



**POST 2014 STORMWATER RECHARGE PROGRAM
PROJECT NOS. RW15003.00/.01/.02/.03/.04/.05/.06 & RW15004.00
STATUS UPDATE: JANUARY 10, 2024**

“Post 2014 Stormwater Recharge Program” recommended for final design, bid and construction:

PID	Basin Projects	Post 2014 Stormwater Recharge Program ⁽²⁾	Initial Yield		Updated Yield ⁽¹⁾	
			SW	RW	SW	RW
			acre-feet per year			
12	Lower Day Basin	Increase stormwater diversion and basin storage	789	-	993	-
11	Victoria Basin	Improve the infiltration rate and increase storage by removing settled deposits	43	120	75	120
2	Montclair Basins	Increase storage and recharge capacity by directing more channel flow	248	-	96	-
18a	CSI Basin ⁽³⁾	New storage and recharge facility by deepening basin	81	-	-	-
23a	Wineville, Jurupa, RP3 & Force Main	Improve storage and recharge capacity with pumps/conveyance systems between basins and provide new diversion structures	3,166	2,905	2,921	2,905
Total			4,327	3,025	4,085	3,025

- (1) Updated to reflect new values as calculated after the completion of the PDR.
- (2) San Sevaine Basin Improvement project is a part of the “Post 2014 Stormwater Recharge Program” but it is not listed here for it has its own status update sheet.
- (3) 18a (CSI) removed from the list of ongoing RMPU projects. Yield value of 100 AFY is removed.

Project Budget:

Project Budget
\$31,829,520

Actual Cost to Date
\$28,463,196

	RMPU Projects	Total Project Cost	Actual Cost (to date)	
Ongoing Projects	Lower Day Basin (PID 12)	\$4,008,000	\$4,014,957	
	Victoria Basin (PID 11)	\$176,072	\$176,072	
	Montclair Basins (PID 2)	\$1,788,100	\$467,830	
	RP-3 Basin ⁽⁴⁾	(23a)	\$2,612,496	\$2,352,496
	Wineville Basin ⁽⁴⁾		\$22,683,844	\$20,890,833
	Jurupa Basin ⁽⁴⁾			
	Wineville/Jurupa Force Main ⁽⁴⁾			
Deferred Projects	East Decléz (Non RMPU Project)	\$114,000	\$114,000	
	Decléz Basin (PID 27)	\$105,000	\$105,000	
	Turner Basin (PID 14)	\$42,000	\$42,000	
	Ely Basin (PID 15a)	\$236,000	\$236,000	
	CSI Basin (PID 18a)	\$64,008	\$64,008	
Total		\$31,829,520	\$28,463,196	

Cost Sharing Documents:

Lower Day Basin – PID 12 (Task Order No. 2)	
Watermaster’s Share	\$2,883,000
IEUA’s Share	\$0
Grant Funding	\$1,125,000
Sub-Total	\$4,008,000
Victoria Basin – PID 11 (Task Order No. 10)⁽⁵⁾	
Watermaster’s Share	\$88,036
IEUA’s Share	\$88,036
Sub-Total	\$176,072
Montclair Basin – PID 2 (Task Order No. 11)	
Watermaster’s Share	\$1,788,100
IEUA’s Share	\$0
Sub-Total	\$1,788,100
Wineville/Jurupa/RP3/Force Main – PID 23a (Task Order No. 9)⁽⁶⁾	
Watermaster’s Share	\$14,102,916
IEUA’s Share	\$360,043
Grants	\$10,833,381
Sub-Total	\$25,296,340
East Declz/Declz – PID 27 /Turner – PID 27/Ely PID – 15a (Task Order No.1)	
Watermaster’s Share	\$497,000
IEUA’s Share	\$0
Sub-Total	\$497,000
CSI Basin (Task Order 12)	
Watermaster’s Share	\$64,008
IEUA’s Share	\$0
Sub-Total	\$64,008
Total	\$31,829,520

(4) Task Order No. 9 amended in May/June 2021 to reflect current project cost.

(5) Amending TO 10 to reflect the total project cost from the projected cost of \$168,800 to the final cost of \$176,072.

(6) Includes RP-3, Wineville, Jurupa, and Wineville-Jurupa Force Main’s total projected costs. Task Order Amendment 2 in Aug/Sep 2022 to reflect revised total project budget due to additional construction cost.

Grant/Loan Update:

RMPU Projects	Total Project Cost	Funding Program	Grant Amount
Lower Day Basin (PID 12)	\$4,008,000	Grant Prop. 84 DWR/SAWPA	\$750,000
		USBR	\$375,000
Victoria Basin (PID 11)	\$168,800	-none-	
Montclair Basins (PID 2)	\$1,788,100	SRF Loan	
RP-3 Basin ⁽⁷⁾	\$1,819,300	SWRCB – Stormwater	\$809,214
		USBR	\$290,000
Wineville/Jurupa /Force Main ⁽⁷⁾	\$20,220,952	SWRCB – Stormwater	\$8,994,167
		2018 Water Smart Drought	\$740,000
Total	\$28,005,153		\$11,958,381

(7) Task Order No. 9 amended in May/June 2021 to reflect added grants.

Project Update:

The following are updates to each of the on-going RMPU projects:

- a) **Victoria Basin** – Project completed.

- b) **Wineville/Jurupa Storm Water Distribution Pipeline** –

In December 2023, IEUA staff in consultation with IEUA's Legal Counsel, planned for a contract scope change with MNR to exclude all work regarding the pumps for the new pump station at Wineville and Jurupa Basins. IEUA's reasoning for removing the pump efforts from MNR's contract is due to the following:

- Initial and ongoing resubmittals failures by MNR to meet the project's pump technical specifications.
- MNR's excessive days to provide submittal responses.

In continuing the scope with MNR, the Project is exposed to paying additional cost to MNR for the pumps and extending the project schedule due to delayed pump submittal efforts. Currently, MNR is demanding an additional \$565K to acquire the pumps at today's prices and nearly \$300k for extending the contract schedule to receive the pumps. Rather than continuing with MNR on the pumps, these pumps will be rebid to other contractors to seek qualified suppliers and competitive pricing.

Furthermore, due to the complexities of the pumps' integration into the full construction project, such as electrical, piping, grading, and programming, where these efforts may depend on the completion of the pumps, IEUA is now strongly considering terminating its contract with MNR. This will allow a singular contractor to address the remaining work rather than coordinating with two contractors where MNR would continue work without the pumps while another contractor completes work on the pumps. This would be too complex to manage and oversee. IEUA is in discussion Contract staff, Legal Counsel, and its consultants on the proposed plan to end the remaining work with MNR. Further updates to follow.

During this reporting period, MNR completed all of the new 30-inch pipeline from the Wineville Basin to the Jurupa Basin with the exception of the pump discharge header at Wineville. This remaining segment of piping is less than 200-linear feet. These pipes tie into the discharge of the new pumps. Since there are no completed pump submittals this segment of pipeline is still pending. In October 2023, MNR was able to complete the new electrical upgrades at the Jurupa Basin in coordination with Southern California Edison. MNR completed the building structures at Wineville. They are currently finishing off the roof and skylight installation. In November 2023, IEUA received plans from Southern California Edison on the new electrical connections at Wineville. This has also delayed the project, but it will be performed by others if the contract termination with MNR is agreed and finalized.

The major construction of the Wineville/Jurupa/Distribution System is approximately 80% complete. However, with the ongoing delays with SCE and the Pumps, the project continues to hold at 75% of the construction schedule.

- c) **Montclair Basin** – As previously reported, IEUA was considering using 3-Dimensional Computational Fluid Dynamics to determine if a smaller diversion construction would be more beneficial in terms of cost savings and minimizing the impact to the channel. This consideration is still being discussed with the project stakeholders; however, the project was put on hold due to recent flow activities to the channel and basin areas. This year’s rains have given opportunities to take available water from Metropolitan Water District (MWD) for groundwater storage. So, the proposed recharge improvement is on hold for this year to allow IEUA and Chino Basin Watermaster to convey and capture available water from MWD for groundwater recharge. The nearby San Antonia Creek channel and the Montclair Basin are actively a part of the program to move available water through a channel and stored within a basin. The program is expected to run to this year only. When nearing completion, IEUA plans to start bid and construction as noted schedule below.

- d) **Lower Day Basin** – As previously reported, the major delay in finalizing the improvement was due to Southern California Edison not providing the required power source to operate the new improvements and ongoing communication issues with the site network system. With power now available on site and IEUA’s recent completion of the maintenance repair to the site’s communication system, IEUA is now finalizing the system integration at the new improvements. This will allow Ground Water Recharge to fully operate the new improvements remotely and locally.

- e) **RP-3 Basin Improvement** –
 - a) Demo work completed/Excavation completed. Construction of the Diversion Structure is completed. However, IEUA is addressing a potential delay claim of \$260,000 due to extended project scheduled when addressing the unforeseen field conditions with the contract work. IEUA is currently reviewing the Contractor’s time impact analysis.

Wineville/Jurupa/Force main (PID 23a):

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	01/12/21	Completed
Design	12/18/14	02/28/20	Completed
Bid and Award	01/12/21	06/16/21	Completed
Construction	06/16/21	12/31/24	In Progress

Montclair Basin (PID 2):

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	01/30/23	In Progress
Design	12/18/14	02/28/20	Completed
Bid and Award	02/01/24	05/31/24	Not Started
Construction	06/01/24	10/31/25	Not Started

Lower Day (PID 12):

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	07/19/19	Completed
Design	12/18/14	07/19/19	Completed
Bid and Award	07/19/19	12/11/19	Completed
Construction/Close Out	12/11/19	12/31/23	Completed

RP-3 Basin (PID 23a):

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	01/09/18	Completed
Design	12/18/14	12/14/17	Completed
Bid and Award	01/10/18	06/20/18	Completed
Construction	06/21/18	11/31/23	Completed



Wineville Basin – Rubber Dam Building
(Completed Building Structure)



Wineville Basin – New Gate holding water before the Forebay Area
(Completed Gate)



Wineville Basin – New Concrete to Forebay
(Completed Spillway with New Gate)



Wineville Basin – Pump Station
(Completed Building)



Wineville Basin Improvement – Outlet Diversion Structure
(Installation of new Gate)



Wineville Basin Improvement – New Gate before the Forebay
(Completed gate installation)



Wineville Basin Improvement – Basin
(Completed Concrete Work in Basin)



Jurupa Basin Improvement - Channel Diversion
(Welding of New Piping into Jurupa)



Lower Day Basin Improvement – Day Creek Diversion
(Test Operation of the Gate Dam System – Main Channel)



Lower Day Basin Improvement – Day Creek Diversion
(Test Operation of Gate Dam System – Onto Diversion Channel)