

Groundwater Recharge Coordinating Committee

Operational & Maintenance
Status Report

October 28, 2014

Turner Basin 1 Water Cannon

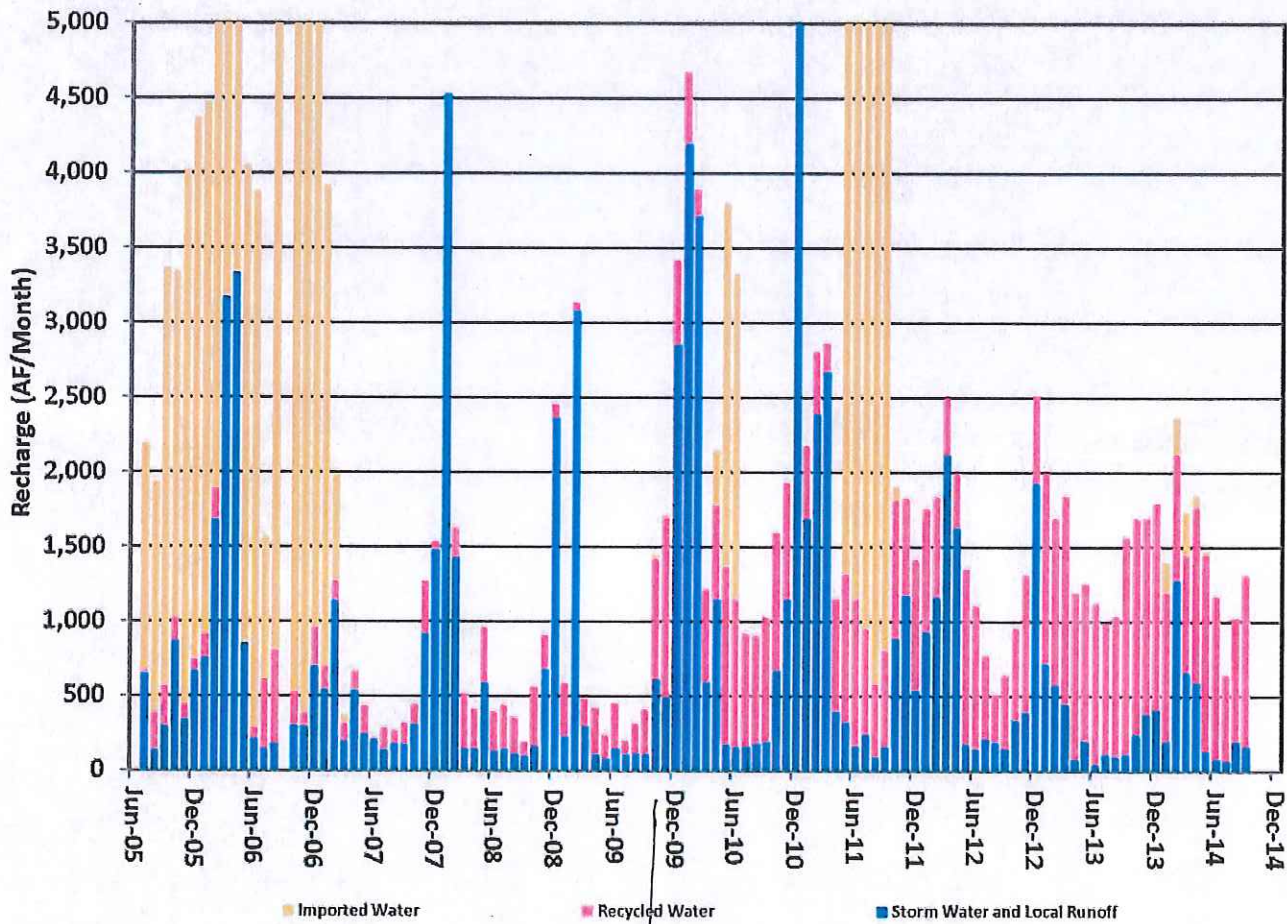


Hickory Basin

Potential Site for Future Midge Fly Prevention Projects



Operational Status



Permit cond
re: underflow dil.
changed.

SUMMARY OF CHINO BASIN GROUNDWATER RECHARGE OPERATIONS

July 2014

Drainage System	Recharge Volume (AF)*			Management	
Basin	SW/LR	MW	RW	Zone Subtotals	
San Antonio Channel Drainage System					
College Heights	-	-	N	MZ-1 105 AF**	
Upland	-	-	N		
Montclair 1, 2, 3 & 4	17	-	N		
Brooks	-	-	72		
West Cucamonga Channel Drainage System					
8th Street	25	-	8	MZ-2 341 AF**	
7th Street	-	-	-		
Ely 1, 2, & 3	16	-	101		
Minor Drainage					
Grove	2	N	N		
Cucamonga and Deer Creek Channel Drainage Systems					
Turner 1 & 2	-	-	-		
Turner 3 & 4	11	-	-		
Day Creek Channel Drainage System					
Lower Day	-	-	X		
Etiwanda Channel Drainage System					
Etiwanda Debris	-	-	X		
Victoria	2	-	91		
San Sevaine Channel Drainage System					
San Sevaine 1, 2, 3, & 4	-	-	-		
San Sevaine 5	-	-	-		
West Fontana Channel System					
Hickory	-	-	118		
Banana	-	-	-		
Declez Channel Drainage System					
RP3 Cells 1,3, & 4	6	-	184	MZ-3 195 AF**	
RP3 Cell 2	3	-	-		
Declez	2	-	-		
Non-Replenishment Recharge**					
Brooks (MVWD) MZ-1	-				
Montclair (MVWD) MZ-1	(17)				
Turner (CVWD) MZ-2	-				
Month Total = 641 AF					
	67	0.0	574	July 2014	
Fiscal Year to Date Total					
Since July 1, 2014 = 641 AF	67	0.0	574	Fiscal Year to Date	
Calendar Year to Date Total					
Since Jan. 1, 2014 = 9,746 AF	2,155	0.0	7,591	Calendar Year to Date	

SW : Storm Water, LR : Local Runoff (and GE, MVWD), MW : MWD Imported Water, RW : Recycled Water

- : No stormwater/local runoff, or basin not in use due to maintenance or testing.

X : Turnouts not available - to be installed during future projects.

N : No turnout planned for installation.

* : Data are preliminary based on the data available at the time of this report preparation.

** : Management Zone Subtotals have deducted from them any Non-Replenishment Recharge, which is recharge originating from pumped groundwater and is not new water.

SUMMARY OF CHINO BASIN GROUNDWATER RECHARGE OPERATIONS

August 2014

Drainage System	Recharge Volume (AF)*			Management Zone Subtotals	
Basin	SW/LR	MW	RW		
San Antonio Channel Drainage System					
College Heights	-	-	N	MZ-1 166 AF**	
Upland	-	-	N		
Montclair 1, 2, 3 & 4	3	-	N		
Brooks	7	-	141		
West Cucamonga Channel Drainage System					
8th Street	15	-	8	MZ-2 485 AF**	
7th Street	-	-	-		
Ely 1, 2, & 3	16	-	8		
Minor Drainage					
Grove	4	N	N		
Cucamonga and Deer Creek Channel Drainage Systems					
Turner 1 & 2	76	-	205		
Turner 3 & 4	-	-	-		
Day Creek Channel Drainage System					
Lower Day	4	-	X		
Etiwanda Channel Drainage System					
Etiwanda Debris	2	-	X		
Victoria	5	-	107		
San Sevaine Channel Drainage System					
San Sevaine 1, 2, 3, & 4	6	-	-		
San Sevaine 5	-	-	-		
West Fontana Channel System					
Hickory	-	-	82		
Banana	-	-	82		
Declez Channel Drainage System					
RP3 Cells 1,3, & 4	18	-	192	MZ-3 369 AF**	
RP3 Cell 2	5	-	-		
Declez	72	-	-		
Non-Replenishment Recharge**					
Brooks (MVWD) MZ-1	(7)				
Montclair (MVWD) MZ-1	(1)				
Turner (CVWD) MZ-2	(30)				
Month Total = 1,020 AF					
	195	-	825	August 2014	
Fiscal Year to Date Total					
Since July 1, 2014 = 1,661 AF	262	-	1,399	Fiscal Year to Date	
Calendar Year to Date Total					
Since Jan. 1, 2014 = 10,766 AF	2,350	0.0	8,416	Calendar Year to Date	

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SUMMARY OF CHINO BASIN GROUNDWATER RECHARGE OPERATIONS
September 2014

Drainage System Basin	Recharge Volume (AF)*			Management Zone Subtotals
	SW/LR	MW	RW	
San Antonio Channel Drainage System				MZ-1 204 AF**
College Heights	-	-	N	
Upland	-	-	N	
Montclair 1, 2, 3 & 4	2	-	N	
Brooks	1	-	157	
West Cucamonga Channel Drainage System				MZ-2 719 AF**
8th Street	14	-	32	
7th Street	-	-	-	
Ely 1, 2, & 3	15	-	121	
Minor Drainage				
Grove	5	N	N	
Cucamonga and Deer Creek Channel Drainage Systems				
Turner 1 & 2	54	-	128	
Turner 3 & 4	-	-	-	
Day Creek Channel Drainage System				
Lower Day	1	-	X	
Etiwanda Channel Drainage System				
Etiwanda Debris	-	-	X	
Victoria	2	-	155	
San Sevaine Channel Drainage System				
San Sevaine 1, 2, 3, & 4	1	-	-	
San Sevaine 5	-	-	1	
West Fontana Channel System				
Hickory	-	-	236	
Banana	-	-	72	
Declez Channel Drainage System				MZ-3 385 AF**
RP3 Cells 1,3, & 4	24	-	243	
RP3 Cell 2	16	-	-	
Declez	30	-	-	
Non-Replenishment Recharge**				
Brooks (MVWD) MZ-1	-			
Montclair (MVWD) MZ-1	(2)			
Turner (CVWD) MZ-2	-			
Month Total = 1,308 AF	163	-	1,145	September 2014
Fiscal Year to Date Total Since July 1, 2014 = 2,969 AF	425	-	2,544	Fiscal Year to Date
Calendar Year to Date Total Since Jan. 1, 2014 = 12,074 AF	2,513	0.0	9,561	Calendar Year to Date

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Upcoming Maintenance Activities

1. 7th & 8th Street Basins

SBCFCD

Infiltration Restoration Project

2. Turner Basins 3 & 4A Silt

SBCFCD

Removal

(Dried for midge fly control)

~\$9K to remove silt/clay from bottom of 4

3. Brooks Basin Inlet Gate

CBWCD

Repair

• San Antonio Channel

• Anti vandalism measure (shipping container) seems to be working;

• repair in Nov '14

4. RFP for New Weeding

Contract

(Longsapes)

- Existing 3yr contract not renewed (Sep '14)
- Pest Options doing work in interim
- Revamping scope based on lessons learned
- Coordinate w/ SBCFCD weed control