POST 2014 STORMWATER RECHARGE PROGRAM
PROJECT NOS. RW15003.00/.01/.02/.03/.04/.05/.06 & RW15004.00
STATUS UPDATE: JULY 10, 2023

"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	Actual Cost to Date
$31,829,520	$23,677,237

	RMPU Projects		Total Project Cost	Actual Cost (to date)
Ongoing Projects	Lower Day Basin (PID 12)		$4,008,000	$4,003,407
	Victoria Basin (PID 11)		$176,072	$176,072
	Montclair Basins (PID 2)		$1,788,100	$460,651
	RP-3 Basin [4]	(23a)	$1,819,300	$2,307,031
	Wineville Basin [4]		$23,477,040	$19,433,271
	Jurupa Basin [4]			
	Wineville/Jurupa Force Main [4]			
Deferred Projects	East Declez (Non RMPU Project)		$114,000	$114,000
	Declez 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**	**$26,941,440**

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 Declez/Declez – 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, Winevile, 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]	(23a)	$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** – During this period, MNR completed the installation of the new 30-inch stormwater piping from Wineville Basin to Jurupa Basin. The remaining work for the pipeline is addressing the asphalt restoration along the Jurupa Road/Street. As noted in the previous update, the construction activities within the Wineville Basin area were mainly on hold due rain and wet conditions from the January through March rains. MNR has been actively working in Wineville since early late March to continue with the following: constructing the new pump station and rubber dam buildings, adding the new gate structure on the 75-inch outlet pipeline, laying the conduit line for the new buildings, and grading the basin floor. The electrical upgrade in Jurupa is planned for August. Unfortunately, the work with Southern California Edison (SCE) who is to provide new electrical power at Wineville Basin continues to be delayed because of limited resources within SCE. SCE has not provided final approved plans to install the new electrical source at Wineville. Also, MNR is delayed in providing approved pumps for the new improvement. IEUA is working with MNR and its supplier to finalize the submittal for the new pumps to ensure they meet design conditions and to minimize a later construction completion date. With these two delays the project is expected to finish at later date than October 2023. MNR is expecting a projected finish date in the first quarter of 2024.

   Additionally, on April 13, 2023, MNR submitted a "value engineering" proposal to claim a potential cost savings opportunity on the construction of the new diversion structure at Jurupa Basin. MNR provided plans and flow models to show a smaller construction activity at the channel which MNR proposes to provide a similar (or near similar) flow diversion rate than the initial construction plans. Preliminary evaluations by IEUA do confirm MNR's claim. IEUA ran a flow model of the two construction options. The maximum flow rate for the smaller diversion structure by MNR is 145 cfs and maximum flow rate for the current larger diversion structure is 170 cfs. This is difference not so far apart. Since the timing of the construction of the new diversion structure is linked to weather, IEUA provided MNR preliminary approval on their proposal so that they can also seek further input and approval from the Flood Control District on the proposed changes on the approved plans. When the District confirms their approval, MNR will finalize cost savings.

   Major construction of the Wineville/Jurupa/Distribution System is approximately 80% complete. However, with the ongoing delays with SCE and the Pumps, the project holds 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 Groundwater Recharge Team 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 $200,000 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):

Phases	Start	Finish	Status
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	11/14/23	In Progress

Montclair Basin (PID 2):

Phases	Start	Finish	Status
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	11/01/23	01/17/24	Not Started

Construction	01/18/24	12/31/25	Not Started

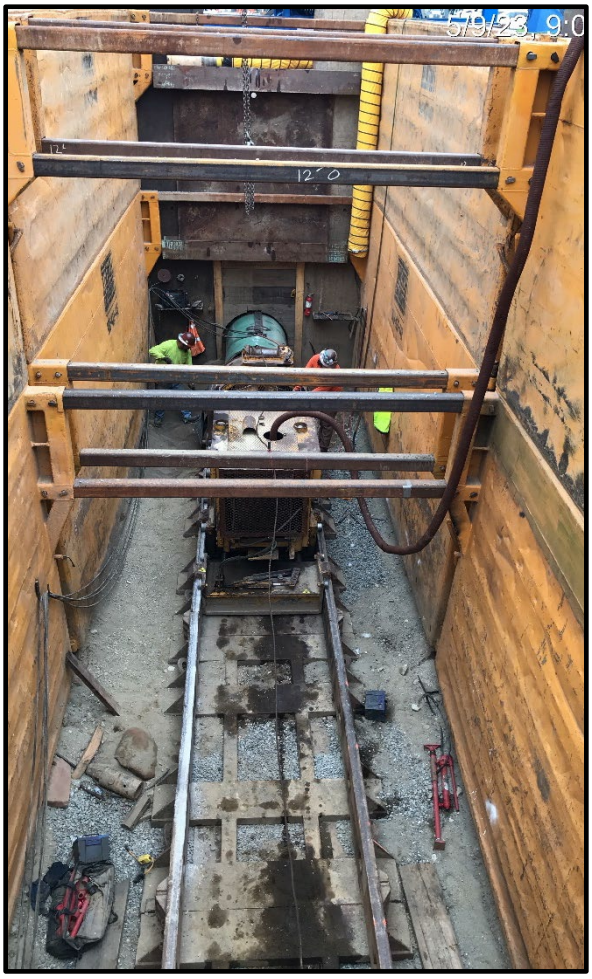
Lower Day (PID 12):

Phases	Start	Finish	Status
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	Competed
Bid and Award	07/19/19	12/11/19	Completed
Construction/Close Out	12/11/19	08/31/23	In Progress

RP-3 Basin (PID 23a):

Phases	Start	Finish	Status
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	08/31/23l	In Progress

Wineville/Jurupa Storm Water Distribution Pipeline
(Asphalt work at Jurupa Road/Street for the New 30-inch Pipeline)



<u>Wineville/Jurupa Storm Water Distribution Pipeline</u>
(Jacking Pit for the Boring Operations at Jurupa Road/Street)

Wineville/Jurupa Storm Water Distribution Pipeline
(Gate Structure Pit for Wineville Basin Outlet Gate System)

Wineville/Jurupa Storm Water Distribution Pipeline
(Construction Slab Floor for New Pump Station at Wineville)

Lower Day Basin Improvement
(Completed Catwalk Platform for new gates and level sensors at Cell 3)

RP3 Basin Improvement
(Completion of New Diversion Structure at RP3)