

Attachment 3

| Project# | Rank | Project Name  | Project Manager        | Project Description  | Project Hours | Total Support Hours | Total Project | Fund Description                                       | Fund | Fund Explanation (Grants/Loans) | 2022/2023           |                    | 2023/2024     |                    | 2024/2025     |                      | 2025/2026     |                    | 2026/2027    |                    | Total         |
|----------|------|---|------------------------|--|---------------|---------------------|---------------|--|------|---------------------------------|---------------------|--------------------|---------------|--------------------|---------------|----------------------|---------------|--------------------|--------------|--------------------|---------------|
|          |      |   |                        |  |               |                     |               |  |      |                                 | Net Totals          | (Offset)           | Net Totals    | (Offset)           | Net Totals    | (Offset)             | Net Totals    | (Offset)           | Net Totals   | (Offset)           |               |
|          |      |   |                        |  |               |                     |               |  |      |                                 | 36                  | 29                 | 33            | 20                 | 11            | Gross \$ 130,849,809 |               |                    |              |                    |               |
|          |      |   |                        |  |               |                     |               |  |      |                                 | TOTAL \$ 37,505,764 | \$ (22,537,214)    | \$ 36,781,845 | \$ (20,857,940)    | \$ 24,517,200 | \$ (5,876,178)       | \$ 23,520,000 | \$ (10,544,000)    | \$ 8,525,000 | \$ (5,000,000)     | \$ 66,034,477 |
|          |      |   |                        |  |               |                     |               |  |      |                                 | \$ 14,968,550       | \$ 15,923,905      | \$ 18,641,022 | \$ 12,976,000      | \$ 3,525,000  |                      |               |                    |              |                    |               |
| Project# | Rank | Project Name  | Project Manager        | Project Description  | Project Hours | Total Support Hours | Total Project | Fund Description                                       | Fund | Fund Explanation (Grants/Loans) | 2022/2023           | (Offset) 2022/2023 | 2023/2024     | (Offset) 2023/2024 | 2024/2025     | (Offset) 2024/2025   | 2025/2026     | (Offset) 2025/2026 | 2026/2027    | (Offset) 2026/2027 | Total         |
|          | *A   | Minor Capital Project Program   | Miller, Craig          | Minor capital projects are defined as efforts that will refurbish, replace, or upgrade infrastructure less than or equal to \$100,000 on a project-by-project basis. A significant number of these projects are small assets required to keep the systems operational, safe, and well maintained. Similarly, these projects may allow staff to bring tools, equipment, or services in-house to increase efficiency and reduce costs.                     |               |                     |               | General District                                       | 100  |                                 | \$ 1,000,000        |                    | \$ 1,000,000  |                    | \$ 1,000,000  |                      | \$ 1,000,000  |                    | \$ 1,000,000 |                    | \$ 5,000,000  |
|          | *A   | Risk Mitigation Program   | Miller, Craig          | Second, to ensure that capital projects designed to mitigate either safety, security, or emergency management risks are completed timely and efficiently without compromising fiscal integrity. Staff has proposed \$200,000 per fiscal year, not to exceed a total of \$400,000 in a two-year budget cycle be allocated to the Risk Mitigation Program.   |               |                     |               | General District                                       | 100  |                                 | \$ 200,000          |                    | \$ 200,000    |                    | \$ 200,000    |                      | \$ 200,000    |                    | \$ 200,000   |                    | \$ 1,000,000  |
| M020     | *A   | Unplanned Projects <\$100k  | Miller, Craig          | Funding for emergency and/or unplanned projects less than \$100,000 authorized by the GM.  | 20            | 0                   | 20            | General District                                       | 100  |                                 | \$ 300,000          |                    | \$ 300,000    |                    | \$ 300,000    |                      | \$ 300,000    |                    | \$ 300,000   |                    | \$ 1,500,000  |
| 008Z     | A2.8 | Electrical Run for Ops Main Generator Year 2 of 2                     | Standing Warrior, Dean | Western's Operations facility sits on approximately one acre and houses Western's fleet, maintenance shop, radio shack, various equipment and more than half of the staff. The main administrative building on site is powered by a large generator to ensure continued operations in the event of an emergency. Unfortunately, the maintenance shop and radio shack are currently supported by a small, outdated non-compliant generator.               | 180           | 180                 | 340           | Ops Facility Improvement Project                       | 167  |                                 | \$ 100,000          |                    |               |                    |               |                      |               |                    |              |                    | \$ 100,000    |
| 005      | A2.6 | Cajalco Intake Switchgear & Motor Control Center Replacement          | McCartney, Doug        | Parts for maintenance and repair of the motor control center for this lower intake Potable Station are becoming obsolete. MCC needs to be replaced due to age and condition.   | 280           | 50                  | 330           | Riverside Potable Water Asset Replacement Project      | 205  | 2020A Bond                      | \$ 4,500,000        | \$ (4,500,000)     |               |                    |               |                      |               |                    |              |                    | \$ -          |
| 019      | A2.5 | ADS Well #5 Rehab   | Project Partners       | Rehabilitate the pumps and casings of the Arlington Desalter wells.  | 350           | 50                  | 210           | Arlington Desalter Asset Replacement Project           | 415  | 2020A Bond                      | \$ 450,000          | \$ (450,000)       |               |                    |               |                      |               |                    |              |                    | \$ -          |
| 007Z     | A2.4 | SCADA Master Plan Implementation                                      | Standing Warrior, Dean | Implementation recommendations for a control system master plan. The implementation plan consists of HMI and PLC hardware and software standardization and upgrades, creating design standards for the entire control system, local and wide area network communication standards and upgrades, development of cyber and physical security policies and procedures, proper documentation for disaster recovery, risk management and business continuity. | 360           | 320                 | 480           | Ops Asset Replacement Project                          | 165  |                                 | \$ 500,000          |                    | \$ 500,000    |                    | \$ 500,000    |                      | \$ 300,000    |                    | \$ 200,000   |                    | \$ 2,000,000  |
| 004      | A2.1 | Canon Street Interconnection with RPU                                 | Consultant Eng         | Install interconnection with RPU and construct new pump station on Canon Road with chemical dosing for chloramine. Design Year 1 and Construction Year 2   | 360           | 420                 | 780           | Riverside Potable Water System Improvement Project     | 204  | SARCCUP                         | \$ 5,000,000        | \$ (2,885,309)     | \$ 8,500,000  | \$ (5,770,618)     |               |                      |               |                    |              |                    | \$ 4,844,073  |
| 008      | A2.1 | Magnolia Avenue Interconnection with Riverside Public Utilities (RPU) | Consultant Eng         | Install interconnection with RPU along Magnolia Avenue near Merced including metering facility, pressure control as well as connection point at Sterling Pump Station in order to convey water from RPU to Western   | 240           | 180                 | 420           | Riverside Potable Water System Improvement Project     | 204  | SARCCUP                         | \$ 450,000          | \$ (450,000)       | \$ 550,000    | \$ (550,000)       |               |                      |               |                    |              |                    | \$ -          |
| 020      | A2.1 | SARCCUP Non-Potable Well (Well #7) and pipeline                       | McCartney, Doug        | Project will include a short pipeline and a groundwater production well in south Riverside basin for non-potable supplemental water supply and as needed for SARCCUP operations.   | 240           | 80                  | 320           | Riverside Non-potable Water System Improvement Project | 214  | SARCCUP                         | \$ 2,527,597        | \$ (1,446,738)     | \$ 4,000,000  | \$ (2,893,477)     |               |                      |               |                    |              |                    | \$ 2,187,382  |
| 037      | A2.1 | Linear Asset Management Program                                       | McCartney, Doug        | Annual replacement program for aging infrastructure. Includes Old MARS Pipeline Gillye, Adams, and Oakley St   | 240           | 120                 | 360           | Riverside Potable Water Asset Replacement Project      | 205  | Line of Credit                  | \$ 5,000,000        | \$ (5,000,000)     | \$ 5,000,000  | \$ (5,000,000)     | \$ 5,000,000  | \$ (5,000,000)       | \$ 5,000,000  | \$ (5,000,000)     | \$ 5,000,000 | \$ (5,000,000)     | \$ -          |
| 096      | A2.1 | Install VFDs on ADS Distribution Pumps and Wells                      | Standing Warrior, Dean | Install VFDs on ADS Distribution Pumps and Wells   | 40            | 40                  | 80            | General District                                       | 100  |                                 |                     |                    |               | \$ 500,000         |               | \$ 500,000           |               |                    |              | \$ 1,000,000       |               |
| 038      | A2.0 | McKinley Grade Separation Project                                     | Rand, Zulama           | Relocation of Sewer Facilities owned by WRCRWA but for Western Flow due to grade separation project by the City of Corona  | 200           | 40                  | 240           | La Sierra System Improvements                          | 314  |                                 | \$ 2,148,000        | \$ -               | \$ -          |                    | \$ -          |                      | \$ -          |                    | \$ -         |                    | \$ 2,148,000  |
| F014     | A2.0 | Budget Software   | Bahuelo, Daloy         | New Budget Software - With our new ERP system we will need to look into getting a new software that fits well with the new ERP system.   | 120           | 160                 | 280           | IT Project   | 108  |                                 | \$ 50,000           |                    |               |                    |               |                      |               |                    |              |                    | \$ 50,000     |

WESTERN MUNICIPAL WATER DISTRICT  
 CAPITAL IMPROVEMENT AND FACILITIES PLAN  
 FISCAL YEARS 2023-2027  
 DRAFT

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|----------|------|---|------------------|---|---------------|---------------------|---------------|--|------|--|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------|--------------------|-------|---------------|------------|
|          |      |   |                  |   |               |                     |               |  |      |  | 2022/2023     | (Offset) 2022/2023 | 2023/2024     | (Offset) 2023/2024 | 2024/2025     | (Offset) 2024/2025 | 2025/2026     | (Offset) 2025/2026 | 2026/2027    | (Offset) 2026/2027 |       |               |            |
|          |      |   |                  |   |               |                     |               |  |      |  | \$ 37,505,764 | \$ (22,537,214)    | \$ 36,781,845 | \$ (20,857,940)    | \$ 24,517,200 | \$ (5,876,178)     | \$ 23,520,000 | \$ (10,544,000)    | \$ 8,525,000 | \$ (5,000,000)     |       | \$ 66,034,477 |            |
|          |      |   |                  |   |               |                     |               |  |      |  | \$ 14,968,550 | (Offset) 2022/2023 | 2023/2024     | (Offset) 2023/2024 | 2024/2025     | (Offset) 2024/2025 | 2025/2026     | (Offset) 2025/2026 | 2026/2027    | (Offset) 2026/2027 |       |               |            |
| F015     | A2.0 | ERP Improvements-infor CSF Implementation                   | Zheng, Veronica  | This project is an effort to improve Western's ERP system through a major version upgrade, migration to cloud hosted services, or transition to a new ERP product. (Rolled forward \$550,000 Board adopted CIPF from FY21-22 to FY22-23, therefore, only left \$100,000 in FY21-22 CIPF)  | 100           | 7,300               | 7,400         | HQ Asset Replacement Project                       | 105  |  | \$ 3,100,000  |                    | \$ 1,000,000  |                    |               |                    |               |                    |              |                    |       | \$ 4,100,000  |            |
| 0081     | A2.0 | Operations Control Room                                     | Chanes, Larry    | Implementation of a new OPS Control Center located at El Sobrante   | 120           | 160                 | 280           | Ops Facility Improvement Project                   | 167  |  | \$ 240,000    |                    |               |                    |               |                    |               |                    |              |                    |       | \$ 240,000    |            |
| 0095     | A2.0 | WWRF Collection System Lift Stations Repair, Rehab, Replace | Chang, Alex      | Implement a multi-year program to extend the life span of all Collection system sites. (More detailed description)  | 40            | 40                  | 30            | WWRF Conveyance East Asset Replacement Project     | 335  |  | \$ 50,000     |                    | \$ 50,000     |                    | \$ 50,000     |                    | \$ 50,000     |                    | \$ 50,000    |                    |       | \$ 250,000    |            |
| 0099     | A2.0 | WWRF Effluent Pump Rehab and Replacement                    | Baringer, Jason  | Purchase a new Effluent Pump and rehabilitate existing for spare.   | 25            | 25                  | 50            | WWRF Treatment Asset Replacement Project           | 325  |  | \$ 50,000     |                    | \$ 50,000     |                    |               |                    |               |                    |              |                    |       | \$ 100,000    |            |
| 0113     | A2.0 | Murrieta Water Quality Blending Improvements                | Magallon, Albert | Pipeline and Valve improvements to redirect North Well flows as necessary   | 0             | 0                   | 0             | Murrieta System Improvements Project               | 234  |  | \$ 250,000    |                    |               |                    |               |                    |               |                    |              |                    |       | \$ 250,000    |            |
| 0104     | A1.9 | Potable Tank Refurbishment Program                          | McCarthy, Doug   | Perform periodic dive and dry inspections for 11 active tanks. Reccoat tanks at approximate 10-year intervals and cleaning or minor coating repairs between these intervals.  | 280           | 80                  | 360           | Riverside Potable Water Asset Replacement Project  | 205  |  | \$ -          | \$ 800,000         | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  |               | \$ 800,000 |
| 0050     | A1.7 | Victoria Basin Monitoring Wells                             | Project Partners | Installation of monitoring wells at Victoria basin  | 80            | 20                  | 100           | Chino Desalter System Improvement Project          | 424  | MWD Grant                                | \$ 500,000    | \$ (500,000)       | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ -          |            |
| 0001     | A1.4 | Meter Replacement Project (Phase III) Riverside             | Huffman, Tresa   | Enhance meter accuracy, customer information, and customer equity by replacing or retrofitting meters in the Riverside and Murrieta service areas that are not AMI-compatible meters.   | 150           | 150                 | 150           | Riverside System Improvements Project              | 204  |  | \$ 490,000    |                    | \$ 490,000    |                    |               |                    |               |                    |              |                    |       | \$ 980,000    |            |
| 0002     | A1.4 | Meter Replacement Project (Phase III) Murrieta              | Huffman, Tresa   | Enhance meter accuracy, customer information, and customer equity by replacing or retrofitting meters in the Riverside and Murrieta service areas that are not AMI-compatible meters.   | 34            | 34                  | 34            | Murrieta System Improvements Project               | 234  |  | \$ 110,000    |                    | \$ 110,000    |                    |               |                    |               |                    |              |                    |       | \$ 220,000    |            |
| 0091     | A1.4 | Perris Valley Turnout (S1.1M)                               | Rand, Zuzanna    | Station for future pump of Perris Valley Turnout  | 0             | 0                   | 0             | Riverside Potable Water System Improvement Project | 204  | 2020A Bond                               | \$ 1,100,000  | \$ (1,100,000)     | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ -          |            |
| W007     | A1.2 | Enhanced Recharge Project: SAR Spreading Basins             | Shaw, Ryan       | (VALLEY DISTRICT HAS \$7M BUDGETED FOR NEXT FY... NEED TO DECIDE IF WE WANT TO INCLUDE THAT OR GO BACK TO THE BOARD IF AND WHEN THEY SPEND THAT MONEY) This is a joint project between WMWD, San Bernardino Valley Municipal Water District, San Bernardino Valley Water Conservation District, and the City of Riverside. An analysis performed as part of the Santa Ana River Watershed Integrated Regional Water Management Plan determined that an estimated 80,000 AFY of water can be recharged into the Bunker Hill Basin. | 100           | 100                 | 200           | General District                                   | 100  | Plaintiff Party Cost Sharing Agreements  | \$ 4,000,000  | \$ (3,900,000)     | \$ 2,800,012  | \$ (2,772,012)     | \$ 102,200    | \$ (101,178)       |               |                    |              |                    |       |               | \$ 129,022 |
| 0009     | B2.3 | MGL Slow-off Repairs and Isolation Valve Replacement        | Sr Engineer      | Repair or replace blow-offs and isolation valves along the fourteen mile pipeline.  | 300           | 240                 | 540           | Mills Gravity Line Major Maintenance               | 407  |  | \$ -          | \$ 1,200,000       | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ 1,200,000  |            |
| 0109     | B2.3 | Reservoir Management Systems                                | Magallon, Albert | Reservoir Management Systems (RMS) proposed site Markham  | 770           | 770                 | 770           | Riverside Potable Water System Improvement Project | 204  |  |               |                    | \$ 600,000    |                    |               |                    |               |                    |              |                    |       | \$ 600,000    |            |
| 0100     | B2.2 | WWRF Boiler   | Shaw, Michael    | Re-tube and rebuild WWRF Boilers  | 60            | 60                  | 120           | WWRF Treatment Asset Replacement Project           | 325  |  | \$ 100,000    |                    |               |                    |               |                    |               |                    |              |                    |       | \$ 100,000    |            |
| 0083     | B2.0 | GAC for PFAS at WWRF  | Rand, Zuzanna    | GAC Treatment for PFAS at WWRF  | 240           | 40                  | 280           | WWRF Treatment System Improvements                 | 324  | Community Project and Reclamation Grants | \$ 2,156,667  | \$ (1,566,667)     | \$ 4,333,333  | \$ (3,133,333)     | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ 1,800,000  |            |
| 0079     | B2.0 | Operations Fueling Station                                  | Hike, Chris      | Onsite Fueling Station to increase fuel supplies and efficiency of fleet refueling.   | 160           | 390                 | 550           | Ops Facility Improvement Project                   | 144  |  |               | \$ 800,000         |               |                    |               |                    |               |                    |              |                    |       | \$ 800,000    |            |
| 0115     | B2.0 | Install ADS to Sterling Pump Station Flow Meter             | Pollak, Tony     | Install new 30" mag meter between ADS and SPS   | 120           | 20                  | 140           | General District                                   | 100  |  | \$ 200,000    | \$ -               | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ 200,000    |            |
| 0116     | B2.0 | Install SPS to La Sierra Tank Flow Meter                    | Pollak, Tony     | Install new flow meter between the Sterling Pumps Station/La Sierra Pipeline and the La Sierra Reservoir  | 120           | 20                  | 140           | General District                                   | 100  |  | \$ 250,000    | \$ -               | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ 250,000    |            |
| 0117     | B2.0 | Install SPS to MGL Flow meter                               | Pollak, Tony     | Install new flow meter between the Sterling Pumps Station/La Sierra Pipeline and the MGL  | 120           | 20                  | 140           | General District                                   | 100  |  | \$ 250,000    | \$ -               | \$ -          |                    | \$ -          |                    | \$ -          |                    | \$ -         |                    | \$ -  | \$ 250,000    |            |

WESTERN MUNICIPAL WATER DISTRICT  
 CAPITAL IMPROVEMENT AND FACILITIES PLAN  
 FISCAL YEARS 2023-2027  
 DRAFT

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|----------|------|---|------------------|---|---------------|---------------------|---------------------|---|------|---|-----------------|--------------------|-----------------|--------------------|----------------|--------------------|-----------------|--------------------|----------------|--------------------|--------------|------------|
|          |      |   |                  |   |               |                     |                     |   |      | TOTAL                                   | (Offset)        | TOTAL              | (Offset)        | TOTAL              | (Offset)       | TOTAL              | (Offset)        | TOTAL              | (Offset)       | TOTAL              |              |            |
|          |      |   |                  |   |               |                     |                     |   |      | \$ 37,505,764                           | \$ (22,537,214) | \$ 36,781,845      | \$ (20,857,940) | \$ 24,517,200      | \$ (5,876,178) | \$ 23,520,000      | \$ (10,544,000) | \$ 8,525,000       | \$ (5,000,000) | \$ 66,034,477      |              |            |
|          |      |   |                  |   |               |                     |                     |   |      | \$ 14,968,550                           | \$ 15,923,905   | \$ 18,641,022      | \$ 12,976,000   | \$ 3,525,000       |                |                    |                 |                    |                |                    |              |            |
| Project# | Rank | Project Name                                      | Project Manager  | Project Description   | Project Hours | Total Support Hours | Total Project Hours | Fund Description                                      | Fund | Offset Explanation (Grants/Loans)       | 2022/2023       | (Offset) 2022/2023 | 2023/2024       | (Offset) 2023/2024 | 2024/2025      | (Offset) 2024/2025 | 2025/2026       | (Offset) 2025/2026 | 2026/2027      | (Offset) 2026/2027 | Total        |            |
| D097     | B1.9 | Install Security System ADS                       | Magallon, Albert | Install ADS security system - including CCTV (linked into OPS Central Control Room)   | 20            | 80                  | 80                  | General District                                      | 100  |   |                 |                    |                 | \$ 200,000         |                | \$ 200,000         |                 |                    |                |                    | \$ 400,000   |            |
| E087     | B1.8 | Water Filling Stations                            | McCartney, Doug  | Install up to two (2) Water Stations at identified locations in the Gavilan Hills Area. Stations run approximately \$100,000each. Staff will seek possible grant opportunities.   | 120           | 120                 | 240                 | Riverside Potable Water System Improvement Project    | 204  | Community Project Grant                 | \$ 163,500      | \$ (163,500)       | \$ 163,500      | \$ (163,500)       |                |                    |                 |                    |                |                    |              | \$ -       |
| E080     | B1.8 | Fleet Electrification                             | Fike, Chris      | Contract a consultant to conduct analysis of existing fleet and propose implementation plan to convert to electric.   | 80            | 80                  | 160                 | Vehicle Asset Replacement Project                     | 145  |   |                 |                    | \$ 250,000      |                    | \$ 250,000     |                    | \$ 250,000      |                    | \$ 250,000     |                    | \$ 1,000,000 |            |
| E048     | B1.5 | North Well Sound Enclosure                        | Project Partners | Construction of sound enclosure around motor at the North Well in order to reduce decibels to meet City standards and to the surrounding neighborhood   | 100           | 20                  | 120                 | Murrieta System Improvements Project                  | 234  |   | \$ 80,000       | \$ -               | \$ -            | \$ -               |                |                    | \$ -            |                    | \$ -           |                    | \$ 80,000    |            |
| D083     | B1.5 | District Metered Areas                            | Chanes, Larry    | Install necessary meters and instrumentation to create District Metered Areas aiding staff in the optimization, maintenance, and reliability of the water system.   | 80            | 100                 | 180                 | Riverside Potable Water System Improvement Project    | 204  |   | \$ 100,000      |                    | \$ 100,000      |                    | \$ 100,000     |                    | \$ 100,000      |                    | \$ 100,000     |                    | \$ 500,000   |            |
| W008     | B1.2 | Active Recharge Project: SAR Tributaries          | Shaw, Ryan       | The Western San Bernardino Watermaster identified access to additional water rights in the SBA. This project seeks to capture these new water rights. This is a joint project between San Bernardino Valley Municipal Water District and Western Municipal Water District on behalf of the plaintiff parties. | 150           | 150                 | 300                 | Water Resources Development Project                   | 107  | Plaintiff Party Cost Sharing Agreements | \$ 600,000      | \$ (575,000)       | \$ 600,000      | \$ (575,000)       | \$ 800,000     | \$ (775,000)       | \$ 5,600,000    | \$ (5,544,000)     |                |                    |              | \$ 131,000 |
| D112     | C2.4 | Building Climate Control                          | Arimas, Maribel  | Replace (4) HVAC units at Meridian with like units or other necessary repairs and replacement for building climate control.   | 120           | 0                   | 120                 | HQ Asset Replacement Project                          | 105  |   | \$ 800,000      |                    |                 |                    |                |                    |                 |                    |                |                    |              | \$ 800,000 |
| E105     | C2.3 | Planned CIP - Oleander PS MCC Replacement         | McCartney, Doug  | Design year 1 install year 2<br>Electrical services will support Engineering  | 120           | 1,040               | 1,160               | Riverside Potable Water Asset Replacement Project     | 205  |   |                 | \$ -               | \$ 200,000      | \$ -               | \$ 600,000     | \$ -               | \$ -            |                    | \$ -           |                    | \$ -         | \$ 800,000 |
| D098     | C2.3 | Install ADS Vault Lids                            | Magallon, Albert | Installation of multiple vault lids.  | 20            | 20                  | 40                  | General District                                      | 100  |   |                 |                    |                 | \$ 120,000         |                |                    |                 |                    |                |                    | \$ 120,000   |            |
| E105     | C2.2 | Inline Booster Station MCC Replacement            | McCartney, Doug  | Design year 1 install year 2<br>Electrical services will support Engineering  | 240           | 200                 | 440                 | Riverside Non-potable Water Asset Replacement Project | 215  |   | \$ -            | \$ 100,000         | \$ -            | \$ 300,000         | \$ -           | \$ -               |                 | \$ -               |                | \$ -               | \$ -         | \$ 400,000 |
| D110     | C2.2 | Building Efficiency Initiatives                   | Arimas, Maribel  | Energy Efficiency and Building Condition Assessment; Replace discontinued fluorescent lighting ballasts with new more efficient LED ballasts or other energy efficient repair or replacement.   | 120           | 0                   | 120                 | HQ Asset Replacement Project                          | 105  |   |                 |                    |                 | \$ 100,000         |                |                    |                 |                    | \$ 400,000     |                    | \$ 500,000   |            |
| E103     | C2.1 | WWRF Flare Rehabilitation                         | Rand, Zuzanna    | The WWRF Flare is in need of rehabilitation as the internal insulation has deteriorated and causing failure of other complementary equipment.   | 120           | 20                  | 140                 | WWRF Treatment Asset Replacement Project              | 325  |   | \$ 250,000      | \$ -               | \$ -            | \$ -               | \$ -           | \$ -               | \$ -            |                    | \$ -           |                    | \$ -         | \$ 250,000 |
| D104     | C2.1 | Asset Management Initiatives                      | Arimas, Maribel  | Evaluation of Asset Management planning activities with consultant and/or the development of a technical memo addressing Asset Management priorities.   | 240           | 240                 | 480                 | Ops Asset Replacement Project                         | 165  |   | \$ 100,000      |                    | \$ 100,000      |                    | \$ 100,000     |                    | \$ 100,000      |                    | \$ 100,000     |                    | \$ 500,000   |            |
| D004     | C1.9 | District Facilities Audio/Visual Upgrade          | Mouvet, Michael  | Plan and complete an upgrade to the audio/visual systems in the District's Board room and certain conference rooms.   | 20            | 390                 | 410                 | HQ Facility Improvement Project                       | 106  |   |                 |                    |                 | \$ 300,000         |                |                    |                 |                    |                |                    |              | \$ 300,000 |
| D075     | C1.9 | Warehouse Assessment and Implementation           | Arimas, Maribel  | Development of technical memo addressing storage capacity and layout design and optimization, as well as evaluation of inventory methods  | 80            | 100                 | 180                 | Ops Facility Improvement Project                      | 157  |   | \$ 100,000      |                    | \$ 100,000      |                    | \$ 100,000     |                    |                 |                    |                |                    |              | \$ 300,000 |
| E018     | C1.8 | Reservoir Management - Murrieta                   | Rand, Zuzanna    | Adding a tank mixing system to the existing reservoirs will allow tanks to be kept at a high level rather than cycling the tanks from high to low water levels.   | 150           | 620                 | 770                 | Murrieta Asset Replacement Project                    | 235  |   | \$ -            | \$ -               | \$ -            | \$ 600,000         | \$ -           | \$ -               | \$ -            |                    | \$ -           |                    | \$ -         | \$ 600,000 |
| D111     | C1.8 | Meridian Roof Repairs                             | Arimas, Maribel  | Remove all loose and damaged areas of roofing surface and install silicon roof restoration coating to entire roof surface.  | 120           | 0                   | 120                 | HQ Facility Improvement Project                       | 105  |   |                 |                    |                 | \$ 250,000         |                |                    |                 |                    |                |                    |              | \$ 250,000 |
| E104     | C1.7 | WWRF Chlorine Contact Install Basin Modifications | Rand, Zuzanna    | Design and implement baffle modifications to reduce short-circuiting through the basins.  | 120           | 60                  | 180                 | WWRF Treatment Asset Replacement Project              | 325  |   | \$ -            | \$ 75,000          | \$ -            | \$ 75,000          | \$ -           | \$ -               | \$ -            |                    | \$ -           |                    | \$ -         | \$ 150,000 |
| W017     | C1.7 | GIS System Improvements                           | Conrad, Robert   | The current GIS system has missing and inaccurate data as well as other data quality gaps. This project will build on planned GIS Strategic Planning efforts and complete GIS Data Quality and System improvements to better meet the need of staff and customers.  | 100           | 650                 | 750                 | IT Project  | 108  |   | \$ 30,000       |                    | \$ 200,000      |                    | \$ 200,000     |                    | \$ 100,000      |                    | \$ 100,000     |                    |              | \$ 630,000 |

WESTERN MUNICIPAL WATER DISTRICT  
 CAPITAL IMPROVEMENT AND FACILITIES PLAN  
 FISCAL YEARS 2023-2027  
 DRAFT

| Project# | Rank | Project Name   | Project Manager  | Project Description  | Project Hours | Total Support Hours | Total Project | Fund Description                                      | Fund | Offset Explanation (Grants/Loans) | 2022/2023  | (Offset) 2022/2023 | 2023/2024  | (Offset) 2023/2024 | 2024/2025    | (Offset) 2024/2025 | 2025/2026 | (Offset) 2025/2026 | 2026/2027 | (Offset) 2026/2027 | Total        |
|----------|------|--|------------------|--|---------------|---------------------|---------------|---|------|-----------------------------------|------------|--------------------|------------|--------------------|--------------|--------------------|-----------|--------------------|-----------|--------------------|--------------|
|          |      |  |                  |  |               |                     |               |   |      |                                   | \$         | \$                 | \$         | \$                 | \$           | \$                 | \$        | \$                 | \$        | \$                 | \$           |
|          |      |  |                  |  |               |                     |               |   |      |                                   | Net Totals | \$                 | \$         | \$                 | \$           | \$                 | \$        | \$                 | \$        | \$                 | \$           |
| E099     | C1.6 | MGL Cathodic Protection  | Felix, Sergio    | Install Cathodic protection for Mills Gravity Line   | 200           | 100                 | 300           | Mills Gravity Line Major Maintenance                  | 407  |                                   | \$ -       |                    |            |                    | \$ 1,590,000 | \$ -               |           |                    |           | \$ -               | \$ 1,590,000 |
| O107     | C1.6 | Operations Space Planning and Room Conversion                              | Wilcox, Anita    | Assessment of spatial needs: conversion of existing space or addition of new space.  | 120           | 120                 | 240           | Ops Facility Improvement Project                      | 167  |                                   | \$ 100,000 |                    |            |                    |              |                    |           |                    |           |                    | \$ 100,000   |
| E084     | C1.4 | ISI MARB PFOS Mitigation   | Sr Engineer      | Sewer rehabilitation within MARB and the non-contonement areas that were found to contain high concentrations of PFOS/PFA5             | 0             | 0                   | 0             | WWRF Conveyance East System Improvement Project       | 334  |                                   | \$ -       |                    | \$ -       | \$ 490,000         | \$ -         | \$ 4,410,000       | \$ -      |                    |           | \$ -               | \$ 4,900,000 |
| E085     | C1.4 | MARB Sewer Infiltration Reduction  | Sr Engineer      | Reduction of sewer infiltration and inflow at MARB   | 0             | 0                   | 0             | WWRF Conveyance East System Improvement Project       | 334  |                                   | \$ -       |                    |            |                    | \$ -         |                    | \$ -      |                    |           | \$ -               | \$ -         |
| E089     | C1.4 | Murrieta Sewer Groundwater Infiltration Reduction                          | Sr Engineer      | Reduction for future infiltration of Murrieta Sewer Groundwater  | 0             | 0                   | 0             | Murrieta Sewer System Improvements Project            | 354  |                                   | \$ -       | \$ 1,500,000       | \$ -       | \$ 1,500,000       | \$ -         |                    | \$ -      |                    |           | \$ -               | \$ 3,000,000 |
| E092     | C1.4 | MGL Reach F - Valve replacements   | Sr Engineer      | replacements for future valve of MGLS Reach F  | 0             | 0                   | 0             | Mills Gravity Line Major Maintenance                  | 407  |                                   | \$ -       |                    | \$ -       |                    | \$ -         | \$ 500,000         |           |                    |           | \$ -               | \$ 500,000   |
| E093     | C1.4 | ADS Well #5 - vault expansion (currently not able to access)               | Project Partners | expansion for acces to vault of ADS Well   | 0             | 0                   | 0             | Arlington Desalter System improvement Project         | 414  |                                   | \$ -       |                    |            |                    | \$ -         | \$ 500,000         | \$ -      |                    |           | \$ -               | \$ 500,000   |
| E095     | C1.4 | Non Potable Recycle Tank Refurb Program Design and Rehab multiple tanks    | McCartney, Doug  | Funds for evaluations and future tank rehabilitations.   | 280           | 80                  | 360           | Riverside Non-potable Water Asset Replacement Project | 215  |                                   | \$ -       |                    | \$ -       | \$ 250,000         | \$ -         | \$ 700,000         | \$ -      | \$ 250,000         |           | \$ -               | \$ 1,200,000 |
| E097     | C1.4 | Rainbow Tank Refurbishment Program   | McCartney, Doug  | Pending a project consultant to begin work to coat and paint the Rainbow tank.   | 200           | 0                   | 200           | Rainbow/Rock Mountain Asset Replacement Project       | 245  |                                   | \$ -       |                    | \$ -       | \$ 75,000          | \$ -         | \$ 795,000         | \$ -      |                    |           | \$ -               | \$ 870,000   |
| E098     | C1.4 | New Electrical Pump at Holcomb Pump Station Redundancy and Risk Mitigation | Rand, Zuzanna    | Add an additional electrical pump to Holcomb Pump Station to realize more cost effective operations over time.                         | 240           | 150                 | 390           | Riverside Potable Water System Improvement Project    | 204  |                                   | \$ -       |                    | \$ -       | \$ 300,000         | \$ -         |                    | \$ -      |                    |           | \$ -               | \$ 300,000   |
| E086     | C1.3 | Recycled Water Pipeline  | McCartney, Doug  | Pipeline for Recycled Water to fix blockages   | 0             | 0                   | 0             | Riverside Non-potable Water Asset Replacement Project | 215  |                                   | \$ -       |                    | \$ -       |                    | \$ -         | \$ 800,000         | \$ -      |                    |           | \$ -               | \$ 800,000   |
| E096     | C1.3 | Grizzly Ridge Rehabilitation   | Sr Engineer      | Project will consist of lining or replacing the existing steel bolted tank with a welded steel tank and mixing system.                 | 240           | 100                 | 340           | Murrieta Asset Replacement Project                    | 235  |                                   | \$ -       | \$ 200,000         | \$ -       | \$ 1,100,000       | \$ -         |                    | \$ -      |                    |           | \$ -               | \$ 1,300,000 |
| E088     | C1.1 | Solar Site Erosion Damage Repair   | Project Partners | Repair for future damage of Solar Site due to Erosion  | 0             | 0                   | 0             | Ops Facility Improvement Project                      | 167  |                                   | \$ -       |                    | \$ -       | \$ 365,000         | \$ -         |                    | \$ -      |                    |           | \$ -               | \$ 365,000   |
| E100     | D2.0 | Murrieta Water Quality Treatment   | McCartney, Doug  | Install Pipeline from North Well to Ivy Street Property and Install wellhead treatment for both North Well and New Clay                | 0             | 0                   | 0             | Murrieta System Improvements Project                  | 234  |                                   |            | \$ 1,260,000       |            | \$ 5,600,000       |              | \$ 1,540,000       |           |                    |           |                    | \$ 8,400,000 |
| O103     | D1.8 | Purchase New Bobcat with attachments                                       | Animas, Maribel  | Purchase New Bobcat with attachments (Has wheels, considered vehicle, not MP)  | 10            | 10                  | 20            | Ops Equipment Acquisition Project                     | 166  |                                   |            |                    | \$ 100,000 |                    |              |                    |           |                    |           |                    | \$ 100,000   |
| O114     | D1.6 | Addition of New Pressure Reducing Valves                                   | Pollak, Tony     | Implementation of Phase 1 pressure reducing valves recommended in the HAL Optimization report  | 200           | 20                  | 220           | Riverside Potable Water System Improvement Project    | 204  |                                   | \$ -       |                    | \$ -       | \$ 200,000         | \$ -         | \$ 200,000         | \$ -      |                    |           | \$ -               | \$ 400,000   |
| E090     | D1.4 | Markham PRV currently in road, county will make move eventually            | Sr Engineer      | relocation of PRV on Markham (protection or moving)  | 0             | 0                   | 0             | Riverside Potable Water Asset Replacement Project     | 205  |                                   | \$ -       |                    | \$ -       | \$ 600,000         | \$ -         |                    | \$ -      |                    |           | \$ -               | \$ 600,000   |
| O117     | D1.4 | Upgrade Exterior Perimeter Fence/Gate at Operations Facility               | Chabwin, James   | Upgrade the exterior fencing at Operations to anti-climb and anti-cut and approximately 8 feet in height with Constantine wire on top. | 20            | 15                  | 35            | Ops Asset Replacement Project                         | 165  |                                   |            |                    |            |                    |              | \$ 300,000         |           | \$ 350,000         |           |                    | \$ 650,000   |
| E094     | D1.3 | Sterling Pump Station - Elevated Make Up Oil Tank to Feed Engines          | Francis, Karl    | Year 1 Design, Year 2 Build  | 0             | 0                   | 0             | La Sierra/Sterling Pump Station System Improvements   | 434  |                                   |            |                    |            |                    |              | \$ 75,000          |           | \$ 225,000         |           | \$ 300,000         |              |
| W016     | D1.2 | Proposed Landscape Project   | Shaw, Ryan       | Demonstration landscape in coordination with March Air Museum  | 150           | 150                 | 300           | General District                                      | 100  |                                   | \$ 100,000 |                    | \$ 750,000 |                    |              |                    |           |                    |           |                    | \$ 350,000   |