

Crescenta Valley Water District  
CIP Master Plan Refresh - Fiscal Year 2027-37

| Asset Class / Infrastructure Type                                                                                                                       | Existing Data/Past Method                                                           | Data /Method                                                                                                                                                                                                                                               | Steps/Timeline                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Pipelines + Valves + hydrants                                                                                                                           | Age<br>Leak History                                                                 | Condition assessment<br>Water masterplan<br>Hydraulic capacity                                                                                                                                                                                             | Proceed with WMP<br>Prioritize hydraulic model<br>Test leak/pipe wall thickness methods                                   |
| Reservoirs                                                                                                                                              | 3-yr inspection<br>Rehab 1 reservoir / year - Rehab. Eagle Canyon due next FY 26-27 | Continue practice<br>Incorporate evaluation 3/year                                                                                                                                                                                                         | Incorporate seismic evaluation assessment                                                                                 |
| Wells                                                                                                                                                   | Every 5 years rehab                                                                 | Continue plan with case-by-case evaluation, considering run/operation time, efficiency, production<br>Additional wells and groundwater model runs, monitoring wells.                                                                                       | Look at history , production, input from System operations                                                                |
| Motors & Pumps                                                                                                                                          | On rotation based on hours                                                          | Efficiency and Age<br>Based on Efficiency Report and visual assessment/production                                                                                                                                                                          | Look at history , production, pump efficiency                                                                             |
| Treatment - Cl2, Nitrate, PFAS, Sampling, Forebays, Aeration Tower                                                                                      | None<br>Run to fault                                                                | PFAS treatment address nitrates<br>Preemptive sampling condition assessments<br>Plant wide assessment<br>Pump equipment recommended                                                                                                                        | Results from PFAS, & emergent contaminants<br>Pull Pm from plant system to go into CMMS<br>Recurring plantwide assessment |
| Wastewater                                                                                                                                              | NA                                                                                  | Wastewater master plan every 7years                                                                                                                                                                                                                        | Incorporate into CIP masterplan<br>Upsize septic laterals<br>Update best practices and align                              |
| Facilities                                                                                                                                              | Replace as needed                                                                   | Consider all building roofs, AC/HVAC, Structural /Seismic                                                                                                                                                                                                  | Identify immediate needs, routine assessments<br>Long term strategy for solar, green building, energy efficiency          |
| Fleet                                                                                                                                                   | 6-yr Cycle                                                                          | Document layout 10-yr replacement<br>Zero Emissions compliance charging stations                                                                                                                                                                           | Review Regulatory requirements, inventory, strategy, needs, lifecycle                                                     |
| IT SCADA Instrumentation, Radios, Enterprise Systems                                                                                                    | Highroad recommendation, SKY IO                                                     | Document needs                                                                                                                                                                                                                                             | Seek input-CVWD , Highroad, Sky IO,                                                                                       |
| Other: Seismic, GW Infiltration, Rosemont, Reservoir/Well Roads, Hazard Mitigation list, GWW, ERP, VWMP, Innovation, water reuse, recycled water pilots | As needed                                                                           | Pro-active review incorporation of all other plans ERP, HMP, UMMP, SSMP, WMP, WWMP, GW Model, Roads (reservoirs) Assessment/rehab. Permeable pavers at facilities, reservoir sites, etc. Eaton after action report, Injury, illness, Incident Prevent Plan | Incorporate existing actions, update as needed ensure all plan roll up into CIP, Summarize pilot results and incorporate  |