

Table 1
Analysis of College Heights and Montclair Basin Modeling
all units in acre-ft/yr

| Model Run ¹ | Modeled Montclair Basin Components | | Recharge in College Heights Basins | Recharge in Montclair Basins | Recharge in Brooks Basin | Total Recharge | Net New Recharge Benefit ² |
|------------------------|--|----------------------------|------------------------------------|------------------------------|--------------------------|----------------|---------------------------------------|
| | Additional Drop Inlets to Basins 2 and 3 | Increased Storage Capacity | | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1 | - | - | 221 | 1,135 | 512 | 1,867 | - |
| 2 | X | - | 221 | 1,257 | 497 | 1,974 | 96 |
| 3 | - | X | 221 | 1,140 | 511 | 1,872 | 4 |

¹ All runs assume College Heights Basins are operated to prioritize stormwater capture.

² (7) calculated as 90 percent of the difference between the volume recharged in the given project run and Run 1.

| Project ID | Project | Stormwater Yield (acre-feet/year) | Recycled Water (acre-feet/year) | Storm Water Recharge Unit Cost (\$/Acre-feet) | Total Capital Cost | Total Annual Cost to CBWM Parties |
|---------------------------------|------------------|-----------------------------------|---------------------------------|---|--------------------|-----------------------------------|
| Recommended MZ1 Projects | | | | | | |
| 2 | Montclair Basins | 96 | 0 | \$ 1,281 | \$ 1,843,000 | \$ 3,552 \$ 119,890 \$ 123,000 |

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|-----------------------------------|--|-----------------------------------|---------------------------------|---|----------------------|
| Recommended MZ3 Projects | | | | | |
| 18a | CSI Basin | 100 | 0 | \$ 700 | \$ 1,016,000 |
| | RP3 Basin (PID 21) | | | | \$ 1,474,000 |
| | Wineville Basin (19a) | | | | \$ 3,654,000 |
| 23a | Jurupa Basin (PID 20) | 2,921 | 2,905 | \$ 414 | \$ 1,444,000 |
| | Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin (PID 23) | | | | \$ 10,244,000 |
| Total MZ3 | | 3,021 | 2,905 | \$ 423 | \$ 17,832,000 |
| Recommended MZ2 Projects | | | | | |
| 11 | Victoria Basin | 75 | 120 | \$ 120 | \$ 177,000 |
| 7 | San Sevaine Basins | 669 | 4,100 | \$ 384 | \$ 6,460,000 |
| 12 | Lower Day Basin | 993 | 0 | \$ 299 | \$ 4,008,000 |
| Total MZ2 | | 1,737 | 4,220 | \$ 324 | \$ 10,645,000 |
| Recommended MZ1 Projects | | | | | |
| 2 | Montclair Basins | 96 | 0 | \$ 1,281 | \$ 1,843,000 |
| Total MZ1 | | 96 | 0 | \$ 1,281 | \$ 1,843,000 |
| Total Recommended Projects | | 4,854 | 7,125 | \$ 405 | \$ 30,320,000 |

