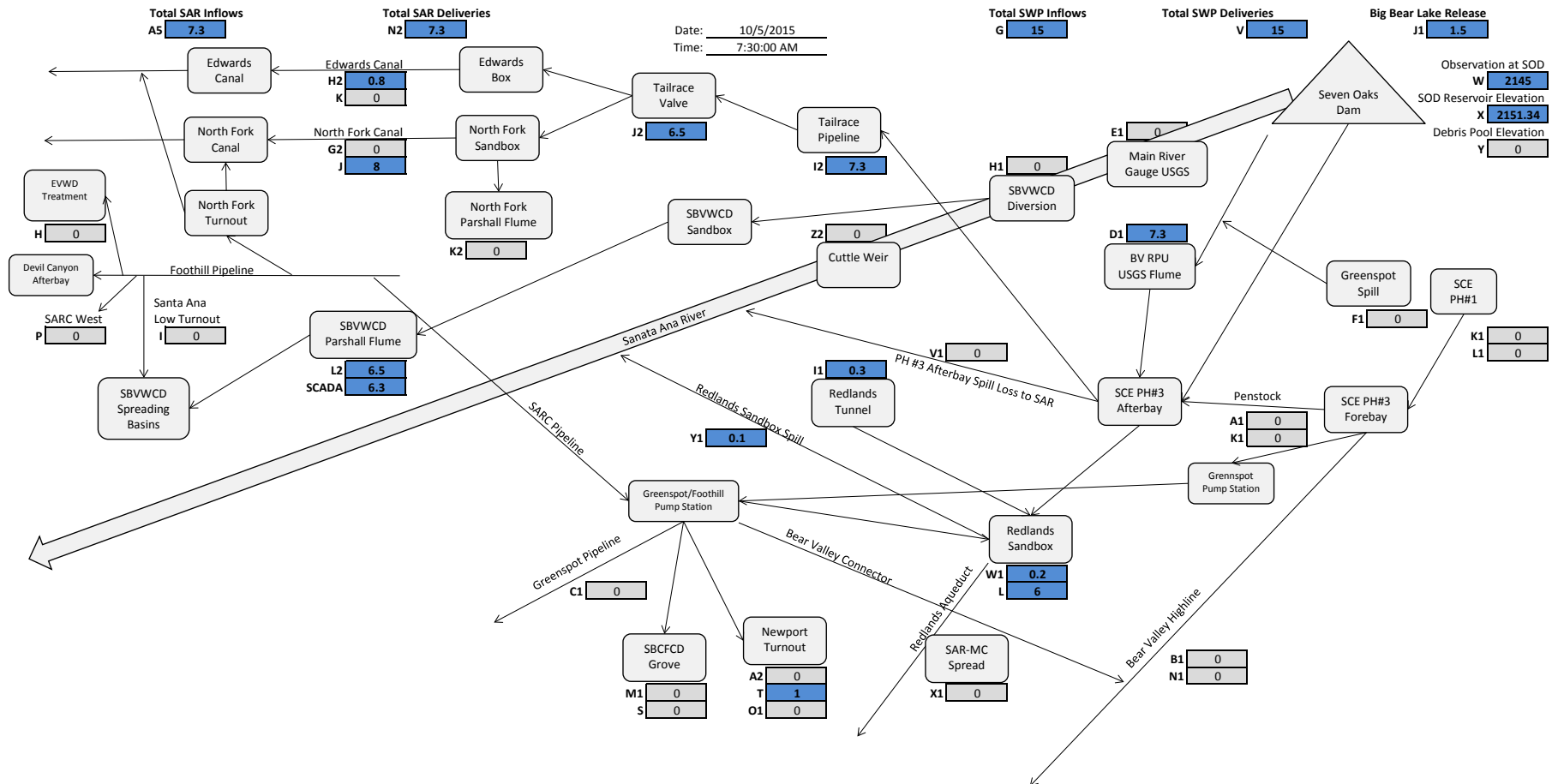
SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	9.0	I4	9.0	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	0.0	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project
Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/6/2015

Time: 6:50:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	7.3
N2	Total SAR Deliveries	7.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	6.7
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.6
W1	Redlands Aqueduct (calc)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.2
V	Total SWP Deliveries	14.2
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.2
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.2
U3	Total MC Deliveries	7.2
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	3.0
T3	MC #1 Flow (Cooley Hat)	4.2

Reservoir Levels	Feet
Observation at SOD	2145
Crafton Reservoir Level (21.3)	19.2
Mentone Reservoir Level	19.8

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	9	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	7	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/6/2015
Time: 6:50:00 AM

State Water Project

Inflows		Deliveries			
A	BBMWD In-lieu	14.2	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.2
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.2	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.2

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		7.3	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.6	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	0.0
J2	Tailrace Valve to Parshall Flume	6.7	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		7.3	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	7.3
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 0.0						F1	Greenspot Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2				Seven Oaks Dam				E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.1				w	Observation at SOD		2145.0	D1a	BV Pick-Up gated	☐
minus						x	SOD Reservoir Elevation (scada)		2151.3	A5	Total SAR Inflows 7.3	
F1	Greenspot Spill	0.0	Other			y	Debris Pool Elevation		0.0			
D1	BVMWC River PU (USGS)	7.3	J1	Big Bear Lake Release	1.5							
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	0.0							
A1	SAR PH #3 Penstock (calc)	0.0	X1	SAR-MC Spread (Red. Aqueduct)	0.0							
K1	PH3# Penstock (SCADA)	0.0										

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.6
J2	Tailrace Valve to Parshall Flume	6.7
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	7.3

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	6.7
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	6.7
	Parshall Flume (SCADA)	6.7

Irrigation		
D2	Boullioun Box Weir	0.0
		minus
B2	Gay Overflow	0.9
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	7.3
L2	SBVWCD Parshall Flume	6.7
		minus
J2	Tailrace Valve to Parshall Flume	6.7
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	7.3

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	0.0	E3	M/C #1 Penstock Flow	4.2
B3	M/C #3 Penstock	4.2	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	3.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	7.2			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	0.0	c3	SBVWCD Mill Creek Diversion	3.0	h3	Mentone Reservoir Level	19.8
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	4.2	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	4.2	u3	Total MC Deliveries	7.2	v3	Zanja West Weir to CWC Canal	2.5
			t3	MC #1 Flow (Cooley Hat)	4.2				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	19.2

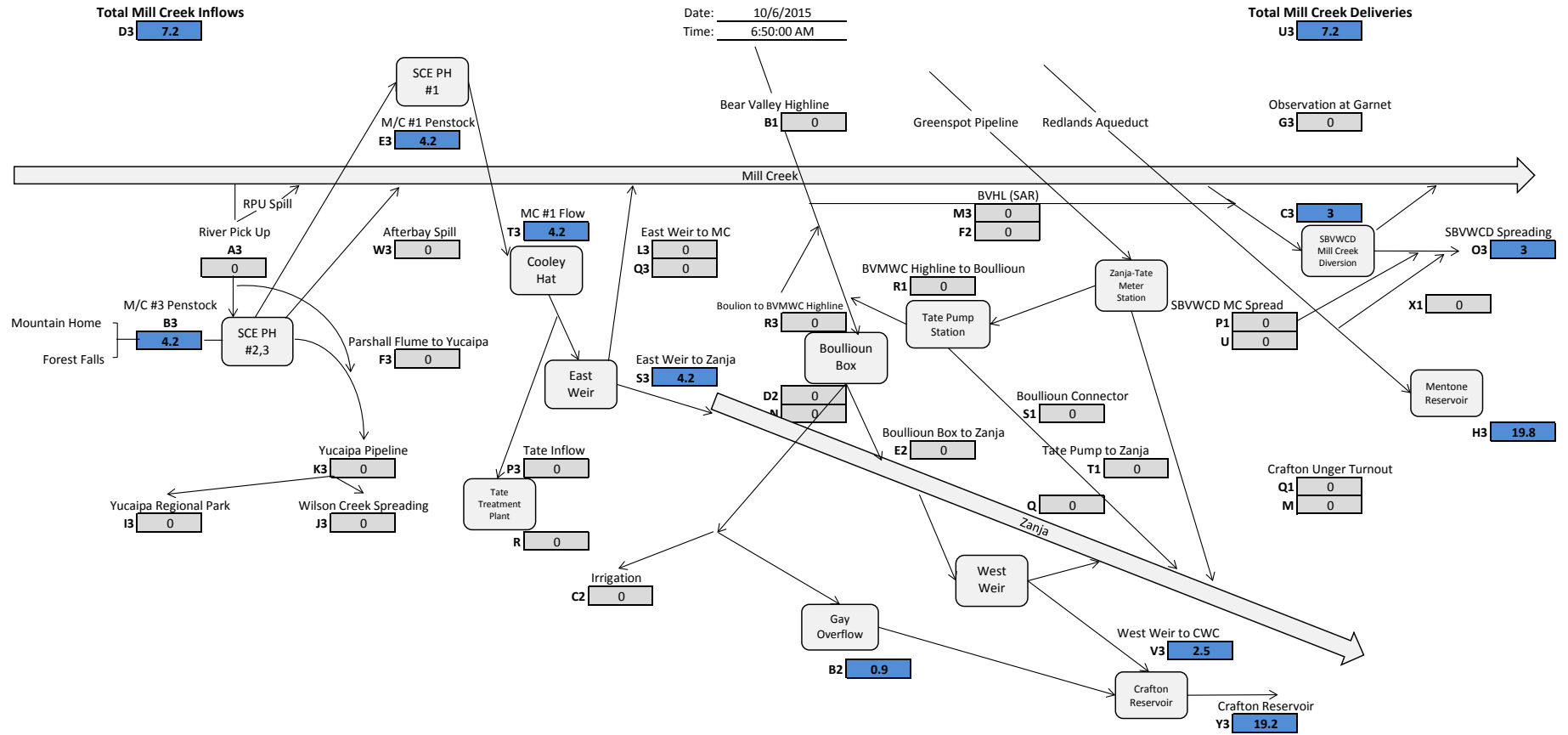
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	3.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	3.0

SBVWCD Recharge

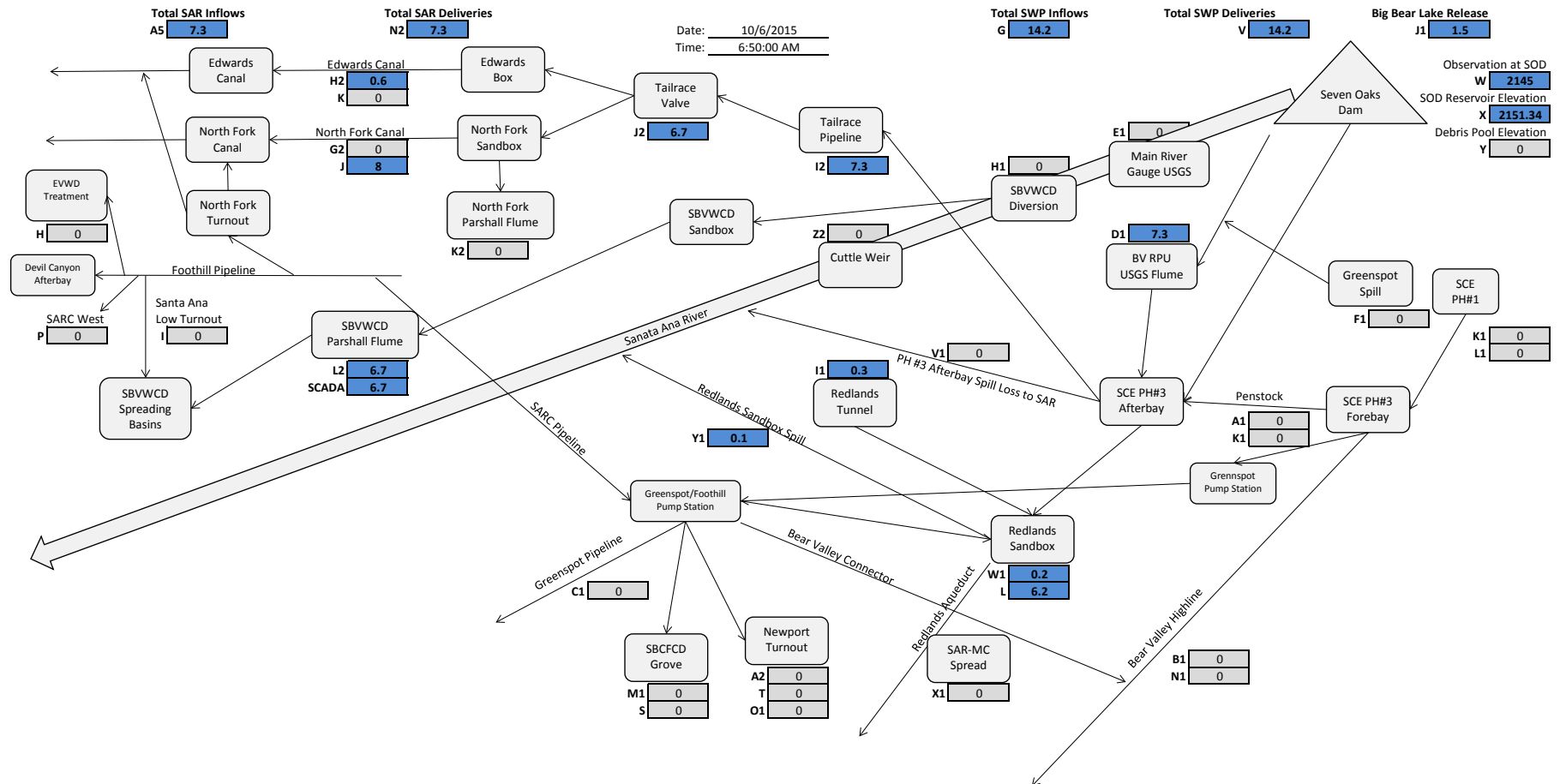
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	18.8	I4	9.0	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	7.0	K4	7.0	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/7/2015

Time: 6:40:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	6.8
N2	Total SAR Deliveries	6.8
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	6.8

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.7
V	Total SWP Deliveries	14.7
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.6

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	6.0
U3	Total MC Deliveries	6.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	2.0
T3	MC #1 Flow (Cooley Hat)	4.0

Reservoir Levels	Feet
Observation at SOD	2145
Crafton Reservoir Level (21.3)	18.3
Mentone Reservoir Level	19.2

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	32	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	11	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/7/2015
Time: 6:40:00 AM

State Water Project

Inflows			Deliveries		
A	BBMWD In-lieu	14.7	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.7	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.6
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.7

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		6.8	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	0.0
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		6.8	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	6.8
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 0.0						F1	Greenspot Spill	0.0
W1	Redlands Aqueduct / Sandbox	6.9				Seven Oaks Dam				E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.2				w	Observation at SOD		2145.0	D1a	BV Pick-Up gated	☐
minus						x	SOD Reservoir Elevation (scada)		2151.3			
F1	Greenspot Spill	0.0	Other			y	Debris Pool Elevation		0.0	A5	Total SAR Inflows	6.8
D1	BVMWC River PU (USGS)	6.8	J1	Big Bear Lake Release	1.5							
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	0.0							
A1	SAR PH #3 Penstock (calc) 0.0		X1	SAR-MC Spread (Red. Aqueduct)	0.0							
K1	PH3# Penstock (SCADA) 0.0											

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.4

Irrigation		
D2	Boullioun Box Weir	0.0
		minus
B2	Gay Overflow	0.9
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	6.9
Y1	Redlands Sandbox Spill	0.2
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	6.8

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	0.0
B3	M/C #3 Penstock	4.0
C3	SBVWCD Mill Creek Diversion	2.0
D3	Total MC Inflows	6.0

Other		
E3	M/C #1 Penstock Flow	4.0
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	0.0	C3	SBVWCD Mill Creek Diversion	2.0	H3	Mentone Reservoir Level	19.2
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	4.0	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	4.0	U3	Total MC Deliveries	6.0	V3	Zanja West Weir to CWC Canal	2.1
			T3	MC #1 Flow (Cooley Hat)	4.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									Y3	Crafton Reservoir Level (21.3)	18.3

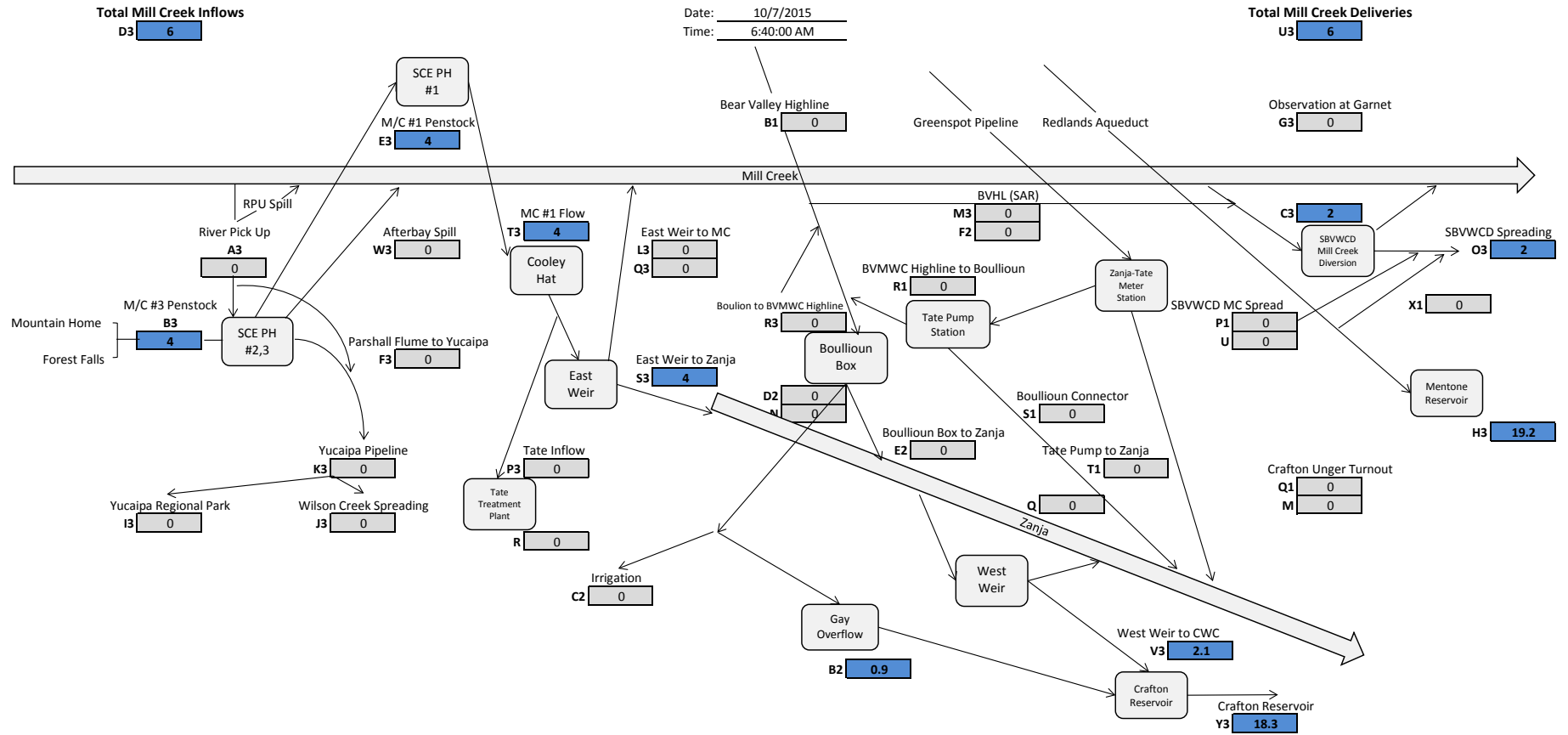
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	2.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	2.0

SBVWCD Recharge

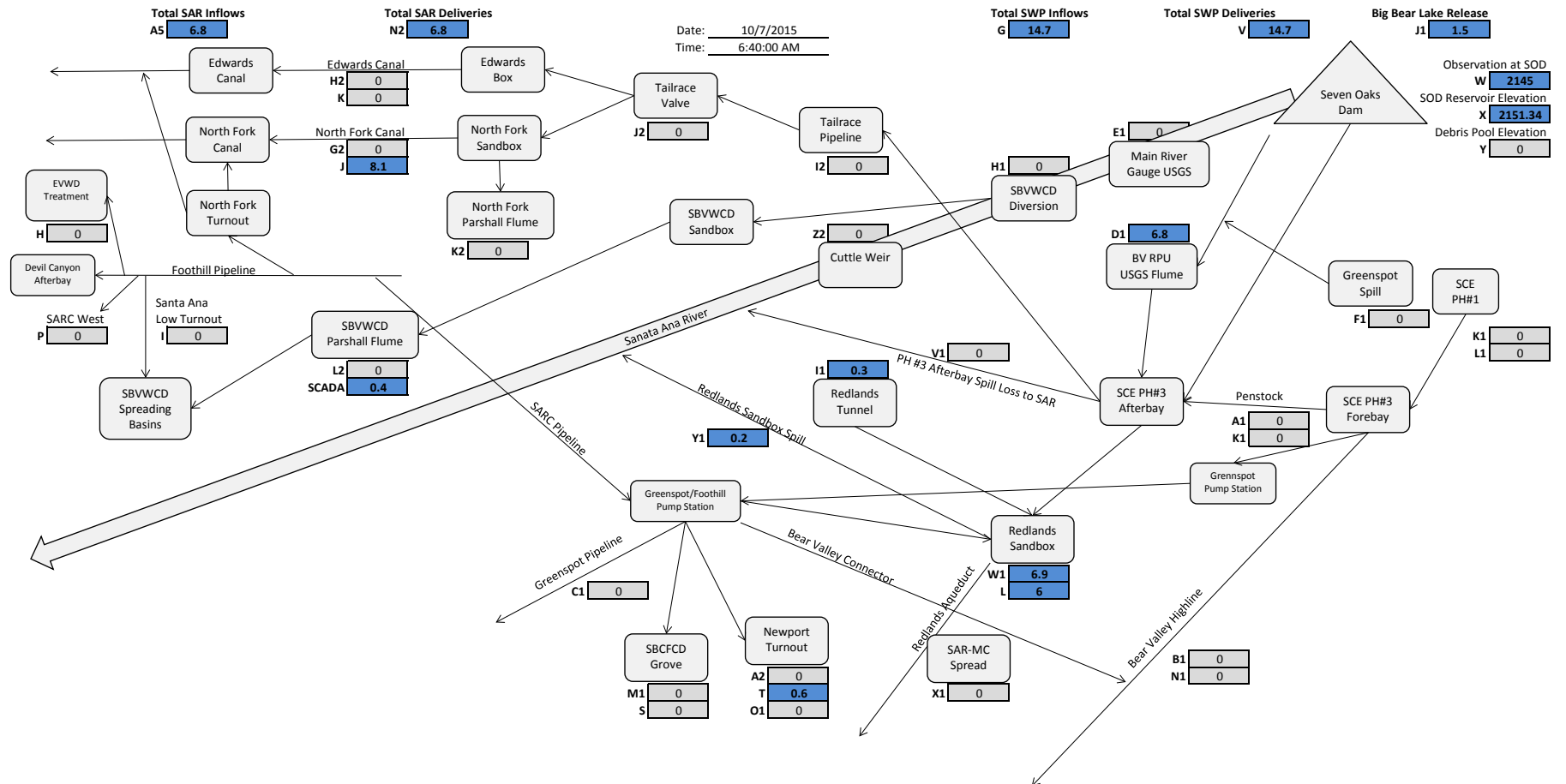
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	3.7	I4	31.5	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	4.4	K4	11.4	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/8/2015

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	13.6
N2	Total SAR Deliveries	13.6
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	2.1
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	11.5
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.8
V	Total SWP Deliveries	14.8
J	Northfork Canal	8.2
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.6

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	6.0
U3	Total MC Deliveries	6.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	2.0
T3	MC #1 Flow (Cooley Hat)	4.0

Reservoir Levels	Feet
Observation at SOD	2145
Crafton Reservoir Level (21.3)	17.7
Mentone Reservoir Level	18.6

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	15	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/8/2015
Time: 7:00:00 AM

State Water Project

Inflows			Deliveries		
A	BBMWD In-lieu	14.8	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.2
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.8	N	BVMWC Boullion Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.6
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.8

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows						
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		6.8	A1	SAR PH #3 Penstock (calc)	0.0			
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	2.1	E1	Main River Gage (USGS)		2.0	B1	BVMWC Highline	2.1			
J2	Tailrace Valve to Parshall Flume	9.5	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		8.8	C1	Greenspot Pipeline	0.0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	6.8			
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		2.1					F1	Greenspot Spill	2.7		
W1	Redlands Aqueduct / Sandbox	0.2										E1	Main River Gage (USGS)	2.0	
Y1	Redlands Sandbox Spill	0.1										D1a	BV Pick-Up gated	☐	
		minus										A5	Total SAR Inflows		13.6
F1	Greenspot Spill	2.7													
D1	BVMWC River PU (USGS)	6.8													
I1	Redlands Tunnel	0.3													
A1	SAR PH #3 Penstock (calc)		0.0												
K1	PH3# Penstock (SCADA)		0.0												

J1	Big Bear Lake Release		1.5
L1	SCE SAR AVM (SCADA)		6.5
X1	SAR-MC Spread (Red. Aqueduct)		0.0

w	Observation at SOD	2145.0
x	SOD Reservoir Elevation (scada)	2151.3
y	Debris Pool Elevation	0.0

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	9.5
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	9.5

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	9.5
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	2.0
L2	SBVWCD Parshall Flume	11.5
	Parshall Flume (SCADA)	10.9

Irrigation		
D2	Boullioun Box Weir	2.1
minus		
B2	Gay Overflow	2.5
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	2.1
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	9.5
L2	SBVWCD Parshall Flume	11.5
minus		
J2	Tailrace Valve to Parshall Flume	9.5
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	13.6

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	0.0
B3	M/C #3 Penstock	4.0
C3	SBVWCD Mill Creek Diversion	2.0
D3	Total MC Inflows	6.0

Other		
E3	M/C #1 Penstock Flow	4.0
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	0.0	c3	SBVWCD Mill Creek Diversion	2.0	h3	Mentone Reservoir Level	18.6
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	4.0	r3	Boullion to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	4.0	u3	Total MC Deliveries	6.0	v3	Zanja West Weir to CWC Canal	1.7
			t3	MC #1 Flow (Cooley Hat)	4.0				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	17.7

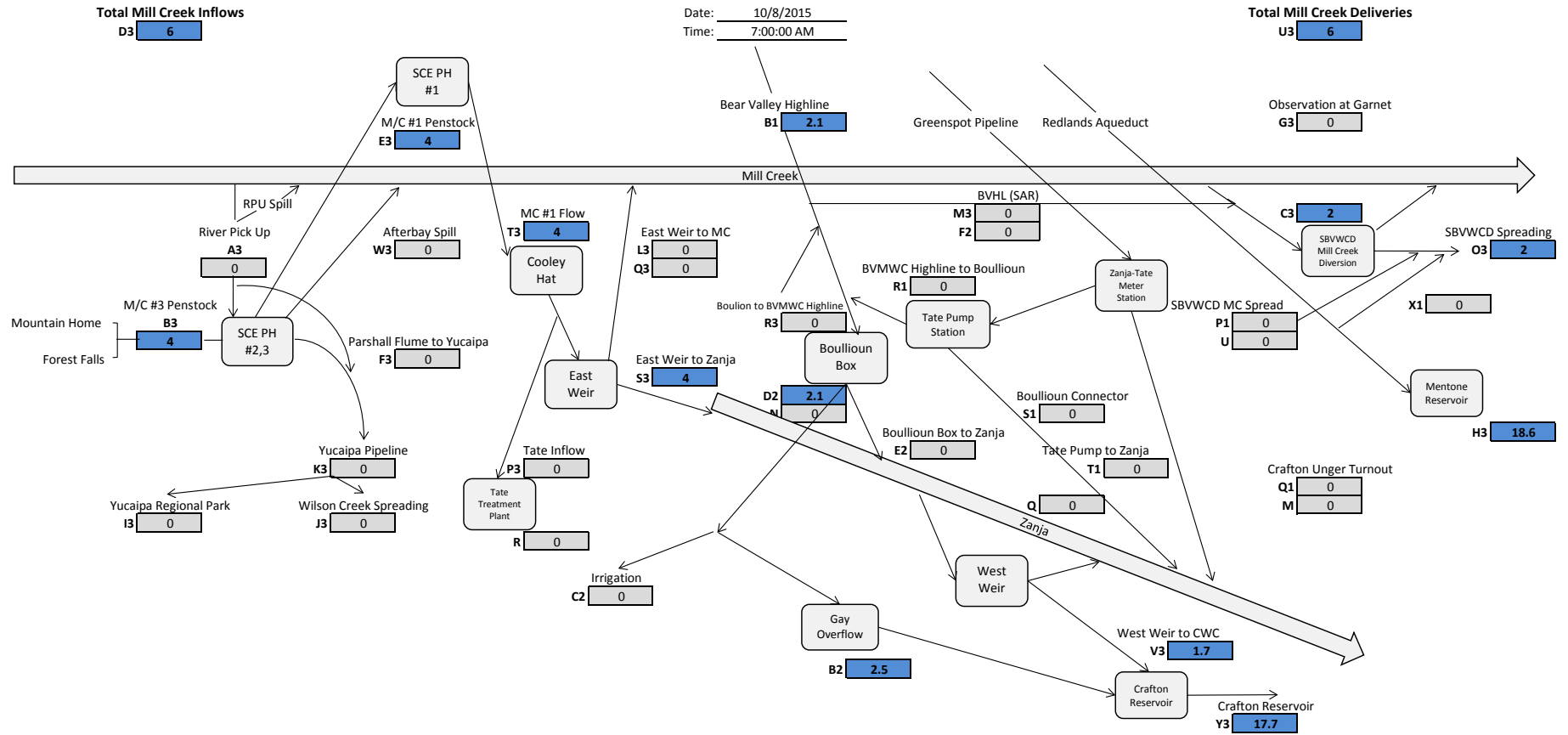
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	2.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	2.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	19.1	I4	50.6	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	4.0	K4	15.4	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

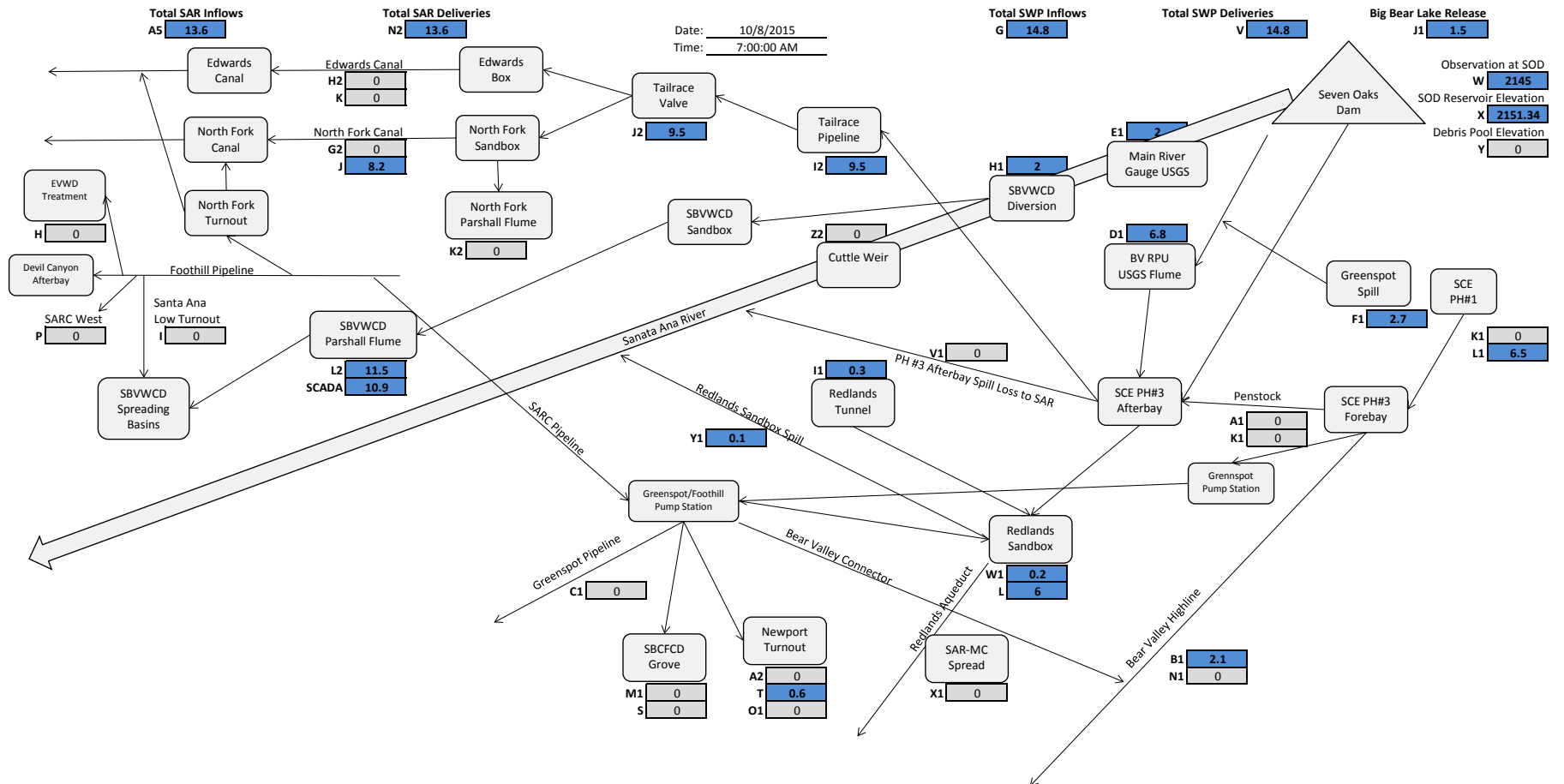
Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/9/2015

Time: 7:30:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	12.2
N2	Total SAR Deliveries	12.2
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	3.5
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	8.7

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.6
V	Total SWP Deliveries	14.6
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.6

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	6.0
U3	Total MC Deliveries	6.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	6.0
T3	MC #1 Flow (Cooley Hat)	4.0

Reservoir Levels	Feet
Observation at SOD	2148.75
Crafton Reservoir Level (21.3)	16.3
Mentone Reservoir Level	18.8

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	20	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

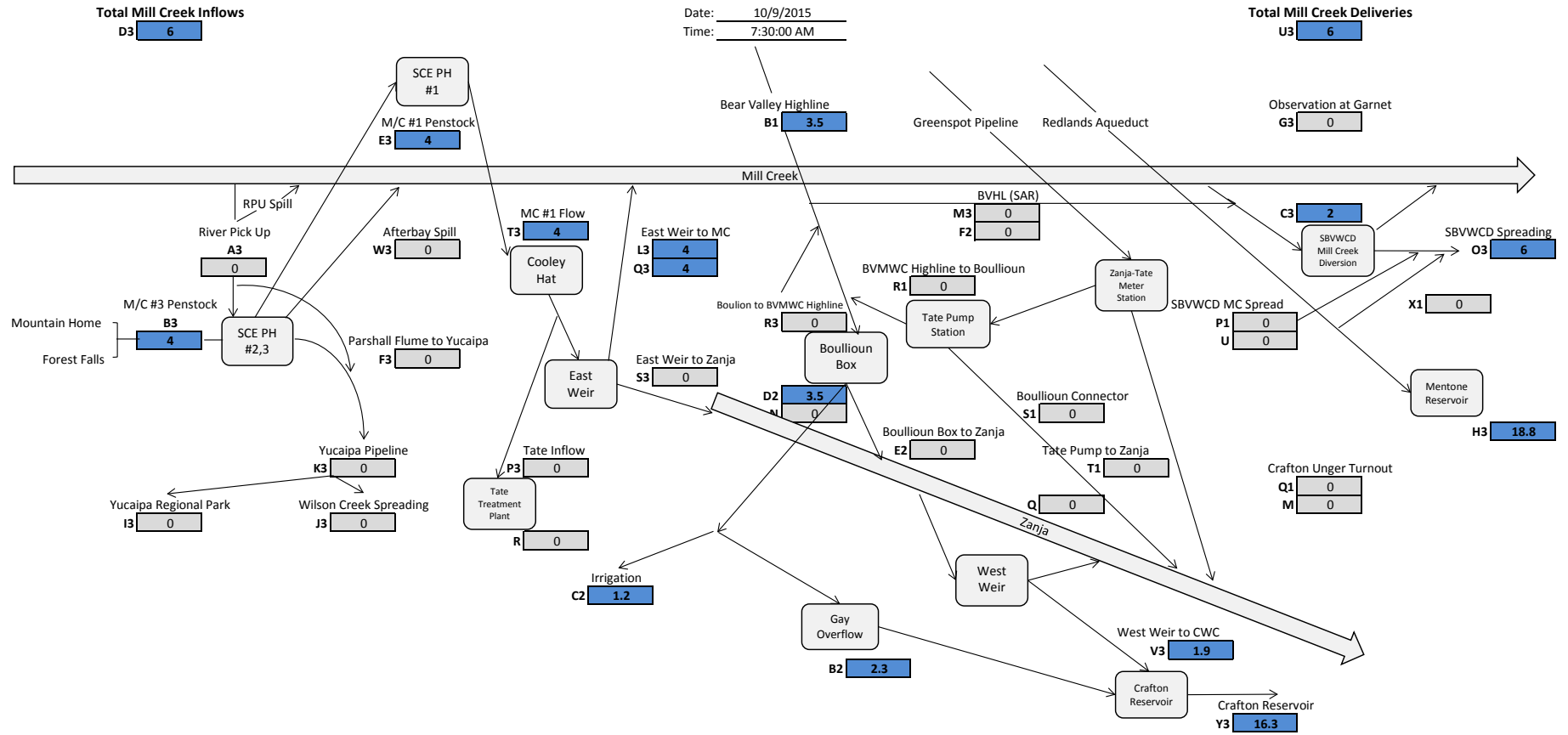
Daily Flow Report

Date: 10/9/2015
Time: 7:30:00 AM

State Water Project											
14.6			Deliveries								
A	BBMWD In-lieu	14.6	H	EVWD Treatment Plant	0.0	P	SARC West	0.0			
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	Q	Zanja	0.0			
C	Exchange Water	0.0	J	Northfork Canal	8.0	R	Tate Treatment Plant	0.0			
D	Purchased Water	0.0	K	Edwards Canal	0.0	S	SBCFCD Grove	0.0			
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0	T	Newport for BVMWC	0.6			
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0	U	M/C spreading at Zanja Tate	0.0			
G	Total SWP Inflows	14.6	N	BVMWC Boullioun Box	0.0	V	Total SWP Deliveries	14.6			
Santa Ana River Inflows											
SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal		Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)	7.1	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	3.5	E1	Main River Gage (USGS)	0.0	B1	BVMWC Highline	3.5
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal	7.1	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0				D1	BVMWC River PU (USGS)	7.1
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	3.5	Seven Oaks Dam			F1	Greenspot Spill	1.6
W1	Redlands Aqueduct / Sandbox	8.9				W	Observation at SOD	2148.8	E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.1	Other			X	SOD Reservoir Elevation (scada)	2151.3	D1a	BV Pick-Up gated	☐
		minus	J1	Big Bear Lake Release	1.5	Y	Debris Pool Elevation	0.0	A5	Total SAR Inflows	12.2
F1	Greenspot Spill	1.6	L1	SCE SAR AVM (SCADA)	5.1						
D1	BVMWC River PU (USGS)	7.1	X1	SAR-MC Spread (Red. Aqueduct)	0.0						
I1	Redlands Tunnel	0.3									
A1	SAR PH #3 Penstock (calc)	0.0									
K1	PH3# Penstock (SCADA)	0.0									
Santa Ana River Deliveries											
Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basins		Deliveries			
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	0.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.0	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	8.9
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	0.0	Y1	Redlands Sandbox Spill	0.1
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	0.0	L2	SBVWCD Parshall Flume	0.0	Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	0.0	Parshall Flume (SCADA)		0.0	B1	BVMWC Highline	3.5
R1	BVMWC Highline to Boullioun	0.0				Irrigation					
S1	Crafton WC Boullioun	0.0				D2	Boullioun Box Weir	3.5	C1	Greenspot Pipeline	0.0
T1	Tate Pump Station to Zanja	0.0				minus					
C1	Greenspot Pipeline	0.0				B2	Gay Overflow	2.3	I2	Tailrace Pipeline	0.0
						C2	Irrigation	1.2	L2	SBVWCD Parshall Flume	0.0
								minus			
								J2	Tailrace Valve to Parshall Flume	0.0	
								K2	Northfork Parshall Flume	0.0	
								I1	Redlands Tunnel	0.3	
								N2	Total SAR Deliveries	12.2	
Mill Creek Inflows											
Total MC Inflows			Other								
A3	RPU Flow	0.0	E3	M/C #1 Penstock Flow	4.0						
B3	M/C #3 Penstock	4.0	F3	Stream Parshall Flume to Yucaipa	0.0						
C3	SBVWCD Mill Creek Diversion	2.0	G3	Observation at Garnet	0.0						
D3	Total MC Inflows	6.0									
Mill Creek Deliveries											
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries		Other			
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	0.0	C3	SBVWCD Mill Creek Diversion	2.0	H3	Mentone Reservoir Level	18.8
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	4.0	T3	Mill Creek #1 Flow (Cooley Hat)	4.0	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.0	U3	Total MC Deliveries	6.0	V3	Zanja West Weir to CWC Canal	1.9
			T3	MC #1 Flow (Cooley Hat)	4.0			W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
								Y3	Crafton Reservoir Level (21.3)	16.3	
SBVWCD MC Spreading											
C3	SBVWCD Mill Creek Diversion	2.0									
L3	East Weir (MC)	4.0									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
O3	SBVWCD MC Spreading	6.0									
SBVWCD Recharge											
Location		Type	Previous Day (AF)			WY To Date (AF)		Target			
A4	Santa Ana River	SAR	E4	0.0		I4	50.6		123,000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0		O4	0.0				
B4	Santa Ana River	SWP	F4	0.0		J4	0.0				
C4	Mill Creek	MC	G4	4.1		K4	19.5		73,800		
D4	Mill Creek	SWP	H4	0.0		L4	0		714		
	SBVMWD	SWP									
	WMWD	SWP									
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0			
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0			
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0			

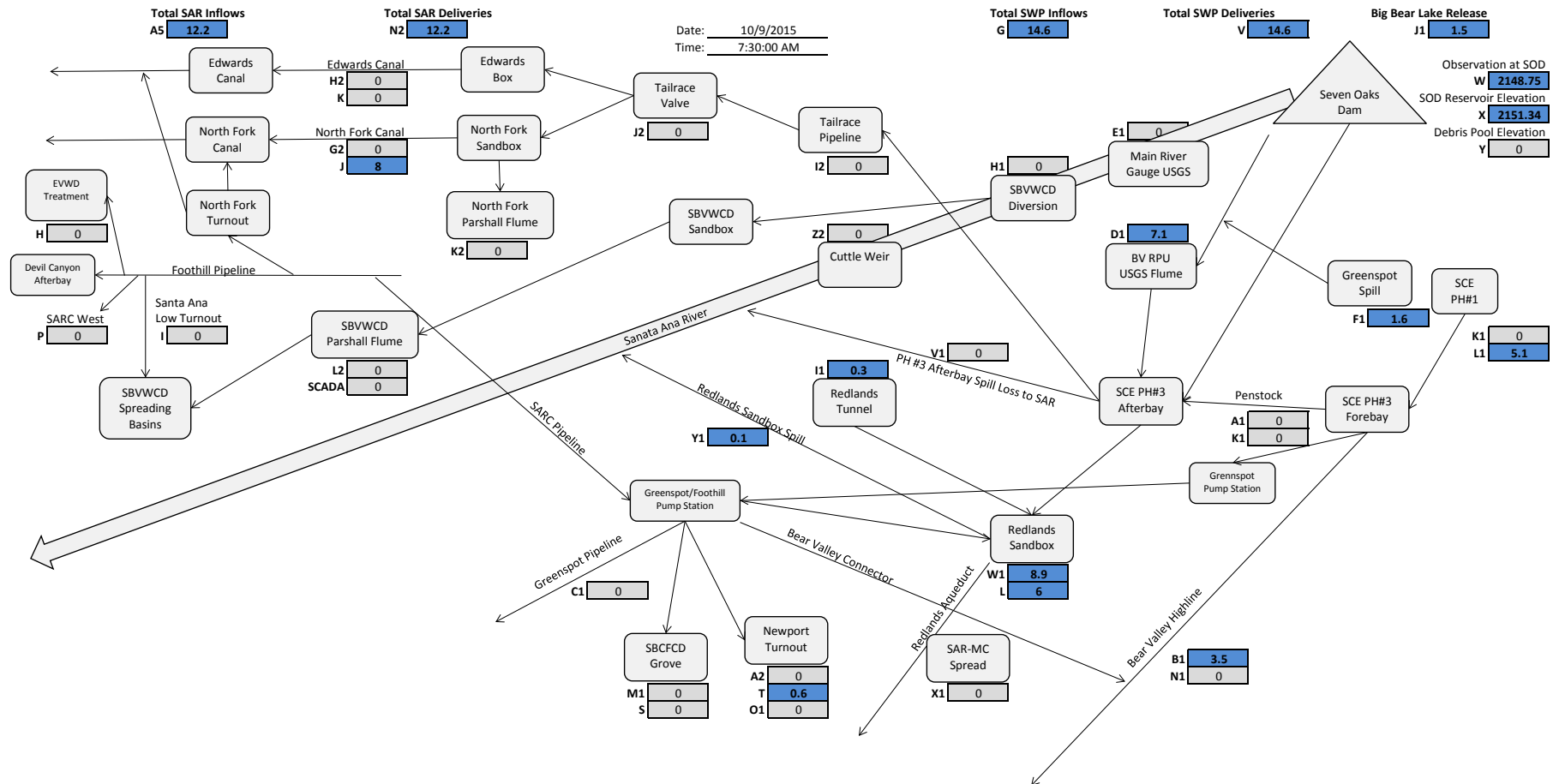
Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/12/2015

Time: 7:15:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	12.3
N2	Total SAR Deliveries	12.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	3.8
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	8.5

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.0
V	Total SWP Deliveries	14.0
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.0
U3	Total MC Deliveries	7.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	2.0
T3	MC #1 Flow (Cooley Hat)	5.0

Reservoir Levels	Feet
Observation at SOD	2150.15
Crafton Reservoir Level (21.3)	13
Mentone Reservoir Level	22.2

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	31	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/12/2015
Time: 7:15:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	14.0	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.0	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.0

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows				
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		7.1	A1	SAR PH #3 Penstock (calc)	0.0	
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	3.8	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	3.8	
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		7.1	C1	Greenspot Pipeline	0.0	
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	7.1	
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		3.8					F1	Greenspot Spill	1.4
W1	Redlands Aqueduct / Sandbox	8.7								E1	Main River Gage (USGS)	0.0	
Y1	Redlands Sandbox Spill	0.1								D1a	BV Pick-Up gated	☐	
minus										A5	Total SAR Inflows		12.3
F1	Greenspot Spill	1.4											
D1	BVMWC River PU (USGS)	7.1											
I1	Redlands Tunnel	0.3											
A1	SAR PH #3 Penstock (calc)	0.0											
K1	PH3# Penstock (SCADA)	0.0											

Other		
J1	Big Bear Lake Release	1.5
L1	SCE SAR AVM (SCADA)	4.8
X1	SAR-MC Spread (Red. Aqueduct)	0.0

W	Observation at SOD	2150.2
X	SOD Reservoir Elevation (scada)	2151.3
Y	Debris Pool Elevation	0.0

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	3.8
		minus
B2	Gay Overflow	1.3
C2	Irrigation	2.5

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	8.7
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	3.8
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	12.3

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	0.0	E3	M/C #1 Penstock Flow	5.0
B3	M/C #3 Penstock	5.0	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	2.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	7.0			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	4.0	C3	SBVWCD Mill Creek Diversion	2.0	H3	Mentone Reservoir Level	22.2
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	5.0	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	1.0	U3	Total MC Deliveries	7.0	V3	Zanja West Weir to CWC Canal	0.4
			T3	MC #1 Flow (Cooley Hat)	5.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									Y3	Crafton Reservoir Level (21.3)	13.0

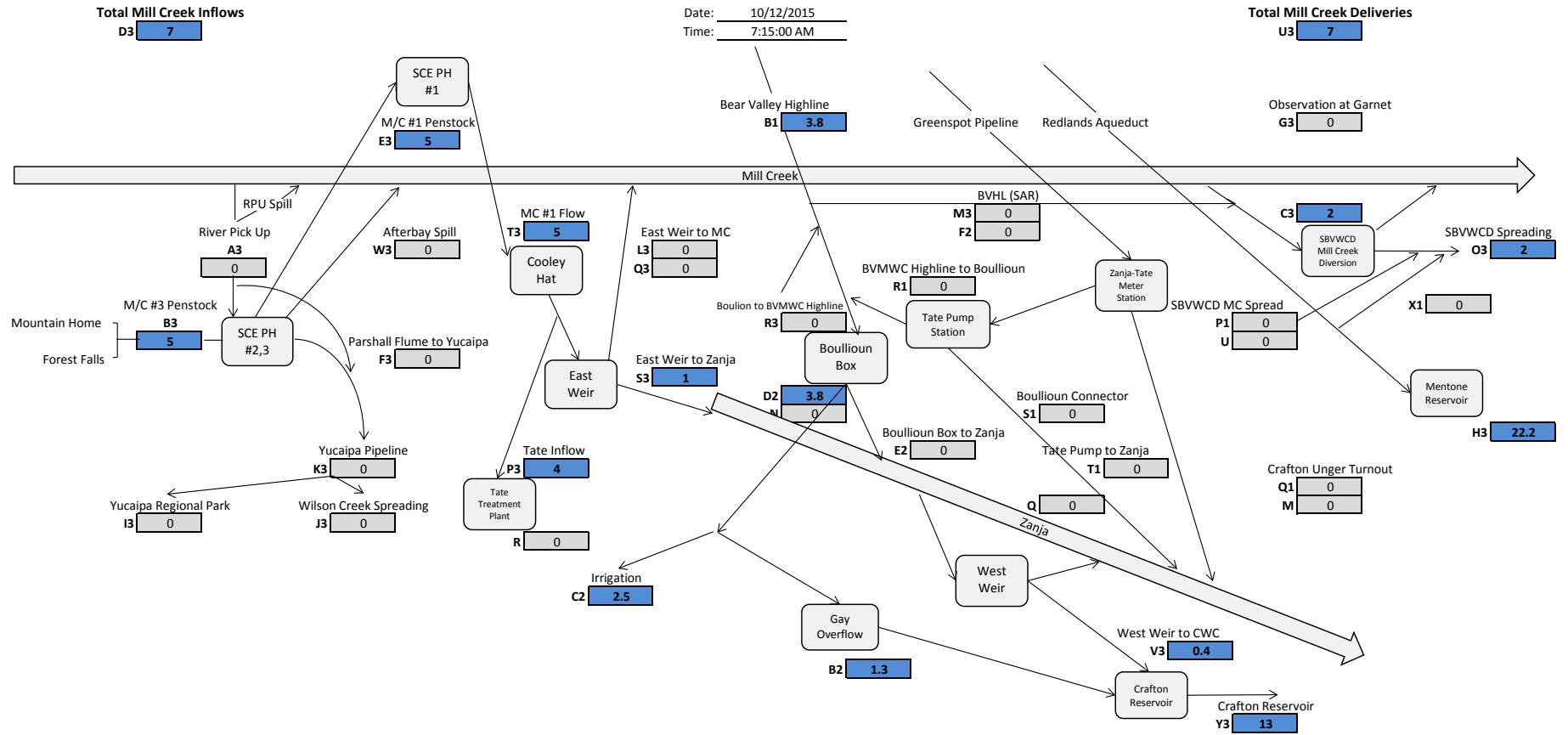
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	2.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	2.0

SBVWCD Recharge

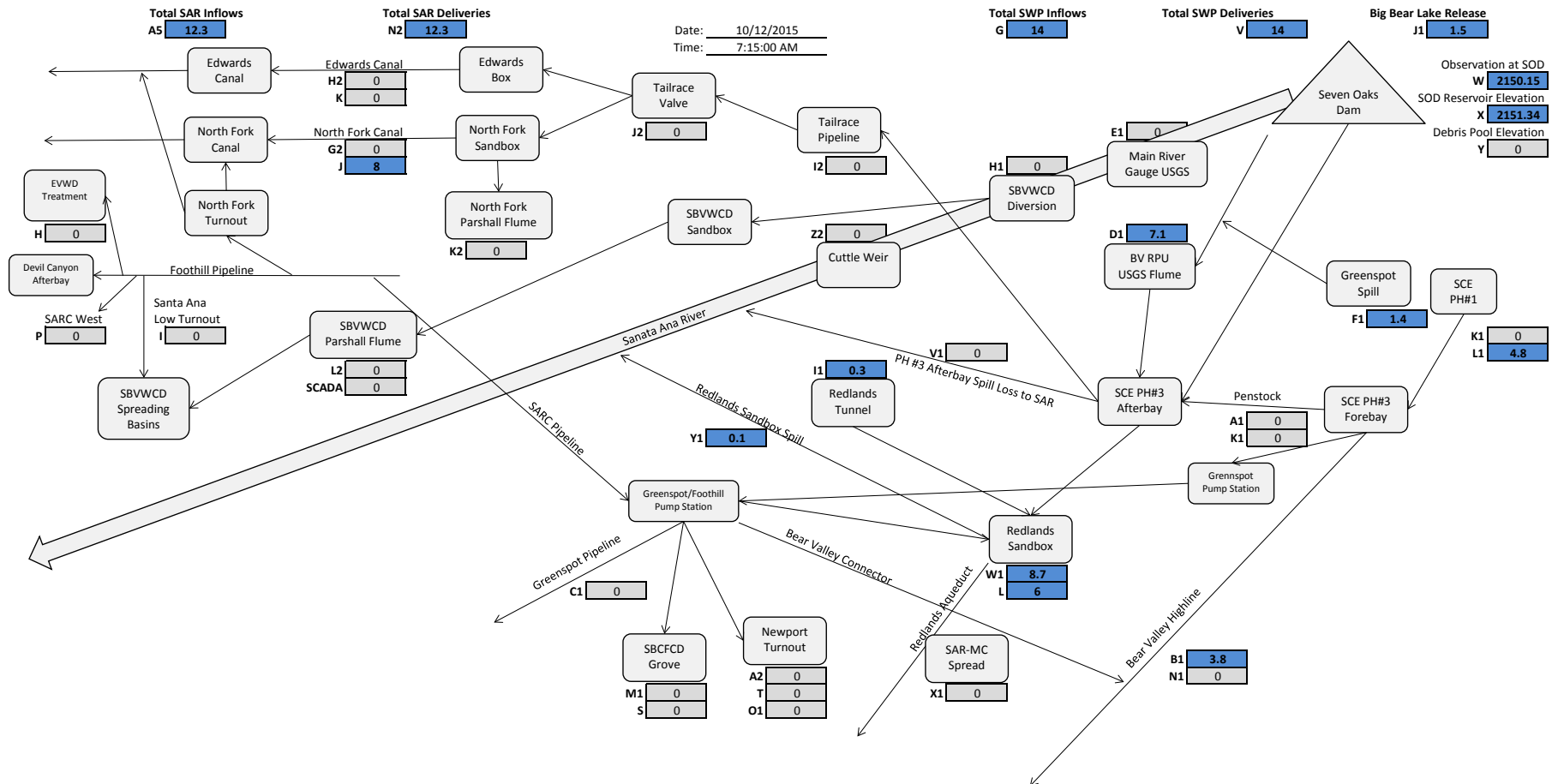
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	50.6	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	11.9	K4	31.4	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/13/2015

Time: 7:15:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	12.9
N2	Total SAR Deliveries	12.9
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	4.4
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	8.5

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.1
V	Total SWP Deliveries	14.1
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.0
U3	Total MC Deliveries	7.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	3.0
T3	MC #1 Flow (Cooley Hat)	4.0

Reservoir Levels	Feet
Observation at SOD	0
Crafton Reservoir Level (21.3)	12
Mentone Reservoir Level	21.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	37	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/13/2015
Time: 7:15:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	14.1	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.1	N	BVMWC Boullion Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.1

Santa Ana River Inflows

SAR PH #3 Penstock (calc)		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	8.7
Y1	Redlands Sandbox Spill	0.1
minus		
F1	Greenspot Spill	1.4
D1	BVMWC River PU (USGS)	7.1
I1	Redlands Tunnel	0.3
A1	SAR PH #3 Penstock (calc)	0.0
K1	PH3# Penstock (SCADA)	0.0

BVMWC Highline		
A2	Newport	0.0
D2	Boullioun Box Weir	4.4
E2	Boullioun Box to Zanja	0.0
F2	SBVWCD Mill Creek Spreading	0.0
B1	BVMWC Highline	4.4
Other		
J1	Big Bear Lake Release	1.5
L1	SCE SAR AVM (SCADA)	5.5
X1	SAR-MC Spread (Red. Aqueduct)	0.0

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	7.1
E1	Main River Gage (USGS)	0.0
Z1	SOD Release Subtotal	7.1
Seven Oaks Dam		
w	Observation at SOD	0.0
x	SOD Reservoir Elevation (scada)	2151.3
y	Debris Pool Elevation	0.0

Total SAR Inflows		
A1	SAR PH #3 Penstock (calc)	0.0
B1	BVMWC Highline	4.4
C1	Greenspot Pipeline	0.0
D1	BVMWC River PU (USGS)	7.1
F1	Greenspot Spill	1.4
E1	Main River Gage (USGS)	0.0
D1a	BV Pick-Up gated	□
A5	Total SAR Inflows	12.9

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	4.4
		minus
B2	Gay Overflow	1.8
C2	Irrigation	2.6

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	8.7
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	4.4
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	12.9

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	0.0
B3	M/C #3 Penstock	4.0
C3	SBVWCD Mill Creek Diversion	3.0
D3	Total MC Inflows	7.0

Other		
E3	M/C #1 Penstock Flow	4.0
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	4.0	C3	SBVWCD Mill Creek Diversion	3.0	H3	Mentone Reservoir Level	21.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	4.0	R3	Boullion to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.0	U3	Total MC Deliveries	7.0	V3	Zanja West Weir to CWC Canal	0.0
			T3	MC #1 Flow (Cooley Hat)	4.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									Y3	Crafton Reservoir Level (21.3)	12.0

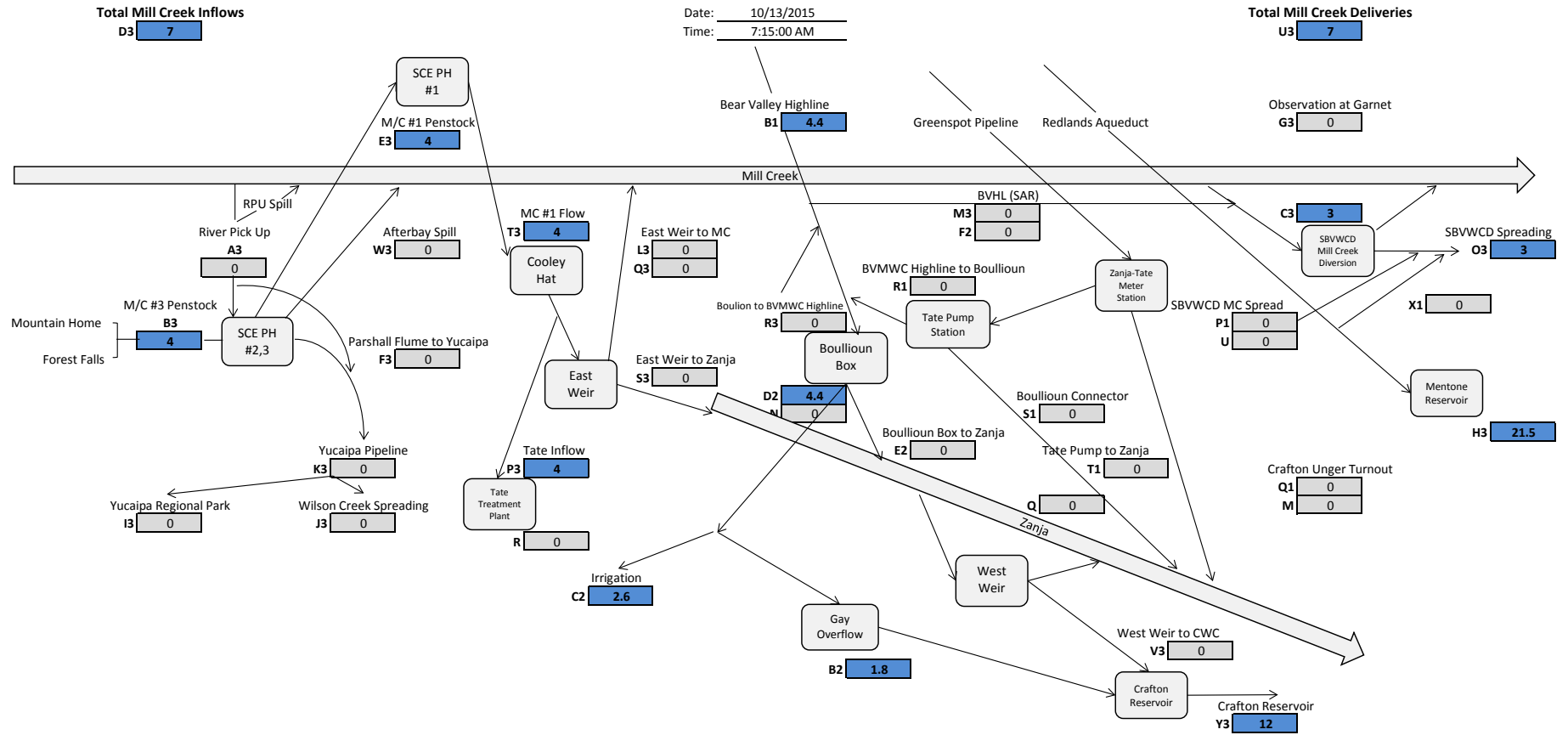
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	3.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	3.0

SBVWCD Recharge

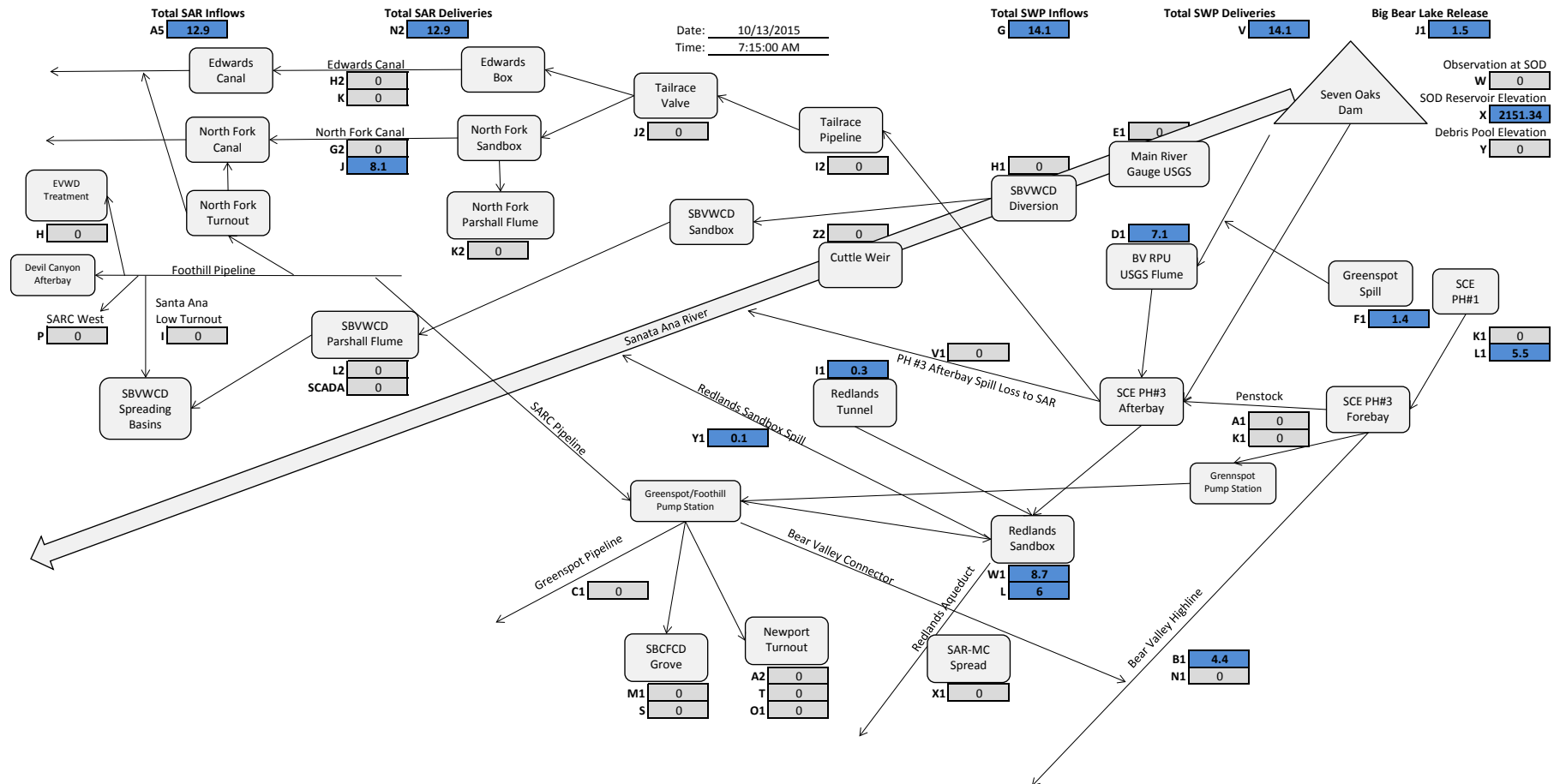
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	50.6	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	6.0	K4	37.4	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/14/2015

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	13.5
N2	Total SAR Deliveries	13.5
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	5.6
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	7.9

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.8
V	Total SWP Deliveries	14.8
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.1
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.6

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	6.7
U3	Total MC Deliveries	6.7
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	3.0
T3	MC #1 Flow (Cooley Hat)	3.7

Reservoir Levels	Feet
Observation at SOD	0
Crafton Reservoir Level (21.3)	12
Mentone Reservoir Level	21.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	43	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/14/2015
Time: 7:00:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	14.8	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.1
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.8	N	BVMWC Boullioun Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.6
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.8

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows					
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		6.9	A1	SAR PH #3 Penstock (calc)	0.0		
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	5.6	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	5.6		
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		6.9	C1	Greenspot Pipeline	0.0		
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	6.9		
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		5.6					F1	Greenspot Spill	1.0	
W1	Redlands Aqueduct / Sandbox	8.1										E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.1										D1a	BV Pick-Up gated	☐
minus												A5	Total SAR Inflows	13.5
F1	Greenspot Spill	1.0												
D1	BVMWC River PU (USGS)	6.9												
I1	Redlands Tunnel	0.3												
A1	SAR PH #3 Penstock (calc)	0.0												
K1	PH3# Penstock (SCADA)	0.0												

Other		
J1	Big Bear Lake Release	1.5
L1	SCE SAR AVM (SCADA)	6.5
X1	SAR-MC Spread (Red. Aqueduct)	0.0

W	Observation at SOD	0.0
X	SOD Reservoir Elevation (scada)	2151.3
Y	Debris Pool Elevation	0.0

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	5.6
		minus
B2	Gay Overflow	2.2
C2	Irrigation	3.4

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	8.1
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	5.6
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	13.5

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	0.0
B3	M/C #3 Penstock	3.7
C3	SBVWCD Mill Creek Diversion	3.0
D3	Total MC Inflows	6.7

Other		
E3	M/C #1 Penstock Flow	3.7
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

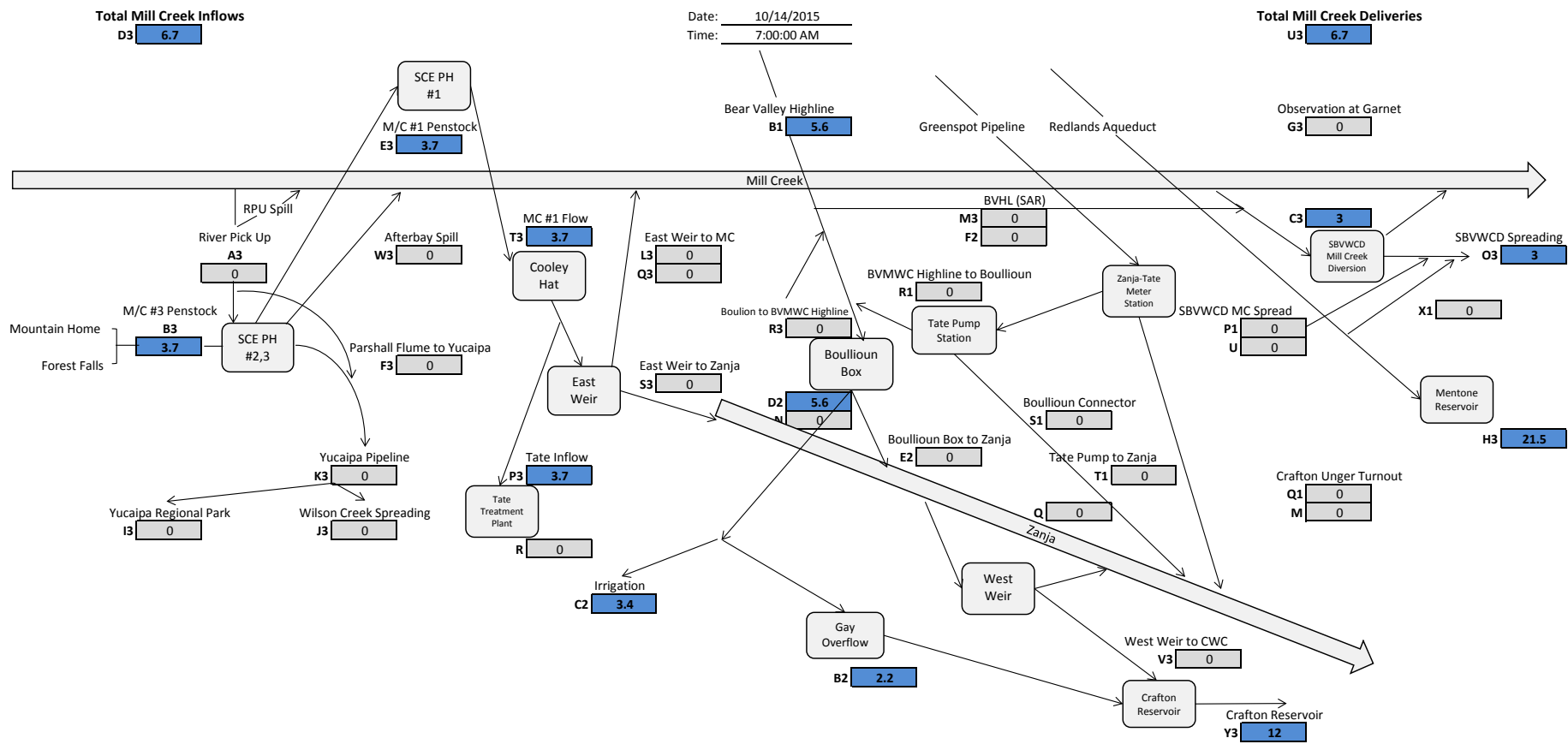
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	3.7	c3	SBVWCD Mill Creek Diversion	3.0	h3	Mentone Reservoir Level	21.5
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	3.7	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	0.0	u3	Total MC Deliveries	6.7	v3	Zanja West Weir to CWC Canal	0.0
			t3	MC #1 Flow (Cooley Hat)	3.7				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	12.0

SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	3.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	3.0

SBVWCD Recharge

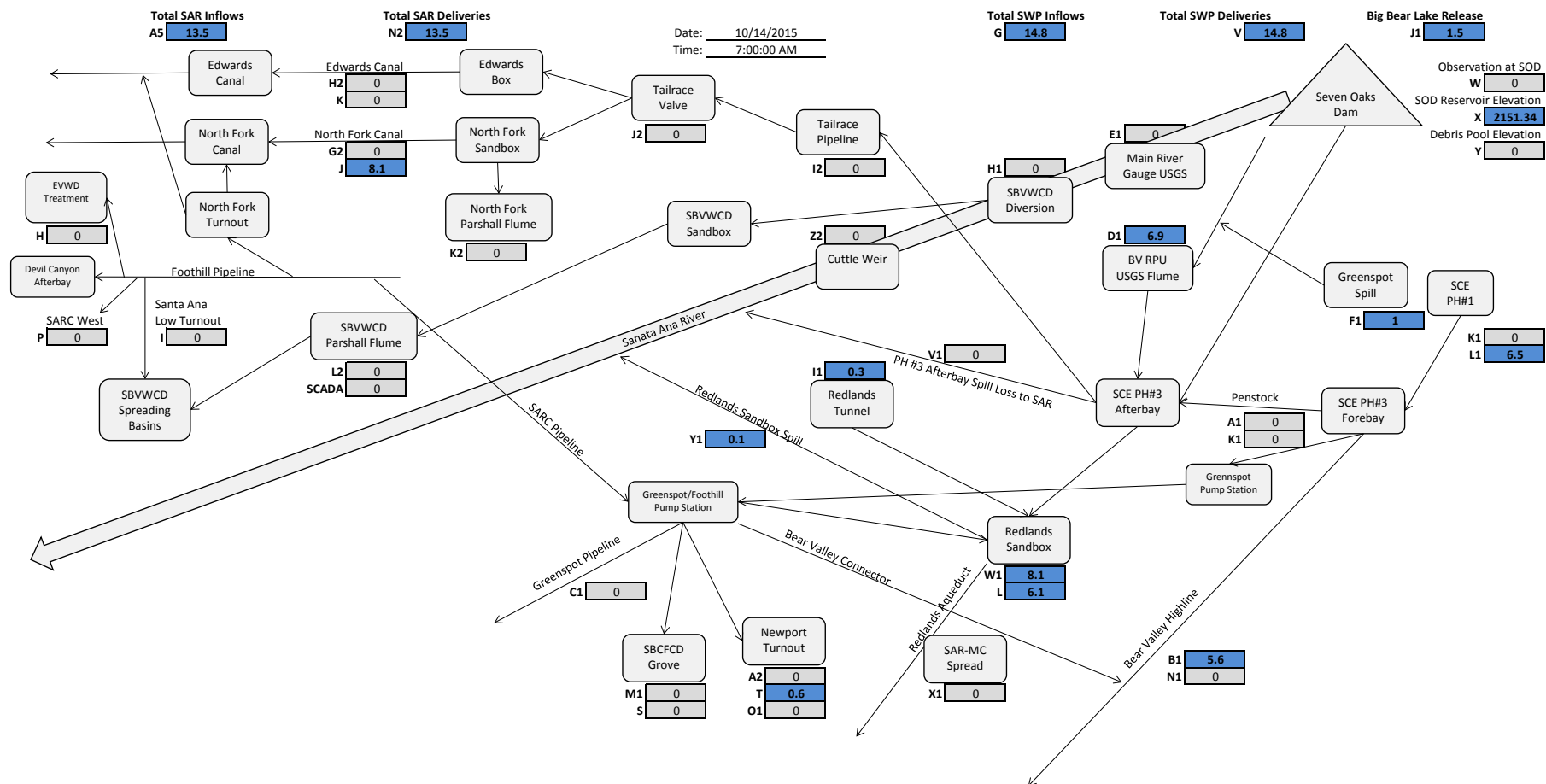
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	50.6	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	6.0	K4	43.3	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project
Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/15/2015

Time: 7:30:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	14.7
N2	Total SAR Deliveries	14.7
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	5.7
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	9.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.7
V	Total SWP Deliveries	14.7
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.7

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	10.3
U3	Total MC Deliveries	10.3
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	10.3

Reservoir Levels	Feet
Observation at SOD	0
Crafton Reservoir Level (21.3)	12.5
Mentone Reservoir Level	21.6

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/15/2015
Time: 7:30:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	14.7	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.7	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.7
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.7

Santa Ana River Inflows

SAR PH #3 Penstock (calc)		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	9.2
Y1	Redlands Sandbox Spill	0.1
minus		
F1	Greenspot Spill	0.9
D1	BVMWC River PU (USGS)	8.1
I1	Redlands Tunnel	0.3
A1	SAR PH #3 Penstock (calc)	0.0
K1	PH3# Penstock (SCADA)	0.0

BVMWC Highline		
A2	Newport	0.0
D2	Boullioun Box Weir	5.7
E2	Boullioun Box to Zanja	0.0
F2	SBVWCD Mill Creek Spreading	0.0
B1	BVMWC Highline	5.7
Other		
J1	Big Bear Lake Release	5.0
L1	SCE SAR AVM (SCADA)	6.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	8.1
E1	Main River Gage (USGS)	0.0
Z1	SOD Release Subtotal	8.1
Seven Oaks Dam		
w	Observation at SOD	0.0
x	SOD Reservoir Elevation (scada)	2151.3
y	Debris Pool Elevation	0.0

Total SAR Inflows		
A1	SAR PH #3 Penstock (calc)	0.0
B1	BVMWC Highline	5.7
C1	Greenspot Pipeline	0.0
D1	BVMWC River PU (USGS)	8.1
F1	Greenspot Spill	0.9
E1	Main River Gage (USGS)	0.0
D1a	BV Pick-Up gated	□
A5	Total SAR Inflows	14.7

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	5.7
		minus
B2	Gay Overflow	3.3
C2	Irrigation	2.4

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	9.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	5.7
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	14.7

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	3.6
B3	M/C #3 Penstock	6.7
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	10.3

Other		
E3	M/C #1 Penstock Flow	10.3
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.0	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	21.6
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	10.3	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	4.3	u3	Total MC Deliveries	10.3	v3	Zanja West Weir to CWC Canal	3.6
			t3	MC #1 Flow (Cooley Hat)	10.3				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	12.5

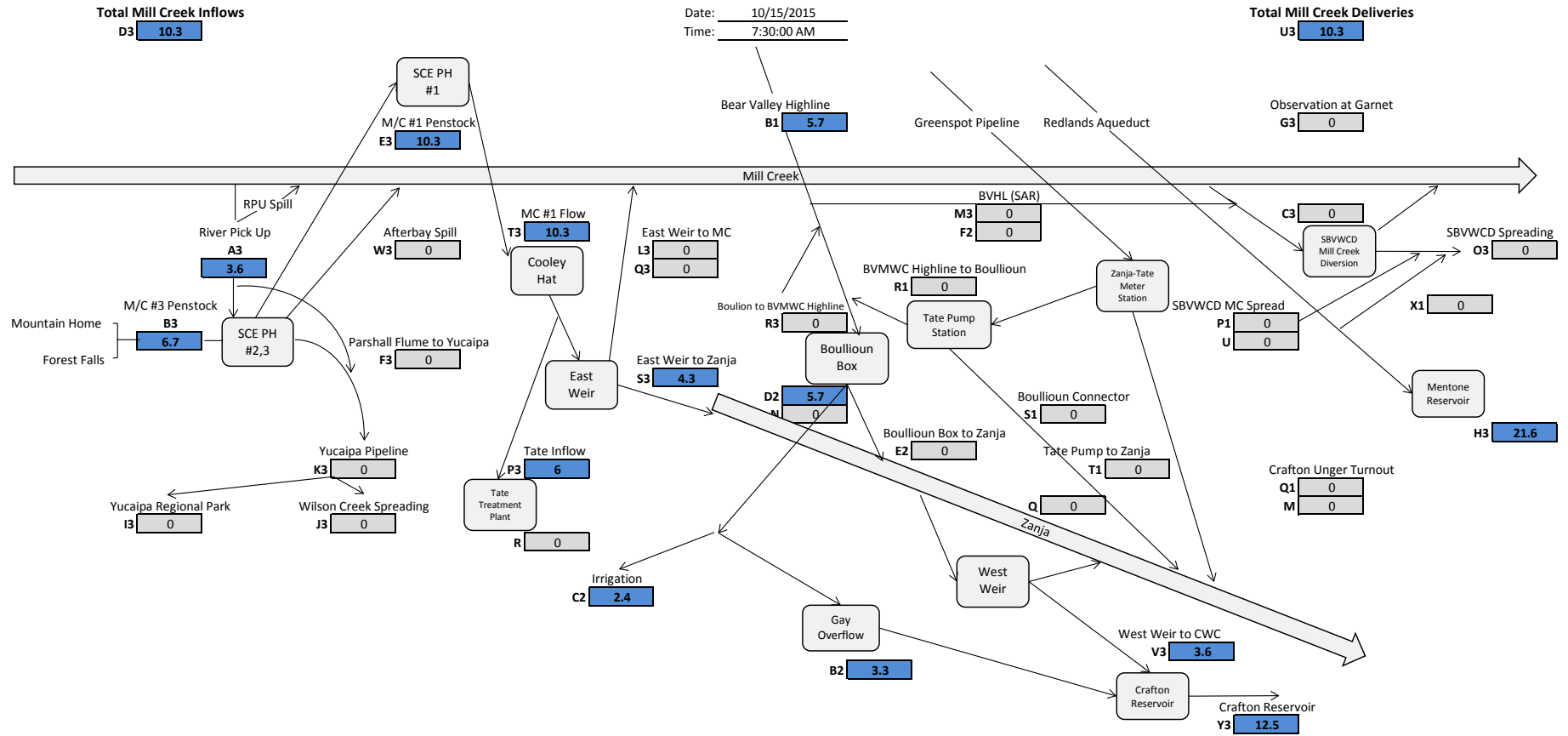
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	50.6	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.9	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

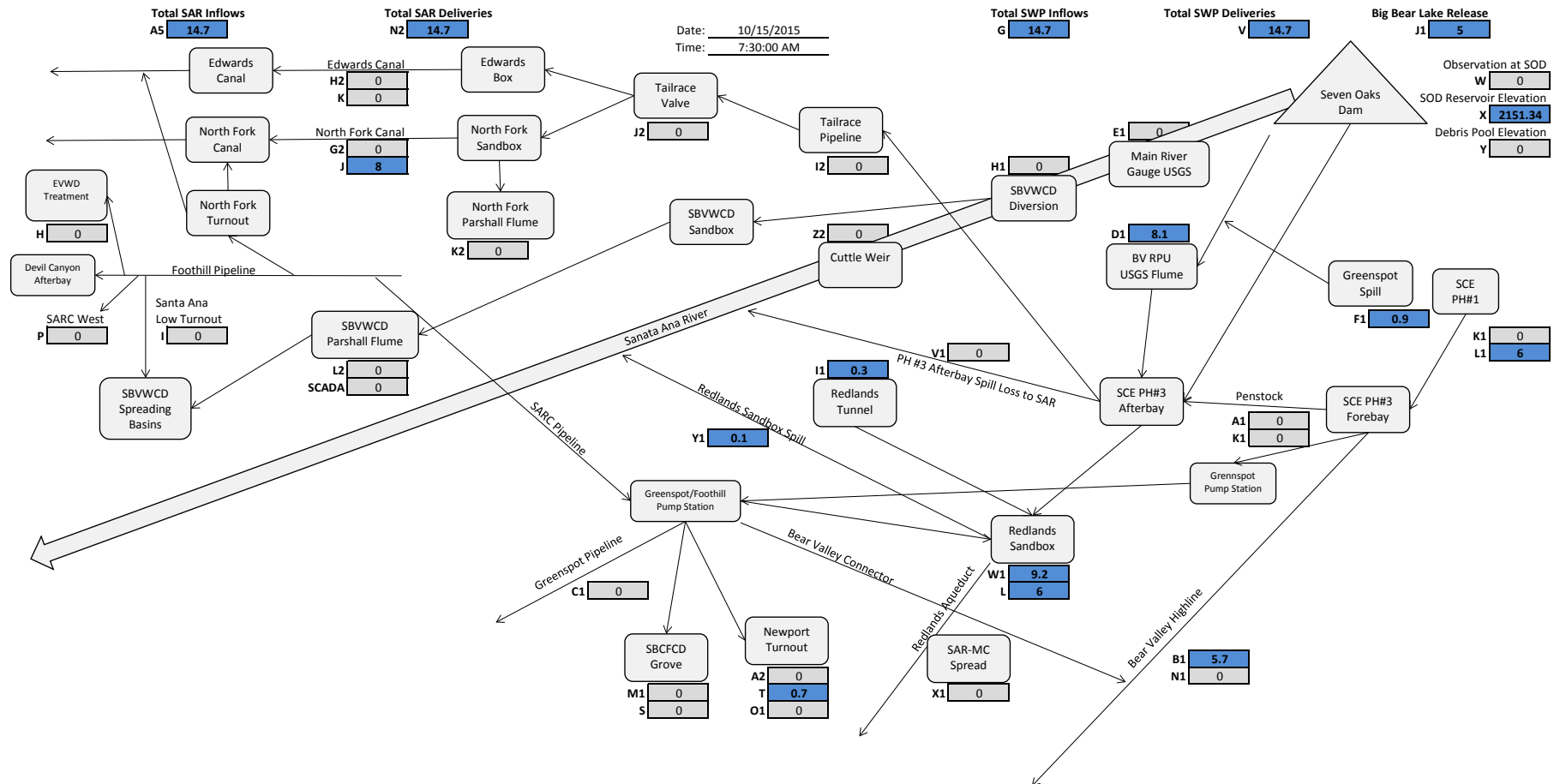
Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/16/2015

Time: 7:30:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	15.7
N2	Total SAR Deliveries	15.7
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	5.5
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	10.2

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	15.1
V	Total SWP Deliveries	15.1
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	1.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	9.0
U3	Total MC Deliveries	9.0
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	9.0

Reservoir Levels	Feet
Observation at SOD	2150
Crafton Reservoir Level (21.3)	11.6
Mentone Reservoir Level	20.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	51	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/16/2015

Time: 7:30:00 AM

State Water Project

14.6			Deliveries					
A	BBMWD In-lieu	15.1	H	EVWD Treatment Plant	0.0	P	SARC West	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	Q	Zanja	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1	R	Tate Treatment Plant	0.0
D	Purchased Water	0.0	K	Edwards Canal	0.0	S	SBCFCD Grove	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0	T	Newport for BVMWC	1.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0	U	M/C spreading at Zanja Tate	0.0
G	Total SWP Inflows	15.1	N	BVMWC Boullioun Box	0.0	V	Total SWP Deliveries	15.1

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows				
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		8.3	A1	SAR PH #3 Penstock (calc)	0.0	
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	5.5	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	5.5	
J1	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		8.3	C1	Greenspot Pipeline	0.0	
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	8.3	
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		Seven Oaks Dam				F1	Greenspot Spill	1.9	
W1	Redlands Aqueduct / Sandbox	10.4				w	Observation at SOD		2150.0	E1	Main River Gage (USGS)	0.0	
Y1	Redlands Sandbox Spill	0.1	Other			x	SOD Reservoir Elevation (scada)		2151.3	D1a	BV Pick-Up gated	☐	
		minus	J1	Big Bear Lake Release	5.0	y	Debris Pool Elevation		0.0	A5	Total SAR Inflows		15.7
F1	Greenspot Spill	1.9	L1	SCE SAR AVM (SCADA)	7.3								
D1	BVMWC River PU (USGS)	8.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0								
I1	Redlands Tunnel	0.3											
A1	SAR PH #3 Penstock (calc)		0.0										
K1	PH3# Penstock (SCADA)		0.0										

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	10.4
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	5.5
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0

Irrigation		
D2	Boullioun Box Weir	5.5
minus		
B2	Gay Overflow	3.4
C2	Irrigation	2.1

minus		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	15.7

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	3.9	E3	M/C #1 Penstock Flow	9.0
B3	M/C #3 Penstock	5.1	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	9.0			

Mill Creek Deliveries

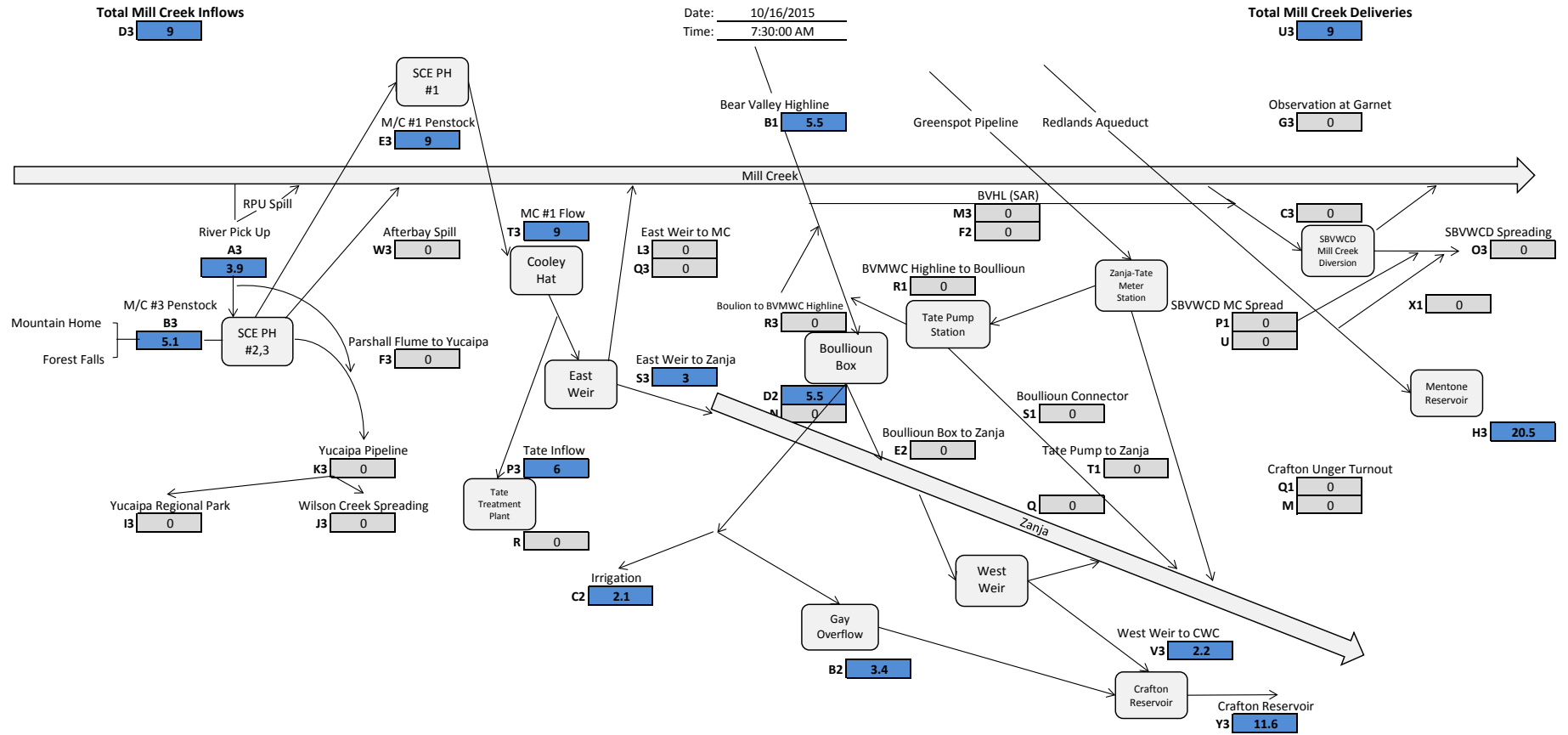
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.0	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	20.5
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	9.0	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	3.0	u3	Total MC Deliveries	9.0	v3	Zanja West Weir to CWC Canal	2.2
SBVWCD MC Spreading			t3	MC #1 Flow (Cooley Hat)	9.0				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
								y3	Crafton Reservoir Level (21.3)	11.6	

SBVWCD Recharge

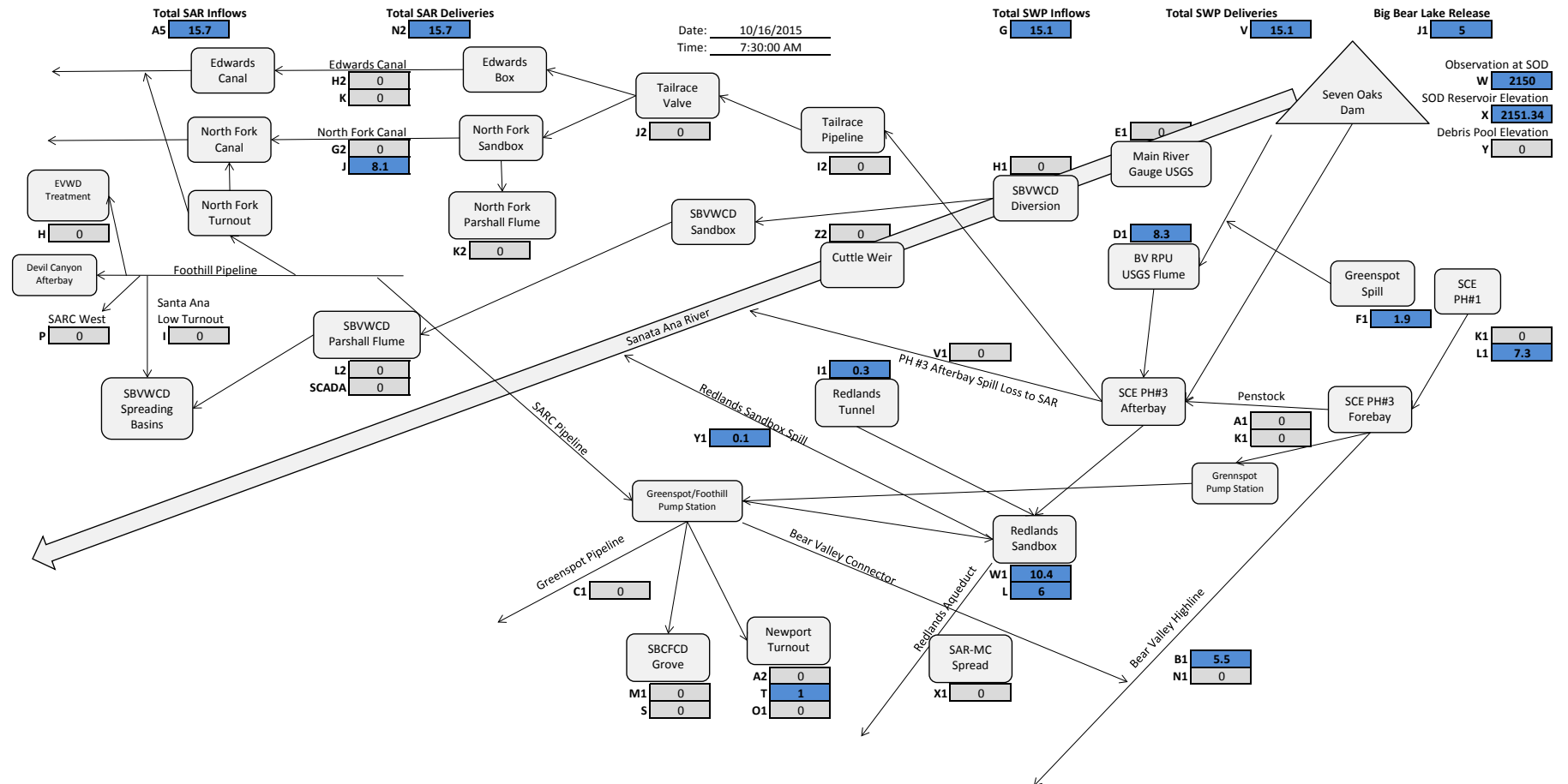
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	50.6	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cattle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/19/2015

Time: 7:30:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	22.9
N2	Total SAR Deliveries	22.9
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	22.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.9
W1	Redlands Aqueduct (calc)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.2
V	Total SWP Deliveries	14.2
J	Northfork Canal	8.2
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	9.4
U3	Total MC Deliveries	9.4
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	9.4

Reservoir Levels	Feet
Observation at SOD	2150.5
Crafton Reservoir Level (21.3)	11
Mentone Reservoir Level	21.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	124	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/19/2015
Time: 7:30:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	14.2	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.2
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.2	N	BVMWC Boullion Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.2

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows						
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		4.6	A1	SAR PH #3 Penstock (calc)	0.0			
H2	Edwards Canal	0.9	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)		10.0	B1	BVMWC Highline	0.0			
J2	Tailrace Valve to Parshall Flume	12.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		14.6	C1	Greenspot Pipeline	0.0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0										
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		0.0									
W1	Redlands Aqueduct / Sandbox	0.2				Seven Oaks Dam									
Y1	Redlands Sandbox Spill	0.1				w	Observation at SOD		2150.5	D1	BVMWC River PU (USGS)	4.6			
minus						x	SOD Reservoir Elevation (scada)		2151.3	F1	Greenspot Spill	8.3			
F1	Greenspot Spill	8.3	J1	Big Bear Lake Release		5.0	y	Debris Pool Elevation		0.0	E1	Main River Gage (USGS)	10.0		
D1	BVMWC River PU (USGS)	4.6	L1	SCE SAR AVM (SCADA)		11.5							D1a	BV Pick-Up gated	□
I1	Redlands Tunnel	0.3	X1	SAR-MC Spread (Red. Aqueduct)		0.0							A5	Total SAR Inflows	22.9
A1	SAR PH #3 Penstock (calc)	0.0													
K1	PH3# Penstock (SCADA)	0.0													

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.9
J2	Tailrace Valve to Parshall Flume	12.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	12.9

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	12.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	10.0
L2	SBVWCD Parshall Flume	22.0
	Parshall Flume (SCADA)	20.1

Irrigation		
D2	Boullioun Box Weir	0.0
		minus
B2	Gay Overflow	0.0
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	12.9
L2	SBVWCD Parshall Flume	22.0
		minus
J2	Tailrace Valve to Parshall Flume	12.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	22.9

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	4.0
B3	M/C #3 Penstock	5.4
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	9.4

Other		
E3	M/C #1 Penstock Flow	9.4
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.0	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	21.5
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	9.4	r3	Boulliou to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	3.4	u3	Total MC Deliveries	9.4	v3	Zanja West Weir to CWC Canal	2.0
			t3	MC #1 Flow (Cooley Hat)	9.4				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	11.0

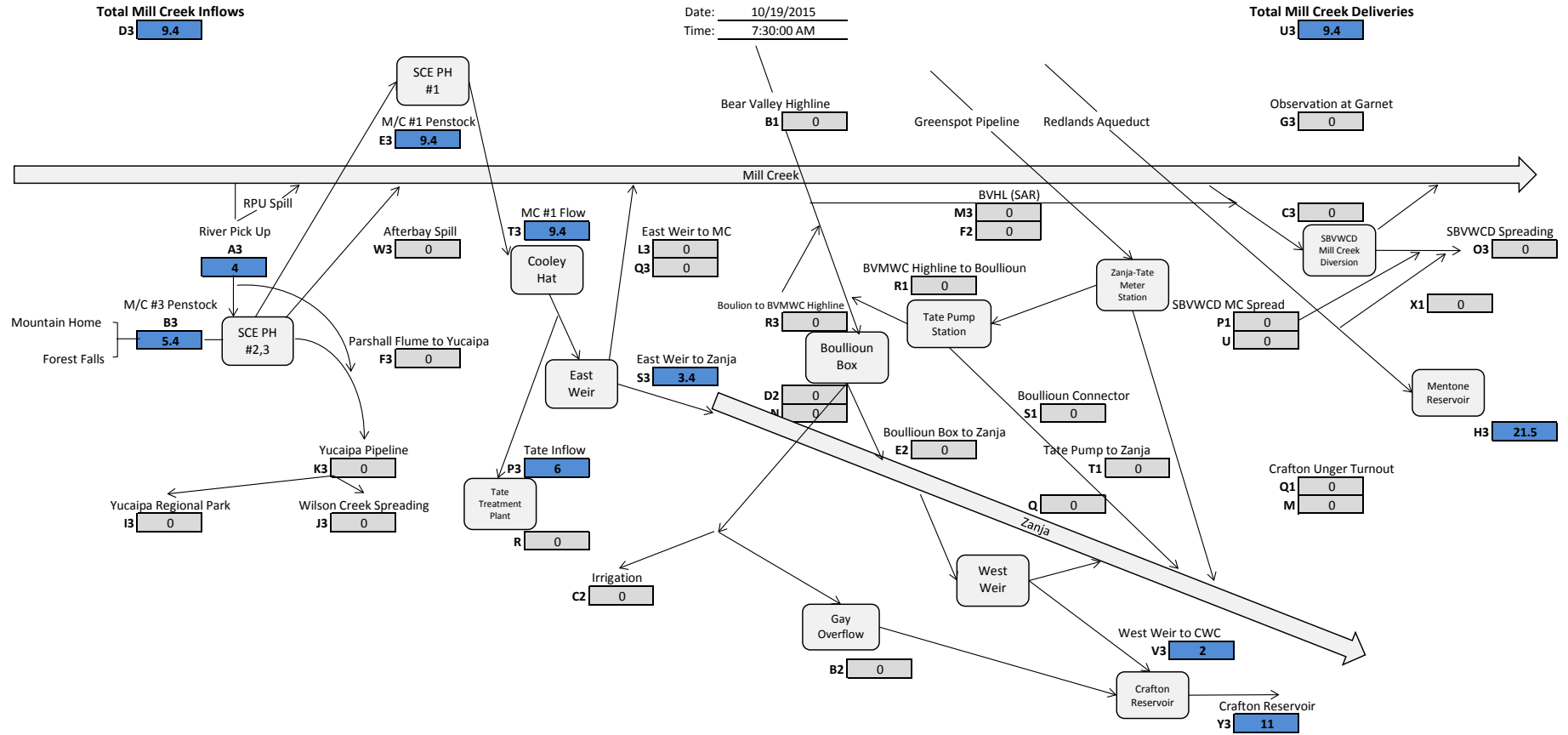
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

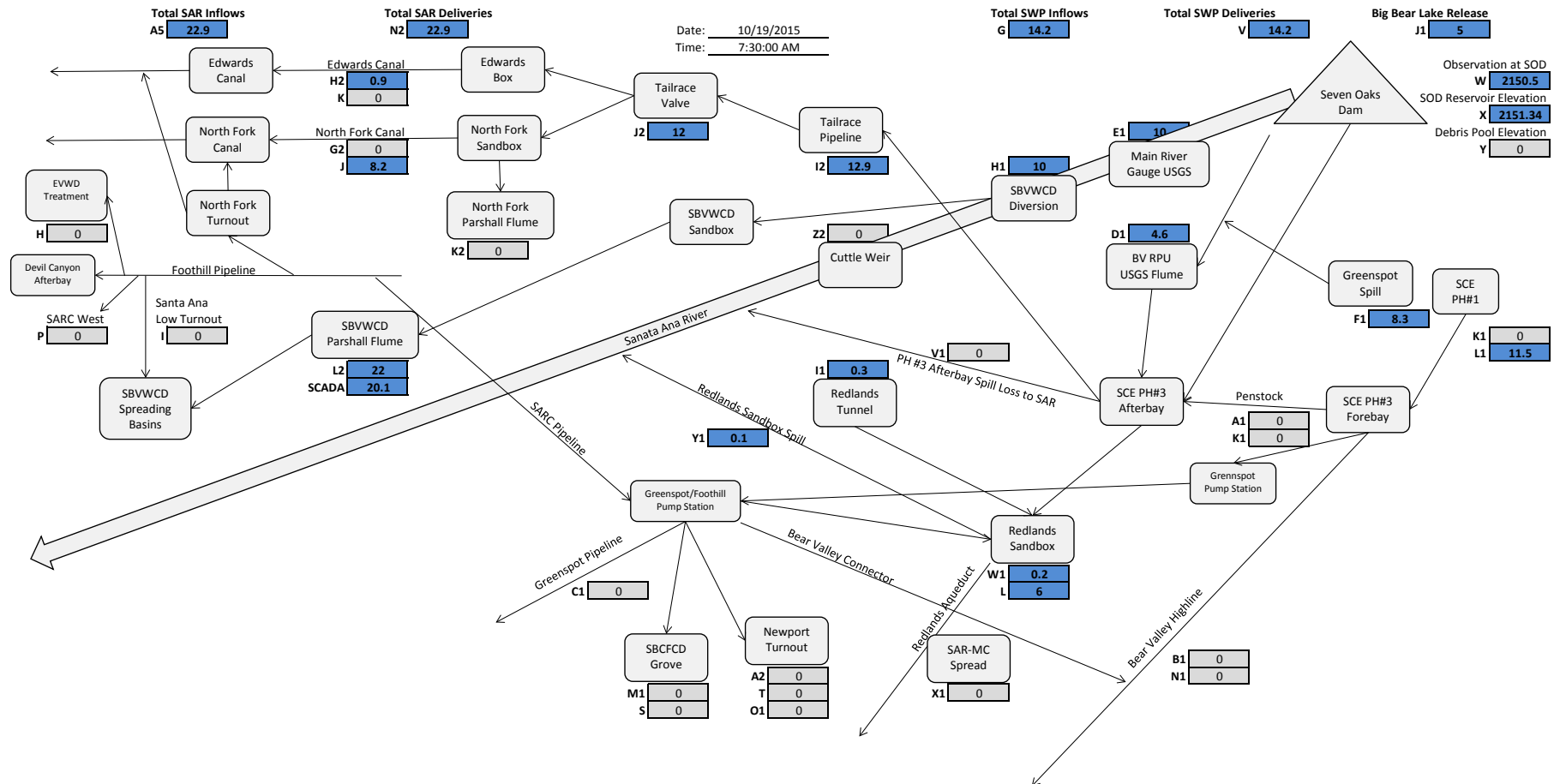
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	73.1	I4	123.7	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/20/2015

Time: 6:45:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	21.8
N2	Total SAR Deliveries	21.8
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	21.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.8
W1	Redlands Aqueduct (calc)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.0
V	Total SWP Deliveries	14.0
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	9.3
U3	Total MC Deliveries	9.3
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	9.3

Reservoir Levels	Feet
Observation at SOD	2150.5
Crafton Reservoir Level (21.3)	9.7
Mentone Reservoir Level	19.3

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	165	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The East Weir did not have water this morning, though the West Weir did, due to Redlands picking it all up and ramping up Tate for treatment.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/20/2015
Time: 6:45:00 AM

State Water Project

14.6		Deliveries			
A	BBMWD In-lieu	14.0	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.0	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.0

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows						
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		5.1	A1	SAR PH #3 Penstock (calc)	0.0			
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)		9.0	B1	BVMWC Highline	0.0			
J2	Tailrace Valve to Parshall Flume	12.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal			14.1	C1	Greenspot Pipeline	0.0		
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0								D1	BVMWC River PU (USGS)	5.1
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		0.0							F1	Greenspot Spill	7.7
W1	Redlands Aqueduct / Sandbox	0.2					Seven Oaks Dam						E1	Main River Gage (USGS)	9.0
Y1	Redlands Sandbox Spill	0.1					w	Observation at SOD		2150.5	D1a	BV Pick-Up gated	☐		
		minus					x	SOD Reservoir Elevation (scada)		2151.3	A5	Total SAR Inflows		21.8	
F1	Greenspot Spill	7.7	Other				y	Debris Pool Elevation		0.0					
D1	BVMWC River PU (USGS)	5.1	J1	Big Bear Lake Release		5.0									
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)		11.2									
A1	SAR PH #3 Penstock (calc)		0.0	X1		SAR-MC Spread (Red. Aqueduct)	0.0								
K1	PH3# Penstock (SCADA)		0.0												

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.8
J2	Tailrace Valve to Parshall Flume	12.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	12.8

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	12.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	9.0
L2	SBVWCD Parshall Flume	21.0
	Parshall Flume (SCADA)	20.4

Irrigation		
D2	Boullioun Box Weir	0.0
		minus
B2	Gay Overflow	2.5
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	12.8
L2	SBVWCD Parshall Flume	21.0
		minus
J2	Tailrace Valve to Parshall Flume	12.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	21.8

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	4.0
B3	M/C #3 Penstock	5.3
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	9.3

Other		
E3	M/C #1 Penstock Flow	9.3
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.0	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	19.3
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	9.3	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	3.3	u3	Total MC Deliveries	9.3	v3	Zanja West Weir to CWC Canal	0.0
			t3	MC #1 Flow (Cooley Hat)	9.3			w3	Mill Creek PH #2,3 Afterbay Spill	0.0	
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	9.7

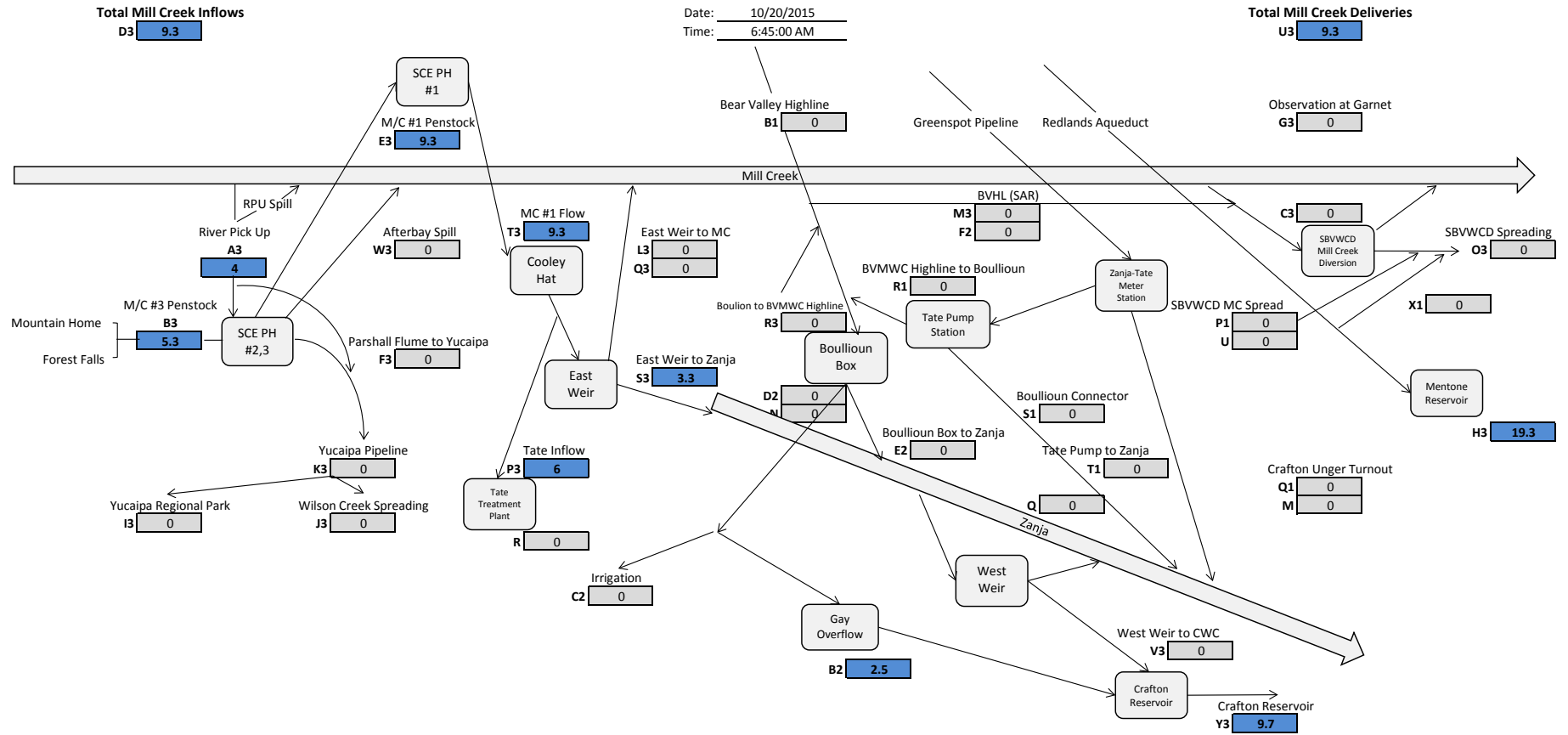
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

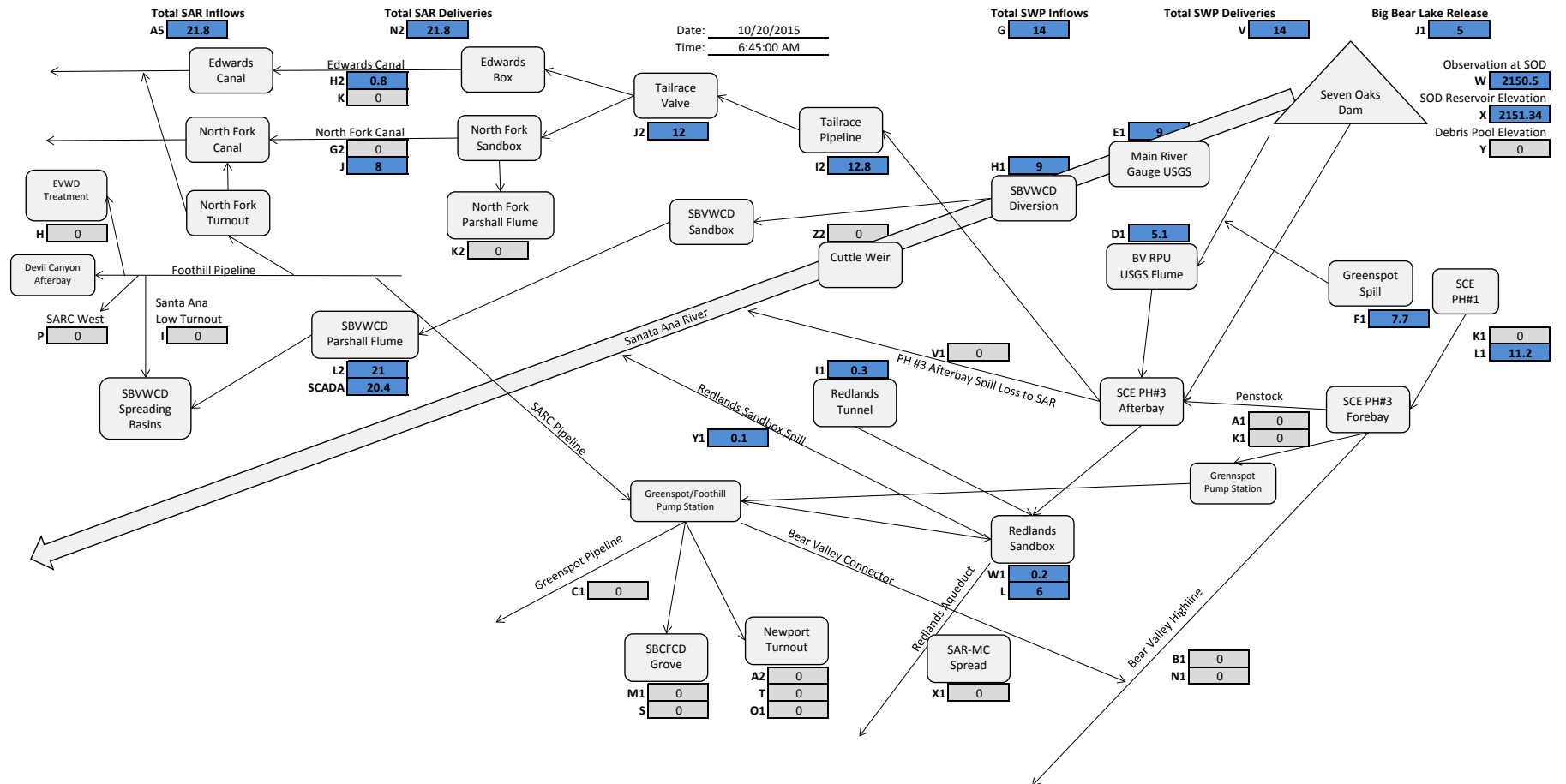
Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	41.7	I4	165.4	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0	
B4	Santa Ana River	SWP	F4	0.0	J4	0.0	
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800
D4	Mill Creek	SWP	H4	0.0	L4	0	714
	SBVMWD	SWP					
	WMWD	SWP					
SAR Passing Cuttle Weir		0	Share of Lost Flow		Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/21/2015

Time: 7:05:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	20.6
N2	Total SAR Deliveries	20.6
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	6.5
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	13.3
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.8
W1	Redlands Aqueduct (calc)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	20.0
V	Total SWP Deliveries	20.0
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	5.8
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	8.4
U3	Total MC Deliveries	8.4
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	8.4

Reservoir Levels	Feet
Observation at SOD	2150.5
Crafton Reservoir Level (21.3)	12.4
Mentone Reservoir Level	19.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	193	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/21/2015
Time: 7:05:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	20.0	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	5.8
G	Total SWP Inflows	20.0	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.2
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	20.0

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		11.7	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	6.5	E1	Main River Gage (USGS)		1.0	B1	BVMWC Highline	6.5
J2	Tailrace Valve to Parshall Flume	12.3	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		12.7	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	Seven Oaks Dam			w	Observation at SOD		2150.5
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline						6.5	x	SOD Reservoir Elevation (scada)
W1	Redlands Aqueduct / Sandbox	0.2	Other			y	Debris Pool Elevation		0.0	D1a	BV Pick-Up gated	☐
Y1	Redlands Sandbox Spill	0.1				J1	Big Bear Lake Release		5.0			A5
		minus	L1	SCE SAR AVM (SCADA)		10.0						
F1	Greenspot Spill	1.4	X1	SAR-MC Spread (Red. Aqueduct)		0.0						
D1	BVMWC River PU (USGS)	11.7										
I1	Redlands Tunnel	0.3										
A1	SAR PH #3 Penstock (calc)		0.0									
K1	PH3# Penstock (SCADA)		0.0									

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.8
J2	Tailrace Valve to Parshall Flume	12.3
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	13.1

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	12.3
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	1.0
L2	SBVWCD Parshall Flume	13.3
	Parshall Flume (SCADA)	13.3

Irrigation		
D2	Boullioun Box Weir	6.5
		minus
B2	Gay Overflow	4.9
C2	Irrigation	1.6

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	0.2
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	6.5
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	13.1
L2	SBVWCD Parshall Flume	13.3
		minus
J2	Tailrace Valve to Parshall Flume	12.3
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	20.6

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	3.7
B3	M/C #3 Penstock	4.7
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	8.4

Other		
E3	M/C #1 Penstock Flow	8.4
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	6.3	C3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	19.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	8.4	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	2.1	U3	Total MC Deliveries	8.4	V3	Zanja West Weir to CWC Canal	3.5
			T3	MC #1 Flow (Cooley Hat)	8.4				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									Y3	Crafton Reservoir Level (21.3)	12.4

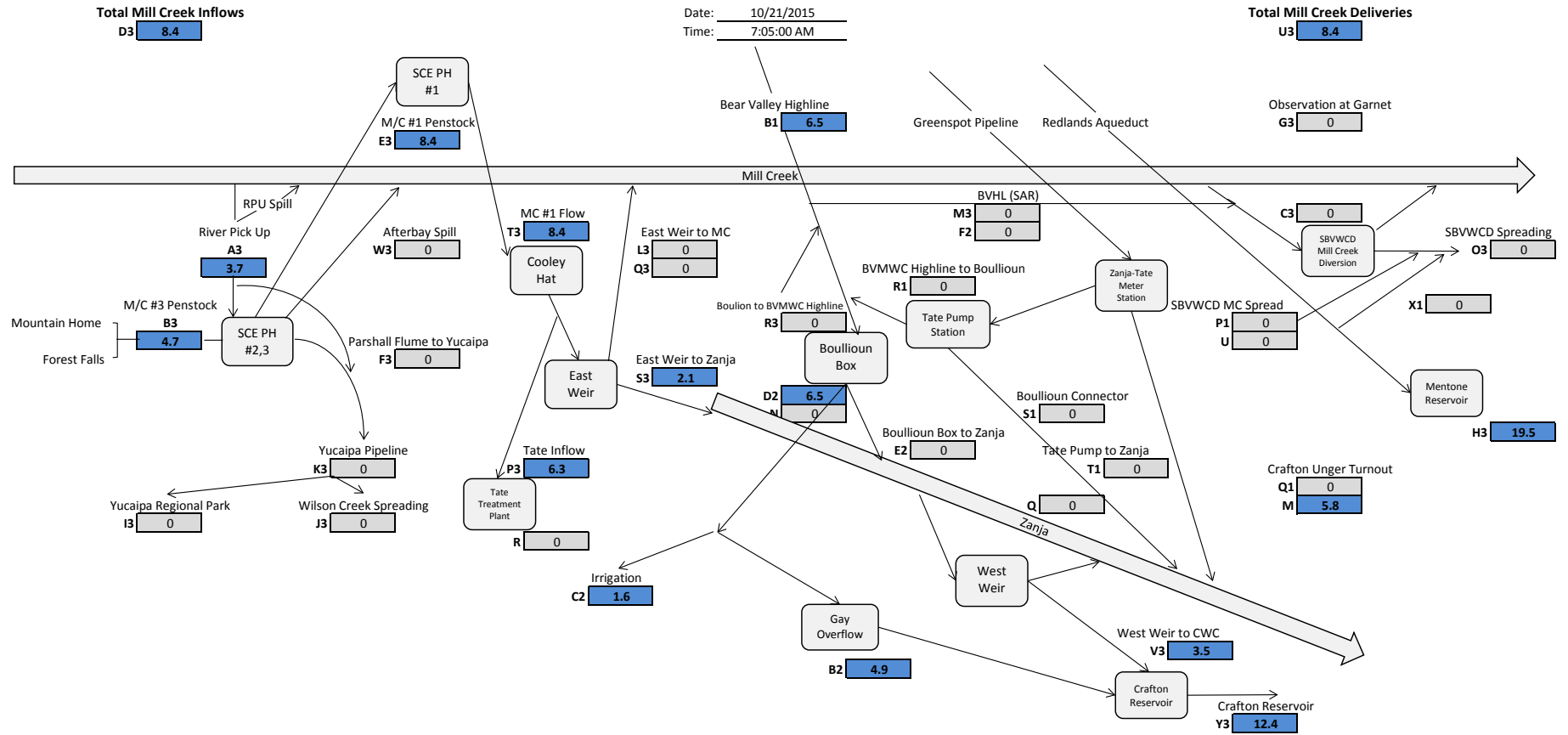
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	28.0	I4	193.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

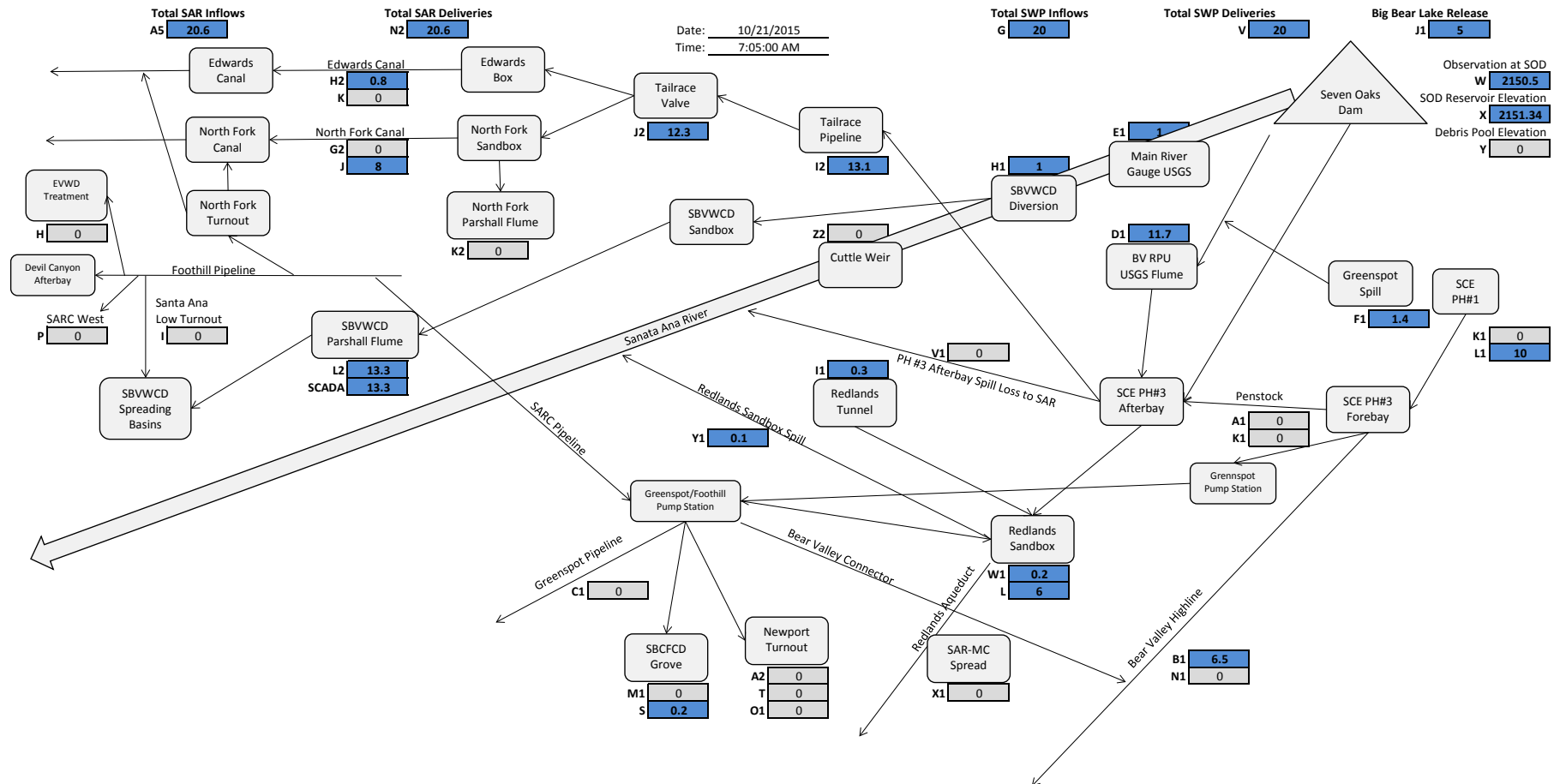
Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/22/2015

Time: 7:15:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	22.2
N2	Total SAR Deliveries	22.2
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	6.6
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	2.7
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	1.1
W1	Redlands Aqueduct (calc)	11.8

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	21.1
V	Total SWP Deliveries	21.1
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	6.0
T	Newport to BVMWC	1.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.4
U3	Total MC Deliveries	7.4
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	7.4

Reservoir Levels	Feet
Observation at SOD	2150.5
Crafton Reservoir Level (21.3)	15
Mentone Reservoir Level	21.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/22/2015
Time: 7:15:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	21.1	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	6.0
G	Total SWP Inflows	21.1	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	1.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	21.1

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows						
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		9.7	A1	SAR PH #3 Penstock (calc)	0.0			
H2	Edwards Canal	1.1	D2	Boullioun Box Weir	6.6	E1	Main River Gage (USGS)		2.7	B1	BVMWC Highline	6.6			
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		12.4	C1	Greenspot Pipeline	0.0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0								D1	BVMWC River PU (USGS)	9.7
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		6.6							F1	Greenspot Spill	3.2
W1	Redlands Aqueduct / Sandbox	12.0											E1	Main River Gage (USGS)	2.7
Y1	Redlands Sandbox Spill	0.1											D1a	BV Pick-Up gated	□
minus													A5	Total SAR Inflows	22.2
F1	Greenspot Spill	3.2													
D1	BVMWC River PU (USGS)	9.7													
I1	Redlands Tunnel	0.3													
A1	SAR PH #3 Penstock (calc)	0.0													
K1	PH3# Penstock (SCADA)	0.0													

J1	Big Bear Lake Release	5.0
L1	SCE SAR AVM (SCADA)	10.3
X1	SAR-MC Spread (Red. Aqueduct)	0.0

w	Observation at SOD	2150.5
x	SOD Reservoir Elevation (scada)	2151.3
y	Debris Pool Elevation	0.0

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	1.1
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	1.1

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	2.7
L2	SBVWCD Parshall Flume	2.7
	Parshall Flume (SCADA)	2.7

Irrigation		
D2	Boullioun Box Weir	6.6
		minus
B2	Gay Overflow	4.4
C2	Irrigation	2.2

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	12.0
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	6.6
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	1.1
L2	SBVWCD Parshall Flume	2.7
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	22.2

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	2.6
B3	M/C #3 Penstock	4.8
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	7.4

Other		
E3	M/C #1 Penstock Flow	7.4
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	6.7	C3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	21.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	7.4	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.7	U3	Total MC Deliveries	7.4	V3	Zanja West Weir to CWC Canal	3.0
			T3	MC #1 Flow (Cooley Hat)	7.4				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									Y3	Crafton Reservoir Level (21.3)	15.0

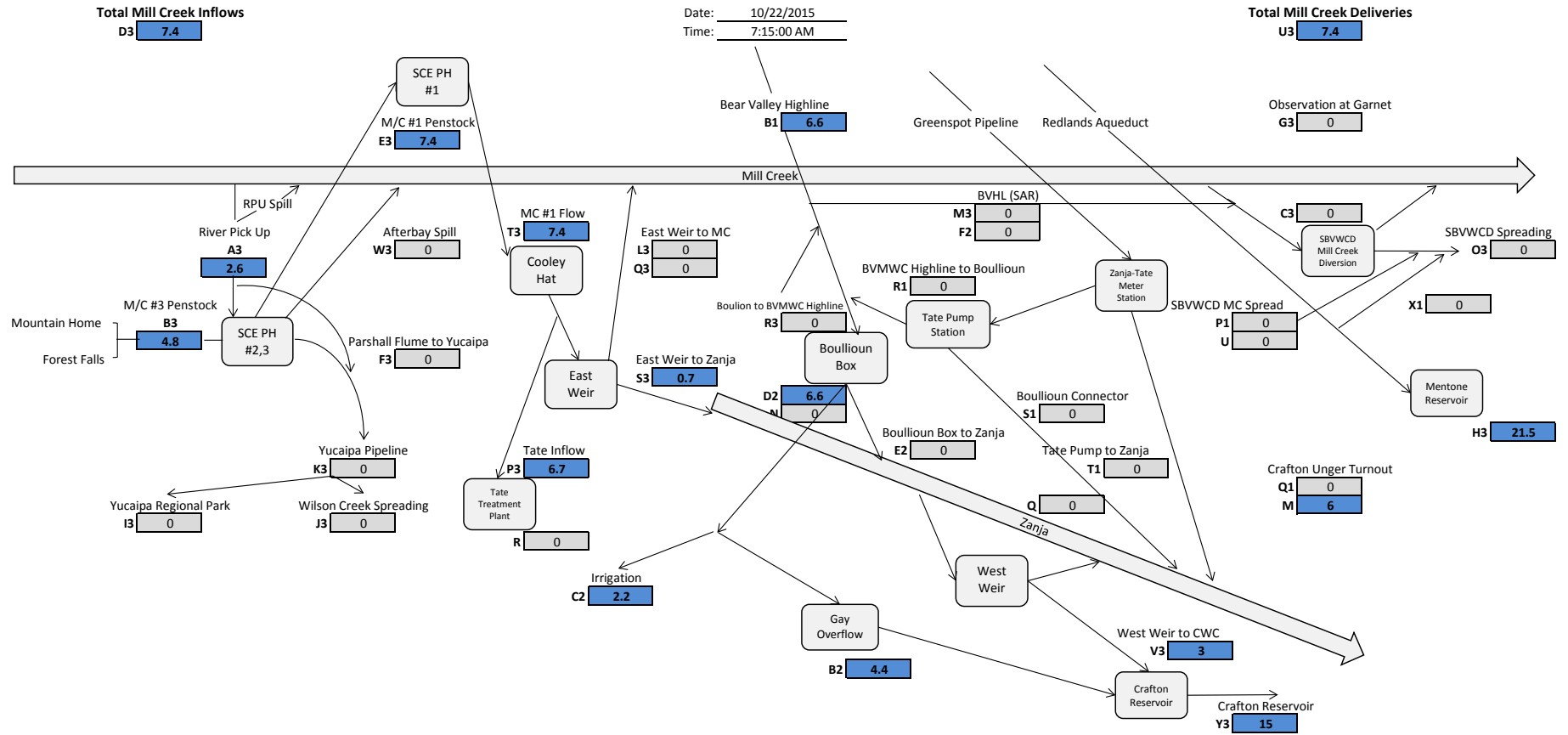
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	4.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

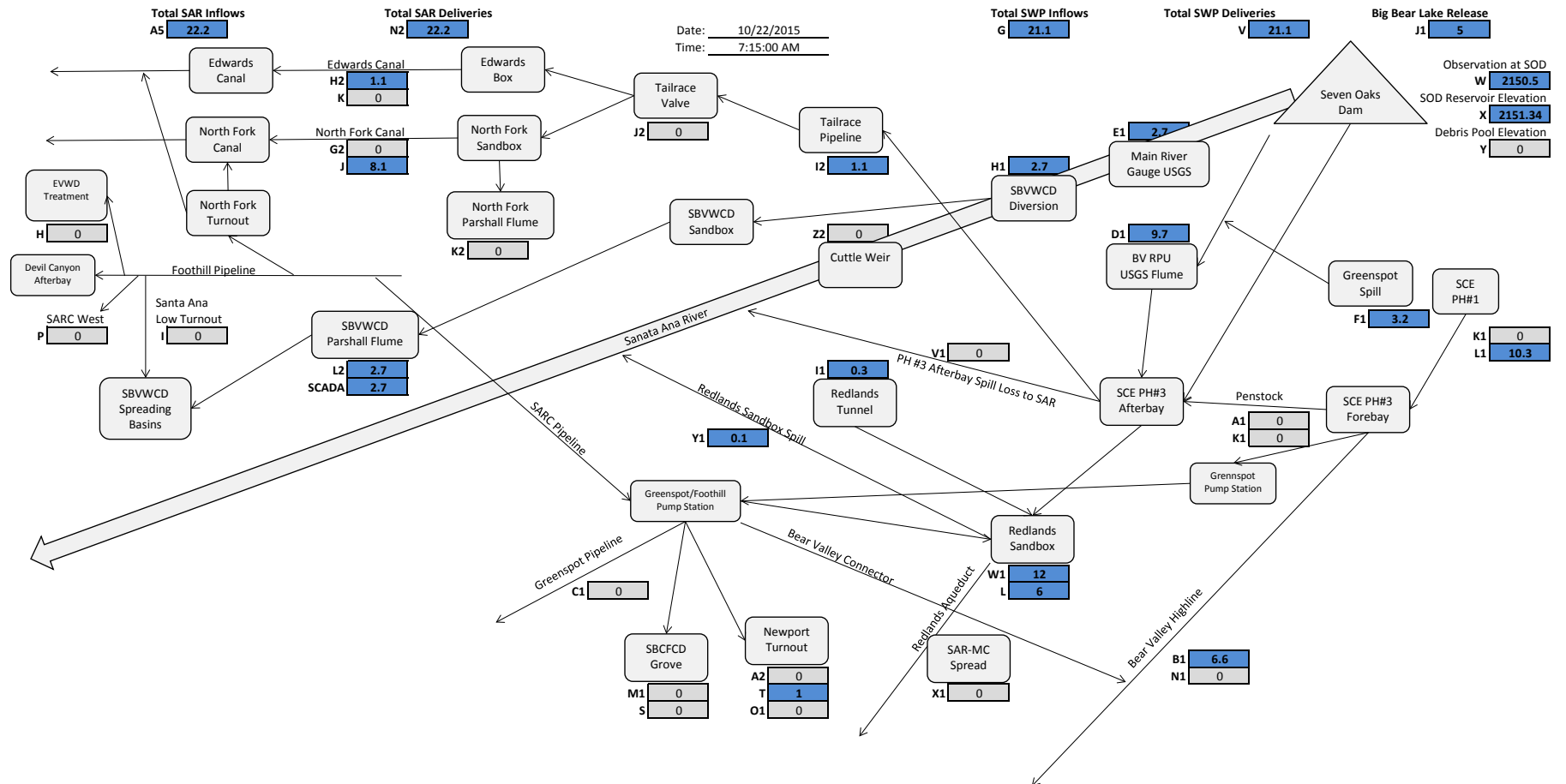
Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/23/2015

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	20.3
N2	Total SAR Deliveries	20.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	6.7
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	13.6

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	15.0
V	Total SWP Deliveries	15.0
J	Northfork Canal	8.1
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	5.9
T	Newport to BVMWC	1.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	9.2
U3	Total MC Deliveries	9.2
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	9.2

Reservoir Levels	Feet
Observation at SOD	2150.3
Crafton Reservoir Level (21.3)	16.2
Mentone Reservoir Level	20.2

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/23/2015
Time: 7:00:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	15.0	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0
F	Recharge Project	0.0	M	Crafton Unger Lane	5.9
G	Total SWP Inflows	15.0	N	BVMWC Boulliou Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	1.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	15.0

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows						
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		10.6	A1	SAR PH #3 Penstock (calc)	0.0			
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	6.7	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	6.7			
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		10.6	C1	Greenspot Pipeline	0.0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	10.6			
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		6.7					F1	Greenspot Spill	3.0		
W1	Redlands Aqueduct / Sandbox	13.8										E1	Main River Gage (USGS)	0.0	
Y1	Redlands Sandbox Spill	0.1										D1a	BV Pick-Up gated	☐	
minus												A5	Total SAR Inflows		20.3
F1	Greenspot Spill	3.0													
D1	BVMWC River PU (USGS)	10.6													
I1	Redlands Tunnel	0.3													
A1	SAR PH #3 Penstock (calc)		0.0												
K1	PH3# Penstock (SCADA)		0.0												

Other		
J1	Big Bear Lake Release	5.0
L1	SCE SAR AVM (SCADA)	10.4
X1	SAR-MC Spread (Red. Aqueduct)	0.0

w	Observation at SOD	2150.3
x	SOD Reservoir Elevation (scada)	2151.3
y	Debris Pool Elevation	0.0

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.7

Irrigation		
D2	Boullioun Box Weir	6.7
minus		
B2	Gay Overflow	4.6
C2	Irrigation	2.1

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	13.8
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	6.7
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
minus		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	20.3

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	3.9
B3	M/C #3 Penstock	5.3
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	9.2

Other		
E3	M/C #1 Penstock Flow	9.2
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.7	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	20.2
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	9.2	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	2.5	u3	Total MC Deliveries	9.2	v3	Zanja West Weir to CWC Canal	3.5
			t3	MC #1 Flow (Cooley Hat)	9.2				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	16.2

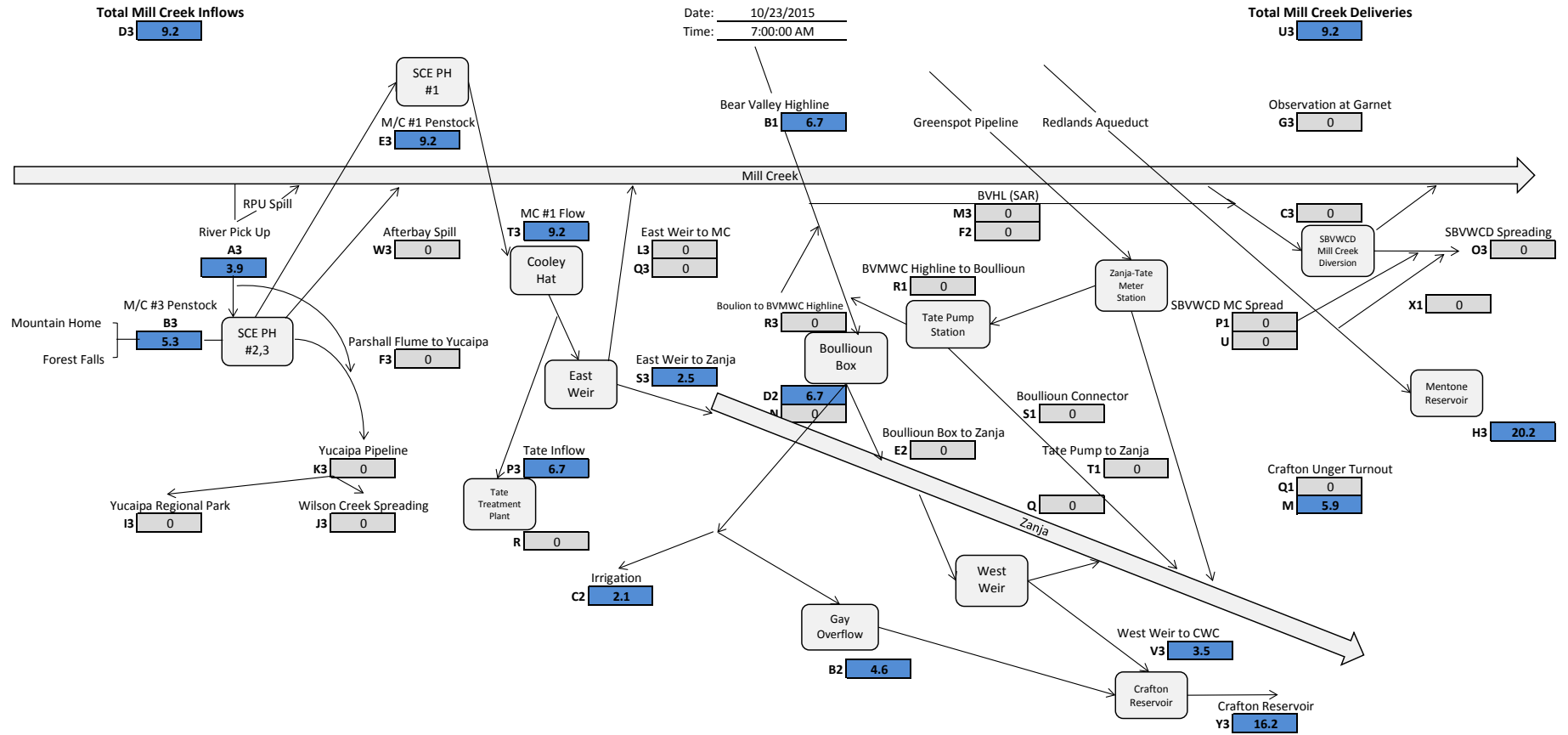
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

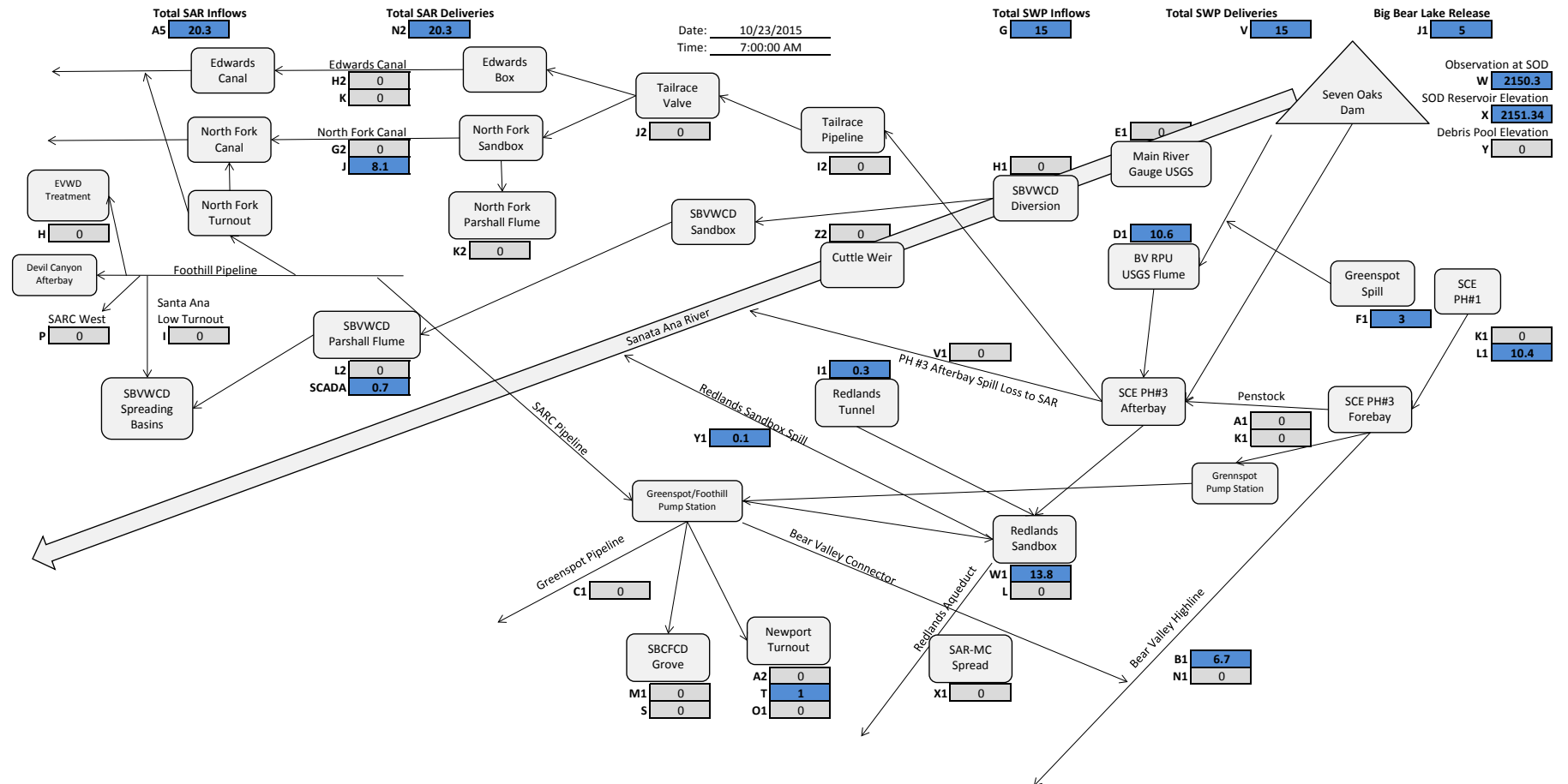
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/26/2015

Time: 7:15:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	17.9
N2	Total SAR Deliveries	17.9
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	3.8
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	14.1

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	8.1
V	Total SWP Deliveries	8.1
J	Northfork Canal	8.1
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	8.2
U3	Total MC Deliveries	8.2
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	8.2

Reservoir Levels	Feet
Observation at SOD	2150.2
Crafton Reservoir Level (21.3)	18
Mentone Reservoir Level	18.8

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/26/2015
Time: 7:15:00 AM

State Water Project

14.6			Deliveries		
A	BBMWD In-lieu	8.1	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	8.1	N	BVMWC Boullioun Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	8.1

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows				
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		8.8	A1	SAR PH #3 Penstock (calc)	0.0	
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	3.8	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	3.8	
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		8.8	C1	Greenspot Pipeline	0.0	
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	8.8	
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline		3.8					F1	Greenspot Spill	5.3
W1	Redlands Aqueduct / Sandbox	14.3								E1	Main River Gage (USGS)	0.0	
Y1	Redlands Sandbox Spill	0.1								D1a	BV Pick-Up gated	☐	
minus										A5	Total SAR Inflows		17.9
F1	Greenspot Spill	5.3											
D1	BVMWC River PU (USGS)	8.8											
I1	Redlands Tunnel	0.3											
A1	SAR PH #3 Penstock (calc)	0.0											
K1	PH3# Penstock (SCADA)	0.0											

Other		
J1	Big Bear Lake Release	5.0
L1	SCE SAR AVM (SCADA)	10.2
X1	SAR-MC Spread (Red. Aqueduct)	0.0

W	Observation at SOD	2150.2
X	SOD Reservoir Elevation (scada)	2151.3
Y	Debris Pool Elevation	0.0

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	3.8
minus		
B2	Gay Overflow	3.8
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	14.3
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	3.8
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
minus		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	17.9

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	3.5	E3	M/C #1 Penstock Flow	8.2
B3	M/C #3 Penstock	4.7	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	8.2			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.7	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	18.8
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	8.2	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	1.5	u3	Total MC Deliveries	8.2	v3	Zanja West Weir to CWC Canal	0.8
			t3	MC #1 Flow (Cooley Hat)	8.2				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	18.0

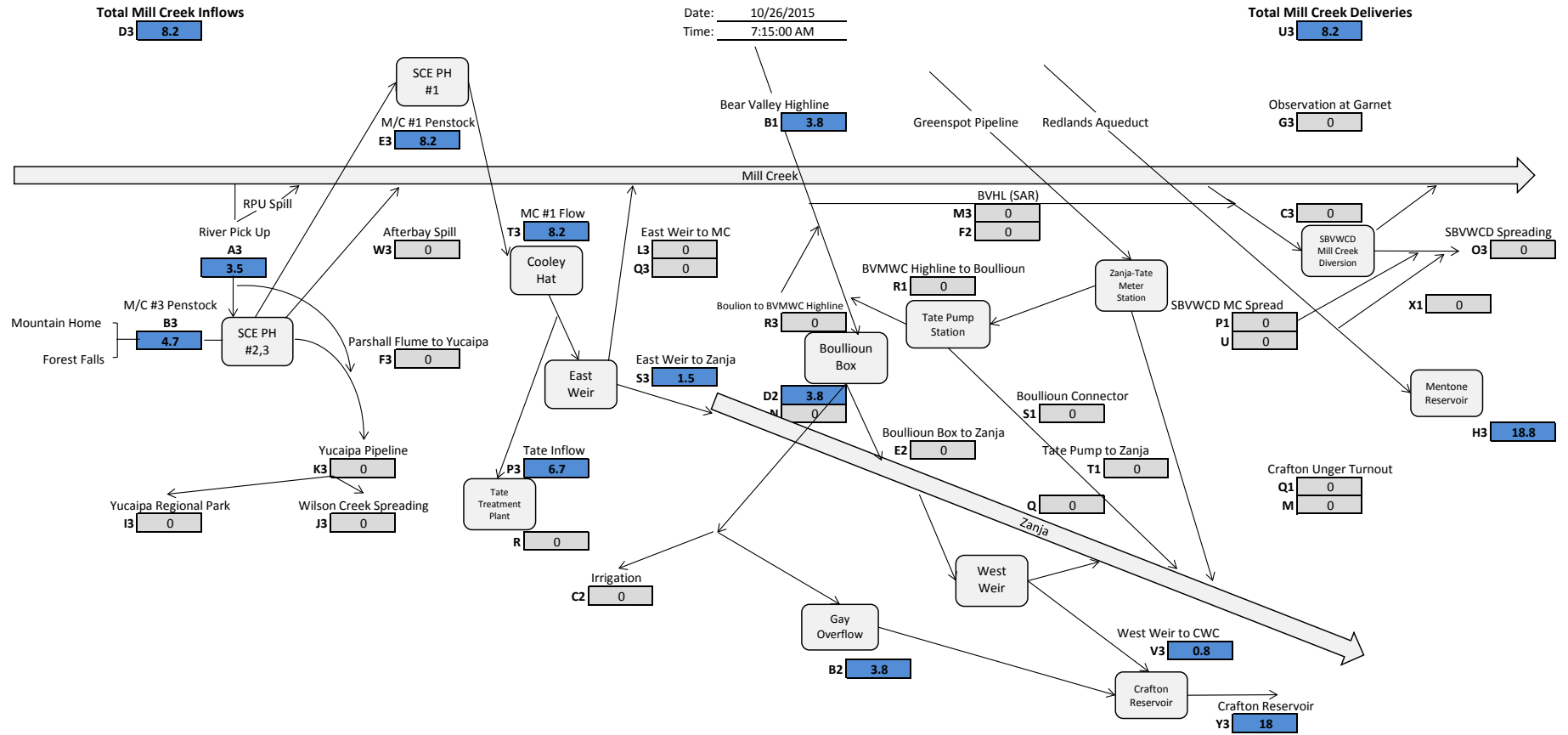
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

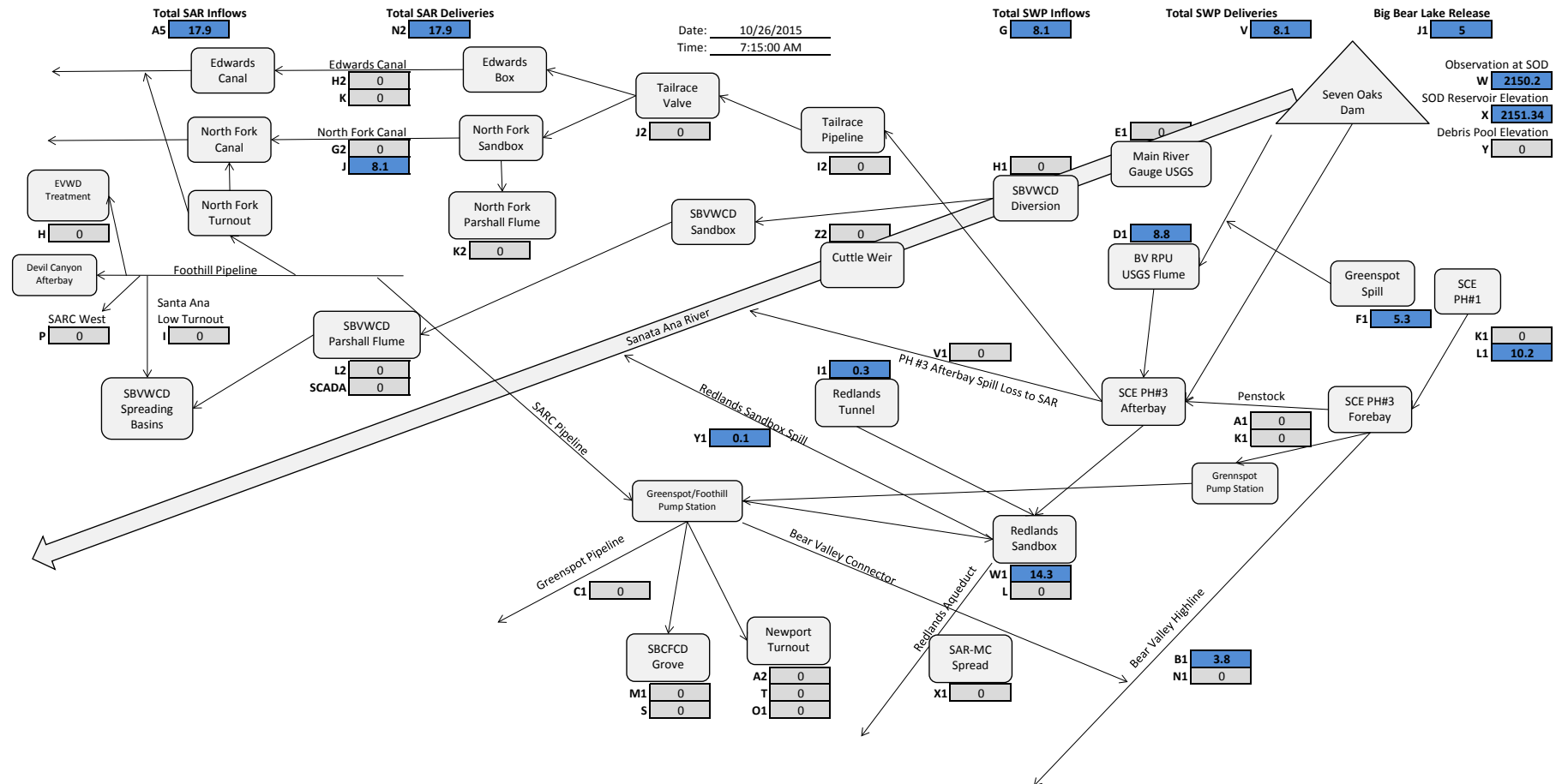
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/27/2015

Time: 7:15:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	9.3
N2	Total SAR Deliveries	9.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.8
W1	Redlands Aqueduct (calc)	5.9

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	8.2
V	Total SWP Deliveries	8.2
J	Northfork Canal	8.2
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	8.4
U3	Total MC Deliveries	8.4
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	8.4

Reservoir Levels	Feet
Observation at SOD	2150.2
Crafton Reservoir Level (21.3)	17.5
Mentone Reservoir Level	18.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/27/2015

Time: 7:15:00 AM

State Water Project

14.6			Deliveries					
A	BBMWD In-lieu	8.2	H	EVWD Treatment Plant	0.0	P	SARC West	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	Q	Zanja	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.2	R	Tate Treatment Plant	0.0
D	Purchased Water	0.0	K	Edwards Canal	0.0	S	SBCFCD Grove	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0	T	Newport for BVMWC	0.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0	U	M/C spreading at Zanja Tate	0.0
G	Total SWP Inflows	8.2	N	BVMWC Boullioun Box	0.0	V	Total SWP Deliveries	8.2

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		4.5	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	2.6	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	2.6
J1	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		4.5	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	4.5
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 2.6						F1	Greenspot Spill	2.2
W1	Redlands Aqueduct / Sandbox	6.1				Seven Oaks Dam				E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.1				w	Observation at SOD		2150.2	D1a	BV Pick-Up gated	☐
minus			Other			x	SOD Reservoir Elevation (scada)		2151.3	Total SAR Inflows		9.3
F1	Greenspot Spill	2.2	J1	Big Bear Lake Release	5.0	y	Debris Pool Elevation		0.0			
D1	BVMWC River PU (USGS)	4.5	L1	SCE SAR AVM (SCADA)	5.5							
I1	Redlands Tunnel	0.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0							
A1	SAR PH #3 Penstock (calc) 0.0											
K1	PH3# Penstock (SCADA) 0.0											

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.8
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.8

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	2.6
minus		
B2	Gay Overflow	2.6
C2	Irrigation	0.0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	6.1
Y1	Redlands Sandbox Spill	0.1
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.8
L2	SBVWCD Parshall Flume	0.0
minus		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	9.3

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	3.1	E3	M/C #1 Penstock Flow	8.4
B3	M/C #3 Penstock	5.3	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	8.4			

Mill Creek Deliveries

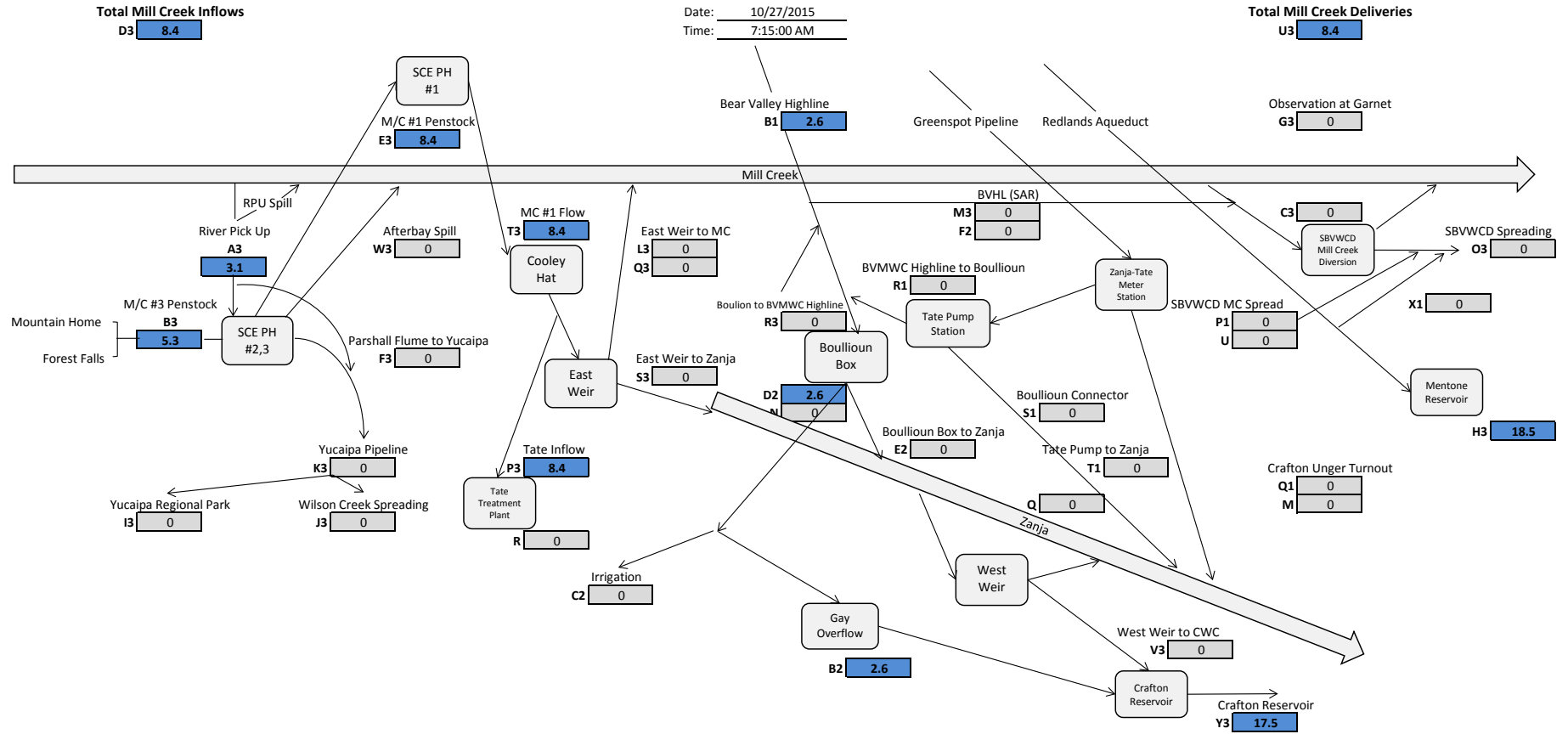
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	8.4	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	18.5
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	8.4	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	0.0	u3	Total MC Deliveries	8.4	v3	Zanja West Weir to CWC Canal	0.0
SBVWCD MC Spreading			t3	MC #1 Flow (Cooley Hat)	8.4				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
								y3	Crafton Reservoir Level (21.3)	17.5	

SBVWCD Recharge

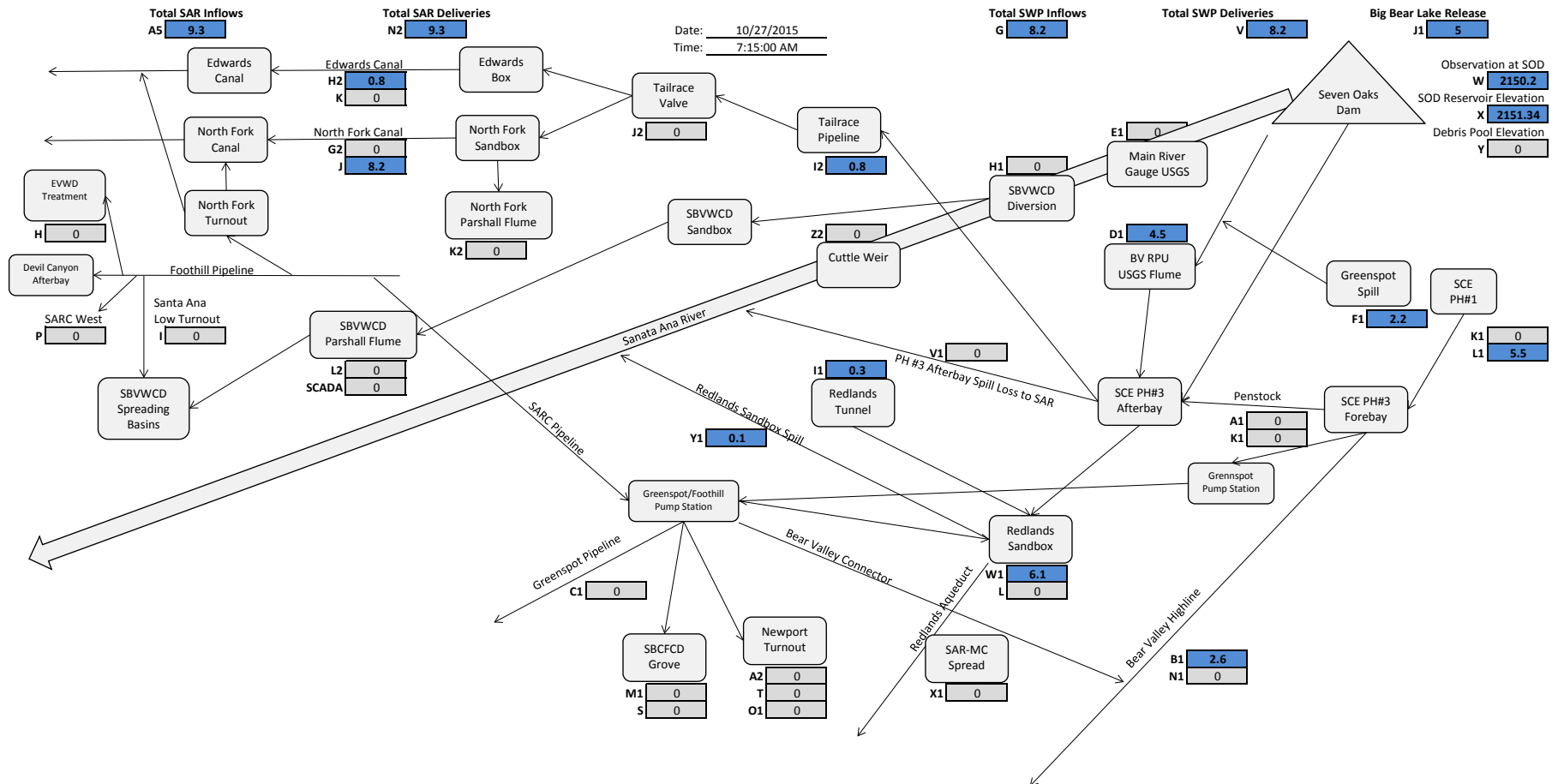
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/28/2015

Time: 7:15:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	9.6
N2	Total SAR Deliveries	9.6
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.8
W1	Redlands Aqueduct (calc)	6.2

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	16.6
V	Total SWP Deliveries	16.6
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.5

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	7.5
U3	Total MC Deliveries	7.5
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	7.5

Reservoir Levels	Feet
Observation at SOD	2150.2
Crafton Reservoir Level (21.3)	16
Mentone Reservoir Level	18.5

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/28/2015

Time: 7:15:00 AM

State Water Project

Inflows			Deliveries					
A	BBMWD In-lieu	16.6	H	EVWD Treatment Plant	0.0	P	SARC West	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	Q	Zanja	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1	R	Tate Treatment Plant	2.0
D	Purchased Water	0.0	K	Edwards Canal	0.0	S	SBCFCD Grove	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0	T	Newport for BVMWC	0.5
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0	U	M/C spreading at Zanja Tate	0.0
G	Total SWP Inflows	16.6	N	BVMWC Boullioun Box	0.0	V	Total SWP Deliveries	16.6

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows				
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		4.4	A1	SAR PH #3 Penstock (calc)	0.0	
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	2.6	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	2.6	
J1	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		4.4	C1	Greenspot Pipeline	0.0	
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	Seven Oaks Dam							
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline									2.6
W1	Redlands Aqueduct / Sandbox	6.4	Other			W	Observation at SOD		2150.2	D1	BVMWC River PU (USGS)	4.4	
Y1	Redlands Sandbox Spill	0.1				J1	Big Bear Lake Release		5.0	X	SOD Reservoir Elevation (scada)		2151.3
minus			L1	SCE SAR AVM (SCADA)		5.7	Y	Debris Pool Elevation		0.0	E1	Main River Gage (USGS)	0.0
F1	Greenspot Spill	2.6	X1	SAR-MC Spread (Red. Aqueduct)		0.0							
D1	BVMWC River PU (USGS)	4.4											
I1	Redlands Tunnel	0.3											
A1	SAR PH #3 Penstock (calc)	0.0											
K1	PH3# Penstock (SCADA)	0.0				D1a BV Pick-Up gated ☐							
						A5 Total SAR Inflows 9.6							

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.8
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.8

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	2.6
		minus
B2	Gay Overflow	1.4
C2	Irrigation	1.2

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	6.4
Y1	Redlands Sandbox Spill	0.1
Z1	Cuttle Weir To River	0.0
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.8
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	9.6

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.7	E3	M/C #1 Penstock Flow	7.5
B3	M/C #3 Penstock	4.8	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	7.5			

Mill Creek Deliveries

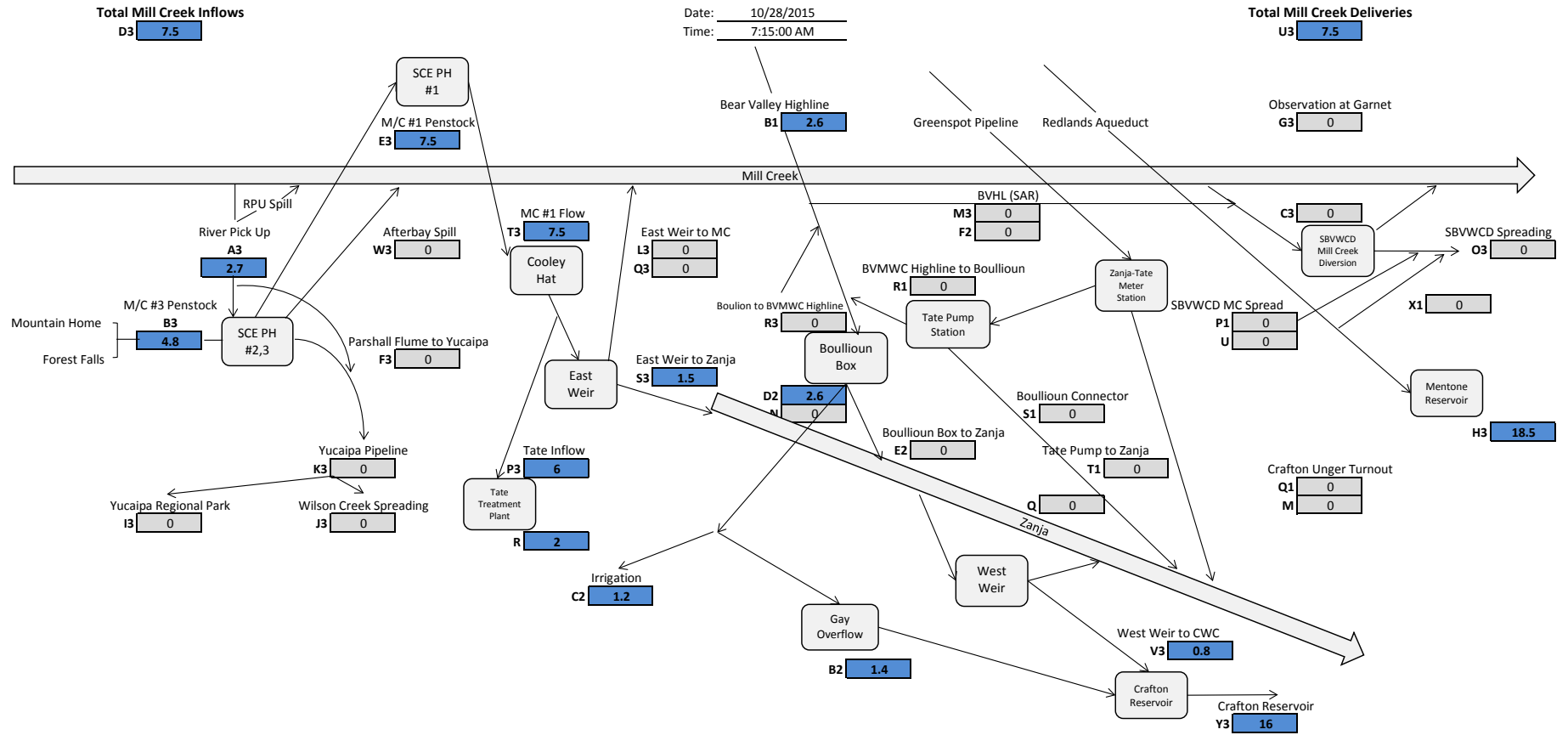
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
j3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.0	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	18.5
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	7.5	r3	Boullion to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	1.5	u3	Total MC Deliveries	7.5	v3	Zanja West Weir to CWC Canal	0.8
			t3	MC #1 Flow (Cooley Hat)	7.5				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	16.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

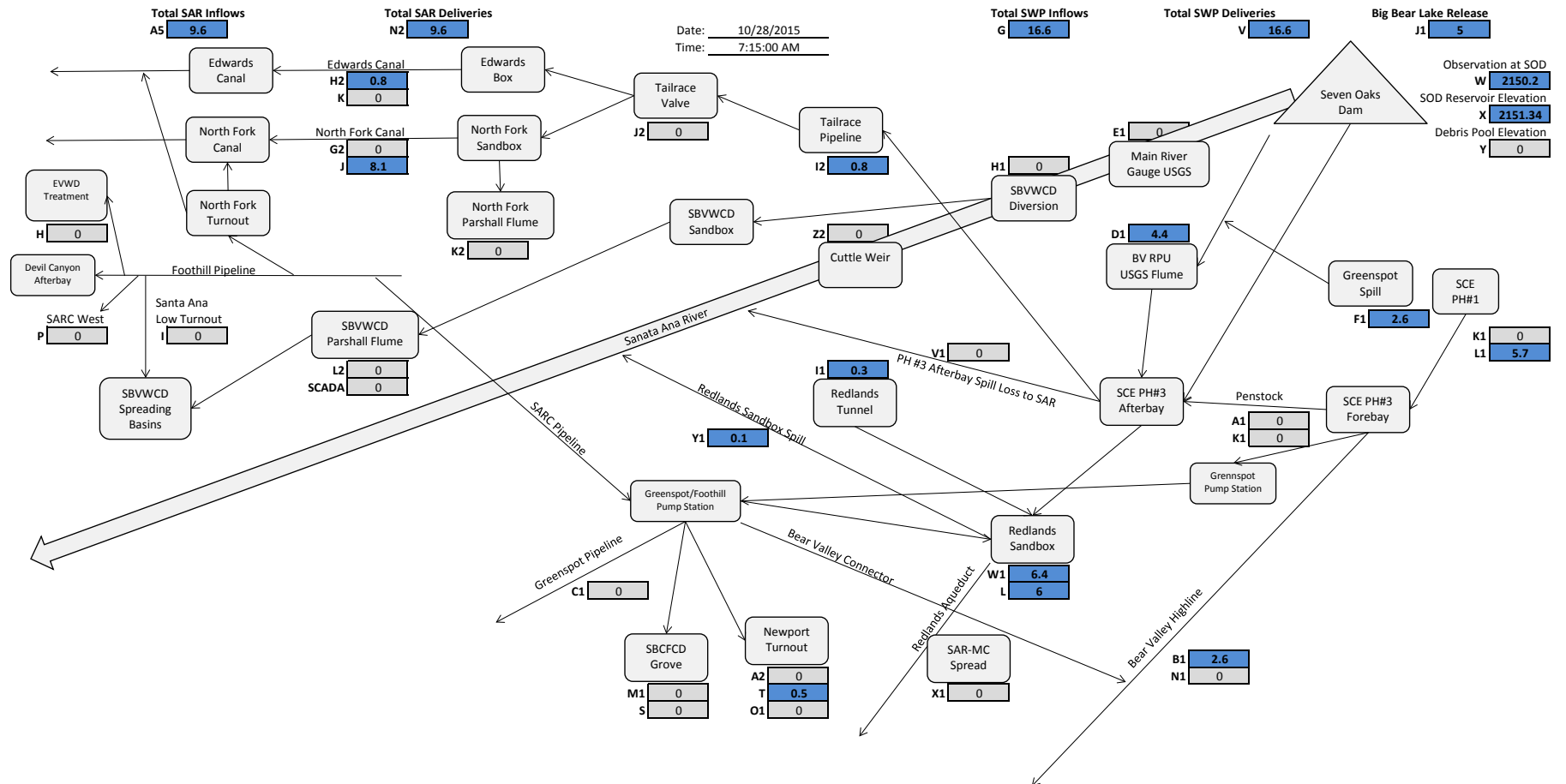
Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project

Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/29/2015

Time: 6:50:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	6.4
N2	Total SAR Deliveries	6.4
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	2.4
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.8
W1	Redlands Aqueduct (calc)	3.2

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.5
V	Total SWP Deliveries	14.5
J	Northfork Canal	8.0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.5

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	6.8
U3	Total MC Deliveries	6.8
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	6.8

Reservoir Levels	Feet
Observation at SOD	2150.2
Crafton Reservoir Level (21.3)	14
Mentone Reservoir Level	19

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/29/2015

Time: 6:50:00 AM

State Water Project

Inflows			Deliveries					
A	BBMWD In-lieu	14.5	H	EVWD Treatment Plant	0.0	P	SARC West	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	Q	Zanja	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.0	R	Tate Treatment Plant	0.0
D	Purchased Water	0.0	K	Edwards Canal	0.0	S	SBCFCD Grove	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0	T	Newport for BVMWC	0.5
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0	U	M/C spreading at Zanja Tate	0.0
G	Total SWP Inflows	14.5	N	BVMWC Bouillion Box	0.0	V	Total SWP Deliveries	14.5

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)	3.1	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	2.4	E1	Main River Gage (USGS)	0.0	B1	BVMWC Highline	2.4
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	Seven Oaks Dam			D1	BVMWC River PU (USGS)	3.1
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline					2.4	F1	Greenspot Spill
W1	Redlands Aqueduct / Sandbox	3.5	Other			W	Observation at SOD	2150.2	E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.0				J1	Big Bear Lake Release	5.0	X	SOD Reservoir Elevation (scada)	2151.3
minus			L1	SCE SAR AVM (SCADA)	3.5	Y	Debris Pool Elevation	0.0	A5	Total SAR Inflows	
F1	Greenspot Spill	0.9	X1	SAR-MC Spread (Red. Aqueduct)	0.0						
D1	BVMWC River PU (USGS)	3.1									
I1	Redlands Tunnel	0.3									
A1	SAR PH #3 Penstock (calc)	0.0									
K1	PH3# Penstock (SCADA)	0.0									

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.8
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.8

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	2.4
	minus	
B2	Gay Overflow	2.2
C2	Irrigation	0.2

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	3.5
Y1	Redlands Sandbox Spill	0.0
Z1	Cuttle Weir To River	0.0
B2	BVMWC Highline	2.4
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.8
L2	SBVWCD Parshall Flume	0.0
	minus	
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	6.4

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.5	E3	M/C #1 Penstock Flow	6.8
B3	M/C #3 Penstock	4.3	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	6.8			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	6.3	c3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	19.0
j3	Wilson Creek Spreading	0.0	o3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	6.8	R3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	0.5	u3	Total MC Deliveries	6.8	v3	Zanja West Weir to CWC Canal	0.0
SBVWCD MC Spreading			t3	MC #1 Flow (Cooley Hat)	6.8			w3	Mill Creek PH #2,3 Afterbay Spill	0.0	
							y3	Crafton Reservoir Level (21.3)	14.0		

SBVWCD MC Spreading

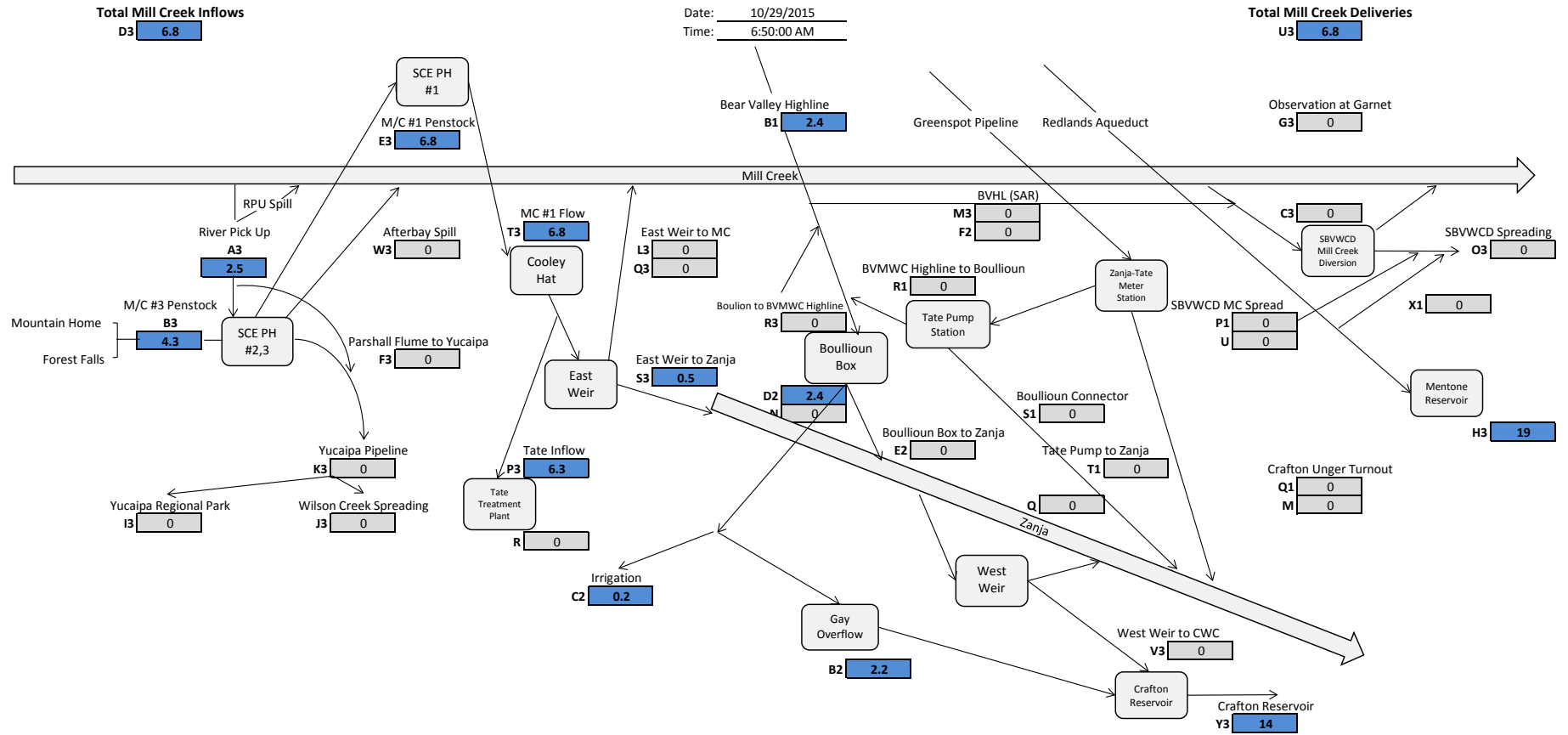
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

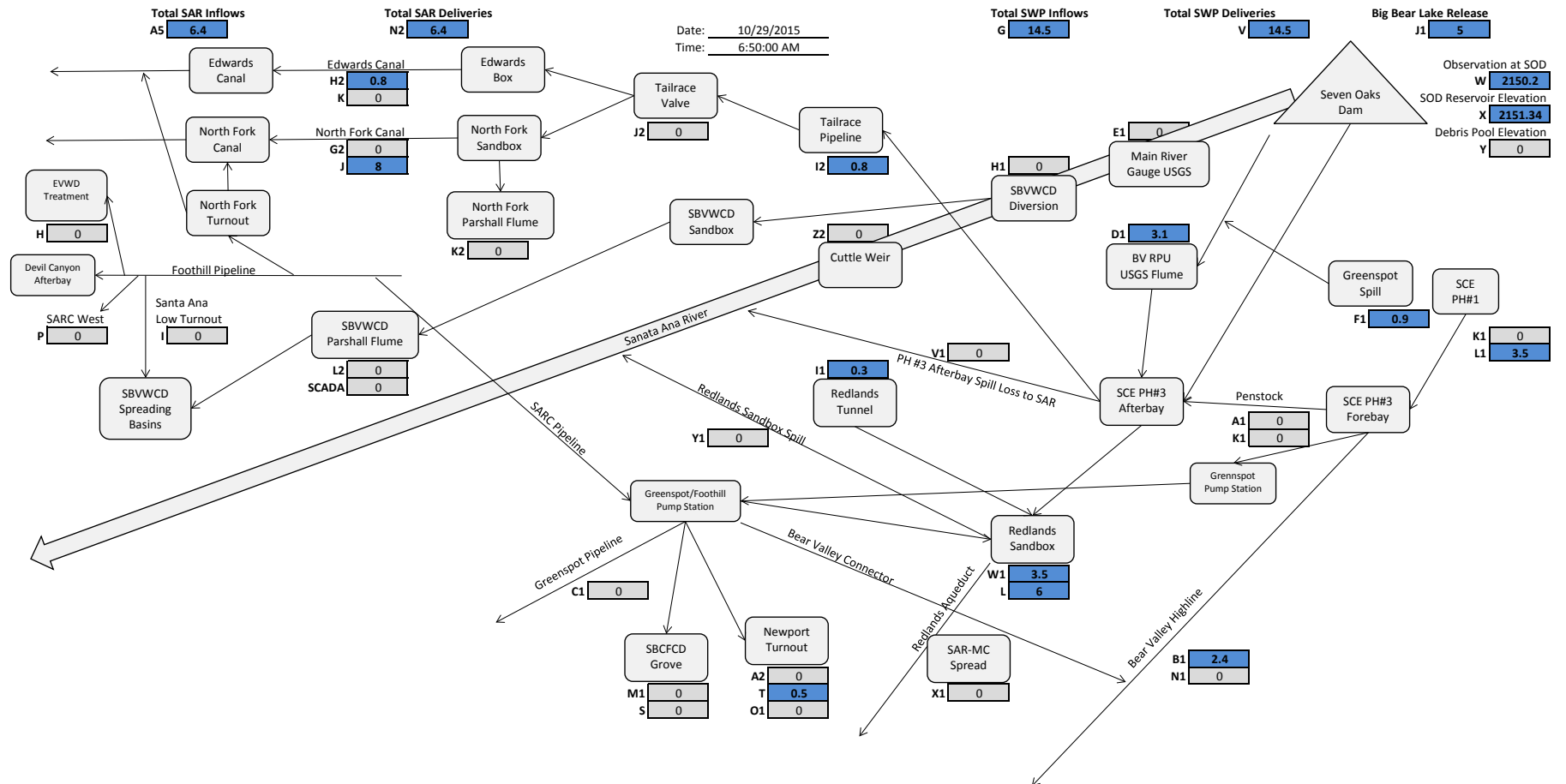
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cattle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations



Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 10/30/2015

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	11.4
N2	Total SAR Deliveries	11.4
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	2.3
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	9.1

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	14.6
V	Total SWP Deliveries	14.6
J	Northfork Canal	8.1
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.5

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	8.5
U3	Total MC Deliveries	8.5
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	8.5

Reservoir Levels	Feet
Observation at SOD	2153.8
Crafton Reservoir Level (21.3)	12.5
Mentone Reservoir Level	21.3

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	197	123,000
Santa Ana River to Mill Creek	SAR-MC	0	0
Santa Ana River	SWP	0	0
Mill Creek	MC	44	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	0	0

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. Also, as of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 10/30/2015
Time: 7:00:00 AM

State Water Project

Inflows		Deliveries			
A	BBMWD In-lieu	14.6	H	EVWD Treatment Plant	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	8.1
D	Purchased Water	0.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	6.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	14.6	N	BVMWC Boullioun Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.5
			U	M/C spreading at Zanja Tate	0.0
			V	Total SWP Deliveries	14.6

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)		5.1	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	2.3	E1	Main River Gage (USGS)		0.0	B1	BVMWC Highline	2.3
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	Z1	SOD Release Subtotal		5.1	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0					D1	BVMWC River PU (USGS)	5.1
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 2.3						F1	Greenspot Spill	4.0
W1	Redlands Aqueduct / Sandbox	9.4				Seven Oaks Dam				E1	Main River Gage (USGS)	0.0
Y1	Redlands Sandbox Spill	0.0				w	Observation at SOD		2153.8	D1a	BV Pick-Up gated	☐
minus						x	SOD Reservoir Elevation (scada)		2154.3	A5	Total SAR Inflows 11.4	
F1	Greenspot Spill	4.0	Other			y	Debris Pool Elevation		0.0			
D1	BVMWC River PU (USGS)	5.1	J1	Big Bear Lake Release	5.0							
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	7.9							
A1	SAR PH #3 Penstock (calc)	0.0	X1	SAR-MC Spread (Red. Aqueduct)	0.0							
K1	PH3# Penstock (SCADA)	0.0										

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	0.0
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	0.0

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	2.3
		minus
B2	Gay Overflow	1.0
C2	Irrigation	1.3

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	9.4
Y1	Redlands Sandbox Spill	0.0
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	2.3
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	11.4

Mill Creek Inflows

Total MC Inflows		
A3	RPU Flow	2.5
B3	M/C #3 Penstock	6.0
C3	SBVWCD Mill Creek Diversion	0.0
D3	Total MC Inflows	8.5

Other		
E3	M/C #1 Penstock Flow	8.5
F3	Stream Parshall Flume to Yucaipa	0.0
G3	Observation at Garnet	0.0

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
i3	Yucaipa Regional Park	0.0	p3	Tate Inflow	7.2	c3	SBVWCD Mill Creek Diversion	0.0	h3	Mentone Reservoir Level	21.3
j3	Wilson Creek Spreading	0.0	q3	East Weir to Mill Creek	0.0	t3	Mill Creek #1 Flow (Cooley Hat)	8.5	r3	Boullioun to BVMWC Highline	0.0
k3	Yucaipa Pipeline	0.0	s3	East Weir to Zanja	1.3	u3	Total MC Deliveries	8.5	v3	Zanja West Weir to CWC Canal	0.0
			t3	MC #1 Flow (Cooley Hat)	8.5				w3	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading									y3	Crafton Reservoir Level (21.3)	12.5

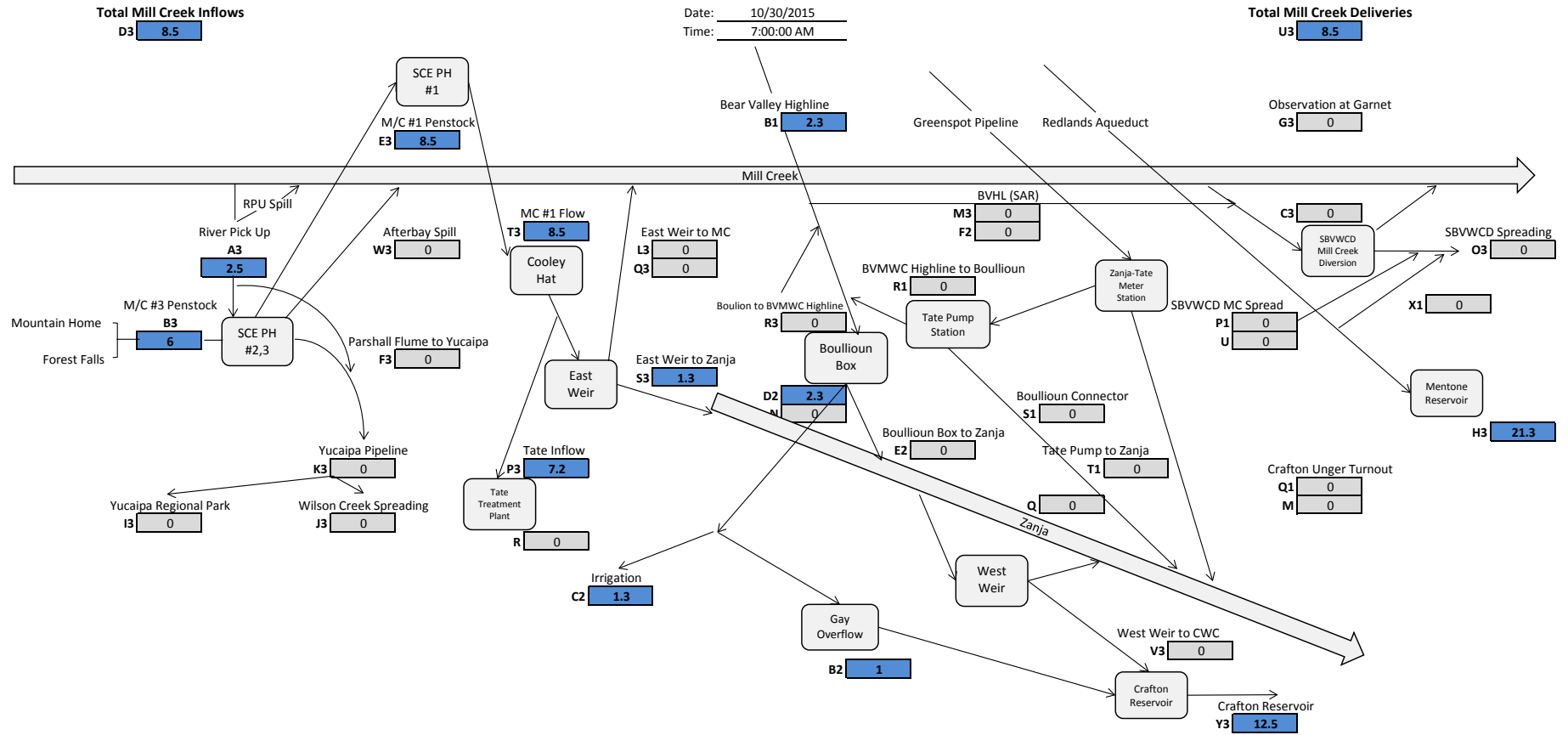
SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0	I4	197.4	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	44.2	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0	714	
	SBVMWD	SWP						
	WMWD	SWP						
SAR Passing Cuttle Weir		0	Share of Lost Flow		0	Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		0	Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		0	Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Mill Creek Stations



Santa Ana River - Mill Creek Cooperative Water Project
Santa Ana Stations

