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Administrative Law Judge	:	<u>A. Rosas</u>
Public Advocates Office	:	<u>S. Ibrahim</u>
Witness(es)	:	



Public Advocates Office
California Public Utilities Commission


**REPORT AND RECOMMENDATIONS ON
PERCENTAGE COST ADDERS, PREVIOUSLY FUNDED
INCOMPLETE PROJECTS, COMMON PLANT,
CUSTOMER SUPPORT SERVICES AND RANCHO
DOMINGUEZ, FOUR FACTOR ALLOCATION,
LIVERMORE DISTRICT, STOCKTON DISTRICT,
AND TRAVIS DISTRICT**

(PUBLIC)

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1 **MEMORANDUM**

2 The Public Advocates Office at the California Public Utilities Commission (“Cal
3 Advocates”) examined application material, data request responses, and other
4 information presented by California Water Service Company (“Cal Water or CWS”) in
5 Application (“A.”) 24-07-003 to provide the California Public Utilities Commission
6 (“Commission” or “CPUC”) with recommendations in the interests of ratepayers for safe
7 and reliable service at the lowest cost. Sari Ibrahim prepared this report under the general
8 supervision of Program Manager Richard Rauschmeier, Program and Project Supervisor
9 Syreeta Gibbs, and Project Lead Edward Scher. Emily Fisher and Megan Delaporta are
10 Cal Advocates’ legal counsel.

11 Although every effort was made to comprehensively review, analyze, and provide
12 the Commission with recommendations on each ratemaking and policy aspect presented
13 in the Application, the absence from Cal Advocates’ testimony of any particular issue
14 connotes neither agreement nor disagreement of the underlying request, methodology, or
15 policy position related to that issue.

1 **CHAPTER 1 BLANKET PERCENTAGE COST ADDERS**

2 **I. INTRODUCTION**

3 This chapter presents Cal Advocates’ recommendations concerning contingency
4 factors and the Construction Management and Special Inspection (CMSI) blanket
5 percentage cost adder. Contingency factors are an increase to capital budgets for
6 unforeseen circumstances that may or may not occur. Contingency factors increase the
7 cost to ratepayers for unknown situations that may never materialize. Because a regulated
8 utility’s profit is a direct function of their capital spending, they have the incentive to use
9 all funds earmarked for capital budgets. As such, regulated utilities are incentivized to
10 spend any contingency funds included in their revenue requirement, whether or not a
11 ‘contingency’ occurred. CMSI are a blanket inspection and construction management
12 adders that CWS adds for potential third-party management services. The CMSI adder
13 functions much the same as contingency, earmarking budgets for potential costs that may
14 or may not occur.

15 As the following chapters demonstrate, CWS requests a capital budget that is
16 unnecessarily high. CWS does not complete a large percentage of projects that it claims
17 are essential to operations. Blanket factors such as contingency and CMSI are
18 speculative, unnecessary, and inflate CWS’ capital budget on which shareholders collect
19 profit.

20 **II. SUMMARY OF RECOMMENDATIONS**

- 21 • The Commission should reject CWS’s proposal to include in rates a 7%
22 to 35% contingency factor on most forecast capital projects.
- 23 • The Commission should reject CWS’s proposal to include in rates a 5%
24 to 15% CMSI adder on capital projects.

1 **III. ANALYSIS**

2 **A. Contingency**

3 CWS applies a 7% to 35% contingency factor to most capital project budgets.¹
4 The factor is added to a project budget for unforeseen circumstances that may arise. A
5 regulated utility’s use of blanket contingency adders is not reasonable in a ratemaking
6 setting because every dollar in rates must be justified by the utility.

7 **1. CWS Has Not Justified its Proposed Contingency**
8 **Budget**

9 CWS adds approximately \$70 million in contingency adders on capital projects
10 forecast in 2025, 2026, and 2027.² In total, CWS budgets more than \$126 million for
11 contingency on capital projects.³ In other words, under its proposal, CWS would collect
12 \$14 million a year in revenue from contingency adders alone based on the revenue
13 requirement impact from the rate base addition.⁴

14 As the Commission has repeatedly noted, “in a normal general rate case, a utility
15 must demonstrate the reasonableness of every dollar in its revenue requirement.”⁵ By
16 definition, contingency is “a provision for an unforeseen event or circumstance.”⁶ Even
17 CWS admits that contingency covers events such as planning and estimating errors and
18 omissions, or even changes in scope and development.⁷ It is inappropriate to increase
19 customer rates to account for unknown errors or events that may or may not occur, or
20 unforeseen project changes that the Commission cannot review for reasonableness.

¹ Attachment 1-1, CWS Response to DR KN3-003, Attachment 1_w start dates.

² Attachment 1-1, CWS Response to DR KN3-003, Attachment 1_w start dates.

³ Attachment 1-1, CWS Response to DR KN3-003, Attachment 1_w start dates.

⁴ Using a return on rate base of 7.46% and net to gross multiplier of 1.5.

⁵ Decision (D.)96-12-066 at 5; D.21-08-036 at 331.

⁶ CWS Project Justification Book, “Common Plant Overview_2024_Final COMMON PLANT PJ” (Common Plant PJ) at 547.

⁷ Common Plant PJ at 547.

1 For example, to estimate costs of a pipeline replacement project, CWS uses
2 historical project costs to determine a unit cost per-foot of replacement.⁸ An average of
3 historical recorded costs already includes unforeseen events that have occurred in past
4 pipeline replacement projects. CWS has been operating in California since 1926 and is
5 California’s largest regulated water utility.⁹ Pipeline replacement projects are an
6 essential function of a water utility and CWS has extensive experience and historical data
7 to support pipeline replacement cost estimates. Despite the ample data, however, CWS
8 proposes to add a 10% contingency to its pipeline replacement forecast.¹⁰ Further, CWS
9 includes extra costs for pipeline replacement in its “Non-Specifics” budget, anticipating
10 “[increasing] agency requirements for paving restoration associated with trenching and
11 pipeline replacement.”¹¹ Thus, if any additional costs related to pipeline replacement
12 should occur, CWS has already estimated or included them in other budgets.

13 In multiple decisions, including CWS’s most recent GRC, the Commission has
14 determined that blanket contingencies for routine projects are unreasonable and create a
15 disincentive to prudent forecasting by utilities..¹² CWS acknowledges that the
16 Commission rejected its last request for contingency factors in D.24-03-042, but asserts
17 that the timing of D.24-03-042 on March 7, 2024 afforded CWS “no time to remove
18 contingency from our planned projects” before filing its July, 2024 GRC application.¹³
19 CWS also claims, without support, that the Commission’s rejection of contingency
20 factors in D.24-03-042 was “so aberrant from past Commission policy and practice that
21 Cal Water requested rehearing on the contingency conclusions in the case”.¹⁴

⁸ Common Plant PJ at 8.

⁹ “Company Information,” California Water Service, <https://www.calwater.com/about/company-information/> accessed on 12/25/2024.

¹⁰ Attachment 1-1, CWS Response to DR KN3-003 Attachment 1_w start dates.

¹¹ Common Plant PJ at 647.

¹² See, e.g., D.24-03-042 at 26-27; D.21-08-036 at 331; D.19-05-020 at 150-153.

¹³ CWS Testimony Book #1 – July (CWS Testimony Book #1) at 38, lines 5-9.

¹⁴ CWS Testimony Book #1 at 38, lines 9-11.

1 The 10% contingency for projects related to the main replacement program alone
2 would amount to \$42.4 million¹⁵ in ratepayer costs that inflate the pipeline replacement
3 budget without a demonstrated reasonable purpose, considering that CWS routinely fails
4 to completely expend its pipeline replacement budget.

5 2. Risk Management and Prudent Forecasting

6 CWS states that contingency is a “critical aspect of financial planning and risk
7 management.”¹⁶ While contingency adders are certainly part of the normal financial
8 planning and risk management process for most construction projects, there is a
9 significant difference between that normal process and the process of setting customer
10 rates. The contingency factors and adders used by project estimators provide decision
11 makers with a sense of what *might* be paid under different scenarios for unforeseen
12 events should they occur. In a ratemaking context, the use of contingency factors results
13 in rates that customers *will* pay for unforeseen events regardless of whether they occur or
14 not. In effect, shareholders collect profit from the contingency amount while ratepayers
15 pay for that collection through higher rates.

16 CWS, as the largest operating regulated water utility west of the Mississippi
17 river,¹⁷ has extensive experience as a water utility and has multiple teams and engineers
18 working to create cost estimates and budgets for capital projects. For example, CWS has
19 a Capital Planning and Budgeting group and a Capital Program Management Committee
20 that oversee all budget and capital planning related activities,¹⁸ both of which are funded
21 by ratepayers. Yet, CWS proposes to *further* shift any risk of capital project cost
22 overruns onto ratepayers with its requests for contingency factors. Ratepayers already
23 bear the primary risk of cost overruns as any reasonable project cost above those that are

¹⁵ [REDACTED]

¹⁶ Common Plant PJ Book at 547.

¹⁷ <https://www.calwater.com/about/company-information/> accessed on 12/25/2024.

¹⁸ Common Plant PJ Book at 7.

1 estimated in the Revenue Requirement will eventually be added to ratebase in a
2 subsequent general rate case.

3 CWS quotes the Association for the Advancement of Cost Engineering
4 International, stating ‘contingency is generally included in most estimates and is expected
5 to be expended.’¹⁹ In a competitive market, a company can increase profits by
6 minimizing costs, because if the company does not, they will lose customers to
7 competitors who can provide the same product at a lower cost. A regulated utilities
8 profits are based on capital expenditure going into rate base. Regulated utilities are
9 incentivized to spend any earmarked capital budgets to increase their return on rate base
10 and profits.

11 Finally, CWS can recover all reasonable capital costs in excess of its budget in its
12 next rate case. As part of its capital request justification for each district, CWS provides a
13 list of projects which are “In Progress Over-Budget and/or Over-Schedule.” In its project
14 justification books, CWS also provides explanations for why a project has gone over
15 budget and what drove the additional costs. This approach allows the Commission to
16 review the reasonableness of the additional capital budget request before allowing the
17 utility to include the extra costs in rates.

18 In its role as a substitute for competition, the Commission should not allow CWS
19 to include the costs of contingency factors in customer rates. These costs are speculative,
20 unnecessary, and therefore, unreasonable. To incentivize greater accuracy in forecasting,
21 budgeting, and prudent cost controls, the Commission should reject CWS’s request for
22 ratepayer-funded contingency factors.

23 **B. Construction Management and Special Inspections**

24 CWS proposes to include a Construction Management and Special Inspections
25 (CMSI) adder for certain projects. CWS states that its existing project management
26 practices are not “the most efficient way to manage the company’s portfolio of work,”

¹⁹ Common Plant PJ Book at 547, quoting Association for the Advancement of Cost Engineering International 10S-90.

1 noting that the “challenges are most prominent in the construction phase of projects.”²⁰
2 CWS explains it has historically required staff lacking appropriate qualifications and
3 experience to perform construction management functions, which “[overall]...has
4 resulted in variable construction quality.”²¹ Despite operating the largest water utility
5 west of the Mississippi and having been in business for over a hundred years, CWS
6 indicates that it is not equipped in-house “to perform construction management and
7 special inspection services on certain categories of construction projects.”.

8 To address this alleged shortcoming, CWS proposes to add a percentage factor to
9 projects to cover outsourcing of construction management services.²² In total, CWS
10 forecasts an additional \$14,834,105 in capital funding for its proposed CMSI program.²³
11 ratepayers should not fund the cost outsourcing project management functions through a
12 blanket cost adder because existing CWS staff should have the capacity to manage water
13 infrastructure projects.

14 If CWS is correct that its past project management practices have been inefficient,
15 what amount of CWS’s existing rate base should be discounted for these unreasonable
16 and avoidable costs? Although CWS’s proposed justification for its \$14 million CMSI
17 program is premised on its past inefficiencies, CWS has not suggested its rate base be
18 discounted at all for these past inefficient costs.

19 Additionally, CWS’s approach of simply adding between 5% to 15% to projects is
20 not appropriate in ratemaking because a utility must justify every dollar it requests to add
21 into rates.²⁴ When developing cost estimates for capital projects, CWS includes hours for
22 technicians, civil engineers, cost estimators, and superintendents (field managers and

²⁰ Common Plant PJ Book at 683.

²¹ Common Plant PJ Book at 683.

²² Common Plant PJ Book at 684-685.

²³ Attachment 1-2, CWS Response to DR SIH-006 (Proposed Capital Projects) Attachment #1.

²⁴ D.96-12-066 at 5.

1 supervisors). On top of all the internal labor hours, CWS includes percentages for CMSI
2 and contingency, inflating project budgets as much as fifteen percent in some instances.

3 For example, CWS's cost estimate for the Livermore 022-T1 Chloramination
4 system (Project Identification Number or PID# 133111)²⁵ illustrates how CWS's
5 proposed adders like CMSI and contingency inflate the project budget without
6 discernible added value to ratepayers. CWS estimates the total project cost for PID#
7 133111 at \$1,138,116, which include CMSI and contingency adders of \$212,337, and
8 internal labor costs of \$110,198.76.²⁶ In total CWS budgets \$110,198.76 solely for
9 internal labor and 259 hours of civil engineering labor for project management at a labor
10 cost of \$139.41 per hour.²⁷ CWS also estimates 77 hours of in-field supervision by a
11 superintendent at \$115.92 per hour.²⁸ CWS includes another 36.8 hours of civil
12 engineering labor for cost development, and four hours of capital budget technician
13 labor.²⁹ In total, CWS budgets \$110,198.76 solely for internal labor associated with the
14 project.³⁰ On top of the \$110,000 in internal labor, CWS forecasts \$115,354.25 from a
15 CMSI adder for construction management costs.³¹ CWS also adds another \$96,983.02 for
16 contingency in its forecast.³² In the end, CWS estimates \$212,337.27 in adders for a \$1
17 million dollar project.³³

18 **IV. CONCLUSION**

19 In its role as a substitute for competition, the Commission should not require
20 ratepayers to pay for unjustified, unnecessary blanket percentage contingency factors.

²⁵ CWS Workpaper, Livermore 2024 GRC Project Justification Book Final (LIV PJ Book) at 24-28.

²⁶ LIV PJ Book at 27.

²⁷ LIV PJ Book at 27.

²⁸ LIV PJ Book at 27.

²⁹ LIV PJ Book at 27.

³⁰ LIV PJ Book at 27.

³¹ LIV PJ Book at 27.

³² LIV PJ Book at 27.

³³ LIV PJ Book at 27.

- 1 Removing unnecessary adders from CWS's proposed capital budgets reduce its revenue
- 2 requirement by approximately \$2.6 million annually.
- 3

1

LIST OF ATTACHMENTS FOR CHAPTER 1

	Attachment #	Description
1	Attachment 1-1	DR KN3-003 Attachment 1 with start dates
2	Attachment 1-2	DR SIH-006 (Proposed Capital Projects) Attachment 1

2

1 **CHAPTER 2 PREVIOUSLY FUNDED INCOMPLETE PROJECTS**

2 **I. INTRODUCTION**

3 This chapter presents Cal Advocates’ recommendations concerning previously
4 funded, incomplete projects. Previously funded but incomplete projects (which CWS
5 refers to as “carryover”)³⁴ have already been included in rates and funded by ratepayers.
6 Because they are incomplete, however, they provide no benefit to ratepayers.

7 **II. SUMMARY OF RECOMMENDATIONS**

8 The Commission should deny CWS’s request to include previously funded,
9 incomplete projects in rates in this GRC cycle.

10 **III. ANALYSIS**

11 In the current GRC, CWS budgets \$618 million for incomplete capital projects
12 that CWS estimates will be in service by 2025.³⁵ These incomplete projects are separate
13 from the more than \$1 billion CWS requests for new capital projects. CWS has a history
14 of failing to complete a significant portion of approved capital projects. Continuously
15 including previously funded, incomplete projects in rates harms ratepayers because the
16 projects are not used or useful and provide no benefit to ratepayers.

17 In its previous test year (TY) 2021 GRC, CWS had an Incomplete Project budget
18 of approximately \$420 million.³⁶ Cal Advocates opposed including \$182 million for
19 incomplete projects that CWS forecast to complete after the previous GRC’s TY 2021.³⁷
20 The Commission allowed CWS to request these projects be adopted into rates through the
21 advice letter process once they are complete.³⁸ In March, 2024, CWS filed Advice Letter

³⁴ Testimony Book #1 at 39.

³⁵ Results of Operations Model (RO Model) CH07_RB_FDR_Proposed Capital Budget sheet, IN_2021 GRC CO.

³⁶ A.21-07-002 RO Model CH07_RB_FDR_Proposed Capital Budget sheet, IN_2018 GRC CO.

³⁷ D.24-03-042 at 165 line 16.

³⁸ D.24-03-042 at 31-33.

1 2514 for TY 2021 GRC incomplete projects. However, CWS was able to complete only
2 23% of the projects forecast from the previous GRC for completion by March 2024.³⁹

3 In a competitive market, a company does not earn a profit on capital investment
4 until the project is in service. If the Commission permits CWS to include incomplete
5 projects in customer rates, the utility will have less incentive to complete the projects
6 because it is already collecting profit. CWS would effectively profit from projects that
7 linger in any phase of construction or even design. The Commission’s role as a substitute
8 for competition is to ensure that CWS does not collect profit until projects are completed,
9 used, useful, and beneficial to ratepayers.

10 As of November 2024, CWS has completed approximately 32% of the projects it
11 estimates would be completed by January 2025.⁴⁰ CWS has thus only completed \$92
12 million worth of projects from its estimated \$618 million.⁴¹ On those projects, CWS
13 spent \$129.7 million, far short of its \$618 million forecast.⁴² In other words, CWS spent
14 \$129.7million to deliver \$92million worth of projects. Therefore, CWS overspent on the
15 projects it did complete, and still couldn’t complete more than a third of the projects it
16 deemed necessary to operate the system in a safe and reliable manner.

17 CWS has the responsibility for managing its budget and choosing which projects
18 to complete with the Commission-approved funding. CWS spent 20.1% of the budget it
19 had earmarked and forecast to be spent and necessary in 2024, excluding the projects
20 from the 2021 GRC that are lingering from budgets adopted from even earlier GRCs. As
21 stated in chapter one, CWS employs multiple teams focused on capital planning yet does
22 not complete a significant number of projects it deemed “critical” for operation.

23 When a utility deviates from its normal capital planning process and is
24 consistently chasing other projects with a lack of advanced planning it harms ratepayers.

³⁹ \$39 million out of the \$182 million.

⁴⁰ Attachment 2-1 CWS Response to DR SIH-005, Attachment #1 (411 projects of 1287 total projects were complete).

⁴¹ Attachment 2-1, CWS Response to DR SIH-005, Attachment #1.

⁴² Attachment 2-1, CWS Response to DR SIH-005, Attachment #1.

1 Unplanned projects (including emergencies) cost ratepayers more.⁴³ CWS’s \$618 million
2 in previously funded incomplete projects calls into question CWS’s capital forecast and
3 planning practices.

4 CWS has the financial incentive to overestimate its capital budget needs. As a
5 regulated monopoly, CWS’s profits are derived from its rate base. The greater the capital
6 budget the higher the shareholder profit included in customer rates.

7 Ratepayers have already paid the full cost of financing and depreciation on these
8 projects for a full rate cycle under the assumption that the projects would be used and
9 useful and providing beneficial service. Ratepayers should not be asked to fund these
10 projects again until the projects are shown to be complete. The Commission authorized
11 increased rates based on CWS’s testimony and assurances that incomplete capital
12 projects in the TY2021 GRC would be complete.⁴⁴ However, many of these same
13 incomplete projects remain incomplete today. Because rates for the test years are based
14 on what projects are included in the budget forecast (revenue requirement), ratepayers
15 pay for projects even where a utility fails to complete a project within the forecasted
16 period.⁴⁵ Instead of raising rates again in anticipation of the same projects being
17 completed, the Commission should account for any completed plant additions in a
18 subsequent GRC when CWS can demonstrate the projects are actually complete.

19 CWS has more capital budget than is necessary to operate the system and far more
20 than it has shown can be reasonably completed in a GRC cycle. This is reflected in
21 CWS’s previously funded incomplete budgets which are in the hundreds of millions.
22 Therefore, the Commission should deny CWS’s proposal to include in the 2026 revenue
23 requirement of this proceeding projects adopted in the previous rate case cycle that CWS
24 has still not completed by the end of 2024. Ratepayers should not be required to again

⁴³ Lathrop, David. “Chair’s Column,” Nebraska Section, American Water Works Association, Wise Water Words- Volume 51, Issue 1 (2014), available at: <https://awwaneb.org/words/2014/01/chair/> Accessed 12/25/2024.

⁴⁴ D.24-03-042.

⁴⁵ Even if the utility completes the project in the following GRC cycle, ratepayers still experience a gap between paying for costs and receiving benefits.

1 pay for projects that have yet to produce benefits. The Commission should require CWS
2 to complete these previously-funded projects and put them into service before authorizing
3 CWS to include the projects in rates for a second or third time.

4 **IV. CONCLUSION**

5 As a substitute for competition, the Commission should not require ratepayers to
6 fund the same projects twice before they receive any benefits. The Commission
7 previously authorized rates based on CWS' representation that these projects would be
8 used and useful. The Commission should require CWS to complete these previously
9 funded projects and put them into service before allowing any project costs to be included
10 in rates again.

11

1

LIST OF ATTACHMENTS FOR CHAPTER 2

	Attachment #	Description
1	Attachment 2-1	CWS Response DR SIH 005 (IN_2021 GRC CO Projects) Attachment #1

2

1 **CHAPTER 3 COMMON PLANT**

2 **I. INTRODUCTION**

3 This chapter presents Cal Advocates’ analysis and recommendations on capital
4 project budgets that are common across all service areas. This chapter focuses on
5 physical security, non-specific, and the vehicle replacement budgets.

6 **II. SUMMARY OF RECOMMENDATIONS**

7 The Commission should adopt a total physical security budget of \$10,025,459 for
8 the years 2025, 2026, and 2027.

9 The forecast Non-Specific and Unscheduled Programmatic Budget budgets should
10 be excluded in rates.

11 In addition, the Commission should continue to use the established vehicle
12 replacement criteria of 120,000 miles.

13 **III. ANALYSIS**

14 CWS has several budgets developed for programmatic or common capital
15 expenditure elements that recur across all districts. Cal Advocates’ findings on the other
16 areas of the recurring capital project budget can be found in other chapters of testimony.
17 The methods for developing the budgets are shared across each district to develop a
18 budget to meet each district’s needs.

19 **A. Physical Security**

20 CWS claims that its proposed physical security budget is necessary for “the
21 protection of its facilities, employees and the public.”⁴⁶ CWS claims that the budget is
22 used to install items such as “high security perimeter fencing, facility illumination,
23 intrusion detection systems on doors, tank hatches and anti-climbs, surveillance systems
24 (CCTV), high security locks, security screens, doors and windows.”⁴⁷ However, CWS’
25 security budget has historically inflated CWS’ capital budget.

⁴⁶ Common Plant PJ Book at 539.

⁴⁷ Common Plant PJ Book at 539.

1 CWS proposes a combined budget of \$15.6 million across all districts in 2025,
2 2026, and 2027.⁴⁸ When CWS filed the application it had a budget of \$12.9 million
3 across all districts for physical security upgrades from prior GRCs that remained
4 unspent⁴⁹ with some dating back more than six years to 2019.⁵⁰ As of November 2024,
5 CWS had completed 70% of its physical security projects budget that were funded by
6 ratepayers in prior GRCs. Decision 24-03-042 states:

7 We share Cal Advocates concerns regarding Cal Water’s inability to
8 complete its proposed work. While we here authorize Cal Water to perform
9 the work it proposes, for a total of \$13,624,906, we also require Cal Water
10 to track its actual expenditures and the projects it completes, and report
11 those amount compared to the amount authorized in its next GRC.⁵¹

12 CWS demonstrates a continued inability to complete all physical security projects
13 funded by ratepayers in prior GRCs. CWS also continues to roll over the previously
14 funded but incomplete budgets into the new capital budgets forecast in the next GRC.
15 This snowballs what might have once been a reasonable security upgrades budget into a
16 never-ending budgetary increase. Projects that have already been funded by ratepayers
17 should not be continued to be placed in rates until they are shown to be complete and
18 used and useful. A reasonable forecast for a new physical security budget should reflect
19 CWS’s past performance. CWS’s proposed proliferating physical security budget should
20 be reduced to \$10,025,459.

21 The Commission should adjust CWS’s physical security budget to reflect their
22 historical spending.

23 **B. Non-Specific and Unscheduled Budget**

24 CWS requests a total non-specific budget of \$200 million. The non-specific
25 budget is split between 2025, 2026, and 2027. The non-specific budget is further split

⁴⁸ Common Plant PJ Book at 541.

⁴⁹ RO Model CH07_RB_FDR_Proposed Capital Budget, sheet IN_2021 GRC CO.

⁵⁰ RO Model CH07_RB_FDR_Proposed Capital Budget, sheet IN_2021 GRC CO.

⁵¹ D.24-03-042 at 124.

1 into two categories: non-specific budget forecast and the complete unscheduled budgets.
2 Table 3-1 below summarizes CWS proposed non-specific budgets.

3 **Table 3-1 CWS Proposed Non-Specifics Budget**

	2025	2026	2027	Total
Non-Specific⁵²	\$18,005,200	\$18,545,000	\$19,368,400	\$55,918,600
Unscheduled⁵³	\$46,851,743	\$48,023,034	\$49,223,613	\$144,098,390
Total	\$64,856,943	\$66,568,034	\$68,592,013	\$200,016,990

4 CWS claims the non-specific budget exists to cover “unforeseen infrastructure
5 needs,”⁵⁴ while the unscheduled budget covers the mains, meters, services, and hydrants
6 portion of what would be the non-specific budget.⁵⁵ In a general rate case, a utility must
7 justify every dollar it requests to collect through rates.⁵⁶ Emergency repairs can occur,
8 but are largely affected by how a utility manages its asset maintenance, replacements and
9 repairs.⁵⁷ Because emergency repairs are typically more costly than planned
10 maintenance,⁵⁸ CWS should not be rewarded with additional ratepayer funds for
11 previously funded projects that it claims to have been substituted with emergency actions.

12 CWS claims that the non-specific budget is for emergency situations, but its non-
13 specifics budget includes \$184,707 in land associated capital in 2024, and \$4,160,400 in
14 forecasted land costs.⁵⁹ CWS does not explain how a land purchase is an emergency
15 event. CWS provides a breakdown of forecast by budget area or account but does not

⁵² Common Plant PJ Book at 649, Table 1.

⁵³ Common Plant PJ Book at 654-55, Table 6.

⁵⁴ Common Plant PJ Book at 646.

⁵⁵ Common Plant PJ Book at 649.

⁵⁶ D.96-12-066 at 5.

⁵⁷ Lathrop, David. “Chair’s Column,” Nebraska Section, American Water Works Association, Wise Water Words- Volume 51, Issue 1 (2014), available at: <https://awwaneb.org/words/2014/01/chair/> Accessed 12/25/2024.

⁵⁸ Lathrop, David. “Chair’s Column,” Nebraska Section, American Water Works Association, Wise Water Words- Volume 51, Issue 1 (2014), available at: <https://awwaneb.org/words/2014/01/chair/> Accessed 12/25/2024.

⁵⁹ RO Model CH07_RB_FDR_Proposed Capital Budget, sheet IN_2021 GRC CO.

1 provide an explanation of how the funds are forecast to be spent or what projects are
2 associated with the earmarked budgets. A utility must justify every dollar it requests to
3 put into rates, providing a budget number without an explanation of how the funds are to
4 be spent is not appropriate in ratemaking.

5 CWS has a multitude of programmatic asset management and repair budgets.⁶⁰
6 CWS forecasts a total programmatic budget of \$864 million,⁶¹ which is separate from its
7 budget for specific asset replacements or new assets. With so much funding already
8 budgeted for replacements and repairs, CWS’s proposal for \$200 million in unexpected
9 repairs and capital projects over three years is unreasonable.

10 On top of the hundreds of millions of dollars CWS forecasts for programmatic
11 asset management, CWS employs “hundreds of people...who spend a significant amount
12 of time” on asset management.⁶² CWS also has a variety of asset management software
13 that is supposed to increase efficiency.⁶³ Yet, despite these resources, CWS’s
14 unscheduled, non-specific, “emergency” budget forecast and spending grow year over
15 year.⁶⁴ In a competitive market, misuse of resources, inadequate asset management, or
16 imprudent business decisions typically result in a loss in profit. For CWS and other
17 regulated utilities, however, the Commission must function effectively as a substitute for
18 competition to protect the interests of ratepayers.

19 CWS’s non-specifics forecast methodology does not project or allow for any
20 increases in efficiency. Instead, CWS bases its forecast on an “inflation adjusted average
21 of historical expenditures,” not accounting for the potential benefits or efficiencies that

⁶⁰ Attachment 3-4, CWS Programmatic Budgets shows CWS’s replacement and maintenance programs.

⁶¹ RO Model CH07_RB_FDR_Proposed Capital Budget, sheet IN_2024 GRC ACB.

⁶² CWS Customer Support Services & Rancho Dominquez 2024 GRC Project Justification Book Final (CSS & RDOM PJ Book) at 138.

⁶³ CSS & RDOM PJ Book has a multitude of forecast and ongoing “efficiency” projects.

⁶⁴ Common Plant PJ Book at 647.

1 CWS presents as justification for the increased asset management spending in other parts
2 of its rate case.⁶⁵

3 CWS's claims of continuous investment in asset management should yield a
4 decrease in emergency replacements, rather than an ongoing increase. Programmatic
5 asset management budgets are used for preemptive replacement and maintenance of
6 assets to either repair and extend service lifetimes or to replace assets that are nearing the
7 end of their useful life. Ratepayers have also funded digital solutions for CWS's asset
8 management including the PowerPlan software. Increased investment in asset
9 management should result in a direct reduction in emergency spending.⁶⁶

10 In its role as a substitute for competition, the Commission should make CWS
11 accountable for all the asset management funding that ratepayers have already funded.
12 Accordingly, the Commission should deny CWS's request for \$200 million in non-
13 specifics and unscheduled budgets that are unjustified and fall outside of a robust capital
14 planning process.

15 **C. Vehicle Replacement**

16 CWS forecasts \$3,156,215.7 in 2025, \$4,488,534.1 in 2026, and \$10,929,815.4 in
17 2027 for programmatic vehicle replacement across all districts.

18 The Commission relies on the California Department of General Services (DGS)
19 criteria for vehicle replacement.⁶⁷ In 2016, DGS retained the services of Mercury
20 Associates, Inc. (Mercury), to perform a specific analysis of DGS' fleet and develop a
21 replacement criteria that would minimize the lifecycle cost associated with vehicle
22 ownership.⁶⁸ DGS' prior criteria was broad and relied on a general assumption that

⁶⁵ Common Plant PJ Book at 646.

⁶⁶ See United States Environmental Protection Agency Asset Management: A Handbook for Small Water Systems One of the Simple Tools for Effective Performance (STEP) Guide Series at 5.

⁶⁷ Common Plant PJ Book at 169.

⁶⁸ Common Plant PJ Book at 167.

1 vehicles would need to be replaced after 120,000 miles of usage.⁶⁹ The criteria
 2 developed by Mercury was specific to DGS' fleet and minimizing DGS' cost.

3 In 2020, CWS retained the services of Mercury to perform a similar analysis and
 4 develop a minimized lifecycle cost replacement criteria for CWS' fleet.⁷⁰ Mercury
 5 developed an optimal replacement criteria for CWS as summarized in Table 3-2 below.
 6 As shown in Table 3-2, the new replacement criteria is supposed to deliver a cost savings
 7 of 1.0% for sedans, 11.3% for half- ton pickups, 7.6% for three-quarter- ton pickups, and
 8 5.4% for utility trucks with utility beds.⁷¹ However, Mercury's analysis fails to consider
 9 all of the costs associated with CWS' proposed vehicle replacement strategy. As a
 10 regulated utility, CWS' includes a rate of return of 7.38% on all capital spending.
 11 Including this cost in the analysis, nearly all of the potential savings in Mercury's cost-
 12 benefit analysis are lost. Furthermore, the additional costs associated with the net to
 13 gross multiplier⁷² and the effect of depreciation, and taxes associated with vehicle
 14 purchases makes Mercury's cost-to-benefit analysis a reason why the Commission should
 15 not adopt CWS's proposed ratepayer funding for vehicles.

16 **Table 3-2 Proposed Vehicle Replacement Cycle**

Vehicle Type	# of Units	Average Age (Years)	Proposed Replacement Cycle (years)	Cost Savings per Vehicle as %
Sedan/SUV	92	6.3	11	1.0%
1/2 Ton Pickup	323	8.2	7	11.3%
3/4 Ton Pickup	108	7.5	7	7.6%
Trucks w/ Utility Beds	92	6.9	8	5.4%

17

⁶⁹ Decision 24-03-042 at 140.

⁷⁰ [REDACTED]

⁷¹ Attachment 3-2, SIH-002, Attachment 1, Question 1.a. Cal Water ORCA Results Slide 1.

⁷² The net to gross multiplier presents the additional cost of capital expenditures to ratepayers as it includes unavoidable expenses associated with capital costs

1 Failing to account for the increased vehicle acquisition cost associated with the
2 rate of return and net to gross multiplier overlooks the true cost to ratepayers. When
3 optimizing replacement costs, it is critical to consider the true cost to ratepayers and what
4 they would be funding, rather than to only consider what the utility is paying. As shown
5 in table 3-2 Mercury’s current projected savings do not outweigh the true cost to
6 ratepayers.⁷³

7 Following DGS’s 120,000 mile replacement criteria, as of December 2023, CWS
8 would need to replace 226 vehicles in the current GRC cycle of 2025, 2026, and 2027.⁷⁴
9 However, 67 of the 226 are vehicles that were funded for replacement in the previous
10 GRC. The budget associated with vehicle replacements, which ratepayers already funded,
11 should not be continued in rates until CWS can demonstrate that it reasonably made the
12 actual vehicle purchases. Between December 2023 and November 2024, CWS spent
13 \$5,825,696.83 on vehicle replacements, with another \$2,651,595.76 in unspent ratepayer
14 funding.⁷⁵ These vehicles should be excluded when developing CWS’s vehicle
15 replacement budget.

16 CWS requests a total of \$19,126,123.76 to replace 206 vehicles, which equates to
17 an average of \$92,845 per vehicle. A more reasonable budget multiplies the number of
18 cars, 159, to be replaced by the average cost per vehicle and excludes the previously
19 funded budget.

20 Table 3-3 below summarizes Cal Advocates’ recommended replacement budget
21 for each district.

⁷³ In DGS Broadcast Bulletin No. P 05 23 Subject: Budget Letter (BL) 23 27 Current Year Expenditure Freeze, DGS issued a freeze on all vehicle replacement besides mission critical or emergency related vehicles. DGS did so to save money in the current fiscal budget, if Mercury’s analysis was truly cost saving then this would be counter intuitive.

⁷⁴ See Attachment 3-3 for the vehicle replacement criteria calculation.

⁷⁵ Results of Operations Model (RO Model) CH07_RB_FDR_Proposed Capital Budget sheet, IN_2021 GRC CO.

1

Table 3-3 Recommended Vehicle Replacement Budgets

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley	\$188,266	\$0	\$0	\$188,266
Bakersfield	\$299,076	\$333,622	\$768,313	\$1,401,011
Bayshore	\$87,827	\$106,370	\$328,844	\$523,042
Bear Gulch	\$401,383	\$57,985	\$198,237	\$657,605
Chico	\$341,357	\$231,939	\$296,267	\$869,563
CSS	\$22,186	\$261,408	\$256,573	\$540,167
Dixon	\$0	\$0	\$94,182	\$94,182
East Los Angeles	\$194,623	\$472,780	\$550,915	\$1,218,318
Kern River Valley	\$0	\$57,985	\$0	\$57,985
King City	\$0	\$50,841	\$40,799	\$91,640
Livermore	\$399,988	\$99,227	\$136,127	\$635,342
Los Altos	\$0	\$50,841	\$174,912	\$225,753
Marysville	\$192,977	\$47,211	\$17,814	\$258,001
Oroville	\$175,654	\$57,985	\$81,597	\$315,236
Rancho Dominguez	\$1,221,603	\$752,776	\$555,915	\$2,530,293
Redwood Valley	\$0	\$0	\$64,818	\$64,818
Salinas	\$562,743	\$47,365	\$166,024	\$776,132
Selma	\$161,114	\$0	\$0	\$161,114
Stockton	\$269,206	\$389,310	\$174,912	\$833,427
Visalia	\$560,113	\$231,939	\$169,487	\$961,540
Westlake	\$0	\$0	\$81,597	\$81,597
Willows	\$0	\$0	\$20,705	\$20,705
Total	\$5,078,116	\$3,249,584	\$4,178,037	\$12,505,736

2

3 The Commission should continue to use the 120,000-mile vehicle established by
4 DGS and applicable for all state vehicles as the appropriate replacement criteria to
5 determine the CWS's vehicle replacement budget to include in rates.

1 **IV. CONCLUSION**

2 A utility must justify every dollar it requests to add into rates. The Commission
3 should not adopt blanket, unclear, non-transparent budgets. The Commission should
4 consider CWS's historical performance and reject budgets that CWS has not utilized
5 effectively.

6

1

LIST OF ATTACHMENTS FOR CHAPTER 3

	Attachment #	Description
1	Attachment 3-1 CONFIDENTIAL	[SIH-002 Attachment 4 Question 1c Fleet Strategic Plan_Mercury
2	Attachment 3-2	CWS Response DR SIH 002 (Vehicle Replacement) Attachment 1 Question 1.a., Cal Water ORCA Results Slide 1
3	Attachment 3-3	Vehicle Replacement Calculation
4	Attachment 3-4	CWS Programmatic Budgets
5	Attachment 3-5	CWS Response DR SIH 001 (Non-Specific Budget)

2

1 **CHAPTER 4 CUSTOMER SUPPORT SERVICES AND RANCHO**
2 **DOMINGUEZ**

3 **I. INTRODUCTION**

4 This chapter presents Cal Advocates’ analysis and recommendations on capital
5 project budgets for CWS’s Customer Support Services (CSS).

6 **II. SUMMARY OF RECOMMENDATIONS**

7 The following projects and associated budgets should be excluded from rates:

- 8 • PID #132575, 132576, 132577 for PC & Device Replacement \$735,437
9 in 2025, \$753,823 in 2026, and \$772,651 in 2027;
- 10 • PID #133533 for Rooftop Solar \$3,600,000 in 2026;
- 11 • PID #1328215 for Digital Twin Ops Optimization \$1,137,370 in 2026;
- 12 • PID# 133661 for Mobile Power Generators \$2,889,219 in 2025;
- 13 • PID#133646 for the CSS 2026 AMI initiative \$1,537,615 in 2026; and
- 14 • PID#134646 for new vehicles \$118,107 in 2026

15 **III. ANALYSIS**

16 **A. PC & Device Replacement 2025, 2026 and 2027**

17 CWS requests ratepayer funding to replace a quarter of all its computer equipment
18 per year. CWS proposes a replacement budget of \$724,017 in 2025, \$753,823.48 in 2026,
19 and \$772,650.64 in 2027.

20 CWS does not provide any analysis to support its supposed need to replace so
21 many devices. CWS only provides hypotheticals of inefficiencies, duplications,
22 omissions, and unnecessary costs.⁷⁶ For example, CWS notes that these devices are used
23 to perform critical tasks such as water bill generation, meter reading, and payment
24 processing.⁷⁷ However, many of these services should have been moved to a cloud

⁷⁶ CSS & RDOM PJ Book at 13-14.

⁷⁷ CSS & RDOM PJ Book at 13.

1 computing system that ratepayers have already funded.⁷⁸ The advantage of cloud
2 computing is outsourcing the physical aspect of information technology.

3 Continuing cloud based services that ratepayers are funding include moving CWS
4 customer care and billing to a cloud based system PID #124693,⁷⁹ automating HR
5 bidding PID 124473,⁸⁰ integration of personnel and human resources files to the
6 established cloud system PID 124483⁸¹ among others. CWS also utilizes Tableau Online
7 as its analytics platform, which is fully hosted online.⁸² CWS also has a reoccurring
8 budget to update its networking capabilities to fully utilize and support all its cloud
9 investments.⁸³ CWS forecast of replacing 75% of its computers every three years is not
10 supported and not aligned with its heavy investment into cloud computing.

11 CWS’s overstatement of the “critical” need to replace these assets is reflected in
12 the fact that CWS has \$1,277,572.20 in PC & Device replacement/refresh budget leftover
13 from the last GRC.⁸⁴ Because ratepayers have already funded this budget, Commission
14 should not approve any further PC& Device replacement budget. If CWS determines it is
15 necessary to invest in additional computer devices, it can seek to include prudently
16 incurred cost in the rate base in a subsequent GRC.

17 **B. PID # 133533 Rooftop Solar**

18 In PID#133544, CWS forecasts \$3,726,790.82 in 2026 for a rooftop solar
19 installation at the San Jose CSS center.

⁷⁸ The Customer Cloud Solution (PID# 124693 CSS CC&B Cloud Upgrade) is a cloud-based Service as a Service (SaaS) solution to streamline customer communications regarding bills and issues and to provide more efficient methods for customers to pay their bills. CWS estimates that the project will be completed in 2024. CSS & RDOM PJ Book at 358.

⁷⁹ CSS & RDOM PJ Book at 358.

⁸⁰ CSS & RDOM PJ Book at 380.

⁸¹ CSS & RDOM PJ Book at 382.

⁸² CSS & RDOM PJ Book at 384.

⁸³ PID 124576 and PID124601.

⁸⁴ CH07_RB_FDR_Proposed Capital Budget, sheet “OUT_Forecast Plant” cells I2205 and I2248.

1 CWS does not estimate any cost savings from this solar installation in the current
2 GRC. CWS instead discusses the potential possible “long-term cost savings that would
3 directly benefit customers.”⁸⁵ CWS justifies the project by citing the Paris Accord and
4 other climate goal documents.⁸⁶ CWS states that its onsite solar project would further
5 climate goals,⁸⁷ but fails to recognize that San Jose’s power already comes from a
6 majority green source.⁸⁸

7 The city of San Jose, where the proposed Rooftop Solar is located, has a local non-
8 profit entity that serves the city’s electrical needs. The San Jose Clean Energy program
9 provides three tiers of power delivery.⁸⁹ The first, tier is GreenSource, which offers 60%
10 renewable sources and 24% non-renewable but carbon free sources, with the remaining
11 16% coming from unspecified sources.⁹⁰ The unspecified sources are directly from the
12 California grid, which is approximately 54% renewable sources.⁹¹ The second option is
13 TotalGreen, which is 100% renewable.⁹² The last option is to opt out and continue to use
14 PG&E energy, which also uses a minimum of 38% green energy sources.⁹³ However,
15 according to San Jose Clean Energy, PG&E is more expensive.⁹⁴

16 The proposed solar project does not provide a benefit to ratepayers. If CWS wants
17 to invest in rooftop solar to further climate goals, it is free to do so. However, ratepayers

⁸⁵CSS & RDOM PJ Book at 207.
⁸⁶ CSS & RDOM PJ Book at 206-.
⁸⁷ CSS & RDOM PJ Book at 207.
⁸⁸ “Your Choices,” San Jose Clean Energy, <https://sanjosecleanenergy.org/your-choices/> accessed 12/25/2024.
⁸⁹ <https://sanjosecleanenergy.org/your-choices/> accessed 12/25/2024
⁹⁰ <https://sanjosecleanenergy.org/your-choices/> accessed 12/25/2024
⁹¹ <https://sanjosecleanenergy.org/your-choices/> accessed 12/25/2024
⁹² <https://sanjosecleanenergy.org/your-choices/> accessed 12/25/2024
⁹³ “Building a Cleaner, Safer, Future,” Pacific Gas and Electric Company, <https://www.pge.com/assets/pge/docs/account/billing-and-assistance/bill-inserts/1022-Power-Content-Label.pdf> accessed 12/25/2024.
⁹⁴ <https://sanjosecleanenergy.org/your-choices/>

1 should not be funding the project if it does not provide them direct cost benefits. The
2 energy CWS receives already comes from a majority of green sources.

3 The Commission should therefore not include the costs of the rooftop solar project
4 from rates.

5 **C. PID # 132815 Digital Twin Ops Optimization**

6 CWS forecasts \$1,137,369.84 in 2026 for the Digital Twin Ops Optimization.

7 The Digital Twin can provide a “virtual replica of existing operations.”⁹⁵ CWS
8 claims that the virtual replica will provide a multitude of benefits, including reduced
9 training requirements, more effective compliance with regulation, better use of treatment
10 chemicals, and reduced labor hours spent on unexpected downtime or testing.⁹⁶

11 In support of the project, CWS provides materials that list even more efficiencies
12 and cost savings. The projected benefits include fewer alarms and less overtime, more
13 efficient use of chemicals with less waste, reductions in lost water, efficiencies in repair
14 and maintenance, reduced apprenticeships and supervisor overtime, reduced need for
15 purchased water, better power consumption and reduced waste and overall cost.⁹⁷ All of
16 these improvements in efficiency should result in a significant reduction in expenses,
17 which would justify the cost of the project. However, CWS does not project any savings
18 related to the Digital Twin into rates. Ratepayers should not fund a program that is
19 supposed to drive efficiency without realizing the benefits of the program. Without the
20 associated cost savings, the budget associated with the Digital Twin should not be
21 included in rates.

22 The Commission should therefore exclude the budget associated with the Digital
23 Twin program from rates. If CWS decides to move forward with the project it can fund
24 the program with the expense savings it anticipates achieving.

⁹⁵ CSS & RDOM PJ Book at 151.

⁹⁶ CSS & RDOM PJ Book at 151-153.

⁹⁷ CSS & RDOM PJ Book at 157.

1 **D. PID# 133661 Portable Emergency Power Generators**

2 CWS forecasts \$2,889,218.75 in 2025 for purchasing portable generators.⁹⁸ For
3 Cal Advocate’s recommendation regarding generators, please refer to witness Katherine
4 Nguyen’s testimony, Report And Recommendations On Customer Service, ESJ Plan,
5 Chico, Oroville, Marysville, Willows And Dixon Utility Plant In Service, And Common
6 Plant.

7 The Commission should exclude the budget for the CSS portable generators from
8 rates.

9 **E. PID # 133646 CSS 2026 AMI INTIATIVE-IT INT/DEV**

10 CWS forecasts \$1,537,615 in 2026 for IT spending related to supplemental AMI
11 spending.⁹⁹ Consistent with Cal Advocates’ recommendation regarding further AMI
12 spending, the CSS AMI-related projects should not be included in rates. For discussion
13 regarding AMI spending, please refer to witness Justin Menda’s testimony.

14 **F. PID # 134646 CSS - VEHICLES FOR NEW COMPLEMENTS**

15 CWS forecasts \$118,107 in 2026 for new vehicles related to new CSS positions.
16 For discussion on new positions, please refer to witness Roy Keowen’s testimony, Report
17 on California Water Service Company’s Administrative & General Expenses And Special
18 Requests #7. Consistent with Cal Advocates’ recommendation against increased budgets
19 for new employees, the vehicle budget for new employees should not be included in
20 rates.

21 **IV. CONCLUSION**

22 The above discussed CSS capital requests are not justified and reasonable.
23 Ratepayers should not fund projects that are not justified. Ratepayers also should pay for
24 projects that are not supported by valid cost benefit analysis. The forecasted capital
25 budgets associated with the above discussed projects should be excluded in rates.

⁹⁸ CSS & RDOM PJ Book at 216.

⁹⁹ CSS & RDOM PJ Book at 353.

1 **CHAPTER 5 FOUR FACTOR ALLOCATION**

2 **I. INTRODUCTION**

3 This chapter presents Cal Advocates’ analysis and recommendations on four factor
4 allocation.

5 **II. SUMMARY OF RECOMMENDATIONS**

6 The Commission should adopt a 90.37% allocation factor for both shared rate base
7 and shared expenses.

8 **III. ANALYSIS**

9 CWS proposes to allocate 95.73% of shared expenses and 98.63% of shared
10 customer support services rate base to its California operations.¹⁰⁰ CWS operates in five
11 different states: California, Washington, Hawaii, New Mexico, and Texas.¹⁰¹ The
12 majority of CWS’s business is in California, but the remaining affiliates should pay their
13 fair share. To determine the fair allocation portion, the Commission relies on the four-
14 factor allocation method.

15 The four-factor allocation method assigns to each entity its fair share based on the
16 following four factors: direct operating costs, gross plant, number of employees, and
17 number of customers.¹⁰² CWS instead uses the following factors: Active Meter Size
18 Equivalence, Operating Revenues, Net Utility Plant, and Direct Operating Expenses.¹⁰³
19 CWS deviates from the standard practice seemingly for no other reason than to allocate a
20 bigger portion of its operating expenses to its California ratepayers.

21 As mentioned above, CWS allocates 95.73% and 98.63% of shared expenses and
22 shared rate base to its California ratepayers. Under the appropriate four-factor allocation

¹⁰⁰ RO Model X_GBL_Info, sheet “REF_Four Factor,” cells P and Q 77.

¹⁰¹ <https://www.calwater.com/about/company-information/> accessed 12/24/25.

¹⁰² Standard Practice for Allocation of Administrative and General Expenses and Common Utility Plant and the Four-Factor Method (SP U-6-W) at 2.

¹⁰³ Attachment 5-1, CWS Response to DR SIH-003, Attachment #1 2024 GRC Affiliate Allocation Calc July Filing.

1 method, an allocation factor of 90.37% should be applied to California ratepayers. A
 2 90.37% allocation factor is proportionally closer to the number of customers for each
 3 affiliate, as shown in table 5-1 below.

4 **Table 5-1 Number of Connections Per Affiliate**

	Number of Connections	% of Total
California	497700	89.42%
Washington	38000	6.83%
New Mexico	11400	2.05%
Hawaii	6500	1.17%
Texas	3000	0.54%
Total	556600	100%

5 Furthermore, the Texas affiliate is operated with 0 employees as of December
 6 2023.¹⁰⁴ This implies that the remaining affiliates’ employees are providing services to
 7 run the Texas operation, which is reflected in California receiving a higher allocation
 8 percentage, even using the standard four factor method. California ratepayers should not
 9 be funding a utility’s out-of-state operations. Ratepayers should pay only the costs related
 10 to the services they receive.

11 Table 5-2 below summarizes the appropriate four-factor allocation.

12 **Table 5-2 Standard Practice U-6-W Four Factor Allocation**

	CWS	CWS as %	Total
Number of Connections	497700	89.42%	556600
Net Utility Plant	\$3,487,787,652	92.54%	\$3,768,915,729
Operating expenses	\$561,791,126	91.23%	\$615,812,857
Number of Employees	1118	88.31%	1266
Four Factor Allocation		90.37%	

13 The Commission should ensure that California ratepayers pay the reasonable
 14 percentage of allocated costs for the services they receive.

¹⁰⁴ California Water Service Group 2023 Fiscal 10-K at 21.

1 **IV. CONCLUSION**

2 The Commission should adopt a 90.37% allocation factor for the California
3 affiliate. It is necessary to protect California ratepayers to ensure they do not subsidize
4 out-of-state operations.

5

1

LIST OF ATTACHMENTS FOR CHAPTER 5

	Attachment #	Description
1	Attachment 5-1	CWS Response DR SIH 003 (Allocation) Attachment #1

2

1 **CHAPTER 6 DISTRICT SPECIFIC PROJECTS**

2 **I. INTRODUCTION**

3 This chapter presents Cal Advocates’ analysis and recommendations on capital
4 project budgets for district specific projects.

5 **II. SUMMARY OF RECOMMENDATIONS**

6 The Commission should exclude in customer rates in this GRC cycle CWS’s
7 funding request associated with the following projects:

8 Livermore District:

- 9 • PID # 133111 LIV 022-T1 Tank Chloramination System \$1,138,116 in 2027;
10 • PID # 133113 LIV 05-T2 Chloramination System \$1,176,252 in 2027;
11 • PID # 133115 LIV 029-T2 Chloramination System \$1,128,117 in 2027; and
12 • PID # 134776 LIV vehicle for New Complements \$ 175,969 in 2026.

13 Stockton District:

- 14 • PID # 133216 Land Purchase #1 \$762,450 in 2027;
15 • PID # 133217 Land Purchase #2 \$787,097 in 2027; and
16 • PID # 133209 Stockton Station 080 Rebuild \$971,879 in 2027.

17 Travis District:

18 ***BEGIN CONFIDENTIAL***



20 ***END CONFIDENTIAL***

21 **III. ANALYSIS**

22 CWS has a \$618 million in budget for capital projects that it has yet to complete
23 but estimates will be in service by 2025.¹⁰⁵ These are capital projects are separate from
24 the over \$1 billion in new requests. CWS has a history of failing to complete a significant
25 portion of capital projects that were approved and included in customer rates in prior
26 GRCs.

¹⁰⁵ Results of Operations Model (RO Model) CH07_RB_FDR_Proposed Capital Budget sheet, IN_2021 GRC CO.

1 **G. Livermore District**

2 **1. PID # 133111 LIV 022-T1 Tank Chloramination**
3 **System**

4 CWS forecasts \$1,138,115.94 in direct costs for a chloramination station at
5 station 022.¹⁰⁶ CWS claims that additional chemical mixing equipment is needed to
6 address nitrification problems at Livermore station 022.¹⁰⁷ However, CWS applies an
7 unnecessarily more stringent water quality criteria that undermines the public's trust in
8 the standard established by the United States Environmental Agency (US EPA). The
9 Nitrite as N levels at station 22 were 0.030 mg/L.¹⁰⁸ CWS hired a third party to conduct
10 a nitrification study of its Livermore system.¹⁰⁹ The consultant recommended
11 chlorination stations at three Livermore locations.¹¹⁰ The consultant based their
12 recommendation on the assertion that a Nitrite as N level of 0.010 mg/L is considered
13 high.¹¹¹ CWS repeats this assertion in its justification for the project.¹¹² However, the
14 California maximum contaminant level (MCL) for Nitrite as N is 1 mg/L.¹¹³ The US
15 EPA Office of Ground Water and Drinking Water distribution system issue paper on
16 nitrification repeats the MCL of 1 mg/L.¹¹⁴

17 The nitrate level at station 022 is magnitudes of order below the California and
18 federal limit. CWS also states that there are high free ammonia concentrations at

¹⁰⁶ LIV PJ Book at 28.

¹⁰⁷ LIV PJ Book at 25.

¹⁰⁸ LIV PJ Book at 24.

¹⁰⁹ LIV PJ Book at 24.

¹¹⁰ PID 133111, PID 133113, and PID133115.

¹¹¹ LIV PJ Book at 24 and 61.

¹¹² LIV PJ Book at 24.

¹¹³ California Code of regulations (CCR) Title 22 § 64431. Maximum Contaminant Levels--Inorganic Chemicals.

¹¹⁴ The United States Environmental Protection Agency Office of Ground Water and Drinking Water Distribution System Issue Paper Nitrification at 5.

1 station 022, with 0.05 mg/L listed as a “high” level.¹¹⁵ However, there are no MCLs or
2 secondary MCLs for free ammonia.¹¹⁶ CWS’s own 2023 Livermore Water Quality
3 Report makes no mention of Nitrite or any Nitrite issues. Furthermore, as stated in the
4 Water Quality Report, “if any contaminants are detected, they are included in this annual
5 water quality report. However, most of the contaminants we test for are not detected, so
6 they are not listed.”¹¹⁷

7 Even if nitrification were an issue, the third party consultant identified other
8 viable, lower-cost solutions to address it. The first potential solution is to reduce the time
9 water spends in storage and cycle through water in less days.¹¹⁸ The second is better
10 training for water system staff and operating the system in a more efficient way.¹¹⁹ Of
11 course, the same third party offers a course and solutions that CWS can purchase to better
12 train their staff to avoid the issue of Nitrification that the third party identified.¹²⁰

13 CWS does not believe Nitrite or nitrification to be a concern according to its water
14 quality report. The levels of Nitrite at the station are orders of magnitude below the
15 MCL. The Commission should exclude in customer rates in this GRC cycle CWS’s
16 funding request associated with the chloramination station at station 022.

17 **2. PID # 133113 LIV 05-T2 Chloramination System**

18 CWS forecasts \$1,176,252.28 in direct costs for a chloramination station at station
19 025.¹²¹ Similarly to Station 022, CWS claims that additional chemical mixing equipment
20 is needed to address nitrification problems at Livermore station 025.¹²² The Nitrite as N

¹¹⁵ LIV PJ Book at 24.

¹¹⁶ “Ammonia Fact Sheet,” Water Quality Association, https://wqa.org/wp-content/uploads/2022/09/2014_Ammonia.pdf 12/24/25

¹¹⁷ Livermore District 2023 Water Quality Report at 12.

¹¹⁸ LIV PJ Book at 64, Section 6.1.2.

¹¹⁹ LIV PJ Book at 64, Section 6.1.3.

¹²⁰ LIV PJ Book at 64, Section 6.1.3.

¹²¹ LIV PJ Book at 33.

¹²² LIV PJ Book at 30.

1 levels at station 25 were 0.017 mg/L.¹²³ As with station 022 above, the nitrate level at
2 station 025 is much lower than the California and federal MCL 1 mg/L.¹²⁴ In addition,
3 CWS's own 2023 Livermore Water Quality Report makes no mention of Nitrite or any
4 Nitrite issues.

5 Even if nitrification is an issue, as discussed in Station 022 above, there are other
6 solutions available that are less costly to address it rather than purchasing additional
7 chemical mixing equipment.

8 CWS does not believe Nitrite or nitrification to be a concern according to its water
9 quality report. The levels of Nitrite at the station are well below the MCL, so the
10 chloramination station is not necessary. The Commission should in customer rates in this
11 GRC cycle CWS's funding request associated with the chloramination station at
12 station 025.

13 **3. PID # 133115 LIV 029-T2 Chloramination System**

14 CWS forecasts \$ 1,128,117 direct cost for a chloramination station at station
15 029.¹²⁵ Similarly to stations 022 and 025, CWS claims that additional chemical mixing
16 equipment is needed to address nitrification problems at Livermore station 029.¹²⁶ The
17 Nitrite as N levels at station 29 were 0.062 mg/L.¹²⁷ Like with stations 022 and 025
18 above, the nitrate level at station 029 is much lower than the California and federal MCL
19 1 mg/L.¹²⁸ In addition, CWS's own 2023 Livermore Water Quality Report makes no
20 mention of Nitrite or any Nitrite issues.

¹²³ LIV PJ Book at 30.

¹²⁴ California Code of regulations (CCR) Title 22 § 64431. Maximum Contaminant Levels--Inorganic Chemicals.

¹²⁵ LIV PJ Book at 39.

¹²⁶ LIV PJ Book at 36.

¹²⁷ LIV PJ Book at 36.

¹²⁸ California Code of regulations (CCR) Title 22 § 64431. Maximum Contaminant Levels--Inorganic Chemicals.

1 Even if nitrification is an issue, as discussed in Station 022 above, there are other
2 solutions available that are less costly to address it rather than purchasing additional
3 chemical mixing equipment.

4 CWS does not believe Nitrite or nitrification to be a concern according to its water
5 quality report. The levels of Nitrite at the station are well below the MCL. The
6 chloramination station is not necessary. The Commission should exclude in customer
7 rates in this GRC cycle CWS's funding request associated with the chloramination station
8 at station 029.

9 **4. PID # 134776 Liv Vehicle For New Complements**

10 CWS forecasts \$175,969 for new vehicles related to new positions in the
11 Livermore District. Consistent with Cal Advocates' recommendation to not fund new
12 employees, CWS's funding request for new vehicles should be excluded in customer
13 rates.¹²⁹

14 **H. Stockton District**

15 **1. New Wells and Land Purchases for New Wells**

16 CWS proposes to purchase land for two new wells in its Stockton district. CWS
17 fails to demonstrate its requested increases in rate base for these two projects will
18 produce any used and useful infrastructure over the period during which rates are being
19 established in this proceeding. CWS estimates each well will cost between \$2.3 to \$9.4
20 million, but states that the total cost is not part of its budget (revenue requirement)
21 request for the current GRC.¹³⁰

22 While CWS does not propose to include the cost of the wells in this GRC, CWS
23 forecasts \$762,449.86 in 2027 for the first property,¹³¹ and \$787,096.90 for the second
24 property associated with each well.¹³²

¹²⁹ For further discussion on new positions, please refer to Roy Keowen's testimony.

¹³⁰ CWS Stockton District 2024 GRC Capital Project Justification Book (Stockton PJ Book) at 20 and 24.

¹³¹ Stockton PJ Book at 48.

¹³² Stockton PJ Book at 53.

1 Ratepayer funding for only the acquisition of property that is known will not be
2 producing a used and useful asset during the period in which rates are being set in this
3 GRC is not reasonable. The property may at a later date provide service to ratepayers if
4 wells are built and providing service, but that will not occur during the period in which
5 rates are being established in this proceeding. Requiring ratepayers to pay for a portion
6 of this project (including a rate of return and shareholder profit) before the project is even
7 assumed to be providing service places the risk of project success on ratepayers.

8 Furthermore, CWS proposes acquiring property and ultimately building wells in
9 an area designated as critically over-pumped by the State of California. The Stockton
10 district is supplied by a mix of pumped groundwater and treated purchased surface
11 groundwater from the Stockton East Water District (SEWD).¹³³ The Stockton Urban
12 Water Management Plan (UWMP) states that, “the Stockton District plans on
13 maximizing use of treated surface water purchased from SEWD...”¹³⁴ because purchased
14 SEWD water reduces the over drafting of groundwater from the basin of the Stockton
15 area.¹³⁵ The Stockton district groundwater wells pump entirely from the San Joaquin
16 Valley Eastern San Joaquin Subbasin (Basin).¹³⁶ The Basin is designated as critically
17 overdrafted by the Department of Water Resources.¹³⁷ In fact, the 2023 Water Year
18 report from the Eastern San Joaquin Groundwater Authority states that Basin pumping
19 for 2023 was 805,994 acre-feet compared to the Basin’s sustainable yield of 715,000
20 acre-feet per year.¹³⁸ The Basin is therefore overdrafted by 90,994 acre-feet. The
21 Stockton UWMP also states that current purchase water sources and pumping capacity

¹³³ CWS Stockton District 2020 Urban Water Management Plan (Stockton UWMP) at 50.

¹³⁴ Stockton UWMP at 50.

¹³⁵ Stockton UWMP at 50.

¹³⁶ Stockton UWMP at 52, Figure 6-1.

¹³⁷ Stockton UWMP at 53.

¹³⁸ Eastern San Joaquin Groundwater Subbasin Groundwater Sustainability Plan Water Year 2023 Annual Report at 3-15 and 2-8 - 2-9.

1 are capable of meeting Stocktons’ projected demands through 2045, accounting for both
2 normal and multiple dry periods.¹³⁹

3 To justify the new wells, CWS states:

4
5 “Rehabilitating an existing inactive well source to increase supply
6 reliability is not feasible as the existing inactive wells produce water that
7 exceeds regulatory limits for several water quality constituents and would
8 require costly onsite treatment. It is also unclear how long a rehabilitated
9 well will remain operable.”¹⁴⁰

10 CWS also requests funding for a well assessment in the Stockton district as a
11 separate project. CWS requests \$374,566.82 to be included in rates for an assessment as
12 to whether the existing well at station 018 is viable for redevelopment, stating, “Drilling a
13 replacement well at the same location may be a viable option, but the existing well’s
14 useful life might be extended with less costly rehabilitation.”¹⁴¹

15 CWS states that rehabilitating the inactive wells would require treatment,¹⁴² but
16 nothing guarantees that a new well in the same basin would not face the same treatment
17 needs. Ignoring the fact that the Basin is already overdrawn. CWS does not provide any
18 cost estimates for the wells, only for land purchases, so it is speculative as to which
19 option would be cheaper. However, it is very likely that a new well on new land with all
20 new equipment and a treatment system would be more costly than only a new treatment
21 system. CWS also has \$281,935.92 budgeted in 2026 for well renewal in the Stockton
22 District.¹⁴³

23 For both property purchases, the first step CWS lists for the project, if funded, is to
24 “Utilize well siting study to identify locations with favorable water quality and

¹³⁹ Stockton UWMP at 58.

¹⁴⁰ Stockton PJ Book at 19.

¹⁴¹ Stockton PJ Book at 12.

¹⁴² Stockton PJ Book at 19.

¹⁴³ Common Plant PJ Book at 479.

1 production capacities.”¹⁴⁴ Ratepayer funding of a preliminary step to constructing a well
2 that might not be feasible or even needed is unreasonable. Land purchases for a future
3 well do not serve ratepayers over the period in which rates are being established in this
4 proceeding. Therefore, these purchases should not be included in rates. If CWS decides
5 to purchase the land, the cost of the purchase can be added to rate base when a project is
6 or will be assumed to be completed, used, useful and providing ratepayer benefit.

7 The Commission should exclude from customer rates CWS’s funding request
8 associated with the Stockton new well property purchases. It is not reasonable place the
9 burden and risk of project completion and success on ratepayers.

10 **2. PID# 133208 Stockton Station 063 Rebuild**

11 CWS provides testimony for a station rebuild at Stockton Station 063. However,
12 CWS states that the project is “not part of the revenue requirements in this application.
13 Cal Water will start this project in this GRC period, and add it to the revenue requirement
14 of the GRC in which the project will be completed.”¹⁴⁵ CWS estimates the project cost
15 as \$1,700,000 to \$7,100,000, and states that it will refine the cost estimate once more
16 project details and scope are determined.”¹⁴⁶ It is impossible to assess the reasonableness
17 of the project if Cal Water is unable to provide overall project details and scope. The
18 Commission should determine whether the project should be included in rates once CWS
19 has provided adequate scope and costs. The Commission should not place the business
20 risk of pursuing a potential construction project on ratepayers by providing any
21 “approval.” As the economic regulator, the Commission approves rates and charges of
22 monopoly utilities. In regards to this project, there is nothing for the Commission to
23 approve.

¹⁴⁴ Stockton PJ Book at 47 and 52.

¹⁴⁵ Stockton PJ Book at 36.

¹⁴⁶ Stockton PJ Book at 36.

1 **3. PID # 133209 Stockton Station 080 Rebuild**

2 CWS forecasts \$1,045,285.69 in 2027 for direct costs associated with a rebuild at
3 Stockton Station 080.¹⁴⁷ CWS states that a new panel board and new generator are
4 needed to address potential public safety power shutoff events.¹⁴⁸ CWS already requests
5 a separate programmatic budget for both new and replacement panel boards and
6 generators.¹⁴⁹ CWS requests \$2,394,766.77 in 2026 earmarked for motor control center
7 and panelboard replacements in the Stockton district.¹⁵⁰ CWS labels PID#133209 as a
8 “station rebuild” project.¹⁵¹ However, most of this project’s scope of work is the panel
9 board replacement as reflected in CWS’s project summary and the cost estimate.¹⁵²

10 CWS states that project scope will cover installation of a new panel board,
11 including all the necessary supporting electrical equipment, and demolition of the
12 existing structure.¹⁵³ In addition, the scope of work for the separate programmatic
13 panelboard replacements covers: replacing electrical services, replacing circuit breakers,
14 replacing motor starter(s), replacing structural components of the electrical enclosures,
15 new foundations or concrete structures, new electrical conduit, new wiring, new electrical
16 components.¹⁵⁴

17 In addition to the overlapping scopes of work and double-counted budgets, CWS
18 also states that it will start several Panelboard Overhaul Projects in the current GRC¹⁵⁵
19 and will seek cost recovery and provide justification after the projects are completed.¹⁵⁶

¹⁴⁷ Stockton PJ Book at 42.

¹⁴⁸ Stockton PJ Book at 38.

¹⁴⁹ Common Plant PJ Book at 407.

¹⁵⁰ Common Plant PJ Book at 422.

¹⁵¹ Stockton PJ Book at 38.

¹⁵² Stockton PJ Book at 41 and 42.

¹⁵³ Stockton PJ Book at 40-41.

¹⁵⁴ Common Plant PJ Book at 415.

¹⁵⁵ Common Plant PJ Book at 421.

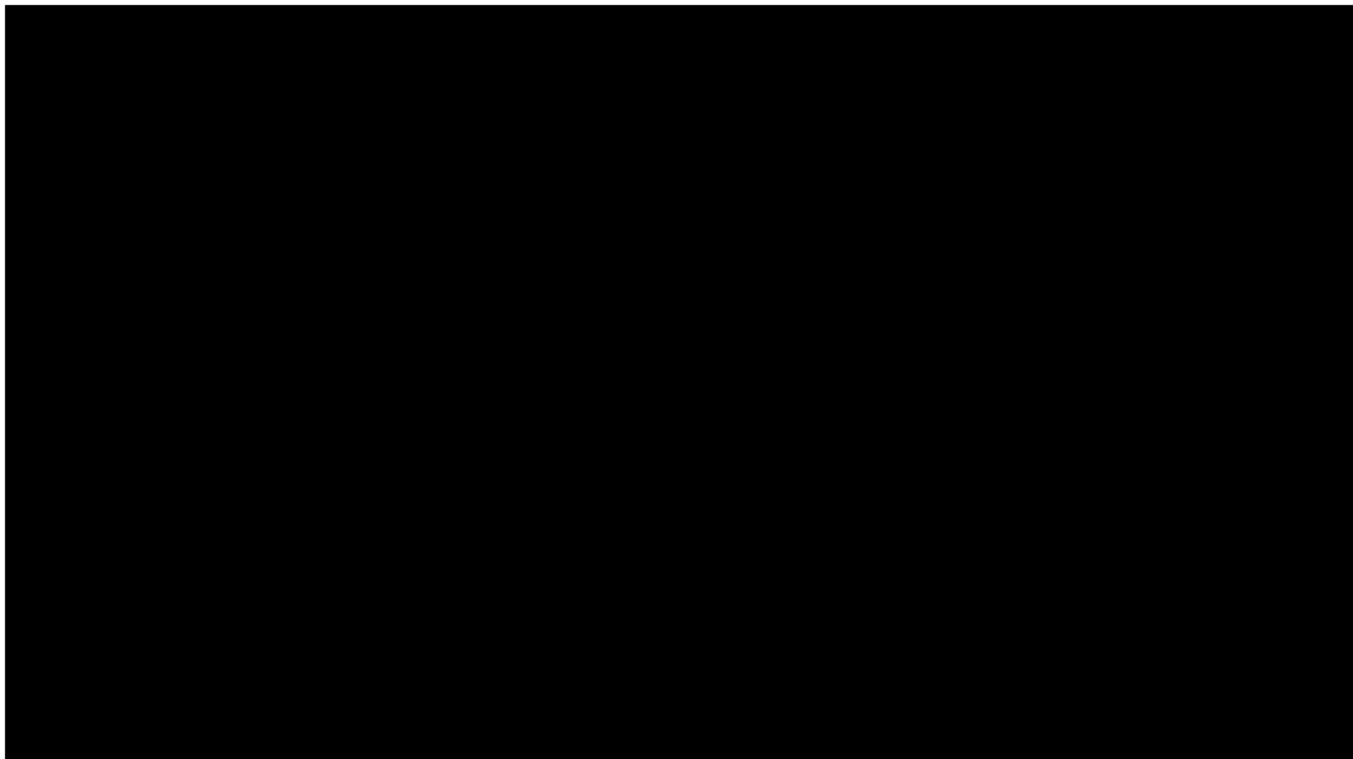
¹⁵⁶ Common Plant PJ Book at 421.

1 As a result, CWS requests three separate budgets forecasting the same projects. CWS's
2 over-forecasting is a common theme and is also reflected in its projects that were already
3 funded but not completed. For panel board replacements alone, CWS has
4 \$10,595,147.51 in "carryover" projects.

5 Only one budget should be forecast for panel board replacements. CWS bases
6 programmatic funding request on the system needs. It is not appropriate to add specific
7 projects to that budget. Ratepayers should not pay for CWS's funding request associated
8 with the Stockton Station Rebuild.

9 **I. Travis District**

10 ***BEGIN CONFIDENTIAL***



¹⁵⁷ CONFIDENTIAL CWS Travis District 2024 GRC Capital Project Justification Book
(CONFIDENTIAL TRV PJ Book) at 16.

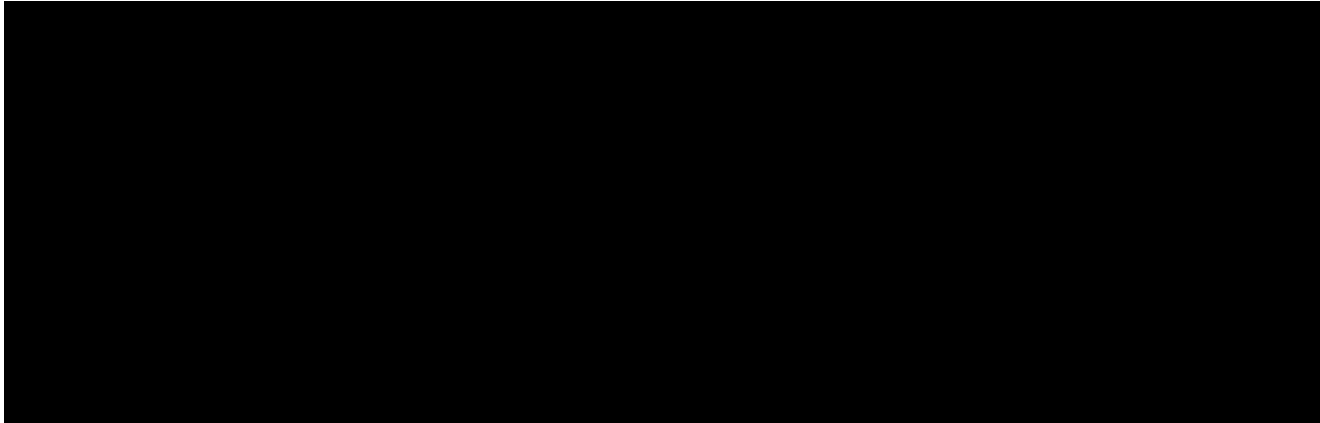
¹⁵⁸ CONFIDNETIAL TRV PJ Book at 13.

¹⁵⁹ CONFIDENTIAL TRV PJ Book at 13.

¹⁶⁰ CONFIDENTIAL TRV PJ Book at 13.

¹⁶¹ CWS 2021 Water Quality Report Travis District at 14; CWS 2022 Water Quality Report Travis
District at 13; CWS 2023 Water Quality Report Travis District at 13.

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END CONFIDENTIAL

IV. CONCLUSION

The above discussed district specific projects are not justified and not reasonable. CWS should follow state and federal regulations when applying water quality standards. If CWS chooses a more stringent standard than the state and federal regulations, then ratepayers should not pay for the associated costs and the associated costs should be excluded in rates.

1

LIST OF ATTACHMENTS FOR CHAPTER 6

	Attachment #	Description
1	Attachment 6-1	CWS Response DR SIH 004 (Millerton District)
2	Attachment 6-2	Sample Cost Estimates

2

**APPENDIX A:
Witness Qualifications**

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **SARI IBRAHIM**
4

5 Q.1 Please state your name and address.

6 A.1 My name is Sari Ibrahim and my business address is 320 West 4th Street,
7 Suite 500, Los Angeles, California 90013.
8

9 Q.2 By whom are you employed and what is your job title?

10 A.2 I am a Utilities Engineer in the Water Branch of the Public Advocates Office.
11

12 Q.3 Please describe your educational and professional experience.

13 A.3 I received a Bachelor of Science Degree in Civil Engineering from the Illinois
14 Institute of Technology in 2013. I also earned a Master of Science Degree in Civil
15 Engineering from California State University, Fullerton in 2019.

16 I have been with the Public Advocates Office – Water Branch since September
17 2019. I have served as an expert witness in multiple GRCs. Prior to joining the
18 Public Advocates Office, I worked as an engineer primarily in the environmental
19 remediation field for over six years.
20

21 Q.4 What is your area of responsibility in this proceeding?

22 A.4 My areas of responsibility were reviewing CWS's capital cost adders including
23 contingency and construction management and special inspection, previously
24 funded but incomplete projects, CWS's common plant budgets of physical
25 security, non-specifics, and vehicle replacement, CWS's customer support
26 services capital budget, CWS's approach to cost allocation, and the specific capital
27 projects of the Livermore, Stockton, and Travis districts.
28

29 Q.5 Does that complete your prepared testimony?

30 A.5 Yes.

ATTACHMENTS

LIST OF ATTACHMENTS FOR CHAPTER 1

	Attachment #	Description
1	Attachment 1-1	DR KN3-003 Attachment 1 with start dates
2	Attachment 1-2	DR SIH-006 (Proposed Capital Projects) Attachment #1

**ATTACHMENT 1-1:
CWS Response to DR KN3-003, Attachment 1
with start dates**

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123008	PV Narcissa Drive New Main	May 2021	2025	480,352	564,179	-	0%
00123009	PV 4" Main Replacement	May 2021	2026	4,678,481	5,526,849	-	0%
00099183	Advanced Metering Infrastructure	September 2021	2024	1,321,570	1,515,576	-	0%
00099173	Advanced Metering Infrastructure	January 2020	2024	2,042,194	2,387,520	-	0%
00116566	Person Down Radio Solution	January 2020	2024	805,687	836,674	-	0%
00115880	Supplier Invoice Process Automation	March 2021	2024	616,114	639,809	-	0%
00115787	2021 Vehicle Replacement Program	January 2021	2024	539,124	559,859	-	0%
00115826	2020 Vehicle Replacement Program	March 2020	2024	521,327	546,793	-	0%
00099154	Replace chemical feed pumps	October 2020	2024	264,515	296,680	-	0%
00098227	PV Storage Study	March 2017	2025	632,911	731,705	52,307	10%
00098596	Partial Rebuild SC 106	June 2017	2024	951,964	1,097,936	110,338	10%
00098022	Storage/Dump Facility STN14 SLN	March 2017	2025	379,747	435,461	50,944	10%
00099307	Widen Driveway	March 2016	2024	334,464	381,624	23,570	10%
00118053	Backflow Devices isdc 6	September 2019	2024	210,970	250,720	-	0%
00097980	Purchase Land for New Well Site	May 2017	2024	194,093	228,167	13,679	10%
00012047	WELLHEAD TREATMENT STA 219-02	April 2005	2024	215,696	256,902	-	0%
00116215	ENERGY EFFICIENCY IMPROVEMENTS	May 2021	2024	223,629	256,122	-	0%
00098765	Flow meters at 3 of 5 stations	July 2016	2024	253,165	290,390	-	0%
00115842	2021 Vehicle Replacement Program	January 2021	2024	130,891	135,647	11,150	10%
00098428	Video Surveillance at Reservoir	February 2018	2024	93,002	109,842	7,416	10%
00117538	NOH_201_Trmt_Mods	December 2019	2024	413,502	487,176	-	0%
00116414	MPS 2020 Flowmeter Replacements	January 2020	2024	139,241	163,044	4,974	10%
00076196	Operations Center Design	March 2014	2025	65,401	76,240	4,751	10%
00099415	Replace Discharge Pipe Sta-297	April 2022	2024	36,287	42,721	2,557	10%
00098271	Sta 001 Install Cover for Genset	June 2016	2024	34,049	40,547	-	0%
00121485	CH FH/PB Connections (PSPS)	June 2023	2024	59,072	70,656	4,559	10%
00097517	Cherokee Res: Conceptual Design	October 2016	2025	18,652	21,245	-	0%
00115909	2019 Power Quality Analyzers	March 2020	2024	13,128	13,633	-	0%
00020775	Well 301 (long Beach)	November 2011	2026	5,302,035	5,994,389	44,612	10%
00020838	Construct/Equip Well 216-02	April 2012	2024	5,583,966	6,478,007	58,087	10%
00061732	STK 77-01 Replace Pump & Col	November 2015	2024	101,266	118,184	8,702	10%
00065389	Sta 33 STA Rebuild	December 2014	2025	862,112	987,691	547,967	20%
00097302	Sta 42 0.25MG Welded Steel Tank	September 2015	2024	2,677,915	3,081,201	267,792	10%
00097310	Sta 5 3MG Welded Steel Tank	September 2015	2026	2,616,668	2,948,748	261,667	10%
00097628	Raw Water Line	February 2017	2024	406,121	482,737	33,856	10%
00097637	Sta 3 Reduce Sediment Intake	September 2015	2025	369,009	423,671	31,144	10%
00097756	HR Sta 24 rebuild design	August 2015	2025	379,747	440,051	304,011	10%
00098018	Upper Diversion Slope Stabilization	September 2015	2025	593,192	691,500	41,804	10%
00098036	BG Skeggs Tanks (Design)	August 2015	2026	423,336	480,826	162,246	10%
00098236	Upper Low Zone Mitigation	November 2015	2024	716,614	824,748	50,501	10%
00098334	Sta 300 New Well 01	February 2017	2025	83,139	97,129	5,859	10%
00098466	ARMV 002-T1-Overflow Airgap Retrof.	February 2018	2024	20,849	24,491	1,466	10%
00098693	Panelboard Replacement MRL 9	March 2016	2024	485,317	544,581	34,200	10%
00099341	IX Treatment DOM 297	September 2016	2024	4,344,021	4,865,516	326,266	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00114960	WQ-VOC GC/MS	March 2022	2024	189,060	196,331	-	0%
00115059	New Tank Install	April 2019	2024	3,247,930	3,779,937	-	0%
00115085	Replace Panelboard MPS 118	August 2019	2024	302,473	358,758	-	0%
00115110	Panelboard Replacement MPS 107	October 2019	2024	464,135	550,502	-	0%
00115112	Panelboard Replacement MPS 112	July 2019	2024	484,975	561,733	-	0%
00115207	SGMA support & review	March 2023	2024	199,387	232,160	-	0%
00115212	12" Cherokee Rd. Pipeline	September 2018	2024	6,585	7,808	-	0%
00115225	Cloud Access Security Broker	April 2021	2024	266,798	277,059	26,680	10%
00115586	Algal Treatment Study - BG	November 2021	2024	14,235	16,956	-	0%
00115835	2021 Vehicle Replacement Program	December 2020	2024	175,355	183,893	17,536	10%
00115845	New well at Salinas Oak Hills	April 2022	2025	2,489,451	2,900,727	385,205	20%
00115959	New well at Salinas - Las Lomas	January 2021	2025	2,531,646	2,956,996	391,734	20%
00116003	Portable Booster Pump	October 2020	2024	52,057	61,252	-	0%
00116011	GIS Development for Valley District	September 2020	2024	225,837	257,339	-	0%
00116581	King City WSFMP	March 2023	2024	2,463	2,926	-	0%
00116582	Selma WSFMP	August 2023	2024	138,197	160,814	13,820	15%
00116584	Bakersfield WSFMP	May 2022	2024	12,506	14,338	-	0%
00116883	Groundwater Banking Study	April 2021	2024	6,780	8,013	678	15%
00116896	CSI Technical Specs	October 2021	2025	4,485	5,118	-	0%
00116910	ADDITIONAL CONF. ROOM -RDOM	August 2021	2024	43,882	51,172	-	0%
00117416	Generator STA 10	May 2020	2024	427,500	499,475	42,750	10%
00117587	REPLACE - DATA CENTER A/C	June 2021	2025	4,421	5,053	-	0%
00117796	Bayshore Ops. Center Improvements	May 2019	2025	449,665	508,900	-	0%
00118564	RENOVATE HR AREA	December 2023	2024	54,852	64,349	-	0%
00118570	RECONFIG ENG/ACCTG	April 2020	2024	559,613	652,576	-	0%
00118571	RECONFIGURE IT/ ADDITIONAL TRAILER	March 2021	2025	78,897	90,038	-	0%
00118572	REPURPOSE FOUNTAIN AREA	July 2021	2024	371,980	433,122	-	0%
00123928	CH 41 Install GAC Treatment	January 2025	2024	1,326,588	1,586,750	132,659	10%
00133565	Skylonda - Skyline Main Conn	July 2024	2025	1,160,181	1,337,761	163,758	20%
00133576	BG Sta 53 - PRV Addition	February 2024	2024	136,471	162,561	18,872	20%
00122697	Plotter for BK Engineering office	September 2020	2024	23,218	24,111	-	0%
00131885	Skylonda Integration - CWS 1810 Zon	December 2023	2024	1,088,672	1,296,802	176,285	20%
00131889	Skylonda Integration - CWS 1930 Zon	December 2023	2024	940,843	1,120,711	175,374	20%
00124058	DIX 04 CrVI Treatment	February 2022	2025	2,710,211	3,170,451	436,888	20%
00116988	Tubeway Phase 2	November 2018	2025	7,004,219	8,082,951	-	0%
00020688	Access Road at SSF Sta 11	March 2015	2024	78,891	92,577	-	0%
00098530	Sta 007 Install Driveway at Harper	November 2017	2024	421,941	502,466	29,735	10%
00098912	Solar Powered Transmitter	January 2016	2024	46,763	55,976	-	0%
00061972	Purchase Land for SM Well	July 2013	2024	2,661,469	3,094,956	266,147	10%
00099381	Nitrification Mitigation	January 2019	2025	468,925	547,830	-	0%
00124387	HR 29 SCADA Communications Relocate	October 2023	2024	32,484	38,357	2,682	10%
00132954	LIV 34 - VFD INSTALLATION	December 2023	2024	87,202	104,564	-	0%
00130235	Genentech Feasibility Study	February 2023	2024	42,502	50,625	-	0%
00131989	TIME TRACKING IMPROVEMENT PHASE 2	November 2023	2025	353,923	395,737	35,392	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00130571	REPLACE V206012	July 2023	2025	217,536	230,028	-	0%
00133323	BK Office Digital Signage	November 2023	2024	14,074	14,532	1,500	10%
00132895	Office Supplies - IT Field Techn	December 2023	2024	9,668	10,040	-	0%
00133929	LIV SERVER ROOM UPS	March 2024	2024	4,254	4,458	-	0%
00133305	RDOM Digital Signage Hardware	February 2024	2024	11,754	12,102	1,175	10%
00117486	383-393 E. Grand, 200' Earthquake pipe	January 2018	2024	1,370,316	1,608,032	137,032	20%
00103497	New Well Property North Garden #1	November 2015	2024	506,329	582,614	-	0%
00114151	LAS 9 Tank Mixing	December 2017	2024	1,017,728	1,195,694	-	0%
00021521	TREATMENT WELL 219-02	September 2008	2024	219,916	256,921	-	0%
00122940	TAB Phys Security & Instrument Inst	August 2020	2024	742,616	866,170	-	0%
00122978	SSF-007 Control Valve	March 2021	2024	194,624	227,406	-	0%
00119073	PowerPlan Budget Forecasting	November 2018	2024	259,693	266,485	-	0%
00119986	Los Altos Field Office Upgrade	November 2020	2024	311,899	357,761	-	0%
00120835	HR 23 - Abandon/replace vault	September 2019	2024	753,755	868,556	-	0%
00122824	Install Backup Generator BK 212	December 2020	2026	359,493	419,884	70,528	20%
00122859	Install Backup Generator WLK 006	October 2020	2024	604,780	708,113	67,666	20%
00122876	Install Backup Generator BG 017	March 2021	2025	338,928	396,875	64,779	20%
00122933	Install Backup Generator WLK Office	December 2020	2025	212,747	253,348	40,662	20%
00122976	SSF Hillside Blvd PRV	February 2021	2024	329,114	386,207	-	0%
00127148	PV Golf Club Recycled Water Line	April 2024	2025	2,691,042	3,164,993	-	0%
00123106	Purchase Land for Well in Zone 610	September 2020	2026	802,165	914,112	-	0%
00123160	New Well-Livermore	May 2022	2024	3,588,504	4,302,978	601,400	20%
00126268	BK 047-02 Pump Replacement	April 2021	2024	168,776	197,724	-	0%
00126877	BK 220-01: Pump & Motor Replacement	June 2021	2025	244,726	288,226	-	0%
00127761	Rpl main canal @ shafter Rd	January 2022	2024	421,941	484,050	-	0%
00128024	Install 8" tr flex @ Marella OverX	February 2022	2024	665,931	768,570	-	0%
00129528	E. California 21" main protection	January 2023	2024	204,083	240,536	-	0%
00128198	HR-22-01 Media Vessel Repairs 2022	March 2022	2024	168,776	200,408	1,242	10%
00133967	Replace 6 Broken Valves @ Sepulveda	March 2024	2024	249,519	297,870	22,400	10%
00128461	ELA 62 Carbon Changeout	April 2022	2024	181,435	211,171	-	0%
00128996	ELA 62-01 Carbon Changeout	June 2022	2024	244,886	287,245	-	0%
00133997	Replace Multiple Valves See Comment	March 2024	2024	311,342	358,761	27,950	10%
00129409	Notre Dame & El Camino, SC	September 2022	2024	253,165	297,721	-	0%
00128971	Construct retaining wall/fence @ 22	August 2022	2024	249,215	294,406	16,100	7%
00131316	BK PFAS Preliminary Design	July 2023	2024	689,260	805,034	60,750	10%
00126005	BG STA 46 Wildfire Generator	August 2021	2024	272,574	324,684	24,442	10%
00126093	BG Skyline 06IN Relocate	March 2021	2024	4,131,756	4,724,582	-	0%
00126621	BG Palo Alto Interconnect	April 2021	2024	804,024	941,490	-	0%
00129532	BG 40-A Pump Replacement	November 2022	2024	210,970	247,040	19,000	10%
00130460	BG STA 47 Wildfire Generator	July 2023	2024	252,085	300,278	25,208	10%
00131319	CH PFAS Preliminary Design	July 2023	2024	374,253	441,054	33,000	10%
00133939	Relocate Portion of Main-Hwy 32	February 2024	2024	210,970	248,627	-	0%
00133875	Emergency Main Repair @ Marathon	January 2024	2024	310,840	363,145	29,374	10%
00126076	Enterprise AMI Feasibility Study	June 2021	2024	265,823	309,051	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00131496	MSPO Roadmap	July 2023	2024	206,751	230,830	-	0%
00133734	LIV-10 GAC REPLACEMENT	March 2024	2024	168,776	202,380	-	0%
00130954	inst 8"pvc @ Richardson X Grant	June 2023	2024	219,342	260,153	-	0%
00121589	Olmsted Creek Pipe Crossing	January 2020	2024	506,329	608,506	-	0%
00131846	main abandonment/service relocation	September 2023	2024	379,747	446,017	37,975	10%
00132022	PV 049-T2 Roof Replacement	October 2023	2024	1,856,540	2,115,347	-	0%
00121845	Land for New Well and Tank	February 2021	2024	302,291	355,032	77,392	35%
00129416	Lot (land) for Ag industrail	October 2022	2024	675,105	805,748	-	0%
00130698	Hwy 156 - 12" DI Relocation	October 2023	2024	662,447	774,421	-	0%
00131372	SLN 77 Booster Station Construction	September 2023	2024	1,905,310	2,242,914	190,531	15%
00128063	SEL 12 - Property Purchase	February 2023	2024	212,032	243,518	-	0%
00130599	SSF 008-T1 Roof Replacement	May 2023	2024	248,945	286,504	-	0%
00127164	Material Storage Bunkers	October 2021	2025	548,523	644,317	-	0%
00122819	VIS 77 installing Generator	August 2020	2024	210,335	248,348	21,034	10%
00129198	BLDG A - OFFICE UPDATES	July 2022	2024	189,873	222,413	-	0%
00128042	GRC 2021 Rev Rec Project	July 2022	2025	379,147	391,396	-	0%
00114507	Sta 215 Treatment Plant Construct	September 2022	2024	4,430,380	5,175,879	588,203	20%
00116020	New well replacement at station 20	February 2019	2026	1,350,407	1,548,973	204,683	20%
00116413	BG Skeggs Tanks Construction	April 2022	2026	3,080,331	3,551,816	455,523	20%
00116305	BG16 Slope Stabilization	August 2024	2025	109,673	127,849	16,967	20%
00118107	Sta.275 4-Log Disinfection	January 2021	2024	2,531,646	2,882,760	403,339	25%
00118492	SLN 205-01 CR(VI) Treatment Plant	December 2022	2025	1,597,375	1,844,491	296,757	30%
00116899	SLN-LL new Chromium treatment	January 2021	2025	1,595,335	1,863,372	303,808	30%
00116901	SLN-OH new chromium 6 treatment	January 2021	2025	1,595,335	1,863,372	303,808	30%
00114459	HR Sta 24 Rebuild-Construction	January 2019	2025	3,550,597	4,037,355	353,254	20%
00114643	Sta 17 Partial Rebuild	December 2018	2025	215,533	246,929	32,559	20%
00114644	AMI (Smart) Meter Pilot	April 2022	2024	1,065,573	1,263,904	135,614	20%
00117877	LUC AMI Smart Meter	June 2022	2024	255,415	304,711	50,565	35%
00114301	ELA Station 61 Pump Station	February 2019	2025	1,073,249	1,222,458	109,492	20%
00114327	Low Zone Surge Protection	October 2020	2024	822,803	965,558	126,103	20%
00115854	Proposed 250K Storage Tank LL 302	September 2018	2025	950,084	1,081,886	125,814	20%
00114325	Sta 18 Station Rebuild	December 2018	2024	1,590,720	1,846,481	240,372	20%
00116335	Station 26 Stabilization Project	January 2019	2025	433,899	500,298	38,263	10%
00114508	Sta 219 Treatment Plant Design	January 2019	2025	81,718	95,469	10,434	20%
00114328	Portola Road Pipeline	January 2019	2024	2,043,063	2,366,504	213,972	10%
00114641	Sta 14 Partial Rebuild	December 2018	2025	2,953,586	3,383,821	472,019	20%
00114646	Sta 30 Chem Addition	April 2019	2024	954,364	1,129,585	144,102	20%
00114503	Sta 215 Treatment Plant Design	January 2019	2024	632,911	720,727	87,326	20%
00115626	YEAR 2021: 2,100 F/M CONVERSIONS	April 2021	2024	2,143,664	2,499,748	84,052	10%
00114642	Sta 21 Partial Rebuild	June 2020	2024	1,872,104	2,182,362	288,695	20%
00114949	Sta 005 Rebuild	February 2019	2025	62,324	74,901	6,546	20%
00114504	Sta 203 Booster System Design	March 2020	2024	506,329	591,529	48,747	20%
00121426	PV-22 PSPS Electrical Modifications	March 2020	2026	671,507	783,050	58,725	10%
00114288	STK-35 Station Rebuild	December 2018	2024	1,123,773	1,259,451	141,444	20%

[A]	[B]	[C]	[D]	[E]			
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00116323	Advanced Metering Infrastructure	August 2022	2024	85,136	101,692	11,953	10%
00115010	Install new station piping SM116	March 2024	2025	176,963	201,430	16,337	10%
00121261	SC-118 PSPS Genset	April 2020	2024	569,975	676,037	68,402	30%
00121345	BG-025 PSPS Genset	November 2019	2024	813,941	967,493	115,478	30%
00121347	BG-026 PSPS Genset	January 2020	2024	703,110	821,546	96,472	30%
00114342	Chico Station 11 Rebuild	January 2019	2025	103,458	118,725	7,586	10%
00114889	Station Rebuild CH STA 12	April 2020	2024	557,069	648,879	38,807	10%
00115930	Install Booster Pumps SLN 50	March 2020	2024	375,970	439,520	47,873	20%
00117876	ARM-NOH AMI Meters	June 2020	2024	650,000	751,649	128,667	35%
00121487	PSPS LAS-33 Genset	January 2020	2024	520,029	618,243	71,939	15%
00117195	STK 2021 Physical Security Upgrades	April 2022	2024	662,570	758,752	45,031	10%
00117237	BG 2021 Physical Security Upgrades	August 2021	2024	334,525	390,030	32,621	10%
00117411	Install Genset - LAS 9	March 2019	2024	683,473	814,469	71,540	10%
00115080	Panelboard Replacement MPS 117	February 2021	2027	274,913	309,130	26,810	10%
00115109	Marysville 12 Panel & Generator	November 2020	2024	380,956	442,162	25,891	10%
00121171	SLN-049 PSPS Genset	January 2020	2024	466,667	551,895	54,811	15%
00118528	2019 - ADDITIONAL VEHICLES	May 2019	2024	240,052	251,246	29,218	10%
00117176	STK 2020 Physical Security Upgrades	September 2019	2024	57,556	68,064	4,010	10%
00114361	Harris Res. - Install PAX Mixer	January 2021	2024	280,944	334,561	27,564	20%
00118028	Replace Genset - Sta 33	October 2020	2025	273,858	318,567	28,665	10%
00115747	2020 Vehicle Replacement Program	July 2020	2024	267,299	279,751	31,741	10%
00114980	SSF Sta.11 New Access Road	November 2018	2025	27,806	31,795	2,738	10%
00116516	Mid Penninsula Reliability Study	September 2020	2024	8,037	9,391	803	10%
00116517	Bear Gulch Reliability Study	December 2019	2024	7,505	8,770	783	10%
00115179	Panelboard Replacement BG-16	February 2019	2024	881,460	1,036,617	92,316	10%
00117367	LIV 14 Panelboard	January 2020	2024	307,921	354,619	21,451	10%
00114364	HR Sta 23 Seismic Retrofit	June 2021	2024	200,541	240,789	19,669	20%
00117363	LIV 28 Generator & VFD	September 2020	2024	319,637	372,097	21,724	10%
00116923	COS_07 Free Chlorine Conversion	August 2019	2024	187,803	201,555	19,829	10%
00115768	2021 Vehicle Replacement Program	October 2020	2024	260,664	270,586	21,047	10%
00116387	BG 2020 Flowmeter Replacements	January 2020	2025	8,094	9,315	809	10%
00118020	Modular Building	April 2022	2024	409,603	476,875	-	0%
00116850	SSF Reliability Study	September 2020	2024	5,613	6,558	585	10%
00116051	MPS 114-PT1 - Replace Pressure Tank	June 2020	2024	455,696	532,450	45,548	10%
00115868	MPS 027-PT2 - Replace Pressure Tank	March 2019	2024	779,981	913,321	81,688	10%
00116064	MPS 120-PT1: Replace Pressure Tank	May 2021	2024	369,079	430,314	35,990	10%
00116058	MPS 116-PT1 - Replace Pressure Tank	June 2020	2025	57,824	67,261	5,780	10%
00115863	Replace Gen-set at Station BK 116	December 2019	2024	623,315	712,905	23,349	10%
00117379	Replace six RTUs	April 2020	2024	184,998	217,778	14,103	10%
00121170	HR-024 Stationary Generator (PSPS)	December 2020	2025	329,114	381,378	24,834	10%
00118094	2020- VEH. FOR PROPOSED COMPLEMENT	September 2023	2024	970,596	1,015,811	114,483	10%
00117399	Install SCADA PLC at COS_RDV	June 2020	2024	367,278	415,632	33,598	10%
00117409	Army Corps Marysville Phase 3	April 2021	2025	237,688	271,940	16,646	10%
00117656	SSF 4 New Pumps	February 2019	2024	546,317	647,977	56,854	10%

[A]		[B]		[C]		[D]	[E]
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00115989	ARM_STA_02_T1_Seismic_Upgrad	December 2019	2024	66,667	78,314	10,729	20%
00115263	STK-61 Blow Off	September 2018	2025	94,443	110,158	12,639	20%
00115087	Sepulveda Line Reliability Study	April 2024	2025	125,597	147,174	12,511	20%
00114982	WLK Emergency Fuel Supply	February 2024	2024	26,564	31,633	2,998	10%
00116415	MPS 2021 Flowmeter Replacements	February 2021	2024	14,220	16,687	1,387	20%
00117429	LAS 2021 Flowmeter Replacement	May 2021	2024	13,851	16,157	1,477	10%
00117904	Install generator at CSC	September 2019	2024	347,793	411,107	14,139	10%
00115748	2021 Vehicle Replacement Program	February 2021	2024	92,659	95,538	10,735	10%
00117187	HR 2020 Physical Security Upgrades	December 2020	2024	296,397	355,883	10,816	10%
00115329	STK-77 Blow Off	July 2018	2025	123,325	143,846	9,002	10%
00116925	CSPR Sta 8 - Spray Aeration Sys	May 2020	2025	11,067	11,466	1,171	10%
00116483	BK 2021 Flowmeter Replacements	May 2021	2024	256,567	299,662	9,134	20%
00115830	Lakeland WTP Upgrades	May 2020	2025	221,025	254,807	18,580	10%
00114792	LAN 001-T2 Seismic Retrofit	May 2021	2024	87,764	101,621	8,879	10%
00114793	LAN 001-T3 Seismic Retrofit	April 2021	2024	87,764	100,316	8,662	10%
00116139	SSF 011-T1: Seismic Retrofit	July 2019	2024	50,757	60,458	5,073	10%
00116494	Visalia Reliability Study	October 2021	2024	212,651	254,099	7,777	10%
00116497	Bakersfield Reliability Study	October 2021	2024	545,028	640,366	19,933	10%
00116799	Upgrade Sample Stations Phase 2	October 2021	2024	91,831	104,829	11,014	10%
00116761	Upgrade Sample Stations	May 2023	2024	61,339	72,236	7,709	10%
00115213	Panelboard Replacement SEL-6	September 2019	2024	167,070	189,769	6,388	10%
00115214	LUC 01 - Acid Feed Installation	May 2019	2024	54,334	63,729	5,732	10%
00116014	SSF 005-T1 - Roof Retrofit	December 2020	2024	60,338	70,957	5,979	10%
00114326	BG Sta 40 Property Acquisition	June 2021	2024	1,264	1,477	204	20%
00115409	SLN 016-02 Replace Pump and Motor	September 2021	2024	156,583	184,328	10,642	10%
00117436	LIV 2021 Flowmeter Replacements	May 2021	2024	99,035	115,913	6,731	10%
00117412	VIS 79 Install Generator	October 2020	2025	78,272	89,574	2,787	10%
00116237	Replace 4 bulk chem tanks - NE WTP	March 2020	2024	180,749	205,970	6,764	10%
00115716	MPS 031-T1 - Tank Struct Retrofit	September 2021	2024	56,371	66,292	5,497	10%
00116013	LAN 001-PT1: Replace Pressure Tank	February 2021	2025	191,080	214,854	6,803	10%
00115340	Replace F.H. & Valves	January 2021	2024	164,557	196,444	6,116	10%
00115584	STK 75-01 Pump & Motor Replacement	November 2022	2024	25,546	30,606	1,885	10%
00115873	ELA 059-PT1 - Replace Pressure Tank	October 2020	2024	288,734	339,550	10,536	10%
00117880	HKN - AMI Smart Meters	June 2020	2024	11,277	13,208	2,233	20%
00114791	Lake Hughes 003-T1 Seismic Retrofit	May 2021	2024	73,320	84,897	7,417	20%
00116509	Selma Reliability Study	October 2021	2024	154,965	180,326	5,667	10%
00115323	STK-68 Blow Off	October 2019	2025	74,938	87,407	5,458	10%
00117432	LIV 2019 Flowmeter Replacements	January 2020	2024	68,849	80,802	4,994	10%
00115386	LIV 015-01 Replace Pump and Motor	February 2023	2025	33,399	39,192	2,270	10%
00115440	BK 216 MFS1 Pump & Motor Replace	June 2021	2024	177,215	206,982	6,539	10%
00115540	BK 216 MFS3 Pump & Motor Replace	June 2021	2024	2,667	3,210	98	10%
00115380	Replace Blow-offs	January 2021	2025	133,990	156,536	4,907	10%
00115379	Replace Blow-offs	July 2024	2025	130,722	152,719	4,907	10%
00115162	LAS 013-C Replace Pump and Motor	June 2021	2024	46,539	54,287	4,538	10%

[A]	[B]	[C]	[D]	[E]			
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00114994	MPS 116-A: Pump & Motor Replacement	January 2021	2024	53,461	62,870	5,319	10%
00115337	BG 23-A Pump & Motor Replacement	September 2020	2024	64,979	75,596	6,567	10%
00115772	2020 Vehicle Replacement Program	September 2021	2024	64,136	68,226	5,308	10%
00115002	BG 036-A: Pump & Motor Replacement	September 2021	2024	42,194	49,302	4,157	10%
00115844	MPS 118- T1- Tank Struct Retrofit	December 2021	2024	78,162	91,130	7,813	10%
00115326	STK-71 Blow Off	January 2021	2025	63,984	74,631	4,546	10%
00117192	PV 2019 Physical Security Upgrades	April 2020	2024	160,338	192,694	6,131	10%
00116059	BOD 011-T1: Tank Retrofits	September 2023	2024	128,515	154,145	4,575	10%
00116071	LEO 001-T1: Seismic Retrofit	July 2021	2024	122,652	141,836	4,660	10%
00118116	Instrumentation Energy Optimization	January 2021	2024	54,852	64,229	3,819	10%
00116271	RDP_102_Replace_Pump_Bldg	May 2024	2024	1,841	2,214	296	20%
00114875	BK 140-1W: Pump & Motor Replace	January 2020	2024	151,899	174,678	5,872	10%
00118093	2019- VEH. FOR PROPOSED COMPLEMENT	August 2022	2024	89,100	91,993	4,005	10%
00118121	2019 - VEHICLE FOR NEW COMPLEMENT	September 2023	2024	45,329	47,591	6,244	10%
00116490	CH 2021 Flowmeter Replacements	May 2021	2024	55,060	64,241	4,057	10%
00115307	BK 005-05 Pump & Motor Replace	October 2022	2024	33,250	39,189	1,210	10%
00115017	BG 043-A:Pump & Motor Replacement	October 2021	2024	2,403	2,826	237	10%
00115020	BG 43-B:Pump & Motor Replacement	October 2021	2024	3,247	3,819	320	10%
00116386	Replace membrane feed pumps - NWTP	November 2020	2024	43,064	50,603	3,213	10%
00115382	LIV 019-A Replace Pump and Motor	April 2022	2024	1,229	1,474	90	10%
00115417	BK 216 D Pump & Motor Replace	January 2020	2024	65,178	76,820	2,520	10%
00115740	2019 - Vehicle Replacement Program	January 2019	2024	69,326	69,626	3,389	10%
00116231	Replace potassium permang - NEWTP	April 2019	2024	72,738	87,537	2,915	10%
00116631	Structural Improvements - NE WTP	October 2020	2025	59,916	69,109	2,188	10%
00116586	VIS 2021 Flowmeter Replacements	May 2021	2024	77,637	90,567	2,764	10%
00115272	SEL 018-01:Pump & Motor Replacement	July 2021	2024	1,004	1,176	37	10%
00116006	LIV 023-T1 - Tank Retrofits	October 2020	2024	1,771	2,089	123	10%
00115230	HR 005-A: Pump & Motor Replace	June 2020	2024	101,266	119,573	3,736	10%
00114865	DOM 277-A: Pump and Motor Replace	February 2021	2024	41,235	49,225	1,484	10%
00116211	Acid feed system - NW WTP	March 2021	2024	52,321	62,966	2,137	10%
00114159	BK-100 Station Re-Build	August 2020	2024	253,165	297,449	9,596	10%
00115218	HR 004-E: Pump & Motor Replace	June 2020	2024	47,004	56,438	1,734	10%
00116561	WLK 2019 Flowmeter Replacements	August 2020	2024	70,759	82,496	2,705	10%
00116650	MRL 2020 Flowmeter Replacements	June 2020	2024	111,823	130,381	8,074	10%
00115226	HR 023-C: Pump & Motor Replace	June 2020	2024	40,000	48,028	1,476	10%
00115223	HR 009-C: Pump & Motor Replace	January 2021	2024	3,905	4,689	141	10%
00116154	Sta. 9 Driveway Improvement	September 2021	2024	20,355	24,251	1,466	10%
00114882	ARMV 002-T1 - New CP Install	November 2020	2024	11,730	13,779	1,228	10%
00115992	MPS 118-T2 - Tank Struct Retrofits	October 2019	2024	11,224	13,114	1,175	10%
00115970	BG 005-T9 - New 30" Manway	December 2018	2024	240	281	25	10%
00117425	HR 2020 Flowmeter Replacements	February 2022	2024	33,755	39,297	1,232	10%
00115097	Replace 5 CL2 Tanks 2021	July 2022	2024	19,409	22,738	693	10%
00115635	SSF 014-T1: Repl Interior Ladder	September 2022	2024	1,391	1,625	136	10%
119MRP24	STK 2024 Main Replacement Program	January 2024	2024	19,729,060	23,636,581	1,793,551	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
101MRP24	BK 2024 Main Replacement Program	January 2024	2024	14,184,310	17,070,322	1,289,483	10%
00124693	CSS CC&B Cloud Upgrade	August 2022	2024	13,383,247	13,897,966	1,216,659	10%
102MRP24	BG 2024 Main Replacement Program	January 2024	2024	9,870,012	11,756,942	897,274	10%
152MRP24	BAY 2024 Main Replacement Program	January 2024	2024	9,694,536	11,547,408	881,321	10%
122MRP24	PV 2024 Main Replacement Program	January 2024	2024	5,517,102	6,630,452	501,555	10%
00124733	LAS New Operations Building	June 2021	2024	6,773,165	7,719,835	1,171,648	20%
00123403	DOM Sta 219 Treatment Construction	January 2023	2024	5,585,312	6,509,476	930,435	20%
110MRP24	LIV 2024 Main Replacement Program	January 2024	2024	5,065,244	6,073,738	460,477	10%
111MRP24	LAS 2024 Main Replacement Program	January 2024	2024	4,939,536	5,900,085	449,049	10%
128MRP24	DOM 2024 Main Replacement Program	January 2024	2024	4,736,258	5,654,033	430,569	10%
114MRP24	SLN 2024 Main Replacement Program	January 2024	2024	4,376,862	5,223,847	397,897	10%
104MRP24	CH 2024 Main Replacement Program	January 2024	2024	4,062,755	4,859,516	369,341	10%
00125633	LAS Marion Way New Mainline	February 2023	2024	4,673,084	5,423,889	778,847	20%
00124239	LAS New Well For Zone 375	January 2023	2025	4,197,999	4,815,278	-	0%
108MRP24	HR 2024 Main Replacement Program	January 2024	2024	3,464,211	4,159,461	314,928	10%
120MRP24	VIS 2024 Main Replacement Program	January 2024	2024	3,347,328	3,999,749	304,303	10%
00124910	CSS-WATER QUALITY SATELLITE LAB	June 2024	2026	2,870,664	3,312,307	458,341	20%
00123501	LIV New Well	January 2024	2026	3,849,935	4,433,186	-	0%
00123887	SLN 076: New Well	October 2022	2026	3,796,275	4,423,447	-	0%
106MRP24	ELA 2024 Main Replacement Program	January 2024	2024	3,056,015	3,658,583	277,820	10%
00123884	SLN Wildfire Oak Hills Grid Imprv	December 2022	2024	10,269	12,172	1,711	20%
00125762	DOM Sta 300 Treatment Plant	April 2023	2025	3,417,722	3,983,229	593,339	20%
00123396	VIS 99 - New Well Station	January 2023	2024	2,937,724	3,435,308	244,935	10%
00124420	BK 2024 Flat to Meter	January 2024	2024	2,023,646	2,383,352	183,968	10%
00123165	BK New Tank & Booster Facility	July 2024	2026	3,126,872	3,613,687	277,650	10%
00124419	BK 2023 Flat to Meter	March 2024	2024	1,983,966	2,387,634	180,361	10%
00123354	VIS 97 - New Storage Tank	January 2022	2025	4,040,641	4,702,493	673,440	20%
00124412	BK 2022 Flat to Meter	November 2022	2024	2,776,370	3,301,844	252,397	10%
00123419	DOM From Sta 232 N to Zone I	February 2022	2024	2,419,015	2,887,763	402,865	20%
00123405	DOM 232 to Zone 1 Main Reliability	February 2022	2024	3,623,835	4,296,236	603,973	20%
00124334	LAS Land for New Well	March 2022	2024	2,270,798	2,635,638	378,466	20%
00125629	LAS STA 008 New Mainline to Mora	January 2023	2025	2,228,510	2,543,943	371,420	20%
00125632	LIV New Main Livermore & Concannon	May 2024	2024	2,213,575	2,590,827	368,929	20%
00124692	CSS EAM-Work Digitization,Analytics	February 2022	2024	1,895,735	1,968,644	172,339	10%
00124410	SSF Wildfire New Main 555 Zone	January 2023	2025	2,230,549	2,550,560	202,757	10%
00123313	VIS 55 - PFAS Treatment	October 2022	2025	1,645,461	1,873,973	149,587	10%
00125641	PV Wildfire Zone F-1325 New Main	November 2023	2025	2,514,518	2,908,407	419,086	20%
00124372	SC Wildfire New Main 345 Zone	January 2023	2024	2,116,317	2,504,791	192,393	10%
00124702	CSS Op. Data Management System	April 2022	2024	1,706,161	1,771,780	155,106	10%
00125061	SLN 045 Wildfire Station Upgrade	January 2023	2024	1,895,077	2,261,802	172,280	10%
00125187	LAS 32, 1, 121 Well Chloramination	April 2022	2025	2,961,539	3,421,170	269,231	10%
00125645	BAY SC-116 Rebuild	May 2022	2025	2,507,665	2,909,928	417,944	20%
00124735	LAS Covington Ph2 New 16" Main	May 2022	2024	1,867,371	2,204,365	311,229	20%
00123265	STK 12" Cherokee Rd Pipeline	September 2023	2025	1,818,697	2,116,223	312,131	20%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123895	LAS Sta. 41 New Booster Pump	June 2023	2026	1,837,673	2,102,790	167,061	10%
00123170	BK 675 Rezone	March 2023	2025	1,346,019	1,509,695	117,241	10%
00124230	PV D-500 Main Replacement PDR	November 2022	2025	1,313,400	1,521,402	218,900	20%
00124417	SSF Wildfire New Main 390 Zone	January 2022	2024	1,544,468	1,800,712	140,052	10%
00124462	Wildfire SC-121 Station Rebuild	July 2023	2026	1,666,083	1,937,446	277,681	20%
123MRP24	WLK 2024 Main Replacement Program	January 2024	2024	1,271,487	1,514,144	115,590	10%
00123629	AV LV Sta 4 New 0.22MG Storage Tank	January 2022	2024	1,501,818	1,718,840	250,303	20%
00123309	VIS 38 - PFAS Treatment	January 2022	2025	1,399,408	1,597,626	127,219	10%
00124208	LAS Transm. Main Isolation Valves	September 2023	2025	1,612,884	1,872,108	146,626	10%
00125251	BK 49-03 GAC Treatment	January 2022	2025	1,362,510	1,528,190	217,958	20%
00123393	DOM New Property Purchase	May 2024	2024	1,392,405	1,596,230	236,727	20%
00125640	PV Wildfire Zone C-635 New Main We	February 2022	2025	1,267,525	1,523,312	211,254	20%
00123900	CH 7 Install GAC Treatment	June 2024	2024	1,330,232	1,555,945	120,930	10%
00123266	STK Main Tie-ins at Army & Charte	January 2024	2024	1,579,606	1,817,330	263,268	20%
00123618	LAS Sta. 39 and 104 Well Chloram	January 2023	2025	2,033,294	2,343,376	190,633	10%
00125746	SLN New Customer Parking Lot	January 2022	2024	1,245,659	1,486,711	113,242	10%
00124669	CSS EAM GIS Modernization	December 2021	2024	1,107,240	1,149,824	100,658	10%
00125060	SLN 155 Zone: New Well - Design	October 2022	2026	1,136,027	1,323,707	189,338	20%
00125813	Land Purchase for Recycled Water St	January 2022	2024	1,181,897	1,351,898	107,445	10%
00125628	BG Wildfire - New Main Morrow Vista	January 2022	2024	1,164,250	1,372,126	194,042	20%
00123500	LIV Land Purchase for New Well	January 2022	2024	1,188,936	1,395,193	198,165	20%
00123359	VIS 200 - New Storage Tank	January 2022	2025	1,241,881	1,441,886	206,980	20%
00124426	BAY Zone Interie at Polhemus Rd	March 2024	2024	1,069,152	1,273,493	178,192	20%
00124437	BG Land For New Booster Station	December 2022	2024	400,000	476,471	66,667	20%
00123938	CH 51 Install GAC Treatment	January 2022	2025	1,147,488	1,323,410	104,317	10%
00123737	CSS 2023 Vehicle Replacemnt Program	June 2023	2024	1,043,404	1,083,533	94,855	10%
00124396	SM Wildfire New Main 465 Zone	January 2022	2024	1,076,006	1,262,667	97,819	10%
00124360	SC Wildfire New Main 600 Zone	October 2023	2025	1,024,212	1,176,207	93,099	10%
00124830	DOM Sta 203 Tank Mixing & Dosing	July 2024	2024	908,749	1,056,786	151,458	20%
00124381	BG Wildfire New Main Tynan Way	December 2023	2025	200,000	232,157	18,182	10%
00123564	MPS 2023 Control Valve Replacement	February 2023	2024	358,650	420,867	35,101	10%
00124358	BK 2022 GAC Media Replacement	April 2022	2024	376,432	453,023	32,658	10%
00124745	BKD 147 Storage Tank Replacement	February 2021	2025	987,183	1,145,510	85,986	10%
00124086	LAS Grant Rd. Rezone	January 2023	2025	1,010,151	1,153,132	91,832	10%
00124844	HR Sta 026 Tank Mix & Boost	May 2024	2025	393,959	448,843	65,660	20%
00125421	BK 2022 Physical Security Upgrades	July 2022	2024	965,039	1,133,986	87,731	10%
00124488	CSS Procurement Process Improvm.	January 2022	2024	807,431	838,485	73,403	10%
00125422	BK 2023 Physical Security Upgrades	December 2023	2024	61,603	70,627	5,600	10%
00125358	ELA Main Office Improvements	March 2024	2025	1,023,376	1,174,741	170,563	20%
00124455	BAY Extend 345 Zone at Nevada Ave	April 2022	2024	939,397	1,092,885	156,566	20%
00124233	PV Sta 015 Rebuild Design	April 2022	2024	1,054,852	1,203,572	189,472	20%
00124691	CSS EWWM-Buildout of Integration	March 2022	2024	1,137,441	1,181,187	103,404	10%
00125642	PV Wildfire Zone B-280 New Main	January 2023	2025	895,883	1,038,715	149,314	20%
00124418	SSF New Main	November 2022	2024	760,632	894,501	126,772	20%

[A]	[B]	[C]	[D]	[E]			
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00124621	LAS-115 Redwood Tank Replacement	April 2024	2024	825,395	962,519	75,036	10%
00123297	MPS 2022 Control Valve Replacement	September 2021	2024	421,941	495,137	46,316	10%
00124619	LAS Sta. 15 Redwood Tank Replace	April 2024	2024	865,780	1,012,045	78,707	10%
00124452	SSF STA 1 Wildfire Booster Pump	February 2022	2024	717,300	850,776	65,209	10%
00125008	LAS Sta. 30 Redwood Tank Replace	April 2024	2024	851,341	992,776	77,395	10%
00124545	CSS PC Refresh 2024	March 2024	2024	708,852	736,114	64,441	10%
00124598	LAS Sta. 31 Redwood Tank Replace	January 2022	2026	1,012,658	1,131,615	92,060	10%
00125466	LAS 2023 Physical Security Upgrades	January 2023	2024	834,593	996,889	75,872	10%
DOM0900_2024	Meter Replacement Program	January 2024	2024	793,330	947,058	-	0%
00124544	CSS PC Refresh 2023	December 2022	2024	568,720	590,593	51,702	10%
00125051	LAS 28 Tank Mixing and Dosing	September 2021	2024	1,158,495	1,370,806	105,318	10%
134MRP24	KRV 2024 Main Replacement Program	January 2024	2024	697,494	845,567	63,409	10%
00124853	CSS Energy Efficiency - HVAC	November 2023	2024	792,522	909,862	132,087	20%
00125497	STK 2024 Physical Security Upgrades	May 2024	2024	791,922	926,267	71,993	10%
00123190	BK 116 PB & Building Replacement	January 2022	2025	1,164,345	1,317,836	186,258	20%
00123882	RD 2022 CARB Vehicle Replacement	August 2022	2024	706,505	725,730	64,228	10%
109MRP24	KC 2024 Main Replacement Program	January 2024	2024	650,033	780,789	59,094	10%
00123197	BK 2024 Poly Service Replacements	August 2024	2024	734,393	848,729	66,763	10%
105MRP24	DIX 2024 Main Replacement Program	January 2024	2024	625,640	757,457	56,876	10%
00123196	BK 2023 Poly Service Replacements	June 2023	2024	716,481	849,544	65,135	10%
00125482	PV 2023 Physical Security Upgrades	September 2023	2024	223,923	269,111	20,357	10%
117MRP24	SEL 2024 Main Replacement Program	January 2024	2024	568,354	677,434	51,669	10%
00125120	LAS Sta. 42 Tank Mixing and Dosing	June 2023	2025	1,148,983	1,333,649	104,453	10%
00124485	CSS Integrate Data- Dashboard Tool	September 2022	2024	568,720	590,593	51,702	10%
00124273	CSS PeopleSoft FS&PeopleTools Upgr.	January 2022	2024	542,180	563,032	49,289	10%
00124373	VIS 2022 - GAC Media Replacement	July 2022	2024	607,595	726,020	55,236	10%
00124496	CSS Zoom Video Conference	August 2024	2024	539,016	559,747	49,002	10%
00124843	HR 005 Tank Mix & Boost	May 2024	2024	443,399	521,012	65,547	20%
00124489	CSS Inventory Management System	May 2024	2024	531,336	551,772	48,303	10%
00124221	LAS STA 14 Wildfire New Pump & Main	June 2024	2024	630,227	752,782	105,038	20%
00124965	MPS-027 T1,T2,T3 Nitrification Cont	May 2023	2025	1,179,271	1,348,121	51,051	10%
00123881	SLN 039: As Treatmnt Plant - Design	December 2022	2025	71,028	82,394	11,838	20%
00124960	HR 023 Tank Mixing & Boosting	November 2023	2025	222,316	255,453	32,865	20%
00124699	CSS Customer Feedback Mngmt. System	October 2022	2024	549,763	570,907	49,978	10%
00125495	STK 2022 Physical Security Upgrades	July 2022	2024	611,472	715,204	55,588	10%
00124612	CSS UPS and Storage Replacement	April 2024	2024	517,774	537,688	47,070	10%
00123634	AV Wrigely Well Property Purch.	August 2022	2025	421,941	478,738	70,323	20%
00125423	BK 2024 Physical Security Upgrades	May 2024	2024	600,450	693,932	54,586	10%
00124776	HR 029 AMMONIA INJECTION	June 2024	2025	599,304	692,528	99,884	20%
00123617	LAS 2024 Control Valve Replacement	August 2024	2024	595,071	693,931	117,171	20%
00124896	STK Sta 85 Treatment Design	January 2022	2024	230,567	271,946	38,428	20%
00123734	CSS 2022 Vehicle Replacemnt Program	August 2022	2024	834,123	855,938	72,176	10%
00125094	LAS Sta. 111 Tank Mixing and Dosing	December 2022	2025	914,930	1,056,966	83,175	10%
00124815	CSS OPEN OFFICE ACOUSTICS	June 2024	2024	584,307	663,164	97,385	20%

[A]	[B]	[C]	[D]	[E]			
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00123898	LAS Wildfire Control Valves 2023	January 2023	2024	584,424	689,891	53,129	10%
00124667	CSS Meter Reading Handheld Replace	March 2022	2024	355,450	367,480	32,314	10%
00123616	LAS 2023 Control Valve Replacement	June 2023	2024	388,186	446,321	74,241	20%
00124993	SSF-14 Res 11 Nitrification Control	June 2024	2024	411,602	490,270	33,899	10%
00124140	LAS Wildfire Control Valves 2024	December 2023	2025	516,711	589,848	46,974	10%
00124349	MPS Sta 106 Slope Mitigation	March 2022	2024	565,401	659,074	94,234	20%
00124989	SC 106 Nitrification Control	June 2023	2025	1,018,565	1,169,722	92,597	10%
00124991	SC 123 Nitrification Control	December 2023	2026	531,000	608,337	48,273	10%
00124814	PV Station 49 Mixing and Dosing T-2	January 2023	2024	174,327	205,030	29,055	20%
00125414	BG 2022 Physical Security Upgrades	March 2023	2024	528,804	617,878	50,248	10%
00124978	CSS Energy Management System	September 2022	2024	299,163	341,187	49,861	20%
00124449	HR 029 Chemical Building	January 2023	2024	528,579	621,102	102,556	20%
00123799	BK 2024 Vehicle Replacemnt Program	March 2024	2024	504,398	533,365	45,854	10%
00124813	PV Station 37 Mixing and Dosing	January 2023	2024	155,103	182,420	25,850	20%
00123863	BK 2022 CARB VEHICLE REPLACEMENT	April 2022	2024	388,626	398,822	35,330	10%
00125047	LAN 001: New Production Meter	January 2023	2024	524,293	586,472	81,143	20%
00124743	VIS Property Purchase	February 2022	2024	542,920	648,740	49,356	10%
00124243	PV Sta 023 Rebuild Design	April 2022	2024	1,300,000	1,496,056	233,506	20%
00125647	RDV LUC 001 Pier Safety Upgrades	February 2022	2024	382,996	449,223	63,833	20%
00124112	ELA - Land Purchase	February 2022	2024	526,508	627,136	45,679	10%
00124313	SC Wildfire New Main 460 Zone	January 2022	2024	452,307	538,754	41,119	10%
00124181	PV 2024 Control Valve Overhaul	January 2024	2026	40,406	48,560	3,673	10%
HRD0900_2024	Meter Replacement Program	January 2024	2024	477,169	572,934	-	0%
00124442	SSF Wildfire 380 Zone SFPUC Conn.	January 2022	2025	500,003	570,503	45,455	10%
00124177	PV 2023 Control Valve Overhaul	January 2023	2024	497,046	597,350	45,186	10%
00124729	BK 045-T1 - Tank Roof Replacement	May 2022	2024	491,641	568,183	44,695	10%
00123839	SLN 071: Sta Rebuild - Design	April 2022	2027	600,000	678,274	100,000	20%
00124725	LIV 2023 Physical Security Upgrades	October 2023	2024	61,603	73,869	5,589	10%
BKD0900_2024	Meter Replacement Program	January 2024	2024	437,925	527,027	-	0%
00124259	MRL 010-T2 - Seismic Retrofits	July 2024	2024	358,650	425,472	32,604	10%
00123614	LAS 2022 Control Valve Replacements	February 2022	2024	387,632	463,012	76,291	20%
113MRP24	ORO 2024 Main Replacement Program	January 2024	2024	391,127	468,187	35,557	10%
00125415	BG 2023 Physical Security Upgrades	September 2023	2024	117,300	139,725	14,104	10%
00123739	CSS 2024 Vehicle Replacement Progrm	July 2024	2024	412,974	428,857	37,543	10%
00123193	BK 148 PB & Building Replacement	January 2023	2024	461,752	542,523	73,871	20%
00125644	PV Wildfire Zone H-1300 NewMain-PRV	February 2022	2024	311,360	374,192	51,893	20%
00126485	2024 ELA 63 Carbon Change Outs	January 2024	2024	441,230	528,229	40,112	10%
00124281	PVD 2024 Control Valve Replacem.	January 2024	2024	384,605	462,218	34,964	10%
00123954	VIS 23 Panelboard & Gen Set	February 2022	2024	457,136	546,236	41,558	10%
00124232	PV Sta 014 Rebuild - Design	April 2022	2026	550,000	645,031	98,791	20%
00126484	2023 ELA 63 Carbon Change Outs	September 2023	2024	430,468	506,229	39,134	10%
00124311	STK STA 71 Panel and Genset Install	February 2023	2027	427,390	481,535	38,945	10%
PVD0900_2024	Meter Replacement Program	January 2024	2026	408,376	490,786	-	0%
00126088	TAB Backflow Device Replacement	January 2024	2024	366,287	437,317	33,299	10%

[A]		[B]		[C]		[D]	[E]
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00126086	TAB Backflow Device Replacement	March 2025	2024	388,660	453,023	35,840	10%
00126483	2022 ELA 63 Carbon Change Outs	August 2023	2024	485,232	570,631	44,112	10%
00123957	BG Sta. 23 Panelboard Replacement	April 2023	2026	422,251	484,800	38,386	10%
146MRP24	RDV 2024 Main Replacement Program	January 2024	2024	361,519	438,341	32,865	10%
00124968	CSS-SC RCC PHASE 2 OFFICE SP. BUILD	January 2022	2024	412,889	470,013	65,923	20%
00125128	LAS Sta. 41 Tank Mixing and Dosing	January 2023	2025	974,455	1,125,731	88,587	10%
00124970	MPS-029 T1 Nitrification Control	March 2023	2025	718,143	822,946	65,158	10%
00123709	SSF 005 Panelboard Replacement	July 2023	2026	399,903	454,209	44,051	10%
00123781	STK 2023 Vehicle Replacement Progrm	February 2023	2024	376,926	396,782	34,266	10%
00124690	LIV 2022 Physical Security Upgrades	October 2022	2024	404,196	484,672	36,772	10%
00125395	HR 2024 Vault Safety & Ops Imprvmnt	January 2024	2024	296,582	350,199	24,426	10%
00124379	HR SCADA and Meters HR-PV	September 2022	2026	371,292	428,017	33,186	10%
00124292	STK STA 66-02 Panelboard Replacemnt	May 2023	2025	412,093	478,261	42,550	10%
00123935	BG Sta. 20 Panelboard Replacement	October 2023	2025	407,747	473,174	37,068	10%
00124432	Arden 007 Partial Rebuild	April 2024	2025	389,030	446,857	34,316	10%
00125493	SLN 2023 Physical Security Upgrades	October 2023	2024	61,603	73,525	5,600	10%
00124264	Oroville WSFMP	April 2024	2024	375,379	439,736	34,125	10%
00123766	RD 2023 Vehicle Replacement Program	February 2023	2024	360,190	377,784	32,745	10%
00124399	BG Wildfire Pmp Sta Knags Mt-Design	January 2023	2024	736,000	876,707	121,890	20%
00124118	VIS 2024 Flowmeter Replacement	November 2023	2024	375,773	449,014	47,858	20%
00124407	ELA Sta. 55 Panelboard Replacement	January 2024	2026	354,195	403,083	32,200	10%
00123711	RDV COS 7 New Generator	April 2022	2026	379,046	397,154	34,459	10%
00125491	SLN 2022 Physical Security Upgrades	August 2022	2024	320,878	382,972	29,171	10%
00123899	BK 212 Panelboard Replacement	July 2024	2026	352,586	414,261	32,550	10%
00123864	BK 162 Panelboard Replacement	April 2023	2025	382,172	448,776	35,282	10%
00124805	CSS Next Generation Vulnerab. Scan	January 2022	2024	312,796	324,826	28,436	10%
00123966	CH 2024 Flowmeter Replacement	July 2023	2024	357,683	427,830	46,504	20%
00124079	ELA Main Replcmnt Fwy Crossing-Dsgn	February 2022	2024	387,321	455,488	64,554	20%
00124611	CSS 2024 SCADA Server Replacement	May 2024	2024	303,100	314,757	27,555	10%
00124689	VIS 201-PT1 - Pressure Vessel Rplcm	March 2022	2025	363,705	416,222	33,064	10%
00124300	WIL 007-01 Well Renewal	January 2022	2024	329,097	396,741	29,918	10%
00123960	SLN Sta 57 Panelboard Replacement	March 2024	2026	331,607	381,987	30,483	10%
00124768	LIV 2024 Physical Security Upgrades	May 2024	2024	375,980	440,145	35,426	10%
00124601	CSS 2024 Network Hardware Replacem.	April 2024	2024	300,547	312,106	27,322	10%
00124364	BK 2023 GAC Media Replacement	April 2023	2024	447,116	511,059	38,791	10%
SMD0900_2024	Meter Replacement Program	January 2024	2024	337,121	401,553	-	0%
00123714	RDV COS- Design and Permit New Well	February 2022	2027	675,629	677,363	71,777	10%
00124609	CSS 2023 SCADA Server Replacement	August 2023	2024	325,118	337,623	29,556	10%
00124605	CSS SCADA Server & Network Replace	August 2022	2024	331,754	344,513	30,159	10%
00124576	CSS 2023 Network Hardware Replacmt.	March 2023	2024	350,711	364,199	31,883	10%
00124330	LAS Station 30 New Generator	April 2023	2026	348,376	395,779	31,671	10%
00125393	HR 2022 Vault Safety & Ops Imprvmnt	August 2022	2024	333,333	388,062	28,843	10%
00123684	BK Sta 146-04 Wildfire Generator	March 2023	2026	347,520	401,083	31,593	10%
00125510	MPS 2022 Physical Security Upgrades	March 2023	2024	345,096	402,269	31,372	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123964	CH 2023 Flowmeter Replacement	April 2023	2024	359,129	422,175	47,543	20%
00124775	SLN 033-PT1 Pressure Vessel Rplcmnt	March 2022	2024	653,078	770,575	59,371	10%
00123936	BK 116-PT1 Pressure Vessel Replace	October 2022	2025	339,348	391,651	30,850	10%
00124820	BK 2024 NEWTP Filter Modules	January 2024	2024	337,553	397,553	26,531	10%
00123598	DOM 2024 Control Valve Replacement	January 2024	2024	328,672	392,361	17,815	10%
00124251	Chico WSFMP	March 2024	2024	311,674	372,798	28,334	10%
00124261	Livermore WSFMP	January 2023	2025	311,674	365,744	28,334	10%
00123528	LAS 118-PT1 - Pressure Vessel Rplcm	March 2022	2026	449,393	512,998	39,525	10%
00125394	HR 2023 Vault Safety & Ops Imprvmnt	May 2023	2024	327,426	377,295	27,641	10%
00123890	HR Station 4 Panelboard Replacement	March 2024	2026	317,797	369,438	28,891	10%
VIS0900_2024	Meter Replacement Program	January 2024	2024	322,228	385,033	-	0%
00124288	LAS 104-02: Well Renewal	January 2024	2024	295,626	353,113	32,986	10%
00124013	SLN STA 61 Panelboard Replacement	March 2024	2026	309,634	358,320	26,546	10%
00125500	VIS 2023 Physical Security Upgrades	April 2023	2024	61,603	73,610	5,600	10%
00124819	BK 2023 NEWTP Filter Modules	December 2024	2024	337,553	397,553	27,194	10%
00123268	STK Mainline Flushing	January 2024	2024	312,020	328,456	28,365	10%
00124113	VIS 2023 Flowmeter Replacement	February 2023	2024	329,114	392,327	42,020	20%
00124268	Visalia WSFMP	March 2024	2024	311,674	372,422	28,334	10%
00124774	SLN 060-PT1 - Pressure Vessel Rplcm	January 2024	2024	327,522	390,902	29,775	10%
00123707	SLN 303-PT1 - Pressure Vessel Rplcm	January 2024	2024	327,522	390,902	26,974	10%
00124342	LAS STA 42 Wildfire Bstr Pmps-Dsgn	January 2023	2024	348,115	415,810	58,019	20%
00123897	LAS Sta. 33 Paneboard Replacement	August 2024	2024	305,517	355,520	27,774	10%
00123932	SLN Sta 47 Genset Installation	March 2023	2026	315,771	362,907	22,263	10%
00124255	Dominguez WSFMP	January 2026	2026	307,488	358,366	27,954	10%
00124257	Hermosa Redondo WSFMP	January 2026	2026	307,488	360,443	27,954	10%
00124256	East Los Angeles WSFMP	January 2026	2026	307,488	359,386	27,954	10%
00124265	Palos Verdes WSFMP	January 2026	2024	307,488	354,869	27,954	10%
00124142	LIV 2022 Flowmeter Replacement	April 2023	2024	324,078	388,602	42,937	20%
00123963	CH 2022 Flowmeter Replacement	July 2022	2024	210,970	246,148	27,957	20%
00124473	CSS Automate HR Bidding Process	April 2024	2024	293,839	305,140	26,713	10%
00124817	CSS ADDITIONAL EV CHARGERS	December 2022	2024	324,680	372,411	54,113	20%
00124110	VIS 2022 Flowmeter Replacement	July 2022	2024	331,237	392,979	42,255	20%
00123695	LIV028-PT2 Pressure Vessel Rplcmnt	October 2022	2025	506,329	586,274	46,030	10%
00123422	LAS Sta. 14 Panelboard Replacement	February 2022	2026	520,084	595,115	47,280	10%
00124236	CH 32 Panelboard Replacement	March 2024	2026	300,483	348,303	27,317	10%
00124034	SLN STA 304 Panelboard Installation	May 2023	2026	318,484	361,795	27,869	10%
00124356	Stockton Reliability Study	May 2022	2024	300,611	336,905	27,328	10%
00124254	LAS Station 17 New Generator	April 2024	2026	293,388	340,525	26,672	10%
129MRP24	AV 2024 Main Replacement Program	January 2024	2024	275,348	314,728	25,032	10%
00124434	KRV Arden 012 Station Rebuild	March 2022	2024	295,359	341,740	25,425	10%
00124262	BK 047-02 Well Liner Installation	March 2023	2024	309,502	355,060	28,137	10%
00123706	SLN 040-PT1 - Pressure Vessel Rplcm	October 2022	2025	506,329	588,703	46,030	10%
00123797	VIS 077-PT1 - Pressure Vessel Rplcm	March 2022	2024	506,329	594,963	46,030	10%
00124302	BK 079-01 Well Renewal	December 2023	2025	322,836	379,307	29,349	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00124154	LIV 2024 Flowmeter Replacement	August 2023	2024	241,962	290,136	32,093	20%
00124441	ELA Sta. 59 Panelboard Replacement	January 2024	2026	291,998	332,301	26,545	10%
00123783	STK 2024 Vehicle Replacement Progm	April 2024	2024	286,556	301,651	26,536	10%
00124211	CH 54 New Generator and ATS	August 2023	2026	285,980	329,032	25,998	10%
00124703	CSS LIMS Software Enhancements	August 2024	2024	280,763	291,561	25,524	10%
00123929	FMT 001-PT1 - Pressure Vessel Rplcm	April 2022	2024	445,695	512,090	40,518	10%
00125088	CSS RO Model Improvements	July 2023	2024	278,460	285,315	25,315	10%
00123683	CH 065-PT1 - Pressure Vessel Rplcmn	March 2022	2024	441,698	519,240	40,154	10%
00126482	2024 ELA 62 Carbon Change Outs	August 2024	2024	306,530	366,970	27,866	10%
00124299	VIS 014-01 Well Renewal	February 2023	2024	291,073	342,851	26,461	10%
00124500	DOM WB 14 connection overhaul	October 2023	2024	228,447	267,077	19,285	10%
00123724	CH 2024 Vehicle Replacement Progm	November 2023	2024	281,834	296,199	25,621	10%
00123708	SLN 304-PT1 - Pressure Vessel Rplcm	November 2022	2025	506,329	588,703	46,030	10%
00124146	LIV 2023 Flowmeter Replacement	July 2023	2024	300,568	352,710	38,855	20%
00123641	MPS Station 29 Replace Generator	April 2023	2026	315,453	361,397	36,046	10%
00124771	SLN 057-PT1 - Pressure Vessel Rplcm	April 2022	2024	506,329	602,934	46,030	10%
00124444	DOM PRV/Vault @ 1610 E. Sepulveda	May 2023	2024	230,380	275,022	20,066	10%
00124368	ELA Sta. 12 Panelboard Replacement	March 2022	2025	399,868	460,195	36,352	10%
00124279	LAS Sta 38 Wildfire New Main & PRV	January 2023	2024	383,893	458,545	34,899	10%
00126481	2023 ELA 62 Carbon Change Outs	June 2023	2024	299,053	351,685	27,187	10%
00126031	ISDC 11C broken valve replacement	November 2023	2024	296,203	353,642	26,928	10%
00124272	FMT Sta. 1 Panelboard Replacement	June 2024	2026	274,687	302,684	24,971	10%
00123411	DOM Sta 279 Sta Rebuild - Design	January 2023	2024	1,896,165	2,209,910	293,463	20%
00123415	DOM Sta 298 Sta Rebuild - Design	January 2023	2024	1,928,041	2,247,061	298,396	20%
00126480	2022 ELA 62 Carbon Change Outs	March 2022	2024	367,089	431,695	33,372	10%
00123506	LIV Sta 8 New Booster Sta - Design	January 2023	2024	1,273,984	1,491,404	212,322	20%
00124093	LAS STA 008 Wildfire New Generator	April 2023	2026	292,825	333,470	26,620	10%
00126030	ISDC 11B	May 2022	2024	319,831	381,853	29,076	10%
00123768	RD 2024 Vehicle Replacement Program	May 2024	2024	265,887	278,875	24,172	10%
00124336	LAS Station 31 New Generator	April 2023	2026	289,229	328,584	-	0%
00124856	CSS Replace Building Eaves	December 2023	2024	297,671	344,293	49,612	20%
00124314	LAS 27 New Generator	March 2024	2027	263,204	294,122	23,928	10%
00124120	KC STA 14 Generator Installation	March 2024	2026	269,036	314,608	24,457	10%
00124502	DOM WB 36 connection overhaul	February 2024	2024	206,920	245,881	17,278	10%
00124150	WLK Sta. 6 Tank Mixing	August 2022	2025	265,867	307,152	24,170	10%
00125022	STK 2023 SB1398 Service Replacement	January 2023	2024	280,755	323,008	23,701	10%
00124503	DOM WB 39 connection overhaul	June 2024	2024	205,148	243,775	16,819	10%
00124383	MPS El Camino Real Main Connection	January 2022	2024	387,786	452,124	64,631	20%
00124483	CSS Digitize Hist. Personnel Rec.	January 2024	2024	234,597	243,620	21,327	10%
00123503	LIV 34 New 2,000 gal. Press. Tank	January 2022	2025	464,135	530,182	77,356	20%
00125501	VIS 2024 Physical Security Upgrades	June 2024	2024	278,869	333,223	25,352	10%
00125547	AV-LAN 001 Generator Replacement	July 2023	2026	270,464	299,576	24,588	10%
00124269	LAS Station 119 New Generator	May 2023	2026	279,842	320,980	25,440	10%
00124151	WLK Sta. 7 Tank Mixing	September 2023	2025	264,483	305,553	24,044	10%

[A]	[B]	[C]	[D]	[E]			
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00125025	BAY SM STA 028 Wildfire Generator	January 2024	2026	257,890	299,894	27,541	10%
00125020	STK 2022 SB1398 Service Replacement	January 2022	2024	273,907	320,374	23,701	10%
00123825	HR 2024 Control Valve Replacement	January 2024	2024	271,011	318,449	14,963	10%
00124076	LIV Crane Ridge 001 New Generator	March 2023	2025	275,517	320,737	25,047	10%
00124298	VIS 012-01 Well Renewal	January 2022	2024	248,324	296,725	22,575	10%
00123796	SSF STA 101 Wildfire Generator	January 2024	2026	253,652	293,716	27,541	10%
00123924	VIS 72 Generator Installation	May 2024	2026	250,100	284,938	22,736	10%
00123916	VIS 62 Generator Installation	February 2023	2024	266,799	315,016	24,255	10%
00123930	VIS 81 Generator Installation	May 2024	2026	248,320	284,264	22,575	10%
00123848	BAY SM STA 012 Wildfire Generator	April 2023	2025	266,611	310,782	28,673	10%
00124274	PV 2023 Control Valve Replacement	October 2022	2024	295,359	354,962	26,851	10%
STK0900_2024	Meter Replacement Program	January 2024	2024	255,426	306,015	-	0%
00124026	SLN STA 205 Wildfire New Generator	February 2023	2024	267,992	319,852	29,742	10%
00124857	CSS Access Control System	January 2023	2024	244,272	282,531	38,094	20%
00123721	BK 148 Generator Replacement	March 2024	2026	245,806	287,099	22,512	10%
00124226	ELA Vacuum Truck Replacement	May 2024	2024	224,165	235,203	19,448	10%
00123876	LAS 2022 CARB Vehicle Replacement	December 2022	2024	241,102	253,041	21,918	10%
00124923	STK Outfitt Hydrant Foreman Equip.	January 2023	2024	293,123	308,564	26,647	10%
00124306	BK 042-02 Well Renewal	January 2024	2024	259,093	304,414	23,554	10%
00124293	LIV 020-01: Well Renewal	August 2024	2025	253,165	297,084	23,015	10%
00123824	HR 2023 Control Valve Replacement	February 2023	2024	253,165	303,974	14,081	10%
00123180	BK 150 Surge Tank	October 2022	2024	310,619	358,495	28,238	10%
00123181	BKNG 219 Surge Tank	October 2022	2024	301,901	349,272	27,446	10%
00124092	HR 005 Sta Rebuild - Design	March 2023	2025	265,958	312,512	45,794	20%
00125511	SSF 2022 Physical Security Upgrades	March 2023	2024	255,740	297,394	23,249	10%
00124333	ARM 001 New Genset	July 2023	2026	252,104	287,422	22,919	10%
00123982	SLN STA 058 Wildfire New Generator	March 2023	2024	228,442	268,298	20,732	10%
00123850	BK 156 Generator Replacement	February 2023	2026	265,823	306,794	24,216	10%
00124237	CH Routine GAC Changeouts 2024	January 2024	2024	400,023	478,473	36,315	10%
00124267	Stockton WSFMP	July 2024	2025	229,267	268,160	20,842	10%
00124253	Dixon WSFMP	January 2023	2025	229,267	271,641	20,842	10%
BGD0900_2024	Meter Replacement Program	January 2024	2024	237,667	283,104	-	0%
00124492	CSS SCADA security system	October 2023	2024	236,967	242,800	21,542	10%
00124479	ELA Sta. 12 Genset Replacement	April 2022	2025	332,515	380,712	30,229	10%
00124424	SC-117 Sta Rebuild - Design	February 2023	2024	286,672	338,571	50,260	20%
00123194	BK 23 Building Replacement	March 2023	2025	245,870	288,720	39,257	20%
00124234	CH GAC Changeouts 2023-Sta 21&46	March 2023	2024	209,511	243,830	19,046	10%
00123926	ELA 12 Pressure Tank	January 2022	2024	522,529	614,492	47,503	10%
00123785	VIS 2023 Vehicle Replacement Progrm	February 2023	2024	225,917	237,192	20,538	10%
00123784	VIS 2022 Vehicle Replacement Progrm	January 2022	2024	197,156	206,996	17,923	10%
00123597	DOM 2023 Control Valve Replacement	November 2022	2024	240,315	285,564	13,282	10%
00124209	STK DIST OFC Genset Installation	April 2023	2026	244,144	280,391	21,967	10%
00123913	LAS Sta. 117 Rebuild - Design	February 2023	2026	210,970	240,254	35,626	20%
00125494	SLN 2024 Physical Security Upgrades	January 2024	2024	244,515	291,832	22,229	10%

[A]	[B]	[C]	[D]	[E]			
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00125507	KRV 2023 Physical Security Upgrades	May 2023	2024	129,430	151,915	11,766	10%
00124501	DOM WB 35 connection overhaul	April 2024	2024	173,080	205,670	15,290	10%
00125453	HR 2023 Physical Security Upgrades	December 2023	2024	61,603	72,127	5,600	10%
00124294	ORO 010-01 Well Renewal	January 2022	2024	209,327	250,568	19,030	10%
00124682	CSS Cust. Serv. Analytics Software	January 2024	2024	206,635	214,582	18,785	10%
00124429	HR 027 Sta Rebuild - Design	February 2023	2024	281,542	338,047	48,377	20%
00125649	KRV Vault Retrofit Project	June 2022	2024	337,553	399,508	30,686	10%
00124351	Livermore Reliability Study	May 2022	2024	227,253	259,591	20,659	10%
00123185	BK 87 Station Rebuild - Design	January 2023	2024	1,195,204	1,404,272	199,201	20%
00125508	KRV 2024 Physical Security Upgrades	January 2024	2024	69,573	84,343	6,325	10%
LAS0900_2024	Meter Replacement Program	January 2024	2024	215,809	257,775	-	0%
SLN0900_2024	Meter Replacement Program	January 2024	2024	215,182	256,823	-	0%
00124304	MRL 009-01 Well Renewal	July 2024	2024	204,620	238,004	18,602	10%
00123608	KRV 2022 Control Valve Replacement	April 2022	2024	143,460	167,768	14,946	10%
00124824	BK NEWTP CIP Neutralization Tank	December 2024	2024	189,873	228,506	30,316	20%
00123292	BAY 2023 Vehicle Replacement Progm	November 2022	2024	196,209	203,610	17,743	10%
00125451	HR 2022 Physical Security Upgrades	May 2023	2024	210,970	241,151	19,179	10%
00124482	DOM WB 21 connection overhaul	October 2023	2024	204,289	243,315	17,246	10%
CHD0900_2024	Meter Replacement Program	January 2024	2024	198,102	236,953	-	0%
00123284	BAY 2022 Vehicle Replacement Progm	March 2022	2024	190,568	199,446	17,324	10%
00123619	RDV-COS - Well Housing (Various)	January 2024	2024	203,700	200,764	18,518	10%
00124465	DOM WB 10 connection overhaul	June 2023	2024	201,916	240,489	17,472	10%
ELA0900_2024	Meter Replacement Program	January 2024	2024	192,560	230,528	-	0%
00125458	HR 2024 Physical Security Upgrades	May 2024	2024	200,256	230,900	18,205	10%
00124339	HR 026 Sta Rebuild - Design	March 2023	2024	205,818	247,124	35,439	20%
00124633	CSS Portable Booster Pumps	January 2024	2024	105,734	124,964	-	0%
00123765	RD 2022 Vehicle Replacement Program	February 2022	2024	178,361	183,214	16,215	10%
00123510	BK Tank Exterior Ladder Lifelines	August 2022	2025	190,802	218,752	17,346	10%
00124296	SEL 011-01 Well Renewal	January 2023	2024	190,307	218,567	17,301	10%
00123611	KRV 2024 Control Valve Replacement	February 2024	2024	126,582	152,912	12,591	10%
00123529	ELA 2023 Control Valve Replacement	February 2023	2024	135,021	157,967	7,635	10%
00125499	VIS 2022 Physical Security Upgrades	June 2022	2024	175,503	209,710	15,955	10%
00124822	BK NEWTP Traveling Screen Rebuild	November 2024	2024	113,924	137,104	9,884	10%
00123662	BK 176-T2 - Seismic Retrofit	March 2024	2024	189,873	222,964	17,261	10%
00123441	BK 2023 Control Valve Replacements	January 2023	2024	198,312	230,918	10,857	10%
00124163	SLN 2022 Flowmeter Replacements	September 2022	2024	191,134	227,081	25,793	20%
00123574	BG 2022 Control Valve Replacement	April 2022	2024	210,970	247,573	41,530	20%
00125551	SLN 2024 Vault replacement	January 2024	2024	178,951	211,147	32,466	20%
00126095	TAB Station 1 Vault Replacement	July 2023	2024	126,582	149,037	11,508	10%
00125481	PV 2022 Physical Security Upgrades	July 2022	2024	175,527	210,949	15,957	10%
00123979	CH 050 Station Rebuild - Design	January 2023	2024	178,677	213,718	29,780	20%
00123159	BK 2022 Vehicle Replacement Program	January 2022	2024	165,843	170,195	15,077	10%
00125512	SSF 2023 Physical Security Upgrades	September 2023	2024	89,451	104,271	8,132	10%
00124508	KRV SM 005 Sta Rebuild - Design	June 2023	2024	500,874	592,805	83,479	20%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123776	SLN 2024 Vehicle Replacement Progm	January 2024	2024	163,722	171,692	14,884	10%
00125550	SLN 2023 Vault replacement	January 2023	2024	162,025	190,294	29,395	20%
SSF0900_2024	Meter Replacement Program	January 2024	2024	166,275	198,055	-	0%
00125542	SLN 2022 Vault Replacements	July 2022	2024	160,338	191,365	29,089	20%
00126120	TAB 2022 Hydrant Replacement	November 2023	2024	172,686	202,844	15,699	10%
00123478	LIV 2022 Control Valve Replacement	June 2022	2024	174,133	206,029	33,000	20%
00123720	BG 2024 Vehicle Replacement Program	January 2024	2024	157,061	164,385	14,278	10%
00125065	CSS GPS Basestations	September 2022	2024	154,143	160,071	-	0%
00124291	BK 040-02 - Replace Pump & Motor	September 2022	2024	211,425	248,439	19,220	10%
00125477	ORO 2022 Physical Security Upgrades	October 2022	2024	179,720	215,128	15,800	10%
00125486	SEL 2024 Physical Security Upgrades	May 2024	2024	165,895	193,044	15,082	10%
00124413	WLK 2024 Flowmeter Replacement	January 2024	2024	163,562	190,158	9,230	10%
00125440	DOM 2022 Physical Security Upgrades	August 2022	2024	163,713	191,261	14,883	10%
00124295	BK 134-01 - Replace Pump & Motor	June 2022	2024	225,295	264,736	20,481	10%
00124062	ELA 2022 Flowmeter Replacement	July 2022	2024	126,582	151,541	8,599	10%
LIV0900_2024	Meter Replacement Program	January 2024	2024	155,487	186,444	-	0%
00124127	STK 2024 Flowmeter Replacements	January 2024	2024	158,577	185,479	20,511	20%
00125425	CH 2023 Physical Security Upgrades	September 2023	2024	188,788	220,821	20,004	10%
00126493	2024 VIS 77 Carbon Change Outs	January 2024	2024	157,246	187,894	14,295	10%
00126470	2024 BK Carbon Change Outs	May 2024	2024	156,272	188,068	14,207	10%
00123413	MPS Tank Exterior Ladder Lifelines	August 2022	2024	189,453	225,662	17,223	10%
00124509	KRV 005-T1 Tank Mixing	March 2023	2024	124,382	150,787	11,307	10%
00124478	HR Via Colusa PBC	January 2022	2024	144,305	173,267	24,051	20%
00124252	SLN 2023 Additional Valve Truck	January 2023	2024	143,167	150,137	13,015	10%
00124123	STK 2023 Flowmeter Replacements	June 2024	2024	154,127	180,708	18,041	10%
00123716	BG 2022 Vehicle Replacement Program	March 2022	2024	146,919	153,771	13,356	10%
00124751	STK STA 75 GAC Media Replacment	January 2023	2024	154,556	185,167	14,023	10%
00123903	MPS 2023 Flowmeter Replacement	May 2023	2024	111,392	127,374	14,795	20%
00124033	LIV Turnout 6 RTU Install	January 2024	2024	148,372	172,724	20,271	20%
00126492	2023 VIS 77 Carbon Change Outs	January 2023	2024	153,410	183,311	13,946	10%
00124166	SLN 2023 Flowmeter Replacement	September 2023	2024	159,537	188,240	20,341	20%
00125465	LAS 2022 Physical Security Upgrades	October 2022	2024	145,235	173,477	13,203	10%
00126467	2023 BK 49 Carbon Change Outs	January 2023	2024	152,460	179,560	13,860	10%
00124345	Dixon Reliability Study	May 2022	2024	143,306	167,549	13,028	10%
00124352	Marysville Reliability Study	February 2023	2024	152,443	177,314	13,858	10%
00124353	Oroville Reliability Study	February 2023	2024	152,443	177,885	13,858	10%
00124344	Chico Reliability Study	February 2023	2024	152,443	182,339	13,858	10%
00124121	STK 2022 Flowmeter Replacement	July 2023	2024	149,816	179,488	17,515	10%
00123999	LIV Turnout 5 RTU Install	May 2023	2025	167,174	190,442	22,840	20%
00123610	KRV 2023 Control Valve Replacement	February 2023	2024	113,080	133,210	10,056	10%
00123260	STK STA 66-02 Roof Replacement	November 2022	2024	153,586	179,642	25,598	20%
00123794	MPS 2022 Flowmeter Replacement	April 2023	2024	111,392	131,278	14,446	20%
00123976	DOM 2024 Flowmeter Replacement	August 2024	2024	139,626	166,683	8,191	10%
00124343	Antelope Valley Reliability Study	January 2025	2025	134,870	150,865	12,261	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00125439	DIX 2023 Physical Security Upgrades	September 2023	2024	61,603	74,583	610	0%
00124346	Dominguez Reliability Study	March 2024	2024	136,141	162,521	12,376	10%
00124347	East Los Angeles Reliability Study	March 2024	2024	136,141	162,984	12,376	10%
00124348	Hermosa Redondo Reliability Study	March 2024	2024	136,141	163,463	12,376	10%
00124357	Westlake Reliability Study	March 2024	2024	136,141	158,277	12,376	10%
00124354	Palos Verdes Reliability Study	November 2023	2024	136,141	163,614	12,376	10%
00124064	ELA 2024 Flowmeter Replacement	July 2024	2024	160,338	191,952	10,047	10%
00124350	Kern River Valley Reliability Study	October 2021	2024	146,451	177,542	13,314	10%
00123733	ELA 2024 Vehicle Replacemnt Program	May 2024	2024	135,862	142,913	12,351	10%
00125483	PV 2024 Physical Security Upgrades	May 2024	2024	146,780	176,400	13,344	10%
00125424	CH 2022 Physical Security Upgrades	March 2023	2024	101,266	118,449	9,206	10%
00124378	VIS 2024 GAC Media Replacement	December 2023	2024	146,341	174,864	13,304	10%
00123623	RDV HKN Sta 1 - Upgrade - Design	February 2022	2025	217,196	252,760	36,199	20%
00123886	Davis Rd Bridge 12" Pipe Provisions	January 2022	2024	140,025	167,122	-	0%
00124063	ELA 2023 Flowmeter Replacement	March 2024	2024	168,776	201,544	10,287	10%
00124754	CSS Recycled Water Strategic Plan	May 2024	2024	136,305	161,096	12,391	10%
00123961	BK 2023 Flowmeter Replacements	March 2023	2024	152,743	178,398	9,057	10%
00123962	BK 2024 Flowmeter Replacements	January 2024	2024	141,191	169,918	8,877	10%
00124266	Redwood Valley WSFMP	March 2024	2024	125,078	148,417	11,371	10%
00124510	Kernville 006-T1 Tank Mixing	March 2022	2024	122,173	148,110	11,107	10%
00124171	MPS 2024 Control Valve Overhaul	January 2024	2024	40,406	48,128	3,673	10%
00126347	ELA Replace V208165	December 2022	2024	129,100	135,800	12,030	10%
00123743	DOM 298-01 Replace Pump & Motor	January 2023	2024	135,749	162,054	12,341	10%
00123481	LIV 2024 Control Valve Replacement	January 2024	2024	129,393	151,840	22,871	20%
00124249	MPS 027-T2 - Tank Retrofits	January 2025	2025	134,618	156,921	12,238	10%
00124179	HR 2022 Flowmeter Replacement	April 2023	2024	134,177	157,098	8,278	10%
00123526	KRV Tank Exterior Ladder Lifelines	August 2022	2024	134,093	157,962	12,190	10%
00124170	MPS 2023 Control Valve Overhaul	February 2023	2024	40,406	47,721	3,673	10%
00125018	MRL 2023 SB1398 Service Replacement	January 2023	2024	131,019	156,097	11,060	10%
00125118	LUC Field Yard Land Acquisition	January 2022	2024	133,143	157,162	12,104	10%
00124056	ELA Relocate Existing Control Valve	January 2022	2024	128,950	150,865	11,723	10%
00124949	SC and SM Nitrification Evaluation	August 2023	2024	127,490	151,857	24,087	20%
00124263	Marysville WSFMP	January 2023	2025	119,122	138,556	10,829	10%
00125535	MPS 2024 SB1398 Service Replacement	January 2024	2024	127,695	152,101	10,348	10%
00124552	CSS 2024 Website Enhancements	January 2024	2024	104,265	108,275	9,479	10%
00124283	LAS 039-01: Well Renewal	January 2023	2024	214,961	250,745	19,542	10%
00123141	BG Tank Exterior Ladder Lifelines	August 2022	2024	84,388	98,816	7,672	10%
00124258	Kern River Valley WSFMP	January 2025	2025	113,166	134,259	10,288	10%
00124250	Antelope Valley WSFMP	January 2027	2027	113,166	124,216	10,288	10%
00124433	KRV Arden 009 Sta Rebuild - Design	March 2023	2024	250,869	296,914	41,812	20%
00123751	STK 069-A Replace Pump & Motor	March 2023	2024	67,511	80,882	6,137	10%
00124143	VIS 083-01 - Replace Pump & Motor	April 2023	2024	125,104	147,004	11,373	10%
00124826	BK NWWTP Algal Toxin Study	November 2023	2024	125,667	151,235	10,903	10%
00125127	KC 010: New Bladder Tank	January 2022	2024	460,237	545,090	41,840	10%

[A]		[B]		[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00125533	SSF 2023 SB1398 Service Replacement	January 2023	2024	124,581	148,391	10,348	10%
00124700	CSS Compliance Monitorng Analytics	January 2022	2024	104,015	108,016	9,456	10%
00123925	BK 2022 Flowmeter Replacement	September 2022	2024	210,970	247,156	29,379	20%
00125448	ELA 2024 Physical Security Upgrades	May 2024	2024	123,709	148,101	5,188	10%
00124191	STK 60-01 - Replace Pump & Motor	November 2021	2024	135,021	159,252	12,275	10%
00125664	SLN 2024 Toro Park hydrant replace	January 2024	2024	75,949	90,440	6,904	10%
00125513	SSF 2024 Physical Security Upgrades	June 2024	2024	122,564	145,990	11,142	10%
00125531	MPS 2022 SB1398 Service Replacement	January 2023	2024	121,542	144,772	10,348	10%
00124205	BG 2024 Control Valve Overhaul	January 2024	2024	40,406	48,131	3,673	10%
00124390	Willows Reliability Study	February 2023	2024	121,778	143,327	11,071	10%
00124828	BK NEWTP Algal Toxin Study	November 2023	2024	100,149	120,526	8,689	10%
00125489	SLN 2023 Toro Hydrant Replacement	August 2023	2024	75,949	90,647	6,904	10%
00125478	WLK 2022 Physical Security Upgrades	September 2022	2024	118,722	138,711	10,793	10%
00124204	BG 2023 Control Valve Overhaul	March 2023	2024	40,406	47,416	3,673	10%
00123630	DOM 277-T1 - Seismic Retrofit	April 2024	2024	118,143	139,093	10,740	10%
00125485	SEL 2022 Physical Security Upgrades	October 2022	2024	132,489	154,489	10,961	10%
00125502	WIL Physical Security Upgrades	January 2023	2024	113,809	137,202	11,304	10%
00124636	VIS Elev Tanks Seismic/Geotech Stud	November 2021	2024	138,481	163,115	12,589	10%
00123770	RDV 2023 Vehicle Replacement Progrm	January 2023	2024	104,398	111,222	9,491	10%
00123397	LAS Tank Exterior Ladder Lifelines	August 2022	2024	128,413	153,385	11,674	10%
00125436	DIX 2022 Physical Security Upgrades	August 2022	2024	112,965	136,765	10,270	10%
00125189	BAY-SC 2022 Sample Site	January 2024	2024	112,220	133,668	18,703	20%
00124428	KRV Kernville 001 Repl AP6 Filters	April 2024	2024	104,112	126,215	9,465	10%
00125479	WLK 2023 Physical Security Upgrades	September 2023	2024	61,603	70,588	5,600	10%
00123580	BG 2024 Control Valve Replacement	January 2024	2024	109,558	130,503	21,427	20%
00125496	STK 2023 Physical Security Upgrades	October 2023	2024	61,603	70,546	5,600	10%
00124198	CH 2024 ADDITIONAL TRUCK	January 2024	2024	101,912	107,106	9,265	10%
00124409	CSS 2024 AM Large Tools	March 2024	2024	101,383	105,283	-	0%
00124190	BK Sta 96 Vault Lid Replacement	January 2023	2024	73,882	88,914	6,237	10%
00123702	BAY 2024 Vehicle Replacemnt Program	October 2023	2024	98,145	102,717	8,922	10%
00124406	CSS 2023 AM Large Tools	March 2023	2024	98,911	102,715	-	0%
00125472	SLN 2022 Toro Hydrant Repacement	September 2022	2024	101,266	120,862	9,205	10%
00126039	TAB 1525 (T2) - Tank Retrofits	March 2022	2024	157,693	183,496	14,336	10%
00125444	DOM 2024 Physical Security Upgrades	May 2024	2024	105,132	125,504	10,315	10%
00123906	MPS 2024 Flowmeter Replacement	December 2023	2024	97,446	112,838	13,498	20%
00123859	BK 215 VFD Controls Upgrades	April 2024	2025	96,644	112,145	8,786	10%
00124427	MPS SM-17 Sta Rebuild - Design	January 2023	2025	118,593	135,866	19,766	20%
00123973	DOM 2023 Flowmeter Replacement	October 2022	2024	103,111	120,546	5,828	10%
00123578	BG 2023 Control Valve Replacement	May 2023	2024	105,485	124,586	20,944	20%
00124202	CH 2022 ADDITIONAL DUMP TRUCK	January 2022	2024	90,499	95,111	8,227	10%
00123479	LIV 2023 Control Valve Replacement	July 2024	2024	98,048	117,570	17,359	20%
00123176	BK 1025 Zone SCADA	January 2023	2024	106,594	128,282	17,019	20%
00123786	VIS 2024 Vehicle Replacemnt Program	May 2024	2024	93,799	98,480	7,125	10%
00124888	LIV Portable Booster Pump	January 2023	2024	94,286	111,435	-	0%

[A]		[B]		[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123774	SLN 2023 Vehicle Replacemnt Program	February 2023	2024	94,787	97,589	8,617	10%
00123723	CH 2023 Vehicle Replacemnt Program	December 2022	2024	90,047	92,778	8,186	10%
00124186	HR 2024 Flowmeter Replacement	January 2024	2024	94,622	112,984	5,816	10%
00123740	KRV 2022 Vehicle Replacemnt Program	March 2022	2024	91,943	95,513	8,358	10%
00124070	LAS 2024 Flowmeter Replacement	April 2024	2024	93,264	111,400	13,519	20%
00125426	CH 2024 Physical Security Upgrades	May 2024	2024	99,406	118,901	9,037	10%
00124088	RDV 2024 Flowmeter Replacement	August 2023	2024	97,899	115,560	14,357	20%
00123914	BG 2022 Flowmeter Replacement	December 2023	2024	99,399	116,895	13,132	20%
00124184	HR 2023 Flowmeter Replacement	April 2023	2024	168,776	202,089	10,089	10%
00124904	PV 27in Pipe CP System Upgrade	September 2022	2024	71,730	84,737	6,521	10%
00123091	AV 2022 Vehicle Replacemnt Program	March 2022	2024	89,654	90,041	8,150	10%
00126078	Sharkfin Recharge Facilities	January 2023	2024	94,737	113,201	15,789	20%
00124091	SEL 2024 Flowmeter Replacement	September 2023	2024	91,128	105,581	12,962	20%
00125480	WLK 2024 Physical Security Upgrades	May 2024	2024	95,913	111,508	8,719	10%
00123200	BK 36-02 Piping Replacement	January 2024	2024	95,552	112,537	15,256	20%
00124301	Leona Valley Portable Generator	June 2024	2025	89,883	90,623	8,171	10%
00125459	WLK 7 Driveway & Wall - Design	February 2022	2024	883,955	1,019,357	140,227	20%
00125015	LIV 2023 SB1398 Service Replacement	January 2023	2024	93,584	112,217	7,899	10%
00124823	BK NWWTP Traveling Screen Rebuild	January 2024	2024	147,679	177,727	12,812	10%
00124975	BG 2024 Analyzers Replacement	January 2024	2024	92,067	109,669	8,370	10%
00123632	LAN 001-T2 - Seismic Retrofit	January 2022	2024	92,013	105,173	8,365	10%
00123811	SLN Las Lomas Intertie Design	January 2024	2024	109,553	130,753	-	0%
00124308	SSF 2023 Control Valve Replacement	February 2023	2024	135,021	158,444	12,275	10%
00123270	VIS 032-01 - Replace Pump & Motor	June 2024	2024	90,939	108,664	8,267	10%
00123682	SLN 020-01 - Replace Pump & Motor	January 2024	2024	108,052	128,962	9,823	10%
00124119	VIS 026-01 Replace Pump & Motor	January 2024	2024	90,939	108,664	8,267	10%
00123981	LAS 032-01 - Replace Pump & Motor	May 2024	2024	90,863	108,532	8,634	10%
00125052	SLN Wharfhead Replacements	January 2024	2024	91,094	108,722	7,502	10%
WLK0900_2024	Meter Replacement Program	January 2024	2024	86,701	103,247	-	0%
00123736	STK 007-02 Replace Pump & Motor	February 2022	2024	92,827	108,335	8,439	10%
00126476	2024 ORO 10 Carbon Change Outs	January 2024	2024	89,470	107,097	8,134	10%
00126496	2024 MRL 15 Carbon Change Outs	January 2024	2024	89,470	104,318	8,134	10%
00123214	SEL 011-01 - Replace Pump & Motor	June 2022	2024	99,304	114,050	9,028	10%
00124055	CH 027-01 Replace Pump & Motor	January 2023	2024	118,143	137,843	10,740	10%
00123704	CH 066-PT1 - Pressure Vessel Rehab	September 2024	2024	101,340	119,726	8,346	10%
00124157	ORO 2022 Flowmeter Replacement	July 2022	2024	93,232	109,916	12,913	20%
00123276	VIS 079-01 - Replace Pump & Motor	January 2023	2024	88,246	105,445	8,022	10%
00123232	VIS 070-01 - Replace Pump and Motor	October 2022	2024	126,206	147,582	11,473	10%
00123201	BK 82 Piping Replacement	January 2023	2025	208,922	238,075	33,357	20%
00126487	2024 VIS 38 Carbon Change Outs	January 2024	2024	88,066	105,231	8,006	10%
00123699	SLN 072-PT1 - Pressure Vessel Rehab	January 2023	2024	87,377	104,285	7,943	10%
00123703	VIS 052-PT1 - Pressure Vessel Rehab	January 2025	2025	87,377	102,176	7,943	10%
00123984	LAS 039-01 - Replace Pump & Motor	February 2022	2024	148,150	172,812	14,078	10%
00126474	2023 ORO 10 Carbon Change Outs	January 2023	2024	87,288	104,485	7,935	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00126495	2023 MRL 15 Carbon Change Outs	January 2023	2024	87,288	103,995	7,935	10%
00124061	CH 064-01 - Replace Pump & Motor	April 2022	2024	93,952	109,894	8,541	10%
00124057	CH 029-01 Replace Pump & Motor	March 2022	2024	114,515	133,609	10,410	10%
00123541	CH 064-PT1 - Pressure Vessel Rehab	February 2024	2024	86,464	101,897	7,860	10%
00125190	BAY-SM 2022 Sample Site	July 2024	2024	86,323	102,821	14,387	20%
00125130	BG 2022 Sample Sites	May 2022	2024	86,323	102,172	14,387	20%
00125446	ELA 2023 Physical Security Upgrades	January 2023	2024	111,383	133,345	4,796	10%
00123233	VIS 072-01 - Replace Pump & Motor	October 2022	2024	100,576	117,896	9,143	10%
00123409	BK 003-04 Replace Pump & Motor	January 2024	2024	85,929	103,413	7,812	10%
00124297	BK 042-02 - Replace Pump & Motor	January 2024	2024	85,929	103,413	7,812	10%
00125030	CSS Dist. System Integrity Tools	February 2022	2024	75,753	78,666	6,275	10%
00123424	SLN Tank Exterior Ladder Lifelines	August 2022	2024	88,608	103,585	8,055	10%
00123697	DOM 215-A Replace Pump & Motor	April 2024	2024	84,285	100,618	7,662	10%
00123738	DOM 275-01 Replace Pump & Motor	January 2023	2024	84,285	100,618	7,662	10%
00123473	BK 144-01 Replace Pump & Motor	September 2023	2025	87,616	101,668	7,965	10%
00123475	BK 195-01 Replace Pump & Motor	October 2023	2025	137,553	158,658	12,505	10%
00123846	SLN 2024 Control Valve Overhaul	January 2024	2024	83,816	100,036	10,836	20%
00123518	ELA Tank Exterior Ladder Lifelines	March 2022	2024	81,857	95,272	7,442	10%
00124365	BK 2024 GAC Media Replacement	January 2024	2024	83,309	100,260	7,228	10%
00123845	SLN 2023 Control Valve Overhaul	February 2023	2024	80,169	94,810	10,274	20%
00124085	MPS 118-A Replace Pump & Motor	January 2024	2024	30,997	36,921	2,818	10%
00124116	SEL 021 VFD Replacement	June 2024	2025	76,898	88,706	6,991	10%
00124105	ELA 060-T1 Install Tank Mixer	June 2024	2024	77,208	91,497	12,757	20%
00123183	BK 186 Corner Tank BFV Controls	June 2024	2025	75,085	86,345	6,826	10%
00125441	DOM 2023 Physical Security Upgrades	October 2023	2024	80,748	94,624	7,341	10%
00123142	BK 116-T1 - Seismic Retrofit	April 2022	2024	80,169	94,140	7,288	10%
00123628	BK 188-T2 - Seismic Retrofit	July 2022	2024	80,169	96,196	7,288	10%
00123857	LIV 009-T4 - Tank Retrofits	January 2024	2024	54,852	64,375	4,987	10%
00125473	MRL 2023 Physical Security Upgrades	January 2023	2024	61,603	73,395	5,600	10%
00125132	BG 2023 Sample Sites	January 2023	2024	79,633	94,857	13,272	20%
00125014	LIV 2022 SB1398 Service Replacement	January 2022	2024	79,129	94,883	6,847	10%
00124097	ELA 012-T2 Install Tank Mixer	October 2023	2024	78,481	93,243	12,967	20%
00124103	ELA 040-T1 Install Tank Mixer	October 2023	2024	78,481	93,243	12,967	20%
00124104	ELA 055-T1 Install Tank Mixer	October 2023	2024	78,481	93,243	12,967	20%
00125126	LIV 19-01 Replace Pump & Motor	April 2022	2024	84,388	101,190	7,672	10%
00123862	LAS 001-02 Replace Pump & Motor	February 2022	2024	118,666	139,085	11,276	10%
00125040	LEO 0004-T1: Tank Mixer	January 2023	2025	72,215	81,095	12,036	20%
00123601	DOM 2024 Control Valve Overhaul	January 2024	2024	76,575	91,413	4,235	10%
00123923	LAS 023-D - Replace Pump & Motor	January 2023	2024	94,515	110,248	8,981	10%
00125517	COS 2022 Physical Security Upgrades	July 2023	2024	76,354	83,061	5,702	10%
00123607	BKD 116-G Install VFD	April 2023	2024	69,605	79,559	6,328	10%
00125474	MRL 2024 Physical Security Upgrades	June 2024	2024	76,048	88,668	6,913	10%
00125080	LIV 2023 Analyzer Replacements	June 2024	2024	73,418	87,334	6,674	10%
00123636	LAN 001-T3 - Seismic Retrofit	November 2023	2024	63,291	72,814	5,754	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00124218	LAS 2024 Control Valve Overhaul	January 2024	2024	40,406	48,263	3,673	10%
00123660	HR 029-T2 - Seismic Retrofit	January 2023	2024	75,030	90,088	6,821	10%
00124060	CH 081-C Replace Pump & Motor	March 2022	2024	60,600	71,416	6,323	10%
00125543	RD Refurbish/Replace Clarifier	June 2024	2024	57,384	68,499	-	0%
00123865	LAS 001-E Replace Pump & Motor	October 2022	2024	76,034	89,117	7,225	10%
00125171	Install Cover Over Spoils/Dump Area	January 2022	2024	56,810	67,814	4,819	10%
00123642	BK 176-A VFD Install	February 2022	2024	136,828	160,288	12,439	10%
00123430	BK 087-E Replace Pump & Motor	August 2023	2024	78,682	92,177	7,153	10%
00124511	Kernville 001 Site Access Upgrade	January 2022	2024	84,388	99,772	7,672	10%
00124487	HR Sta 30 Manual Transfer Switch	February 2022	2024	71,922	84,208	6,538	10%
00123595	BK 100-F Install VFD	April 2023	2024	67,374	78,882	6,347	10%
00124217	LAS 2023 Control Valve Overhaul	April 2023	2024	40,406	47,811	3,673	10%
00123626	BK 188-T1 - Seismic Retrofit	April 2022	2024	73,165	87,791	6,651	10%
00124001	MPS 106-B - Replace Pump & Motor	January 2022	2024	69,530	82,819	6,321	10%
00123600	DOM 2023 Control Valve Overhaul	October 2023	2024	73,418	86,839	4,054	10%
00123637	BK 218-D Install VFD	March 2023	2024	67,048	77,335	6,316	10%
00125186	RD Purch. Meter Reading Handhelds	November 2022	2024	63,810	66,927	5,521	10%
00123645	BK 116-F Replace Pump & Motor	October 2022	2024	80,647	97,055	7,332	10%
00123130	BK 2022 CP Upgrades	May 2022	2024	64,352	75,161	5,850	10%
00125134	LAS 2023 Sample Sites	January 2023	2024	70,785	84,550	11,797	20%
00123712	COS Study - New Access Driveway	February 2022	2025	118,035	125,357	10,223	10%
00123522	HR Tank Exterior Ladder Lifelines	March 2022	2024	65,401	76,139	5,946	10%
00123599	DOM 2022 Control Valve Overhaul	May 2022	2024	67,511	78,556	3,753	10%
00125524	COS 2024 Physical Security Upgrades	January 2024	2024	68,252	67,268	6,205	10%
00123835	KC 2023 Control Valve Replacement	July 2023	2024	42,194	49,265	2,808	10%
00124189	STK 018-01 - Replace Pump & Motor	August 2024	2025	75,949	89,048	6,905	10%
00124124	VIS 042-01 Replace Pump & Motor	January 2023	2024	66,781	79,797	6,071	10%
00124141	KRV 2024 Flowmeter Replacements	April 2024	2025	63,771	73,517	3,674	10%
00123644	BK 209-A VFD Install	April 2023	2024	60,888	72,196	5,535	10%
00123755	LAS 2024 Vehicle Replacement Progm	November 2023	2024	60,927	63,944	5,539	10%
00124325	BK Sta 96 Isolation Valve install	January 2023	2024	44,329	53,349	4,030	10%
00124992	CH 2023 Analyzers Replacement	October 2023	2024	42,194	49,478	3,836	10%
00124138	KRV 2023 Flowmeter Replacement	December 2022	2024	63,885	77,448	3,643	10%
00125068	CSS Three Dimensl. (3D) GIS - Pilot	January 2022	2024	54,597	56,697	-	0%
00124395	Relocate SCADA WB-39 Connection	January 2022	2024	37,170	44,372	3,224	10%
00123469	ORO 2024 Control Valve Replacement	June 2024	2024	63,428	75,924	11,735	20%
00123942	STK 2024 Customer Meter Vault Lids	January 2024	2024	63,639	76,243	5,785	10%
00125462	KC 2023 Physical Security Upgrades	September 2023	2024	42,194	49,407	3,836	10%
00123986	AV-LEO Sta 04 Tank-1 Aeration	January 2023	2024	62,897	71,892	5,716	10%
00124047	VIS 30 Install ATS	February 2023	2024	71,730	84,897	6,521	10%
00123466	ORO 2023 Control Valve Replacement	August 2023	2024	62,391	73,556	11,093	20%
00123940	STK 2023 Customer Meter Vault Lids	January 2023	2024	62,087	74,383	5,644	10%
00124196	STK STA 076 ATS Panel Installation	May 2024	2025	56,305	65,161	3,212	10%
00123778	SEL 2023 Vehicle Replacemnt Program	January 2023	2024	56,610	59,287	5,146	10%

[A]		[B]		[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123461	BG 019-T1 - Tank Retrofits	October 2023	2024	16,878	19,721	1,534	10%
00123400	LIV Tank Exterior Ladder Lifelines	August 2022	2024	69,701	81,580	6,336	10%
00124748	SSF-1 Treatment Plant Automation	January 2022	2024	521,165	594,649	82,944	20%
00125503	AV 2022 Physical Security Upgrades	November 2022	2024	60,111	68,708	5,465	10%
00123399	BK 2024 Control Valve Overhaul	February 2024	2024	60,759	70,293	3,439	10%
00124499	KC 2024 Hydrant Replacements	June 2024	2024	59,066	69,956	5,370	10%
00123911	STK 2022 Customer Meter Vault Lids	January 2022	2024	60,572	72,569	5,507	10%
00123971	DOM 2024 Customer Meter Vault Lids	January 2024	2024	60,457	72,172	5,496	10%
00123425	BK 2024 Control Valve Replacement	March 2024	2024	77,637	93,434	4,402	10%
00124498	KC 2023 Hydrant Replacements	April 2023	2024	82,700	96,560	7,518	10%
00124145	VIS 300-01 - Replace Pump & Motor	September 2023	2024	65,495	77,332	5,954	10%
00124639	STK 082-T7 - Seismic/Geotech Study	February 2022	2024	97,046	114,463	-	0%
00123970	DOM 2023 Customer Meter Vault Lids	January 2023	2024	58,982	70,412	5,362	10%
00123377	BK 2023 Control Valve Overhaul	February 2023	2024	57,384	67,226	3,216	10%
00126041	TAB Tanks-Remove Ext Ladder Cage	January 2022	2024	51,692	61,716	4,699	10%
00123520	KRV 2024 Control Valve Overhaul	February 2024	2024	59,072	70,093	3,268	10%
00123851	SLN 016-T1 - Tank Retrofits	September 2022	2024	57,872	68,127	5,261	10%
00123530	PV Tank Exterior Ladder Lifelines	March 2022	2024	70,042	82,026	6,368	10%
00123822	HR 2024 Control Valve Overhaul	January 2024	2024	57,201	68,681	3,164	10%
00123967	DOM 2022 Customer Meter Vault Lids	January 2022	2024	57,544	68,694	5,231	10%
00123860	STK 065-T1&T2 - Tank Retrofits	March 2024	2024	64,979	76,842	5,907	10%
00124175	KC 2022 Flowmeter Replacement	March 2022	2024	13,502	15,765	1,816	20%
00124622	MPS 109-T2 - Tank Retrofits	January 2025	2025	56,431	65,780	5,224	10%
00124634	MRL 010-T2 - Seismic/Geotech Study	February 2022	2024	97,046	111,701	8,822	10%
00124431	KRV 001 Replace AP4 Filters	April 2024	2024	52,056	63,107	4,732	10%
00124188	STK 016 ATS Panel Installation	June 2024	2025	51,117	59,157	2,658	10%
00125257	HR 023-T2 Tank Retrofits	January 2024	2024	55,331	66,436	5,030	10%
00125328	VIS Chemical Shelter Replacement	October 2022	2024	55,358	64,578	5,033	10%
00123358	SSF 014-T1 - Tank Retrofits	December 2022	2024	73,418	86,339	6,674	10%
00123821	HR 2023 Control Valve Overhaul	May 2023	2024	54,591	64,641	3,011	10%
00124599	WIL 002-T1 - Seismic/Geotech Study	February 2022	2024	97,046	112,103	8,822	10%
00124855	CSS Media Center - Furniture	January 2022	2024	50,479	52,420	4,589	10%
00124206	STK STA 21-01 Well Study	February 2022	2024	55,168	65,752	5,153	10%
00123968	DOM 2022 Flowmeter Replacement	October 2022	2024	52,505	61,239	2,865	10%
00125124	LIV 13-E Replace Pump & Motor	August 2024	2025	59,072	68,214	5,370	10%
00124075	MPS 112-A Replace Pump & Motor	December 2022	2024	40,995	48,830	3,727	10%
00123852	SSF 006-F Replace Pump & Motor	December 2022	2024	58,853	69,062	5,592	10%
00124440	LIV Pressure Vessels Ladder/Plat	January 2025	2025	52,661	61,796	4,787	10%
00123754	LAS 2023 Vehicle Replacement Progrm	February 2023	2024	48,833	51,251	4,439	10%
00124632	DIX 001-T1 - Seismic/Geotech Study	February 2022	2024	97,046	115,076	8,822	10%
00124885	LIV 028-A Replace Pump & Motor	January 2024	2024	52,330	62,749	5,205	10%
00124887	LIV 028-B Replace Pump & Motor	January 2024	2024	52,330	62,749	5,205	10%
00123856	SSF 101-A Replace Pump & Motor	May 2024	2024	52,074	62,026	4,948	10%
00123858	SSF 101-B Replace Pump & Motor	May 2024	2024	52,074	62,026	4,948	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00124019	LAS 104-A - Replace Pump & Motor	March 2024	2024	20,592	24,597	1,957	10%
00124927	ELA-New Forklift for New Warehouse	September 2023	2024	48,296	50,803	4,391	10%
00124078	LIV 025-B - Replace Pump & Motor	January 2024	2024	46,963	56,313	4,269	10%
00124074	LIV 023-G Replace Pump & Motor	January 2024	2024	51,838	62,159	4,713	10%
00125152	SSF 2022 Sample Sites	March 2024	2024	51,794	61,693	8,632	20%
00124161	ORO 2023 Flowmeter Replacement	August 2023	2024	53,841	63,800	6,776	20%
00123426	SSF Tank Exterior Ladder Lifelines	August 2022	2024	49,117	57,266	4,465	10%
00123917	LAS 011-D - Replace Pump & Motor	December 2022	2024	72,574	84,655	6,896	10%
00124003	LAS 033-A - Replace Pump & Motor	December 2022	2024	54,607	65,225	4,818	10%
00125515	ARM 2022 Physical Security Upgrades	August 2023	2024	59,768	70,003	5,433	10%
00123643	BK 212-D Replace Pump & Motor	January 2023	2024	50,151	60,355	4,559	10%
00123758	PV 015-D Replace Pump & Motor	January 2023	2024	17,806	21,399	1,619	10%
00123749	LIV 2023 Vehicle Replacemnt Program	February 2023	2024	46,508	47,698	4,228	10%
00123299	SLN 2023 CP Upgrades	April 2024	2024	49,590	59,186	4,508	10%
00123867	LAS 009-D Replace Pump & Motor	October 2022	2024	46,784	54,572	4,446	10%
00123870	LAS 009-E Replace Pump & Motor	October 2022	2024	59,072	69,071	5,613	10%
00123509	AV Tank Exterior Ladder Lifelines	August 2022	2024	68,861	79,221	6,260	10%
00124072	LIV 016-A Replace Pump & Motor	January 2022	2025	50,633	59,417	4,603	10%
00123440	BK 097-B Replace Pump & Motor	January 2024	2024	49,246	59,266	4,477	10%
00123462	BK 097-C Replace Pump & Motor	January 2024	2024	49,246	59,266	4,477	10%
00125170	Car Port/Cover For Vehicle Maint.	January 2023	2024	37,873	45,210	3,213	10%
00123773	SLN 2022 Vehicle Replacemnt Program	September 2022	2024	45,373	46,498	4,125	10%
00123742	KRV 2024 Vehicle Replacemnt Program	May 2024	2024	45,287	48,239	4,117	10%
00124312	RD Replace Signage	September 2024	2024	37,329	44,560	3,230	10%
00124762	BAY 2024 Misc Tools-Equipment	January 2024	2024	39,900	41,758	-	0%
00123282	ELA 055-A Replace Pump & Motor	September 2023	2024	56,540	67,346	5,140	10%
00123767	BOD 104-B - Replace Pump & Motor	March 2023	2024	48,045	56,598	4,368	10%
00123789	WLK 2023 Vehicle Replacemnt Program	February 2023	2024	44,182	46,230	4,017	10%
00124415	DOM 272 Asphalt Replacement	March 2023	2024	35,715	42,636	3,015	10%
00124087	RDV 2023 Flowmeter Replacement	September 2023	2024	47,455	57,376	6,800	20%
00123471	BK 100-E Replace Pump & Motor	March 2023	2024	47,277	56,057	4,665	10%
00123168	BG 022-T1 - Tank Retrofits	October 2024	2024	45,625	54,347	4,483	10%
00123655	BK 148-T1 - Tank Retrofit	January 2023	2024	47,021	56,589	4,275	10%
00123437	BK 091-C Replace Pump & Motor	March 2023	2024	46,873	55,578	4,261	10%
00123654	BK 162-A Replace Pump & Motor	September 2023	2024	49,749	58,458	4,523	10%
00123658	BK 162-B - Replace Pump & Motor	September 2023	2025	49,749	57,209	4,523	10%
00124089	SEL 2023 Flowmeter Replacement	April 2024	2024	46,699	54,472	6,476	20%
00124133	WIL 2023 Flowmeter Replacement	July 2023	2024	21,097	25,119	2,961	20%
00124083	RDV 2022 Flowmeter Replacement	January 2022	2024	46,012	53,599	6,441	20%
00124761	BAY 2023 Misc Equipment	January 2023	2024	38,350	40,136	-	0%
SEL0900_2024	Meter Replacement Program	January 2024	2024	43,170	51,455	-	0%
00123648	Arden Sta. 6 Booster Panelboard	April 2022	2024	44,434	51,963	4,039	10%
00125153	SSF 2023 Sample Sites	January 2023	2024	44,240	52,696	7,373	20%
00124199	SSF 2024 Control Valve Overhaul	January 2024	2024	40,406	48,128	3,673	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00125041	CSS AutoCAD AECC Subscriptions	January 2022	2024	37,938	39,397	-	0%
00124178	BK 2023 Misc Field Equipment	February 2023	2024	40,185	41,364	3,386	10%
00124760	BAY Misc Tools Equipment 2022	January 2022	2024	37,233	38,968	-	0%
00124194	SSF 2023 Control Valve Overhaul	February 2023	2024	40,406	47,415	3,673	10%
00123842	LAS 019-T1 - Tank Retrofits	April 2023	2024	60,600	70,688	5,368	10%
00123722	CH 2022 Vehicle Replacement Program	August 2023	2024	38,863	40,843	3,533	10%
00123456	BK 100-T1 - Tank Retrofits	January 2024	2024	41,739	50,231	3,794	10%
00124090	MPS 120-B Replace Pump & Motor	January 2024	2024	18,835	22,292	1,712	10%
00124081	MPS 114-B Replace Pump & Motor	June 2024	2024	36,613	43,610	3,328	10%
00123171	BK 2023 Vehicle Replacement Program	February 2023	2024	49,428	52,267	4,494	10%
00125463	KC 2024 Physical Security Upgrades	May 2024	2024	40,183	48,266	3,653	10%
00124187	WLK 2024 Control Valve Overhaul	February 2024	2024	40,506	47,731	3,682	10%
00123788	AV 2024 Flowmeter Replacement	April 2024	2024	36,957	42,242	2,119	10%
00123675	BK 100-T4 - Tank Retrofit	January 2024	2024	39,117	47,075	3,556	10%
00125404	LUC Field Yard Site Improvements	June 2023	2024	39,923	48,269	6,654	20%
00123305	SLN 2024 CP Upgrades	April 2024	2024	39,040	46,595	3,549	10%
00124513	Bodfish 104 Vessel Replacement	March 2023	2024	29,198	35,397	2,654	10%
00124512	Bodfish 013 Vessel Replacement	March 2023	2024	38,819	46,228	3,529	10%
00124007	MRL Sta 10 Flowmeter Replacement	May 2023	2024	38,576	45,959	4,846	20%
00124011	MRL 2023 Flowmeter Replacement 11	October 2023	2024	38,576	45,959	4,846	20%
00123376	BK 087-T5 - Tank Retrofits	January 2024	2024	38,416	46,232	3,492	10%
00123837	SLN 2024 Control Valve Replacement	January 2024	2024	53,969	64,413	6,902	20%
00123764	AV 2023 Flowmeter Replacement	March 2024	2024	40,506	46,661	2,571	10%
00125243	PV Install Pump Shelter	January 2024	2024	34,529	41,497	-	0%
00123428	STK Tank Exterior Ladder Lifelines	August 2022	2024	35,456	41,490	3,223	10%
00125261	KC 2024 Replace Mainline Valves	June 2024	2024	27,944	33,378	2,301	10%
00124925	AV 2022 Analyzer Replacements	January 2022	2024	37,781	43,184	3,435	10%
00124182	ORO 011-A - Replace Pump & Motor	December 2022	2024	45,992	53,529	4,181	10%
00123294	HR 2023 CP Upgrades	December 2022	2024	34,177	39,789	3,107	10%
00123854	SSF 013-A Replace Pump & Motor	December 2022	2024	41,524	48,518	3,946	10%
00123673	MPS 023-T1 - Tank Retrofit	April 2024	2024	39,139	46,028	3,558	10%
00124004	MRL Sta 9 Flowmeter Replacement	August 2023	2024	39,964	46,698	5,021	20%
00123995	MRL Sta 8 Flowmeter Replacement	January 2022	2024	37,635	43,976	4,728	20%
ORO0900_2024	Meter Replacement Program	January 2024	2024	36,066	43,172	-	0%
00123464	ORO 016-T1 - Tank Retrofits	January 2023	2024	21,097	25,254	1,918	10%
00124084	LIV 026-B - Replace Pump & Motor	August 2024	2024	42,194	50,595	3,836	10%
00123454	BK 100-T3 - Tank Retrofits	January 2024	2024	37,544	45,183	3,413	10%
00123429	BG 038-T1 - Tank Retrofits	January 2025	2025	35,824	40,964	3,257	10%
00123678	SLN 058-A - Replace Pump & Motor	August 2023	2025	42,194	49,283	3,877	10%
00125327	CSS Survey Equipment for Eng South	May 2022	2024	30,332	31,498	-	0%
00125260	KCD Replace Mainline Valves - 2023	April 2023	2024	27,262	32,289	2,478	10%
00123239	VIS 012-A - Replace Pump & Motor	January 2022	2024	36,844	44,025	3,349	10%
00123727	AV 2022 Flowmeter Replacement	October 2022	2024	71,730	82,842	4,506	10%
00123827	FREM 001-01 - Replace Pump & Moto	January 2023	2024	35,877	41,008	3,262	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123834	LHUG 002-02 - Replace Pump & Motor	January 2023	2024	35,877	41,008	3,262	10%
00124222	CH 2024 Hydrants for City	January 2024	2024	35,820	42,845	3,256	10%
00123752	PV 014-A Replace Pump & Motor	January 2023	2024	35,673	42,872	3,243	10%
00125056	KRV 2023 Analyzer Replacements	January 2023	2024	35,012	42,445	3,183	10%
00123452	LAS 113-T1 - Tank Retrofits	March 2024	2024	34,968	41,768	3,179	10%
00123459	BK 073-T3 - Tank Retrofits	January 2024	2024	34,533	41,559	3,139	10%
00125200	RD 2024 Air Tools	January 2024	2024	28,436	29,415	-	0%
KCD0900_2024	Meter Replacement Program	January 2024	2024	33,092	39,749	-	0%
00123178	HR 027-T1 - Tank Retrofits	June 2023	2024	33,755	39,634	3,069	10%
00125199	RD 2023 Air Tools	January 2023	2024	28,436	29,825	-	0%
00123315	MPS 112-T3 - Tank Retrofits	January 2024	2024	33,635	40,063	3,058	10%
00123306	MPS 029-T1 - Tank Retrofits	January 2025	2025	33,600	39,167	3,055	10%
00123132	BK 116-T1 - Tank Retrofits	August 2022	2024	33,502	39,341	3,046	10%
00124041	MPS 2024 Customer Meter Vault Lids	January 2024	2024	33,410	39,796	3,037	10%
00124048	SSF 2024 Customer Meter Vault Lids	January 2024	2024	33,410	39,796	3,037	10%
00124050	LAS 2024 Customer Meter Vault Lids	January 2024	2024	33,410	39,907	3,037	10%
00125198	RD 2022 Air Tools	January 2022	2024	28,436	29,825	-	0%
00124040	MPS 2023 Customer Meter Vault Lids	January 2023	2024	32,595	38,825	2,963	10%
00124046	SSF 2023 Customer Meter Vault Lids	January 2023	2024	32,595	38,825	2,963	10%
MRL0900_2024	Meter Replacement Program	January 2024	2024	30,849	36,754	-	0%
00125107	STK 2023 Analyzer Replacement	January 2023	2024	31,968	37,481	2,906	10%
00123365	BG 041-T2 - Tank Retrofits	December 2022	2024	29,394	34,568	2,672	10%
00123994	CH 2024 Customer Meter Vault Lids	January 2024	2024	31,819	38,060	2,893	10%
00125100	CSS 2024 Portable Large Test Meter	January 2024	2024	32,379	33,624	2,944	10%
00123946	VIS 2024 Customer Meter Vault Lids	January 2024	2024	31,819	38,021	2,893	10%
00124038	SLN 2024 Customer Meter Vault Lids	January 2024	2024	31,819	37,977	2,893	10%
00124039	MPS 2022 Customer Meter Vault Lids	January 2022	2024	31,800	37,878	2,891	10%
00124045	SSF 2022 Customer Meter Vault Lids	January 2022	2024	31,800	37,878	2,891	10%
00123423	RDV Tank Exterior Ladder Lifelines	August 2022	2024	37,975	44,737	3,452	10%
00124408	DOM 290 Asphalt Replacement	March 2022	2024	24,116	28,790	2,087	10%
00125077	LIV 14 Analyzer Replacment	June 2024	2024	31,224	36,744	2,838	10%
00125106	STK 2022 Analyzer Replacement	January 2022	2024	31,188	37,366	2,835	10%
00125099	CSS 2023 Portable Large Test Meter	January 2023	2024	32,379	33,624	2,944	10%
00123945	VIS 2023 Customer Meter Vault Lids	January 2023	2024	31,043	37,094	2,822	10%
00124037	SLN 2023 Customer Meter Vault Lids	January 2023	2024	31,043	37,051	2,822	10%
00123316	SSF 001-T1 - Tank Retrofits	August 2023	2024	35,398	41,182	3,218	10%
00124331	BK 2024 pumping tools	May 2024	2024	20,096	24,185	1,827	10%
00124036	SLN 2022 Customer Meter Vault Lids	June 2022	2024	30,286	36,147	2,753	10%
00125096	CSS 2022 Portable Large Test Meter	January 2022	2024	32,379	33,325	2,944	10%
00123943	VIS 2022 Customer Meter Vault Lids	January 2022	2024	30,286	36,189	2,753	10%
00123965	WLK 2024 Customer Meter Vault Lids	January 2024	2024	30,228	35,144	2,748	10%
00123978	BK 2024 Customer Meter Vault Lids	January 2024	2024	30,228	36,379	2,748	10%
00124006	ELA 2024 Customer Meter Vault Lids	January 2024	2024	30,228	36,189	2,748	10%
00124012	HR 2024 Customer Meter Vault Lids	January 2024	2024	30,228	36,295	2,748	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00126096	TAB Sta 1 Flowmeter Replacement	July 2023	2024	29,536	34,613	2,685	10%
00125033	DOM 2024 Analyzer Replacement	January 2024	2024	29,911	35,708	2,719	10%
00123829	LHUG 001-01 - Replace Pump & Motor	January 2023	2024	29,870	34,142	2,715	10%
00123831	LHUG 001-02 - Replace Pump & Motor	January 2023	2024	29,870	34,142	2,715	10%
00123606	SSF 2024 CP Upgrades	April 2024	2024	29,498	35,136	2,682	10%
00123959	WLK 2023 Customer Meter Vault Lids	January 2023	2024	29,491	34,369	2,681	10%
00123975	BK 2023 Customer Meter Vault Lids	January 2023	2024	29,491	35,492	2,681	10%
00124005	ELA 2023 Customer Meter Vault Lids	January 2023	2024	29,491	35,306	2,681	10%
00124010	HR 2023 Customer Meter Vault Lids	January 2023	2024	29,491	35,410	2,681	10%
00125028	DOM 2023 Analyzer Replacement	May 2024	2024	29,182	34,836	2,653	10%
00123371	BK 116-T3 - Tank Retrofits	August 2022	2025	29,030	33,383	2,639	10%
00125093	RDV-LUC 2024 Analyzer Replacements	January 2024	2024	26,145	31,611	2,377	10%
00124329	BK 2023 MISC PUMPING TOOLS	March 2023	2024	20,096	23,400	1,696	10%
00123953	WLK 2022 Customer Meter Vault Lids	January 2022	2024	28,772	34,263	2,616	10%
00123974	BK 2022 Customer Meter Vault Lids	January 2022	2024	28,772	34,626	2,616	10%
00124002	ELA 2022 Customer Meter Vault Lids	January 2022	2024	28,772	34,445	2,616	10%
00124008	HR 2022 Customer Meter Vault Lids	January 2022	2024	28,772	34,546	2,616	10%
00123676	BK 176-T2 - Tank Retrofit	March 2024	2024	29,536	35,441	2,685	10%
00123553	LAS 2022 CP Upgrades	April 2022	2024	13,502	15,825	1,227	10%
00123387	HR 026-T2 - Tank Retrofits	June 2022	2024	97,046	113,302	8,822	10%
00123817	ELA 2024 Control Valve Overhaul	February 2024	2024	25,316	29,849	1,410	10%
00125086	RDV-LUC 2022 Analyzer Replacements	January 2022	2024	27,468	33,211	2,497	10%
00124260	RD Slurry /Re-Stripe Back Park. Lot	March 2023	2024	20,608	24,599	1,740	10%
00123467	LIV 022-T2 - Tank Retrofits	November 2023	2024	29,042	33,899	2,640	10%
00123338	BG 030-T1 - Tank Retrofits	October 2023	2024	27,287	31,883	2,481	10%
00123344	LAS 114-T1 - Tank Retrofits	February 2023	2024	17,950	20,938	1,632	10%
00123809	2024 Control Valve Overhaul CH	May 2024	2024	25,833	30,899	3,315	20%
00123468	LIV 022-T1 - Tank Retrofits	November 2023	2024	40,954	47,804	3,723	10%
00123296	MPS 123-T3 - Tank Retrofits	April 2024	2024	12,658	14,886	1,151	10%
00124862	RDV-COS PALL unit expansion	January 2023	2024	24,182	23,834	2,198	10%
00123514	DOM Tank Exterior Ladder Lifelines	March 2022	2024	26,160	30,584	2,378	10%
00123808	CH 2023 Control Valve Overhauls	May 2024	2024	24,469	28,836	3,157	20%
00123798	MRL 12 Driveway Pavement Extension	January 2023	2024	24,369	29,033	4,061	20%
00123330	LIV 018-T2 - Tank Retrofits	August 2022	2024	16,459	19,159	1,496	10%
00125532	RD New Copier For Operations	September 2024	2024	21,270	22,309	1,840	10%
00123803	CH 2022 Control Valve Overhauls	November 2022	2024	23,747	28,404	2,991	20%
00123624	BG 041-T1 - Tank Retrofits	August 2022	2024	25,213	29,651	2,292	10%
00125176	KRV-SOLA 2022 Sample Sites	May 2023	2024	23,430	27,300	3,905	20%
00125264	KC 2024 Valve casings/covers	June 2024	2024	17,232	20,583	1,567	10%
00125371	AV-LEO 001 Replace Production Meter	September 2024	2024	23,266	26,594	3,878	20%
00125263	KC 2023 Valve Casings/Covers	April 2023	2024	22,532	27,064	2,048	10%
00125048	KRV 2022 Analyzer Replacements	September 2022	2024	22,796	27,636	2,072	10%
00123496	LIV 2024 Control Valve Overhaul	January 2024	2024	40,406	48,451	10,899	30%
00125504	AV 2023 Physical Security Upgrades	September 2023	2024	22,629	25,865	3,038	20%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00123293	MPS 032-T2 - Tank Retrofits	January 2024	2024	23,633	28,150	2,148	10%
00125035	ELA 2022 Analyzer Replacement	February 2024	2024	22,447	26,602	2,041	10%
00123492	LIV 2023 Control Valve Overhaul	May 2024	2024	40,406	48,451	4,984	10%
00125505	AV 2024 Physical Security Upgrades	May 2024	2024	155,087	177,268	13,464	10%
00125038	ELA 2023 Analyzer Replacements	December 2023	2024	21,926	26,250	1,993	10%
00123352	BK 096-T4 - Tank Retrofits	August 2024	2024	22,785	27,259	2,071	10%
00124290	BK 2024 chemical pump replace	January 2024	2024	14,522	17,477	1,320	10%
00123638	MRL Tank Exterior Ladder Lifelines	August 2022	2024	21,802	25,364	1,982	10%
WIL0900_2024	Meter Replacement Program	January 2024	2024	20,532	24,753	-	0%
00123625	BK 073-T5 Tank Retrofits	May 2022	2024	25,316	30,378	2,302	10%
00125648	SEL Well Level Monitoring	November 2022	2024	19,747	23,034	1,795	10%
00124895	RDV-COS STA 08 Tank MaintenanceArea	April 2022	2024	20,329	20,036	1,848	10%
00124228	RD Office Improvements 2024	January 2024	2024	16,318	17,181	1,344	10%
00124280	BKD 2022 chemical pump replacements	August 2023	2024	20,038	24,116	1,822	10%
00124224	RD Office Improvements 2023	January 2023	2024	16,318	17,421	1,378	10%
00124137	RD Office Improvements 2022	August 2024	2024	17,975	19,190	1,555	10%
00124286	BK 2023 Chemical Pump Replace	November 2023	2025	19,045	22,099	-	0%
00123989	BG Customer Meter Vault Lids	January 2024	2024	18,947	22,569	3,037	20%
00125246	HR 28: Building Rebuild - Design	January 2023	2024	22,390	26,883	-	0%
00125247	HR 008: Roof Replacement	January 2023	2024	18,691	22,442	-	0%
00123251	LUC 002-T1 - Tank Retrofits	April 2023	2024	17,250	20,233	1,568	10%
00124200	STK STA 79 Motor Control Upgrade	February 2023	2024	16,550	19,315	2,837	20%
00125490	RD Replace 1st floor bathrooms	May 2022	2024	13,924	16,621	1,205	10%
00123211	BG 036-T1 - Tank Retrofits	January 2024	2024	18,005	21,447	1,637	10%
00125081	MRL 2022 Analyzer Replacements	January 2022	2024	17,978	21,419	1,634	10%
00123321	MPS 030-T1 - Tank Retrofits	September 2023	2024	22,264	25,958	2,024	10%
00123345	BK 096-T2 - Tank Retrofits	August 2024	2024	18,565	22,211	1,688	10%
00123347	BK 096-T3 - Tank Retrofits	August 2024	2024	18,565	22,211	1,688	10%
00123490	LIV 2022 Control Valve Overhaul	November 2022	2024	40,406	47,807	6,308	20%
00124000	DIX 2024 Customer Meter Vault Lids	January 2024	2024	15,910	19,262	1,446	10%
00124017	KC 2024 Customer Meter Vault Lids	June 2024	2024	15,910	19,110	1,446	10%
00124029	MRL 2024 Customer Meter Vault Lids	January 2024	2024	15,910	18,955	1,446	10%
00124032	ORO 2024 Customer Meter Vault Lids	January 2024	2024	14,413	17,253	1,310	10%
00124044	SEL 2024 Customer Meter Vault Lids	January 2024	2024	15,910	18,513	1,446	10%
00124021	LIV 2024 Customer Meter Vault Lids	January 2024	2024	15,910	19,077	1,446	10%
00125042	ELA 2024 Analyzer Replacements	January 2024	2024	15,800	18,916	1,436	10%
00125177	KRV-LBOD 2022 Sample Sites	May 2023	2024	13,102	15,322	2,184	20%
DIX0900_2024	Meter Replacement Program	January 2024	2024	14,908	18,049	-	0%
00123998	DIX 2023 Customer Meter Vault Lids	January 2025	2024	14,413	17,450	1,310	10%
00124016	KC 2023 Customer Meter Vault Lids	April 2023	2024	15,522	18,175	1,411	10%
00124028	MRL 2023 Customer Meter Vault Lids	January 2023	2024	15,522	18,493	1,411	10%
00124031	ORO 2023 Customer Meter Vault Lids	January 2023	2024	15,522	18,580	1,411	10%
00124043	SEL 2023 Customer Meter Vault Lids	January 2023	2024	15,522	18,105	1,411	10%
00124020	LIV 2023 Customer Meter Vault Lids	January 2023	2024	15,522	18,612	1,411	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00124546	LUC 003-T1 - CP Upgrade	May 2024	2025	15,349	18,161	1,395	10%
00123324	MPS 115-T1 - Tank Retrofits	April 2023	2024	14,905	17,528	1,355	10%
00123448	STK 080-T1 - CP Upgrade	April 2024	2024	15,084	18,071	1,371	10%
00124015	KC 2022 Customer Meter Vault Lids	March 2022	2024	5,509	6,617	501	10%
00123996	DIX 2022 Customer Meter Vault Lids	January 2022	2024	15,143	18,333	1,377	10%
00124027	MRL 2022 Customer Meter Vault Lids	January 2022	2024	15,143	18,041	1,377	10%
00124030	ORO Customer Meter Vault Lids	January 2022	2024	15,143	18,126	1,377	10%
00124042	SEL 2022 Customer Meter Vault Lids	January 2022	2024	15,143	18,049	1,377	10%
00124018	LIV Customer Meter Vault Lids	January 2022	2024	15,143	18,158	1,377	10%
00125105	CSS Install high volume printer	March 2023	2024	14,087	14,629	1,281	10%
00123950	PV 2024 Customer Meter Vault Lids	January 2024	2024	15,114	18,164	1,374	10%
00123480	LAN 001-T2 - CP Upgrade	January 2024	2024	14,688	16,788	1,335	10%
00123498	WLK 007-T1 - CP Upgrade	January 2024	2024	14,688	17,491	1,335	10%
00123949	PV 2023 Customer Meter Vault Lids	January 2023	2024	14,746	17,721	1,341	10%
00123246	COS 008-T1 - CP Upgrade	August 2022	2024	16,194	17,616	1,472	10%
00123446	LEO 004-T1 - CP Upgrade	January 2024	2024	14,329	16,379	1,303	10%
00123447	LHUG 003-T1 - CP Upgrade	January 2023	2024	14,329	16,379	1,303	10%
00123948	PV 2022 Customer Meter Vault Lids	January 2022	2024	14,386	17,289	1,308	10%
00124688	MPS 032-T1 - Tank Retrofits	January 2024	2025	14,282	16,649	1,298	10%
00123333	KRV 006-T1 - CP Upgrade	September 2022	2024	15,376	18,641	1,398	10%
00123499	LAN 001-T1 - CP Upgrade	September 2022	2024	8,161	9,437	742	10%
00123389	PV 023-T1 - CP Upgrade	January 2022	2025	12,658	15,213	1,151	10%
00123245	KC Tank Exterior Ladder Lifelines	August 2022	2024	25,316	29,644	2,301	10%
00124173	BK 209 Panel Shade Awning	October 2023	2024	13,957	16,599	1,269	10%
00124514	KRV Arden 001 Backwash Retrofit	November 2023	2024	12,658	14,966	-	0%
00123255	BK 213-T3 - Tank Retrofits	January 2024	2024	13,716	16,507	1,247	10%
00125090	RDV-LUC 2023 Analyzer Replacements	January 2023	2024	17,271	20,881	1,570	10%
00123663	LIV 025-T3 - Tank Retrofit	March 2024	2024	13,580	16,284	1,653	10%
00123105	ARD 011-T1 - CP Upgrade	July 2023	2024	13,844	16,189	1,258	10%
00123442	SQUM 007-T1 - CP Upgrade	September 2022	2024	11,443	13,431	1,040	10%
00123453	DIX 001-T1 - Tank Retrofits	January 2025	2025	12,964	15,360	1,179	10%
00124979	BK 2022 Analyzer Replacements	January 2022	2024	12,725	15,314	1,157	10%
00123828	MPS 027-T1 - Tank Retrofits	July 2024	2024	12,679	14,911	1,153	10%
00124959	PV 015-PT1 - Saddle Retrofit	August 2024	2024	12,613	15,158	1,147	10%
00123290	LAS 042-T2 - Tank Retrofits	March 2024	2024	14,231	16,720	1,294	10%
00123451	MPS 024-T1 - Tank Retrofits	April 2024	2024	12,827	15,117	1,166	10%
00125058	KRV 2024 Analyzer Replacements	March 2024	2024	11,963	14,502	1,088	10%
00124997	CH 2024 Analyzers Replacement	July 2024	2024	6,454	7,587	587	10%
00125108	STK 2024 Analyzer Replacement	January 2024	2024	11,829	13,836	1,075	10%
00125431	CH-HC 2024 Analyzer Replacement	July 2024	2024	11,829	14,149	1,075	10%
KRV0900_2024	Meter Replacement Program	January 2024	2024	11,072	13,422	-	0%
00125197	RD 2024 Hand Tools	August 2024	2024	9,479	9,805	-	0%
AVD0900_2024	Meter Replacement Program	January 2024	2024	10,858	12,411	-	0%
00125110	WIL 2022 Analyzer Replacement	July 2024	2024	11,270	13,587	1,033	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00125196	RD 2023 Hand Tools	January 2023	2024	9,479	9,942	-	0%
00124624	SSF 101-T1 - Tank Retrofits	January 2024	2024	11,020	13,126	1,002	10%
00125195	RD 2022 Hand Tools	October 2022	2024	7,109	7,456	-	0%
00123271	DOM 203-T2 - Tank Retrofits	July 2022	2024	8,439	10,074	767	10%
00123262	HR 005-T1 - Tank Retrofits	January 2024	2024	10,249	12,306	932	10%
00123248	ORO Tank Exterior Ladder Lifelines	August 2022	2024	12,963	15,088	1,178	10%
00123531	WLK Tank Exterior Ladder Lifelines	March 2022	2024	13,502	15,742	1,228	10%
00125141	LIV 2022 Sample Site	July 2024	2024	8,221	9,596	1,370	20%
00125173	SLN- SLNH 2022 Sample Site	October 2022	2024	21,097	24,606	3,516	20%
00125082	ORO 2024 Analyzer Replacement	January 2024	2024	7,828	9,370	712	10%
00125155	HR 2022 Sample Site	January 2022	2024	7,810	9,378	1,302	20%
00125026	DOM 2022 Analyzer Replacement	May 2023	2024	70,886	82,873	6,444	10%
00124986	BK 2024 Analyzers Replacement	January 2024	2024	6,997	8,421	636	10%
00123286	LAS 121-T3 - Tank Retrofits	March 2024	2024	11,477	13,452	1,043	10%
00124241	CH New gas monitors	July 2024	2024	6,304	6,626	573	10%
00123217	DIX 010-T1 - Ext Ladder Lifeline	August 2022	2024	9,451	11,011	859	10%
00123219	WIL 011-T1 - Ext Ladder Lifeline	August 2022	2024	9,115	10,683	829	10%
00123283	MPS 112-T1 - Tank Retrofits	June 2022	2024	8,439	9,945	767	10%
125523	ARM 2024 Physical Security Upgrades	January 2024	2024	6,221	7,480	566	10%
00123318	SSF 001-T2 - Tank Retrofits	August 2023	2024	3,510	4,084	319	10%
00123204	LIV 013-T2 - Tank Retrofits	November 2023	2024	7,556	8,796	687	10%
00125520	HKN 2022 Physical Security Upgrades	October 2022	2024	3,207	3,745	292	10%
00124983	BK 2023 Analyzers Replacement	April 2024	2024	5,122	6,165	466	10%
00125434	RDV-HWK 2023 Analyzer Replacement	January 2023	2024	4,920	5,916	447	10%
00124248	MPS 123-T4 - Tank Retrofits	January 2024	2024	4,915	5,854	447	10%
00123273	DOM 203-T4 - Tank Retrofits	June 2022	2024	3,376	4,030	307	10%
122UNSCH	PVD Unscheduled Replacements	January 2024	2024	1,329,257	1,559,613	-	0%
122UNSCH	PVD Unscheduled Replacements	January 2024	2024	1,362,489	1,572,432	-	0%
101-NON-SP	101- Bakersfield Non-specific	January 2024	2024	2,143,450	2,564,511	-	0%
330-NON-SP	330- General Office Non-specific	January 2024	2024	1,915,087	2,028,272	-	0%
111-NON-SP	111- Los Altos Suburban Non-specifi	January 2024	2024	1,407,750	1,669,713	-	0%
114-NON-SP	114- Salinas Non-specific	January 2024	2024	1,068,139	1,257,016	-	0%
116-NON-SP	116- Mid Peninsula Non-specific	January 2024	2024	990,225	1,179,482	-	0%
102-NON-SP	102- Bear Gulch Non-specific	January 2024	2024	888,269	1,050,617	-	0%
119-NON-SP	119- Stockton Non-specific	January 2024	2024	797,722	945,434	-	0%
106-NON-SP	106- East Los Angeles Non-specific	January 2024	2024	839,532	986,868	-	0%
104-NON-SP	104- Chico Non-specific	January 2024	2024	731,137	870,583	-	0%
128-NON-SP	128- Dominguez Non-specific	January 2024	2024	712,799	850,450	-	0%
120-NON-SP	120- Visalia Non-specific	January 2024	2024	586,800	697,922	-	0%
108-NON-SP	108- Hermosa Redondo Non-specific	January 2024	2024	623,351	748,151	-	0%
122-NON-SP	122- Palos Verdes Non-specific	January 2024	2024	429,556	515,204	-	0%
110-NON-SP	110- Livermore Non-specific	January 2024	2024	309,914	369,550	-	0%
157-NON-SP	157- Travis Non-Specific	January 2024	2024	364,296	389,815	-	0%
134-NON-SP	134- Kern River Valley Non-specific	January 2024	2024	225,182	270,338	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
117-NON-SP	117- Selma Non-specific	January 2024	2024	159,632	188,418	-	0%
118-NON-SP	118- So. San Francisco Non-specific	January 2024	2024	139,072	165,652	-	0%
123-NON-SP	123- Westlake Non-specific	January 2024	2024	163,713	193,956	-	0%
146-NON-SP	146- Redwood Valley Non-specific	January 2024	2024	194,899	231,838	-	0%
151-NON-SP	151- Rancho Dom Reg Non-specific	January 2024	2024	154,738	167,480	-	0%
121-NON-SP	121- Willows Non-specific	January 2024	2024	92,177	111,540	-	0%
105-NON-SP	105- Dixon Non-specific	January 2024	2024	168,776	201,398	-	0%
113-NON-SP	113- Oroville Non-specific	January 2024	2024	123,359	147,126	-	0%
112-NON-SP	112- Marysville Non-specific	January 2024	2024	83,665	99,186	-	0%
109-NON-SP	109- King City Non-specific	January 2024	2024	52,218	61,064	-	0%
152-NON-SP	152- Bayshore Non-specific	January 2024	2024	37,084	38,897	-	0%
129-NON-SP	129- Antelope Valley Non-specific	January 2024	2024	38,397	43,888	-	0%
101UNSCH	BKD Unscheduled Replacements	January 2024	2024	5,566,798	6,699,447	-	0%
102UNSCH	BGD Unscheduled Replacements	January 2024	2024	2,610,949	3,110,105	-	0%
104UNSCH	CHD Unsheduled Replacement	January 2024	2024	1,738,584	2,079,544	-	0%
105UNSCH	DIX Unscheduled Replacements	January 2024	2024	182,863	221,391	-	0%
106UNSCH	ELA Unscheduled Replacements	January 2024	2024	1,480,975	1,772,985	-	0%
108UNSCH	HRD Unscheduled Replacements	January 2024	2024	1,425,471	1,711,557	-	0%
109UNSCH	KCD Unscheduled Replacements	January 2024	2024	310,451	372,899	-	0%
110UNSCH	LIV Unscheduled Replacements	January 2024	2024	990,220	1,187,373	-	0%
111UNSCH	LAS Unscheduled Replacements	January 2024	2024	1,608,720	1,921,554	-	0%
112UNSCH	MRL Unscheduled Replacements	January 2024	2024	217,818	259,509	-	0%
113UNSCH	ORO Unscheduled Replacements	January 2024	2024	497,566	595,596	-	0%
114UNSCH	SLN Unscheduled Replacements	January 2024	2024	2,671,645	3,188,647	-	0%
116UNSCH	MPS Unscheduled Replacements	January 2024	2024	2,416,401	2,878,236	-	0%
117UNSCH	SEL Unscheduled Replacements	January 2024	2024	541,903	645,906	-	0%
118UNSCH	SSF Unscheduled Replacements	January 2024	2024	680,006	809,973	-	0%
119UNSCH	STK Unscheduled Replacements	January 2024	2024	2,172,329	2,602,579	-	0%
120UNSCH	VIS Unscheduled Replacements	January 2024	2024	2,494,114	2,980,237	-	0%
121UNSCH	WIL Unscheduled Replacements	January 2024	2024	101,934	122,886	-	0%
122UNSCH	PVD Unscheduled Replacements	January 2024	2024	1,196,089	1,437,460	-	0%
123UNSCH	WLK Unscheduled Replacements	January 2024	2024	733,715	873,740	-	0%
128UNSCH	DOM Unscheduled Replacements	January 2024	2024	1,102,621	1,316,283	-	0%
129UNSCH	AVD Unscheduled Replacements	January 2024	2024	1,292	1,477	-	0%
134UNSCH	KRV Unscheduled Replacements	January 2024	2024	54,458	66,020	-	0%
146UNSCH	RDV Unscheduled Replacements	January 2024	2024	174,329	211,373	-	0%
147UNSCH	LUC Unscheduled Replacements	January 2024	2024	51,029	61,697	-	0%
157UNSCH	TAB Unscheduled Replacements	January 2024	2024	64,281	76,746	-	0%
152MRP25	BAY 2025 Main Replacement Program	January 2025	2025	26,530,319	30,925,740	2,295,631	10%
152MRP26	BAY 2026 Main Replacement Program	January 2026	2026	27,193,577	31,622,731	2,295,631	10%
152MRP27	BAY 2027 Main Replacement Program	January 2027	2027	27,872,753	31,881,903	2,295,631	10%
119MRP25	STK 2025 Main Replacement Program	January 2025	2025	20,405,790	23,924,994	1,765,684	10%
119MRP26	STK 2026 Main Replacement Program	January 2026	2026	20,915,935	24,464,206	1,765,684	10%
119MRP27	STK 2027 Main Replacement Program	January 2027	2027	19,422,525	22,345,540	1,765,684	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
101MRP25	BK 2025 Main Replacement Program	January 2025	2025	17,652,263	20,789,979	1,527,425	10%
101MRP26	BK 2026 Main Replacement Program	January 2026	2026	18,093,570	21,258,535	1,527,425	10%
101MRP27	BK 2027 Main Replacement Program	January 2027	2027	18,545,467	21,432,765	1,527,425	10%
102MRP25	BG 2025 Main Replacement Program	January 2025	2025	14,567,401	16,981,612	1,260,497	10%
102MRP26	BG 2026 Main Replacement Program	January 2026	2026	14,931,586	17,364,337	1,260,497	10%
102MRP27	BG 2027 Main Replacement Program	January 2027	2027	14,931,231	17,079,659	1,260,497	10%
122MRP26	PV 2026 Main Replacement Program	January 2026	2026	12,863,320	15,092,484	1,085,897	10%
122MRP27	PV 2027 Main Replacement Program	January 2027	2027	13,184,589	15,216,178	1,085,897	10%
111MRP26	LAS 2026 Main Replacement Program	January 2026	2026	11,024,424	12,855,933	930,661	10%
111MRP27	LAS 2027 Main Replacement Program	January 2027	2027	11,299,766	12,961,297	930,661	10%
00132534	LAS 2025 - MCC Replacements	January 2025	2027	5,737,409	6,581,045	887,786	20%
00132210	MSPO Configuration/Upgrades	January 2025	2025	936,320	972,331	851,200	10%
128MRP25	DOM 2025 Main Replacement Program	January 2025	2025	9,730,723	11,368,110	841,986	10%
128MRP26	DOM 2026 Main Replacement Program	January 2026	2026	9,973,992	11,624,320	841,986	10%
128MRP27	DOM 2027 Main Replacement Program	January 2027	2027	10,223,098	11,719,590	841,986	10%
120MRP25	VIS 2025 Main Replacement Program	January 2025	2025	9,400,337	10,992,542	813,398	10%
120MRP26	VIS 2026 Main Replacement Program	January 2026	2026	9,635,345	11,240,287	813,398	10%
120MRP27	VIS 2027 Main Replacement Program	January 2027	2027	9,875,994	11,332,410	813,398	10%
104MRP25	CH 2025 Main Replacement Program	January 2025	2025	8,355,485	9,780,571	722,988	10%
104MRP26	CH 2026 Main Replacement Program	January 2026	2026	8,564,372	10,001,002	722,988	10%
104MRP27	CH 2027 Main Replacement Program	January 2027	2027	8,778,272	10,082,968	722,988	10%
122MRP25	PV 2025 Main Replacement Program	January 2025	2025	7,843,042	9,224,372	678,647	10%
114MRP25	SLN 2025 Main Replacement Program	January 2025	2025	6,463,991	7,550,027	671,171	10%
111MRP25	LAS 2025 Main Replacement Program	January 2025	2025	7,595,458	8,878,636	657,224	10%
00132513	CH 2025 - MCC Replacements	January 2025	2027	4,059,230	4,662,545	628,111	20%
106MRP25	ELA 2025 Main Replacement Program	January 2025	2025	6,681,004	7,827,430	578,098	10%
106MRP26	ELA 2026 Main Replacement Program	January 2026	2026	6,848,029	8,003,842	578,098	10%
106MRP27	ELA 2027 Main Replacement Program	January 2027	2027	7,019,063	8,069,439	578,098	10%
108MRP25	HR 2025 Main Replacement Program	January 2025	2025	6,507,330	7,646,379	563,070	10%
108MRP26	HR 2026 Main Replacement Program	January 2026	2026	6,670,013	7,818,710	563,070	10%
108MRP27	HR 2027 Main Replacement Program	January 2027	2027	6,836,601	7,882,791	563,070	10%
114MRP26	SLN 2026 Main Replacement Program	January 2026	2026	6,625,590	7,720,186	559,320	10%
114MRP27	SLN 2027 Main Replacement Program	January 2027	2027	6,791,068	7,783,459	559,320	10%
110MRP25	LIV 2025 Main Replacement Program	January 2025	2025	6,173,332	7,244,284	534,170	10%
110MRP26	LIV 2026 Main Replacement Program	January 2026	2026	6,327,666	7,407,553	534,170	10%
110MRP27	LIV 2027 Main Replacement Program	January 2027	2027	6,485,703	7,468,263	534,170	10%
00133233	SLN New Well Station 155 Zone	April 2025	2027	5,499,650	6,303,323	468,714	10%
00133127	PV 015 Station Rebuild Constr	January 2026	2025	4,943,493	5,672,842	449,408	10%
00132546	SLN 2025 - MCC Replacement	January 2025	2027	2,675,806	3,066,827	414,045	20%
00133287	LAS New Well Property Purchase	January 2025	2026	4,786,474	5,568,578	409,273	10%
00132529	KRV 2025 - MCC Replacements	January 2025	2027	2,198,188	2,559,056	366,365	20%
00132548	STK 2026 - MCC Replacements	January 2026	2027	2,394,767	2,755,170	366,059	20%
00132508	BG 2025 - MCC Replacements	January 2025	2027	2,361,928	2,701,781	365,476	20%
00132561	BK 2026 - Genset Replacements	January 2026	2027	2,307,427	2,666,664	352,708	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132553	WLK 2025 - MCC Replacement	January 2025	2027	2,242,944	2,564,959	347,065	20%
00132573	SLN 2026 - Genset Replacement	January 2026	2027	2,155,255	2,470,206	329,447	10%
00132499	BAY 2025 - MCC Replacemen	January 2025	2027	2,083,329	2,382,990	322,367	20%
00133238	SLN 064 Ion Exchange	June 2025	2027	3,185,075	3,600,590	289,552	10%
00133053	DOM 203 Station Rebuild	January 2026	2027	2,739,388	3,140,389	260,242	10%
00133236	SLN 037 Treatment Plant Upgrades	June 2025	2027	2,715,417	3,105,132	246,856	10%
00132537	LIV MCC Replacements	January 2025	2027	1,577,200	1,816,140	244,050	20%
00133239	SLN 065 Install Upgraded Treatment	January 2026	2027	2,570,083	2,925,511	233,644	10%
00133237	SLN 039 As Treatment	January 2026	2027	2,564,863	2,912,868	233,169	10%
00132998	SM 017 Station Rebuild Construction	January 2026	2027	1,003,081	1,135,218	229,841	10%
00132565	DOM 2026 - Genset Replacement	January 2026	2027	1,438,676	1,649,275	219,913	10%
00132564	CH 2026 - Genset Replacement	January 2026	2027	1,413,512	1,623,600	218,764	10%
00133107	LIV 2026 Tank Improvements	January 2026	2026	1,319,796	1,545,035	217,484	10%
00132523	DOM 2027 - MCC Replacement	January 2027	2027	1,383,701	1,586,252	208,932	20%
00133248	SEL 016 Panelboard & Generator	January 2025	2027	2,388,112	2,733,442	201,561	10%
00132912	LAS STA 042 Rebuild	January 2025	2027	2,192,265	2,514,619	199,297	10%
00133232	SLN 078 New Well Equipping	January 2025	2026	2,320,074	2,678,719	198,497	10%
00132997	MPS Replace Transmission Valves	January 2025	2026	2,128,901	2,424,807	193,536	10%
00133074	ELA 2027 Tank Improvements	January 2027	2027	1,162,385	1,336,332	187,522	10%
123MRP25	WLK 2025 Main Replacement Program	January 2025	2025	2,047,719	2,386,414	177,186	10%
123MRP26	WLK 2026 Main Replacement Program	January 2026	2026	2,098,912	2,440,198	177,186	10%
123MRP27	WLK 2027 Main Replacement Program	January 2027	2027	2,151,334	2,460,197	177,186	10%
00132045	PV 2025 Control Valve Overhauls	January 2025	2025	2,030,569	2,388,196	175,702	10%
00133720	LLAN Intertie & Land	January 2025	2027	1,049,928	1,196,366	174,988	10%
00132046	PV 2026 Control Valve Overhauls	January 2026	2026	2,063,989	2,421,670	174,238	10%
00132047	PV 2027 Control Valve Overhauls	January 2027	2027	2,115,538	2,441,518	174,238	10%
00133787	MSHA 003 New Storage Tanks	January 2025	2027	1,994,860	2,314,139	168,489	10%
00133082	HR 026 Station Rebuild Constr	January 2026	2027	1,832,710	2,113,165	166,610	10%
00133198	BK NEWTP Raw Water Pumps VFD	January 2026	2027	864,640	999,254	160,581	10%
00132999	MPS 2025 Tank Improvements	January 2025	2025	1,585,920	1,844,227	144,175	10%
00132574	WLK 2026 - Genset Replacement	January 2026	2027	932,584	1,066,473	142,553	10%
00133413	VIS Office Space Acquisition	January 2025	2025	1,548,100	1,776,399	142,100	10%
00132985	SC 117 Station Rebuild Constr	January 2026	2027	992,658	1,118,615	141,908	10%
00133103	LAS 2025 Tank Improvements	January 2025	2025	1,620,985	1,894,835	140,262	10%
00132264	BK 2027 VEHICLE REPLACEMENT PROGRAM	January 2027	2027	1,698,022	1,795,536	139,851	10%
00133646	CSS 2026 AMI INITIATIVE-IT INT/DEV	January 2026	2026	1,537,615	1,596,751	139,783	10%
00133040	DIX 004 Install VFD	January 2026	2027	297,629	336,538	137,242	10%
00132539	MRL 2025 - MCC Replacement	January 2025	2027	862,210	986,461	133,415	20%
00133283	LAS 117 Station Rebuild Constr	January 2025	2027	1,395,763	1,600,998	126,888	10%
00133291	LAS 116 Disinfection	June 2025	2027	1,183,253	1,341,335	113,779	10%
00132993	SC Wildfire Mitigation 585 Zone	January 2026	2027	1,351,392	1,542,500	112,735	10%
00132913	LIV New Main Tesla Road	January 2026	2027	1,342,515	1,545,901	111,935	10%
00133022	BG 002 New Ops Building Design	January 2025	2027	1,204,500	1,377,813	109,500	10%
117MRP26	SEL 2026 Main Replacement Program	January 2026	2026	1,293,704	1,505,423	109,212	10%

[A]	[B]	[C]	[D]	[E]			
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117MRP27	SEL 2027 Main Replacement Program	January 2027	2027	1,326,015	1,517,761	109,212	10%
117MRP25	SEL 2025 Main Replacement Program	January 2025	2025	1,262,150	1,472,243	109,212	10%
00133181	BK Low Zone - Kern River Crossing	January 2025	2027	1,282,944	1,443,323	109,184	10%
00132031	PV 2025 ACV Replacements	January 2025	2027	1,256,025	1,477,238	108,682	10%
00132033	PV 2027 ACV Replacements	January 2027	2027	1,319,580	1,522,912	108,682	10%
00132032	PV 2026 ACV Replacements	January 2026	2026	1,236,800	1,451,133	104,408	10%
00133273	LAS 2026 Isolation Valve Install	January 2026	2026	1,234,576	1,439,678	104,221	10%
00133274	LAS 2027 Isolation Valve Install	January 2027	2027	1,265,410	1,451,477	104,221	10%
00132989	SC 112 T2-T3 Residual Control	January 2025	2027	1,205,420	1,349,618	102,718	10%
00132341	RD 2027 VEHICLE REPLACEMENT PROGRAM	January 2027	2027	1,228,608	1,288,623	101,190	10%
00133290	LAS 112 Chlorination	January 2025	2027	1,178,004	1,319,551	100,382	10%
00133018	BG 016-T2 Mixing and Dosing	January 2025	2027	1,177,813	1,318,719	100,366	10%
00133019	BG 017-T1 Mixing and Dosing	January 2025	2027	1,177,813	1,318,719	100,366	10%
00133113	LIV 025-T2 Chloramination	January 2025	2027	1,176,252	1,318,462	100,233	10%
00133123	ORO 015 Clarification Improvements	January 2025	2027	1,195,610	1,360,516	99,933	10%
00133794	ELA I-5 Crossing - Humphreys Ave	January 2025	2026	1,096,413	1,228,632	99,674	10%
00134300	MPS 2025 Brackish Aquifer Conductiv	January 2025	2025	1,143,105	1,329,288	98,911	10%
00133009	BG Skylonda to Skyline Main Conn	June 2025	2027	1,158,428	1,319,492	97,527	10%
00132815	Digital Twin Ops Optimization	January 2025	2026	1,137,370	1,181,113	97,200	10%
00133111	LIV 022-T1 Chloramination System	January 2025	2027	1,138,116	1,275,715	96,983	10%
00133251	SEL 2025 Tank Improvements	January 2025	2025	597,508	696,967	96,904	10%
00133496	TAB 2025 Tank Improvements	January 2025	2025	1,089,281	1,272,727	96,610	10%
00133115	LIV 029 Chloramination System	January 2025	2027	1,128,117	1,264,507	96,131	10%
00133026	BG 2025 Tank Improvements	January 2025	2025	1,104,721	1,284,709	95,590	10%
146MRP25	RDV 2025 Main Replacement Program	January 2025	2025	1,101,072	1,306,523	95,274	10%
146MRP26	RDV 2026 Main Replacement Program	January 2026	2026	1,128,599	1,335,969	95,274	10%
146MRP27	RDV 2027 Main Replacement Program	January 2027	2027	1,156,787	1,346,918	95,274	10%
00133068	ELA 042 Mixing and Dosing	January 2026	2027	1,137,561	1,294,572	95,081	10%
00133230	SLN Pipe Design 180 to 400 Zones	June 2025	2026	1,110,599	1,282,280	94,834	10%
00133796	ELA 1-5 Crossing - Atlantic Blvd	January 2025	2026	1,040,947	1,163,453	94,632	10%
113MRP25	ORO 2025 Main Replacement Program	January 2025	2025	1,090,862	1,277,885	94,391	10%
113MRP26	ORO 2026 Main Replacement Program	January 2026	2026	1,118,134	1,306,685	94,391	10%
113MRP27	ORO 2027 Main Replacement Program	January 2027	2027	1,146,060	1,317,395	94,391	10%
00133206	STK Portable Generators	January 2026	2027	1,029,257	1,062,162	93,569	10%
00133001	MPS 2026 Tank Improvements	January 2026	2026	1,021,270	1,187,609	92,843	10%
00133069	ELA 058 Nitrification Treatment	January 2025	2026	1,063,321	1,210,085	91,097	10%
00133152	VIS 048 New Generator	June 2025	2027	995,164	1,141,921	90,469	10%
00133012	BG 036 New 125K Gal Tank	June 2025	2027	1,058,510	1,203,115	89,185	10%
105MRP25	DIX 2025 Main Replacement Program	January 2025	2025	1,012,923	1,200,135	87,647	10%
105MRP26	DIX 2026 Main Replacement Program	January 2026	2026	1,038,246	1,227,183	87,647	10%
105MRP27	DIX 2027 Main Replacement Program	January 2027	2027	1,064,177	1,237,241	87,647	10%
00132984	SM 027 Paving	January 2025	2026	1,024,173	1,171,487	87,526	10%
00132977	FMT 001 Station Rebuild	January 2025	2027	1,027,990	1,128,364	86,764	10%
00133004	MPS 2027 Tank Improvements	January 2027	2027	948,073	1,084,441	86,188	10%

[A]	[B]	[C]	[D]	[E]			
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00133313	BK 2026 Physical Security Upgrades	January 2026	2026	1,018,793	1,177,406	86,005	10%
112MRP25	MRL 2025 Main Replacement Program	January 2025	2025	993,520	1,158,395	85,968	10%
112MRP26	MRL 2026 Main Replacement Program	January 2026	2026	1,018,358	1,184,502	85,968	10%
109MRP25	KC 2025 Main Replacement Program	January 2025	2025	987,351	1,160,620	85,434	10%
109MRP26	KC 2026 Main Replacement Program	January 2026	2026	1,012,035	1,186,778	85,434	10%
109MRP27	KC 2027 Main Replacement Program	January 2027	2027	1,037,312	1,196,505	85,434	10%
00133051	DOM 2027 Hydrant-Iso Valve Installs	January 2027	2027	1,034,714	1,186,178	85,220	10%
00133047	DOM 232 Nitrification Improvements	January 2025	2026	915,411	1,061,976	83,219	10%
00133156	VIS New Tank & Booster Sta Property	January 2025	2027	971,728	1,109,735	82,135	10%
00133281	LAS PRV Replace El Monte & Foothill	January 2025	2026	957,185	1,116,204	81,801	10%
00133260	LUC PRV Install 17th & Country Club	January 2026	2027	977,415	1,134,848	81,494	10%
00134719	BK - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	892,013	943,239	81,092	10%
00133122	ORO 011 Station Rebuild	January 2025	2027	957,740	1,095,380	80,953	10%
00132029	BK 2026 Flowmeter Replacements	January 2026	2026	972,844	1,139,645	79,393	10%
00133149	VIS Property Purchase	January 2025	2026	865,686	976,842	74,360	10%
121MRP25	WIL 2025 Main Replacement Program	January 2025	2025	840,009	991,030	72,685	10%
121MRP26	WIL 2026 Main Replacement Program	January 2026	2026	861,009	1,013,366	72,685	10%
121MRP27	WIL 2027 Main Replacement Program	January 2027	2027	882,513	1,021,671	72,685	10%
00133795	ELA I-5 Crossing - Eastern Ave	January 2025	2026	791,465	886,910	71,951	10%
00132983	SSF 008-T1 Preliminary Design	January 2025	2026	830,667	949,604	71,430	10%
00133037	CH 2025 Tank Improvements	January 2025	2025	818,955	958,634	70,863	10%
00133134	WLK 008 Access Road Replacement	June 2025	2026	773,782	875,592	70,344	10%
00133153	VIS 080 New Generator	March 2025	2026	759,794	865,632	69,072	10%
00133314	BK 2027 Physical Security Upgrades	January 2027	2027	831,067	960,453	68,442	10%
00133235	SLNH Property Purchase	January 2025	2026	791,998	908,117	68,030	10%
00132973	LEO-001 Generator	January 2025	2027	801,462	886,586	67,982	10%
00133217	STK Land Purchase #2	January 2025	2027	787,097	900,867	66,529	10%
00132675	VIS 2025 Carbon Changeouts	January 2025	2025	758,663	887,164	65,647	10%
00132676	VIS 2026 Carbon Changeouts	January 2026	2026	777,629	907,157	65,646	10%
00132677	VIS 2027 Carbon Changeouts	January 2027	2027	797,051	914,592	65,646	10%
00133216	STK Property Purchase #1	June 2025	2027	762,450	865,850	64,354	10%
00133276	LAS New PRV Blandor To Price	January 2025	2026	750,554	873,194	64,177	10%
00132976	LAN 001 CrVI Treatment	January 2025	2027	680,503	753,752	61,864	10%
00133416	VIS Building Upgrades Design	January 2026	2027	679,800	780,050	61,800	10%
00132267	BAY 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	726,767	760,624	61,354	10%
00133049	DOM 2025 Hydrant Iso-Valve Install	January 2025	2025	669,599	782,272	60,873	10%
00132316	ELA 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	717,269	754,495	60,551	10%
00132822	SLN 2026 Physical Security Upgrades	January 2026	2026	709,486	826,698	59,893	10%
00132972	LAS Transmission Valve	January 2025	2026	688,751	799,410	58,927	10%
00133029	CH 050 Partial Station Rebuild	January 2025	2026	682,011	782,726	58,583	10%
00133092	KC 012 New Generator	January 2025	2027	671,323	761,364	56,943	10%
00133002	SSF 2026 Tank Improvements	January 2026	2026	663,877	772,006	56,043	10%
00132317	ELA 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	691,419	727,303	55,655	10%
00132735	CH 2027 Physical Security Upgrades	January 2027	2027	673,829	773,979	55,497	10%

[A]	[B]	[C]	[D]	[E]			
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00133135	WLK 009 Access Road Replacement	January 2026	2027	600,832	671,238	54,621	10%
00133219	SLN 2026 Tank Improvements	January 2026	2026	641,976	748,035	54,194	10%
00133799	COS 007 New Access Driveway	January 2025	2027	637,964	648,550	54,061	10%
00132311	CH 2027 VEHICLE REPLACEMENT PROGRAM	January 2027	2027	654,769	688,141	53,928	10%
00133197	BK NEWTP New Filter Modules	January 2025	2026	629,321	727,299	53,782	10%
00133203	STK 035 New Generator	January 2025	2027	633,377	717,388	53,724	10%
00133000	SSF 2025 Tank Improvements	January 2025	2025	613,682	713,635	53,101	10%
00133376	BAY Field Yard Classroom Remodel	January 2026	2027	571,509	653,714	51,955	10%
00133119	MRL Well Land Acquisition	January 2026	2027	614,396	699,932	51,284	10%
00133124	ORO 015 Chlorine System	January 2025	2027	603,798	683,584	51,215	10%
00131990	2026 BAY - 6 Flowmeter Replacements	January 2026	2026	622,139	720,407	50,784	10%
129MRP25	AV 2025 Main Replacement Program	January 2025	2025	585,543	654,987	50,666	10%
129MRP26	AV 2026 Main Replacement Program	January 2026	2026	600,182	669,748	50,666	10%
129MRP27	AV 2027 Main Replacement Program	January 2027	2027	615,172	675,237	50,666	10%
00132352	STK 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	590,633	621,747	50,274	10%
00132345	SLN 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	549,914	576,687	50,058	10%
00133013	BG Brackish Aquifer Conductivity	January 2025	2025	571,553	664,674	49,456	10%
00134303	SSF 2025 Brackish Aquifer Conductiv	January 2025	2025	571,553	664,645	49,456	10%
00133133	WLK 007 Driveway & Wall Constr	January 2025	2027	539,556	617,019	49,051	10%
00133200	STK 2025 Tank Improvements	January 2025	2025	559,853	656,405	48,443	10%
00133091	KC Office Generator	June 2025	2027	572,745	658,796	48,183	10%
00132991	SC 109 New Generator and ATS	January 2025	2027	567,488	642,243	48,089	10%
00132821	STK 2026 Physical Security Upgrades	January 2026	2026	568,933	665,449	48,028	10%
00133224	SLN 203 New Generator	January 2025	2027	565,409	639,170	47,959	10%
00133225	SLN 057 New Generator	January 2025	2027	559,738	632,759	47,478	10%
00132360	VIS 2025 Vehicle Replacment Progr	January 2025	2025	547,345	574,663	47,361	10%
00133192	BK NG Property Purchase #2	January 2025	2025	545,083	641,972	47,165	10%
00133194	BK NG Property Purchase	January 2025	2026	551,276	633,345	47,165	10%
00132320	CSS 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	567,043	588,851	46,702	10%
00132746	VIS 2025 Flowmeter Replacements	January 2027	2027	503,844	575,401	45,804	10%
00134771	VIS - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	503,393	528,517	45,763	10%
00132442	ELA - ADDITIONAL LEAK TRUCKS	January 2026	2026	526,138	553,445	45,526	10%
00132874	DOM 2025 Physical Security Upgrades	January 2025	2025	520,227	607,765	45,014	10%
00132880	DOM 2027 Physical Security Upgrades	January 2027	2027	538,268	617,062	44,332	10%
00132752	DOM WB-10 Electrical Upgrade	January 2025	2027	474,748	535,492	43,159	10%
00132263	BK 2026 VEHICLE REPLACEMENT PROGRAM	January 2026	2026	506,147	535,214	42,728	10%
00133190	BK Railroad Main Replacement Study	January 2026	2026	502,223	590,073	42,397	10%
00133006	BG 043 New Generator	June 2025	2027	503,664	576,136	42,342	10%
00133478	KERV 001 Treatment Upgrades	January 2025	2027	465,012	526,042	42,274	10%
00131992	MPS 2026 Control Valve Overhauls	January 2026	2026	498,424	579,605	42,076	10%
00132818	PV 2027 Physical Security Upgrades	January 2027	2026	503,462	581,040	41,466	10%
00132935	SSF 2026 Physical Security Upgrades	January 2026	2026	488,577	568,155	41,245	10%
00133487	RDV 2025 Tank Improvements	January 2025	2025	476,111	563,592	41,197	10%
00133597	LAS-AMI INITIATIVE-VEHICLES/EQUIP	January 2025	2025	474,132	497,609	41,026	10%

[A]			[B]	[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00133089	KC 2026 Tank Improvements	January 2026	2026	250,888	294,207	40,913	10%
00132885	MPS 2025 Physical Security Upgrades	January 2025	2025	470,035	547,908	40,671	10%
00131977	BG 2025 Control Valve Overhauls	January 2025	2025	467,565	545,053	40,458	10%
00131984	BG 2026 Control Valve Overhauls	January 2026	2026	479,254	557,338	40,458	10%
00131985	BG 2027 Control Valve Overhauls	January 2027	2027	491,224	561,906	40,458	10%
00131991	MPS 2025 Control Valve Overhauls	January 2025	2025	467,565	545,029	40,458	10%
00131993	MPS 2027 Control Valve Overhauls	January 2027	2027	491,224	561,881	40,458	10%
00133182	BK NEWTP MF Feed Pumps VFD	January 2026	2027	444,977	514,254	40,452	10%
00133188	BK 2027 Station Resurfacing	January 2027	2027	489,177	565,336	40,289	10%
00132875	DOM 2026 Physical Security Upgrades	January 2026	2026	470,892	548,807	39,752	10%
00133538	Halo Acetic Acids analytical tester	January 2025	2025	455,328	472,840	39,399	10%
00132817	PV 2026 Physical Security Upgrades	January 2026	2025	462,391	533,640	39,034	10%
00133031	CH 064 New Generator	January 2025	2027	456,045	516,108	38,683	10%
00132753	DOM WB-21 SCADA Upgrade	January 2025	2026	421,497	491,239	38,318	10%
00132824	SSF 2025 Physical Security Upgrades	January 2025	2025	439,017	511,751	37,987	10%
00132660	BK 176 Pressure Tank Replacement	January 2026	2027	480,522	552,057	37,986	10%
00132661	SLN 061 Pressure Vessel Replacement	January 2026	2027	480,522	540,699	37,986	10%
00132742	VIS-060 Pressure Tank Replacement	January 2026	2027	480,522	544,840	37,986	10%
00132743	VIS-069 Pressure Tank replacement	January 2026	2027	480,522	544,840	37,986	10%
00133187	BK 2026 Station Resurfacing	January 2026	2026	443,163	520,682	37,411	10%
00133212	STK 036 Well Assessment	January 2026	2027	201,335	230,437	37,392	10%
00132026	BK 2026 Control Valve Overhauls	January 2026	2026	438,176	514,822	36,990	10%
00132028	BK 2027 Control Valve Overhauls	January 2027	2027	449,119	519,042	36,990	10%
00132951	VIS 2027 Physical Security Upgrades	January 2027	2027	442,015	507,199	36,405	10%
00131986	BAY 2025 ACV Replacements	January 2025	2025	418,675	488,039	36,227	10%
00131987	BAY 2026 ACV Replacements	January 2026	2026	429,142	499,038	36,227	10%
00131988	BAY 2027 ACV Replacements	January 2027	2027	439,860	503,128	36,227	10%
00132270	BG 2027 VEHICLE REPLACEMENT PROGRAM	January 2027	2027	438,116	458,546	36,084	10%
00133266	NOH 201 Plant Re-Design	January 2025	2027	426,246	492,168	35,976	10%
00132937	SSF 2027 Physical Security Upgrades	January 2027	2027	422,125	482,843	34,767	10%
00132950	VIS 2026 Physical Security Upgrades	January 2026	2026	411,373	479,895	34,727	10%
00132585	Small portable generators	January 2025	2025	377,873	396,027	34,352	10%
00132771	KRV 2026 Physical Security Upgrades	January 2026	2026	405,734	480,204	34,251	10%
00133125	ORO 015 Sed Basin Improv Design	June 2025	2027	404,692	462,852	34,071	10%
00132268	BG 2025 VEHICLE REPLACEMENT PROGRAM	January 2025	2025	392,233	410,524	33,939	10%
00132327	LIV 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	390,870	411,818	33,821	10%
00132319	CSS 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	396,589	411,842	33,479	10%
00132347	SLN 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	366,923	384,786	33,423	10%
00132364	TAFB 2025 Vehicle Replacement Progr	January 2025	2025	384,661	403,526	33,284	10%
00132928	MPS 2026 Physical Security Upgrades	January 2026	2026	388,928	452,275	32,833	10%
00132782	LAS 2025 Physical Security Upgrades	January 2025	2025	376,997	440,687	32,621	10%
00133916	BK 2025 Control Valve Overhaul	January 2025	2025	374,052	440,541	32,366	10%
00132332	LAS 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	386,566	405,707	31,838	10%
00132353	STK 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	386,566	406,929	31,838	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00133474	SMTN 001 Well Improvement Study	January 2026	2026	345,747	406,312	31,432	10%
00133210	STK 018 Well Assessment	January 2026	2027	374,567	430,938	31,230	10%
00132776	KRV 2027 Physical Security Upgrades	January 2027	2027	376,140	437,889	30,979	10%
00132363	VIS 2027 Vehicle Replacement Progr	January 2027	2027	374,577	393,272	30,851	10%
00133121	ORO Riverview Terrace Dr New PRV	January 2025	2026	358,043	414,208	30,674	10%
00132829	HR 2025 Physical Security Upgrades	January 2025	2025	351,896	413,492	30,449	10%
00133213	STK 059 Well Assessment	January 2025	2025	348,729	406,756	30,175	10%
00133249	SEL New Well 2 Land Purchase	January 2025	2027	352,894	394,276	30,113	10%
00132741	ELA 2027 Physical Security Upgrades	January 2027	2027	364,500	419,046	30,021	10%
00132076	CH 2027 Flowmeter Replacements	January 2027	2027	327,501	374,329	29,772	10%
00132310	CH 2026 VEHICLE REPLACEMENT PROGRAM	January 2026	2026	351,882	369,817	29,705	10%
00132362	VIS 2026 Vehicle Replacement Progr	January 2026	2026	351,882	369,444	29,705	10%
00133110	LIV Pump House Roof Replacements	January 2026	2026	348,900	408,444	29,454	10%
00133240	SLN 203 Treatment Maintenance	June 2027	2027	350,877	400,318	28,899	10%
00132309	CH 2025 VEHICLE REPLACEMENT PROGRAM	January 2025	2025	333,575	350,577	28,864	10%
00132455	LIV 2025 Physical Security Upgrades	January 2025	2025	331,634	389,166	28,696	10%
00133241	SLN 303 Treatment Maintenance	January 2025	2025	330,969	385,695	28,638	10%
00133488	RDV 2026 Tank Improvements	January 2026	2026	333,610	394,908	28,163	10%
00133032	CH Portable Booster Pumps	January 2025	2025	324,798	380,195	28,104	10%
00133014	BG KM Tanks Farm Station Rebuild	June 2025	2027	273,850	309,933	27,772	10%
00131966	BG Replace Skyline PRV/Vaults	January 2025	2026	316,660	368,252	27,738	10%
00131997	BK 2025 ACV Replacements	January 2025	2025	319,389	376,161	27,636	10%
00132025	BK 2026 ACV Replacements	January 2026	2026	327,374	384,639	27,636	10%
00132027	BK 2027 ACV Replacements	January 2027	2027	335,550	387,791	27,636	10%
00133137	WIL 2025 Tank Improvements	January 2025	2025	316,221	373,074	27,362	10%
00133608	RDOM LED Light Fixture Retrofit	January 2026	2026	321,495	374,667	27,140	10%
00133016	BG 053 Tank Design & Permitting	June 2025	2027	296,037	335,043	26,912	10%
00132075	CH 2026 Flowmeter Replacements	January 2026	2026	316,417	367,680	26,711	10%
00133223	SLN 072 New Generator	January 2025	2027	288,981	326,681	26,271	10%
00133601	WLK-AMI INITIATIVE-VEHICLES/EQUIP	January 2025	2025	302,482	316,499	26,173	10%
00131998	LAS 2025 Control Valve Overhauls	January 2025	2025	299,242	349,796	25,893	10%
00132000	LAS 2027 Control Valve Overhauls	January 2027	2027	314,383	360,611	25,893	10%
00133914	LAS 2026 Control Valve Overhauls	January 2026	2026	306,723	357,679	25,893	10%
00133030	CH 080 Automatic Discharge Valve	January 2025	2026	298,800	342,925	25,666	10%
00132277	LAS-027-01 Well Renewal	January 2027	2027	297,548	341,300	25,615	10%
00133285	LAS WSFMP Update	January 2026	2026	299,681	349,468	25,299	10%
00132262	BK 2025 VEHICLE REPLACEMENT PROGRAM	January 2025	2025	292,258	309,042	25,289	10%
00133220	SLN 2027 Tank Improvements	January 2027	2027	306,319	351,082	25,229	10%
00133798	MPS 006 Design Only	January 2025	2026	277,272	321,750	25,207	10%
00133028	BG 2027 Tank Improvements	January 2027	2027	305,921	349,940	25,196	10%
00133211	STK Well Siting Study	January 2025	2026	291,320	331,044	25,159	10%
00133204	STK 061 Automatic Transfer Switch	January 2026	2027	59,427	66,779	25,084	10%
00132949	VIS 2025 Physical Security Upgrades	January 2025	2025	282,041	329,812	24,405	10%
00132278	LIV-009-01 Well Renewal	January 2026	2026	288,984	338,303	24,396	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132279	LIV-014-01 Well Renewal	January 2027	2027	296,202	341,075	24,396	10%
00132281	STK-060-01 Well Renewal	January 2025	2025	281,936	329,765	24,396	10%
00132282	VIS 045-01 Well Renewal	January 2026	2026	288,984	331,601	24,396	10%
00132283	VIS 046-01 Well Renewal	January 2025	2025	281,936	329,690	24,396	10%
00132272	BK-125-01 Well Renewal	January 2026	2026	288,984	339,534	24,396	10%
00133229	SLN WSFMP Update	January 2027	2027	292,539	335,288	24,094	10%
00132739	ELA 2025 Physical Security Upgrades	January 2025	2025	275,844	323,178	23,868	10%
00132002	LIV 2026 Flowmeter Replacements	January 2026	2026	281,612	327,921	23,773	10%
00132368	TAFB 2026 Vehicle Replacement Progr	January 2026	2026	280,514	294,271	23,681	10%
00132097	KRV 2026 Flowmeter Replacements	January 2026	2026	288,607	341,579	23,553	10%
00132098	KRV 2027 Flowmeter Replacements	January 2027	2027	295,743	344,293	23,547	10%
00132096	KRV 2025 Flowmeter Replacements	January 2025	2025	281,473	333,937	23,545	10%
00133381	CH New Roof at District Office	January 2026	2026	278,034	303,012	23,471	10%
00133003	SSF 2027 Tank Improvements	January 2027	2027	284,400	325,307	23,423	10%
00132933	MPS 2027 Physical Security Upgrades	January 2027	2027	284,050	324,907	23,395	10%
00132001	LIV 2025 Flowmeter Replacements	January 2025	2025	278,349	324,901	23,284	10%
00133011	Bay Area Water Transfer (BG)	January 2026	2026	270,565	314,647	22,841	10%
00132074	CH 2025 Flowmeter Replacements	January 2025	2025	239,205	278,628	22,797	10%
00132351	STK 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	263,069	276,927	22,763	10%
00132784	LAS 2026 Physical Security Upgrades	January 2026	2026	267,392	311,814	22,573	10%
00133602	CSS 2026 RO Model Improvements	January 2026	2026	266,530	276,781	22,500	10%
00132732	CH 2026 Physical Security Upgrades	January 2026	2026	265,856	310,452	22,443	10%
00132062	HR 2026 Flowmeter Replacements	January 2026	2027	273,679	307,709	22,368	10%
00132063	HR 2027 Flowmeter Replacements	January 2027	2027	281,005	324,007	22,368	10%
00133005	BG 022 New Generator	January 2025	2027	228,040	258,640	21,846	10%
00132007	SLN 2025 Control Valve Overhauls	January 2025	2025	249,368	291,265	21,577	10%
00132008	SLN 2026 Control Valve Overhauls	January 2026	2026	255,602	297,830	21,577	10%
00132010	SLN 2027 Control Valve Overhauls	January 2027	2027	261,986	300,271	21,577	10%
00132091	KRV 2025 Control Valve Overhauls	January 2025	2025	249,368	295,849	21,577	10%
00132298	KRV 2025 Control Valve Overhauls	January 2025	2025	249,368	295,849	21,577	10%
00133489	RDV 2027 Tank Improvements	January 2025	2025	246,573	287,100	21,336	10%
00134123	KRV-ARD 001 Greensand Media Replc.	January 2025	2025	243,459	288,838	21,066	10%
00132040	STK 2026 Flowmeter Replacements	January 2026	2026	256,749	298,751	20,882	10%
00133709	ICP-MS	January 2025	2025	240,309	249,551	20,794	10%
00132740	ELA 2026 Physical Security Upgrades	January 2026	2026	246,065	282,888	20,772	10%
00133126	PV 004 Portable Generator Conn	January 2026	2027	123,033	141,990	20,772	10%
00132296	2026 KRV - ACV Replacements	January 2026	2026	245,531	290,596	20,727	10%
00132233	LIV-034 Pump Replacements (B,C,D)	January 2027	2027	250,624	288,593	20,642	10%
00132041	STK 2027 Flowmeter Replacements	January 2027	2027	256,520	293,598	20,506	10%
00132039	STK 2025 Flowmeter Replacements	January 2025	2025	245,144	280,578	20,506	10%
00132728	BG 2027 Physical Security Upgrades	January 2027	2027	246,363	281,811	20,291	10%
00132093	KRV 2026 Control Valve Overhauls	January 2026	2026	237,345	280,908	20,036	10%
00132809	Virtual Reality Safety / Ops Modules	January 2025	2025	231,138	240,027	20,000	10%
00133476	SOLA Well Siting Study	January 2027	2027	235,092	271,751	19,362	10%

[A]	[B]	[C]	[D]	[E]			
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00132058	HR 2025 Control Valve Overhauls	January 2025	2025	219,978	258,484	19,034	10%
00133269	COS Potable Reuse Study	January 2026	2027	204,768	193,805	18,615	10%
00132043	RDV 2026 Flowmeter Replacement	January 2026	2026	223,069	262,182	18,209	10%
00133196	BK 216 Polymer Storage	January 2025	2026	198,512	233,237	18,047	10%
00133008	BG 005 Variable Frequency Drive	January 2026	2027	196,173	220,117	17,834	10%
00133118	MRL Well Siting Study	January 2025	2025	203,715	236,951	17,627	10%
00132060	HR 2026 Control Valve Overhauls	January 2026	2026	208,133	243,977	17,570	10%
00132061	HR 2027 Control Valve Overhaul	January 2027	2027	213,332	245,977	17,570	10%
00132052	MRL 2026 Flowmeter Replacement	January 2026	2026	210,075	243,305	17,155	10%
00132314	DIX 2027 VEHICLE REPLACEMENT PROJEC	January 2027	2027	208,149	221,424	17,143	10%
00132333	MRL 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	188,577	197,409	17,143	10%
00132139	DOM-277-01 Pump Replacement	January 2026	2026	202,702	236,242	17,112	10%
00133469	ARD 001 GS Media Replacement	January 2025	2025	185,900	220,550	16,900	10%
00133136	WLK WSFMP Update	January 2025	2025	191,969	223,183	16,611	10%
00132211	Workday Modification/Configuration	January 2025	2025	181,500	188,480	16,500	10%
00132049	PV 2027 Flowmeter Replacement	January 2027	2026	206,972	238,864	16,475	10%
00132087	ELA 2027 Flowmeter Replacement	January 2027	2027	206,956	236,724	16,473	10%
00132077	DOM 2027 Flowmeter Replacement	January 2027	2027	206,946	236,694	16,473	10%
00132085	ELA 2026 Flowmeter Replacement	January 2026	2026	201,903	234,787	16,473	10%
00132084	ELA 2025 Flowmeter Replacement	January 2027	2027	207,576	238,036	16,472	10%
00133147	VIS Recharge Feasibility Study	January 2025	2025	186,282	217,834	16,119	10%
00133189	BK Low Zone Well Siting Study	January 2025	2025	185,653	218,653	16,064	10%
00132707	BG 2026 Physical Security Upgrades	January 2026	2026	189,776	220,695	16,021	10%
00134774	VIS - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	175,978	184,947	15,998	10%
00134776	LIV - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	175,969	185,400	15,989	10%
00132088	AV 2025 Vehicle Replacement Program	January 2025	2025	183,974	184,768	15,919	10%
00133017	BG Watershed Restor/Fire Protection	January 2025	2025	182,038	212,206	15,751	10%
00132751	DOM 2027 Blowoff Replacements	January 2027	2027	167,140	191,606	15,194	10%
00133073	ELA 2026 Tank Improvements	January 2026	2026	178,262	208,349	15,049	10%
00134775	BG - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	164,233	171,892	14,930	10%
00132308	WLK 2027 Vehicle Replacement Progra	January 2027	2027	180,335	188,692	14,853	10%
00134768	LAS - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	163,379	171,469	14,853	10%
00133050	DOM 2026 Hydrant Iso-Valve Installs	January 2026	2026	175,670	204,737	14,830	10%
00132023	WLK 2026 Control Valve Overhauls	January 2026	2026	173,444	201,647	14,642	10%
00133146	VIS Well Siting Study	January 2025	2025	165,350	192,438	14,307	10%
00133473	UBOD 104 GS Media Replacement	January 2025	2025	157,300	186,619	14,300	10%
00132779	BAY SC 107 Pump House Building	January 2025	2025	164,720	190,738	14,226	10%
00133228	SLN Well Siting Study	January 2025	2025	164,138	190,842	14,203	10%
00133023	BG 002 Staff Housing	January 2025	2026	155,100	180,370	14,100	10%
00132449	LIV - ADDITIONAL TRUCKS	January 2025	2025	157,148	165,569	13,938	10%
00132441	ELA-ADDITIONAL FIRE HYD. MAINT TRUC	January 2025	2025	159,153	167,413	13,771	10%
00132761	KC 2025 Physical Security Upgrades	January 2025	2025	158,504	186,320	13,715	10%
00133052	DOM 277 Effluent Booster VFD	January 2026	2027	150,416	169,661	13,674	10%
00132266	BAY 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	161,378	168,895	13,623	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132348	SEL 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	157,442	164,886	13,623	10%
00134769	BAY - VEHICLE FOR NEW COMPLEMENTS	January 2026	2026	149,855	156,836	13,623	10%
00132243	SLN-67-1 Pump Replacement	January 2026	2026	161,140	187,762	13,603	10%
00132914	ORO South Feather Interconnect	January 2025	2026	118,916	137,570	13,513	10%
00133390	DOM 232 Safety Improvements	January 2025	2026	147,167	171,517	13,379	10%
00132816	ORO 2026 Physical Security Upgrades	January 2026	2026	156,913	183,374	13,246	10%
00133486	NOH 202 Paving and Grading	January 2026	2027	145,497	165,582	13,227	10%
00132059	HR 2026 ACV Replacements	January 2026	2026	155,503	182,283	13,127	10%
00133346	ADDITIONAL VEHICLES	January 2025	2025	143,251	152,614	13,023	10%
00132770	KRV 2025 Physical Security Update	January 2025	2025	148,800	176,535	12,875	10%
00132328	LIV 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	150,540	158,608	12,708	10%
00132216	LAS-34-B Pump Replacement	January 2027	2027	151,678	173,980	12,492	10%
00132447	BG 2025 Physical Security Upgrades	January 2025	2025	143,717	167,535	12,436	10%
00133803	ORO 2025 Control Valve Overhauls	January 2025	2025	142,496	166,926	12,330	10%
00133804	ORO 2026 Control Valve Overhauls	January 2026	2026	146,059	170,689	12,330	10%
00132831	HR 2027 Physical Security Upgrades	January 2027	2027	149,461	172,333	12,310	10%
00133064	ELA 058 Altitude Valve Replacement	January 2026	2027	36,349	40,943	12,274	10%
00132135	CH-65-1 Pump Replacement	January 2026	2026	144,345	168,559	12,185	10%
00132249	STK-59-1 Pump Replacement	January 2025	2025	140,825	165,111	12,185	10%
00132250	STK-60-1 Pump Replacement	January 2025	2025	140,825	165,111	12,185	10%
00133065	ELA 060 Altitude Valve Replacement	January 2026	2027	144,548	162,819	12,127	10%
00132238	SLN 021-01 Pump Replacement	January 2026	2026	142,752	166,336	12,051	10%
00132155	KC 010-A Pump Replacement	January 2026	2026	140,935	165,269	11,897	10%
00132970	ELA 004-T1 Altitude Valve	January 2027	2027	142,195	163,474	11,711	10%
00133493	ROV for Asset Condition Assessment	January 2025	2025	134,868	140,055	11,670	10%
00132142	ELA-10-03 Pump Replacement	January 2027	2027	140,553	161,586	11,576	10%
00132156	KC 013-01 Pump Replacement	January 2027	2027	136,942	157,958	11,279	10%
00132223	LIV 015-1 Replace Well Pump	January 2025	2025	130,346	152,958	11,279	10%
00132235	MRL-15-1 Pump Replacement	January 2026	2026	133,605	152,858	11,279	10%
00132239	SLN-27-1 Pump Replacement	January 2027	2027	136,942	156,953	11,279	10%
00132240	SLN-32-1 Pump Replacement	January 2025	2025	130,346	152,246	11,279	10%
00132252	VIS 023-1 Pump Replacement	January 2027	2027	136,942	157,137	11,279	10%
00132253	VIS-32-1 Pump Replacement	January 2026	2026	133,605	155,859	11,279	10%
00132443	KRV - VACUUM TRAILER	January 2025	2025	123,593	131,649	11,236	10%
00132737	DIX 2026 Physical Security Upgrades	January 2026	2026	131,356	155,260	11,089	10%
00133063	ELA 042 Altitude Valve Replacement	January 2026	2027	131,814	148,093	11,072	10%
00132683	ORO-010 Carbon Changeout	January 2025	2025	126,444	148,122	10,941	10%
00132684	ORO-010 Carbon Changeout	January 2027	2027	132,842	152,702	10,941	10%
00132685	MRL 010 Carbon Changeout	January 2026	2026	129,605	150,750	10,941	10%
00132686	MRL 015 Carbon Changeout	January 2025	2025	126,444	147,427	10,941	10%
00132687	MRL 015 Carbon Changeout	January 2026	2026	129,605	150,750	10,941	10%
00132688	MRL 015 Carbon Changeout	January 2027	2027	132,842	151,985	10,941	10%
00132699	KRV-KERV 001 Carbon Changeout	January 2025	2025	126,444	150,012	10,941	10%
00132700	LIV-010 Carbon Changeout	January 2027	2027	132,842	152,967	10,941	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132701	LIV-014 Carbon Changeout	January 2026	2026	129,605	151,723	10,941	10%
00133062	ELA 010 Altitude Replacement	January 2026	2027	25,781	28,965	10,882	10%
00132814	LIV 2026 Physical Security Upgrade	January 2026	2026	128,108	149,971	10,815	10%
00132068	CH 2025 Control Valve Overhauls	January 2025	2025	124,684	145,950	10,789	10%
00133805	ORO 2027 Control Valve Overhauls	January 2027	2027	130,993	150,576	10,789	10%
00134646	CSS - VEHICLES FOR NEW COMPLEMENTS	January 2026	2026	118,107	122,649	10,737	10%
00132214	LAS-27-1 Pump Replacement	January 2025	2025	121,599	142,142	10,522	10%
00132823	AV 2026 Physical Security Upgrades	January 2026	2026	123,087	135,105	10,391	10%
00133785	LBOD 009 Transfer Switch	January 2026	2027	30,745	34,780	10,382	10%
00133380	CH Office HVAC Replacement	January 2026	2026	122,604	143,170	10,350	10%
00132048	PV 2026 Flowmeter Replacement	January 2026	2025	121,222	141,422	9,862	10%
00131994	SSF 2025 Control Valve Overhauls	January 2025	2025	112,216	130,807	9,710	10%
00132116	SC 118-A Pump Replacement	January 2025	2025	111,639	130,135	9,660	10%
00132213	LAS-7-E Pump Replacement	January 2026	2026	114,430	133,440	9,660	10%
00132148	ELA 032-C Booster Replacement	January 2027	2027	115,585	132,882	9,520	10%
00134121	KRV-SMTN 001 Greensand Media Replc.	January 2025	2025	107,550	127,597	9,306	10%
00134124	KRV-BOD 013 Greensand Media Replc.	January 2025	2025	107,550	127,597	9,306	10%
00133492	CSS 2027 Asset Mgmt Large Tools	January 2027	2027	112,740	117,076	9,285	10%
00132070	CH 2026 Control valve Overhauls	January 2026	2026	109,544	127,920	9,247	10%
00132073	CH 2027 Control Valve Overhauls	January 2027	2027	112,280	128,968	9,247	10%
00133824	LIV 2025 Control Valve Overhauls	January 2025	2025	106,872	125,412	9,247	10%
00133825	LIV 2026 Control Valve Overhauls	January 2026	2026	109,544	128,239	9,247	10%
00133382	CH Solar EV Charger	January 2025	2025	106,219	124,335	9,191	10%
00132224	LIV-019-1 Well Pump Replacement	January 2026	2026	108,588	127,119	9,167	10%
00132244	SLN-71-1 Pump Replacement	January 2025	2025	105,939	123,738	9,167	10%
00132251	VIS-15-1 Pump Replacement	January 2027	2027	111,300	127,713	9,167	10%
00133218	SLN 2025 Tank Improvements	January 2025	2025	105,878	123,667	9,161	10%
00133786	KERN 007 Transfer Switch	January 2026	2027	26,999	30,543	9,117	10%
00132757	LAS LA Hills Stations SCADA upgrade	January 2025	2025	919,192	1,074,480	9,108	10%
00132615	SLN 2025 Sample Stations	January 2025	2025	105,168	122,837	9,100	10%
00132616	SLN 2026 Sample Stations	January 2026	2026	107,797	125,606	9,100	10%
00133491	CSS 2026 Asset Mgmt Large Tools	January 2026	2026	106,790	110,897	9,015	10%
00132079	ELA 2025 Control Valve Overhauls	January 2025	2025	101,528	118,950	8,785	10%
00132081	ELA 2026 Control Valve Overhauls	January 2026	2026	104,067	121,632	8,785	10%
00132083	ELA 2027 Control Valve Overhauls	January 2027	2027	106,666	122,628	8,785	10%
00133490	CSS 2025 Asset Mgmt Large Tools	January 2025	2025	101,150	105,040	8,752	10%
00132140	DOM-277-A Pump Replacement	January 2026	2026	103,532	120,663	8,740	10%
00132145	ELA 023-B Booster Replacement	January 2025	2025	101,007	118,339	8,740	10%
00132151	ELA 055-A Pump Replacement	January 2027	2027	106,118	121,998	8,740	10%
00132054	ORO 2025 ACV Replacements	January 2025	2025	100,545	117,783	8,700	10%
00132819	SEL 2025 Physical Security Upgrades	January 2025	2025	100,228	116,630	8,673	10%
00132764	KC 2026 Physical Security Upgrades	January 2026	2026	101,550	119,084	8,573	10%
00132044	RDV 2027 Flowmeter Replacement	January 2027	2027	107,120	123,841	8,500	10%
00133609	RDOM Updated First Floor Space Plan	January 2025	2027	97,954	112,286	8,268	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00131995	SSF 2026 Control Valve Overhauls	January 2026	2026	95,851	111,463	8,092	10%
00131996	SSF 2027 Control Valve Overhauls	January 2027	2027	98,245	112,376	8,092	10%
00132820	SEL 2026 Physical Security Upgrades	January 2026	2026	94,803	108,512	8,003	10%
00132881	WLK 2025 Physical Security Upgrades	January 2025	2025	75,188	87,414	7,973	10%
00132171	KRV SMTN-15-A Pump Replacement	January 2025	2025	90,800	107,724	7,857	10%
00132609	LIV 2025 Sample Stations	January 2025	2025	90,144	105,782	7,800	10%
00132610	LIV 2026 Sample Station	January 2026	2026	92,397	108,166	7,800	10%
00132617	SLN 2027 Sample Stations	January 2027	2027	94,705	108,544	7,800	10%
00133826	LIV 2027 Control Valve Overhauls	January 2027	2027	93,566	107,741	7,706	10%
00133606	RDOM Replace Stairwell Carpet	January 2025	2025	86,677	90,911	7,500	10%
00133607	RDOM Replace Pergola	January 2026	2026	88,844	103,537	7,500	10%
00132731	CH 2025 Physical Security Upgrades	January 2025	2025	86,619	101,392	7,495	10%
00132736	DIX 2025 Physical Security Upgrades	January 2025	2025	86,072	101,735	7,448	10%
00133261	LUC Portable Generator	January 2026	2027	17,630	18,170	7,442	10%
00133510	TAB 2027 Main Location	January 2027	2027	90,212	103,430	7,430	10%
00133519	TAB 2026 Main Location	January 2026	2026	88,014	102,590	7,430	10%
00132265	BAY 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	85,825	89,823	7,426	10%
00132269	BG 2026 VEHICLE REPLACEMENT PROGRAM	January 2026	2026	87,970	92,073	7,426	10%
00132322	KRV 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	87,970	93,705	7,426	10%
00132326	KC 2027 VEHICLE REPLACEMENT PROGRAM	January 2027	2027	90,168	95,162	7,426	10%
00133828	DOM 2025 Control Valve Overhauls	January 2025	2025	84,607	98,844	7,321	10%
00133829	DOM 2026 Control Valve Overhauls	January 2026	2026	86,722	101,072	7,321	10%
00133830	DOM 2027 Control Valve Overhauls	January 2027	2027	88,888	101,900	7,321	10%
00133374	BAY Pressure Data Loggers	January 2025	2027	86,586	90,619	7,308	10%
00132042	RDV 2026 ACV Replacement	January 2026	2026	85,828	101,598	7,245	10%
00132105	SSF 002-C Pump Replacement	January 2025	2025	83,494	97,093	7,225	10%
00132106	SSF 005-A Pump Replacement	January 2026	2026	85,581	99,520	7,225	10%
00132108	SM 006-D Pump Replacement	January 2025	2025	83,494	97,093	7,225	10%
00132115	SSF 101-A Pump Replacement	January 2025	2025	83,494	97,093	7,225	10%
00132215	LAS-33-B Pump Replacement	January 2026	2026	85,581	99,799	7,225	10%
00132219	LAS-119-D Pump Replacement	January 2027	2027	87,718	100,617	7,225	10%
00132678	RDV 2025 Carbon Changeout	January 2025	2027	78,051	89,267	7,096	10%
00132679	RDV 2027 Carbon Changeouts	June 2025	2026	78,051	90,557	7,096	10%
00133605	RDOM Replace Office Furniture	January 2025	2027	82,106	86,117	6,930	10%
00132882	WLK 2026 Physical Security Upgrades	January 2026	2026	81,947	95,271	6,918	10%
00132051	MRL 2026 ACV Replacement	January 2026	2026	81,843	95,196	6,909	10%
00133580	RDOM Replace Media Ctr Furniture	January 2025	2025	79,754	83,650	6,901	10%
00132038	STK 2026 ACV Replacement	January 2026	2026	81,741	95,608	6,900	10%
00132067	CH 2025 ACV Replacement	January 2025	2025	79,747	93,349	6,900	10%
00132069	CH 2026 ACV Replacement	January 2026	2026	81,741	95,452	6,900	10%
00132072	CH 2027 ACV Replacement	January 2027	2027	83,782	96,235	6,900	10%
00132158	KRV ONYX-1-1 Pump Replacement	January 2025	2025	79,656	94,504	6,893	10%
00132159	KRV ONYX-2-1 Pump Replacement	January 2027	2027	83,687	97,426	6,893	10%
00132160	KRV SMTN-2-15 Pump Replacement	January 2027	2027	83,687	97,426	6,893	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132173	KRV UBOD-104-2 Pump Replacement	January 2026	2026	81,648	96,634	6,893	10%
00132226	LIV 025-B Pump Replacement	January 2025	2025	79,656	93,475	6,893	10%
00132254	VIS-57-2 Pump Replacement	January 2025	2025	79,656	93,148	6,893	10%
00132132	BK 073-E Pump Replacement	January 2025	2025	79,518	93,652	6,881	10%
00132167	KRV MSHA-6-B Pump Replacement	January 2027	2027	83,541	97,256	6,881	10%
00132241	SLN-57-A Pump Replacement	January 2027	2027	83,541	95,749	6,881	10%
00132346	SLN 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	71,860	75,358	6,746	10%
00132967	LHUG 001 Portable Generator	January 2026	2027	29,167	32,224	6,683	10%
00132057	HR 2025 ACV Replacement	January 2025	2025	75,764	89,026	6,564	10%
00132078	ELA 2025 ACV Replacement	January 2025	2025	75,855	88,871	6,564	10%
00132080	ELA 2026 ACV Replacement	January 2026	2026	77,751	90,874	6,564	10%
00132082	ELA 2027 ACV Replacement	January 2027	2027	79,693	91,619	6,564	10%
00132143	ELA 12-C Pump Replacement	January 2027	2027	79,364	91,241	6,537	10%
00132147	ELA 030-C Pump Replacement	January 2025	2025	75,542	88,504	6,537	10%
00132152	ELA-59-A Pump Replacement	January 2027	2027	79,364	91,241	6,537	10%
00132325	KC 2026 VEHICLE REPLACEMENT PROGRAM	January 2026	2026	77,133	81,406	6,511	10%
00132331	LAS 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	77,133	80,952	6,511	10%
00133406	VIS EOC AV Equipment and Furniture	January 2025	2025	70,096	81,968	6,372	10%
00132462	ORO - REPLACE TRACTOR	January 2025	2025	73,420	77,220	6,353	10%
00132222	LAS-123-1 Pump Replacement	January 2026	2026	74,315	86,661	6,273	10%
00132988	SSF 001 Cr-As Treatment Pilot Study	January 2025	2025	72,493	84,300	6,273	10%
00134008	BK 2026 Instrumentaion Replc.	January 2026	2026	73,879	86,802	6,237	10%
00132952	WLK 2027 Physical Security Upgrades	January 2027	2027	75,640	86,499	6,230	10%
00132456	VIS 2025 Chevrolet 1500 Pickup	January 2025	2025	68,166	71,568	6,197	10%
00133109	LIV Auto Flusher	January 2026	2026	73,098	85,573	6,171	10%
00133841	STK 2026 Control Valve Overhauls	January 2026	2026	73,029	85,418	6,165	10%
00132111	MPS 012-E Pump Replacement	January 2027	2027	74,330	85,021	6,122	10%
00132117	MPS-120-B Pump Replacement	January 2027	2027	74,330	85,021	6,122	10%
00132218	LAS-113-B Pump Replacement	January 2026	2026	72,519	84,566	6,122	10%
00132423	STK 2025 Vault Lid Replacements	January 2025	2025	69,341	81,300	6,000	10%
00132424	STK 2026 Vault Lid Replacements	January 2026	2026	71,075	83,132	6,000	10%
00132425	STK 2027 Vault Lid Replacements	January 2027	2027	72,850	83,813	6,000	10%
00132458	VIS 2025 FORD F350	January 2025	2025	66,000	69,294	6,000	10%
00132256	WIL-4-1 Pump Replacement	January 2026	2026	70,776	83,300	5,975	10%
00133265	ARM 001 Electrical Panel Cover	January 2025	2025	68,402	80,488	5,919	10%
00133033	CH PBC South of Canyon Oaks CC	January 2025	2025	67,612	78,755	5,850	10%
00133227	SLN 805 Zone PBC	January 2026	2027	71,024	80,289	5,850	10%
00132136	DIX 010-A Pump Replacement	January 2026	2026	69,065	81,634	5,830	10%
00132137	DIX 010-B Pump Replacement	January 2026	2026	69,065	81,634	5,830	10%
00132157	KC 015-A Pump Replacement	January 2025	2025	67,381	79,205	5,830	10%
00132161	KRV ONYX-3-A Pump Replacement	January 2026	2026	69,065	81,742	5,830	10%
00132227	LIV-29-A Pump Replacement	January 2026	2026	69,065	80,852	5,830	10%
00132228	LIV-29-B Pump Replacement	January 2026	2026	69,065	80,852	5,830	10%
00132230	LIV-32-A Pump Replacement	January 2026	2026	69,065	80,852	5,830	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132231	LIV-32-B Pump Replacement	January 2026	2026	69,065	80,852	5,830	10%
00132232	LIV 032-C Pump Replacement	January 2025	2025	67,381	79,070	5,830	10%
00132236	ORO 015-E Pump Replacement	January 2026	2026	69,065	80,712	5,830	10%
00132242	SLN-58-B Pump Replacement	January 2025	2025	67,381	78,701	5,830	10%
00132248	SLN-304-A Pump Replacement	January 2025	2025	67,381	78,701	5,830	10%
00132234	LIV-034-A VFD Replacement	June 2026	2027	68,206	77,913	5,820	10%
00132389	DOM 2025 Vault Lid Replacements	January 2025	2025	65,874	76,959	5,700	10%
00132390	DOM 2026 Vault Lid Replacements	January 2026	2026	67,521	78,693	5,700	10%
00132391	DOM 2027 Vault Lid Replacements	January 2027	2027	69,207	79,338	5,700	10%
00132149	ELA 040-A Pump Replacement	January 2026	2026	65,612	76,686	5,539	10%
00132611	LIV 2027 Sample Stations	January 2027	2027	63,137	72,701	5,200	10%
00134118	AV-LHUG 002 Greensand Media Replc.	January 2025	2025	59,135	66,148	5,117	10%
00132775	KRV LBOD 013 Instrument Replacement	January 2025	2025	55,000	65,252	5,000	10%
00133087	KC 2026 Fire Hydrant Replacements	January 2026	2026	51,923	60,889	4,720	10%
00132055	ORO 2027 ACV Replacements	January 2027	2027	56,502	64,949	4,654	10%
00133840	KC 2026 Control Valve Overhauls	January 2026	2026	54,772	64,229	4,624	10%
00133370	BAY Forklift	January 2025	2025	50,966	53,340	4,410	10%
00132842	CH 2025 Instrumentation Replc.	January 2025	2025	49,602	58,062	4,292	10%
00133256	NOH 201-A Pump Replacement	January 2027	2027	47,002	54,271	4,273	10%
00133106	LIV 2025 Tank Improvements	January 2025	2025	49,224	57,764	4,259	10%
00132293	WIL 2027 Vehicle Replacement Progra	January 2027	2027	45,760	48,471	4,160	10%
00132662	VIS 052-PT1 - Pressure Vessel Rehab	January 2025	2025	45,179	52,831	4,107	10%
00132760	RDV 2025 NOH Full SCADA System	January 2025	2025	44,924	53,306	4,084	10%
00133090	KC 2027 Tank Improvements	January 2027	2027	24,931	28,758	4,066	10%
00132768	KC 2027 Physical Security Upgrades	January 2027	2027	49,266	56,827	4,058	10%
00132847	KRV 2026 Instrumentation Replc.	January 2026	2026	47,956	56,759	4,048	10%
00133372	BAY Locating Equipment	January 2025	2025	43,035	45,040	3,912	10%
00132221	LAS-121-2 Pump Replacement	January 2025	2025	44,426	51,931	3,844	10%
00132446	CSS 2025 SUV	January 2025	2025	43,916	45,605	3,800	10%
00132448	CSS 2025 Sedan	January 2025	2025	43,916	45,605	3,800	10%
00133080	HR 008 Roof Replacement	January 2025	2026	44,139	51,741	3,772	10%
00133371	BAY Water Quality Testing Units	January 2025	2025	42,058	44,018	3,730	10%
00132738	2027 DIX Physical Security Upgrades	January 2027	2027	44,774	52,055	3,688	10%
00132247	SLN-73-E Pump Replacement	January 2026	2026	43,368	50,533	3,661	10%
00132769	KRV LBOD 013 Upgrade PLC	January 2025	2025	39,738	47,145	3,613	10%
00132335	MRL 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	39,369	41,213	3,579	10%
00132225	LIV 020-1 Replace Well Pump	January 2026	2026	41,497	48,579	3,503	10%
00132255	VIS 201-1 Pump Replacement	January 2025	2025	40,484	47,341	3,503	10%
00133278	LAS 037 Generator for SCADA	January 2025	2025	37,188	43,471	3,381	10%
00132245	SLN-73-A Pump Replacement	January 2026	2026	39,728	46,291	3,354	10%
00132246	SLN-73-B Pump Replacement	January 2026	2026	39,728	46,291	3,354	10%
00133368	SSF Field Yard Pipe Racks	January 2025	2025	36,075	42,052	3,280	10%
00132714	WIL 004 Station Rebuild	January 2025	2026	37,204	42,139	3,196	10%
00132366	BG 2026 Vault Lid Replacements	January 2026	2026	21,161	24,608	3,150	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132367	BG 2027 Vault Lid Replacements	January 2027	2027	21,689	24,810	3,150	10%
00132380	BAY-MPS 2025 Vault Lid Replacements	January 2025	2025	36,404	42,435	3,150	10%
00132381	BAY-MPS 2026 Vault Lid Replacements	January 2026	2026	37,314	43,392	3,150	10%
00132382	BAY-MPS 2027 Vault Lid Replacements	January 2027	2027	38,246	43,747	3,150	10%
00132383	BAY-SSF 2025 Vault Lid Replacements	January 2025	2025	36,404	42,435	3,150	10%
00132384	BAY-SSF 2026 Vault Lid Replacements	January 2026	2026	37,314	43,392	3,150	10%
00132385	BAY-SSF 2027 Vault Lid Replacements	January 2027	2027	38,246	43,747	3,150	10%
00132402	LAS 2025 Vault Lid Replacements	January 2025	2025	36,404	42,554	3,150	10%
00132403	LAS 2026 Vault Lid Replacements	January 2026	2026	37,314	43,513	3,150	10%
00132404	LAS 2027 Vault Lid Replacements	January 2027	2027	38,246	43,870	3,150	10%
00132830	HR 2026 Physical Security Upgrades	January 2026	2026	78,298	91,782	3,131	10%
00132371	CH 2025 Vault Lid Replacements	January 2025	2025	34,671	40,584	3,000	10%
00132373	CH 2026 Vault Lid Replacements	January 2026	2026	35,537	41,499	3,000	10%
00132374	CH 2027 Vault Lid Replacements	January 2027	2027	36,425	41,839	3,000	10%
00132420	SLN 2025 Vault Lid Replacements	January 2025	2025	34,671	40,496	3,000	10%
00132421	SLN 2026 Vault Lid Replacements	January 2026	2026	35,537	41,408	3,000	10%
00132422	SLN 2027 Vault Lid Replacements	January 2027	2027	36,425	41,748	3,000	10%
00133072	ELA 2025 Tank Improvements	January 2025	2025	34,544	40,472	2,989	10%
00133175	BK 2026 Chemical Tank Replacements	January 2026	2026	34,157	40,132	2,884	10%
00133176	BK 2027 Chemical Tank Replacements	January 2027	2027	35,010	40,461	2,884	10%
00132392	ELA 2025 Vault Lid Replacements	January 2025	2025	32,937	38,589	2,850	10%
00132393	ELA 2026 Vault Lid Replacements	January 2026	2026	33,761	39,459	2,850	10%
00132394	ELA 2027 Vault Lid Replacements	January 2027	2027	34,604	39,782	2,850	10%
00132395	HR 2025 Vault Lid Replacements	January 2025	2025	32,937	38,702	2,850	10%
00132396	HR 2026 Vault Lid Replacements	January 2026	2026	33,761	39,575	2,850	10%
00132397	HR 2027 Vault Lid Replacements	January 2027	2027	34,604	39,899	2,850	10%
00132429	WLK 2025 Vault Lid Replacements	January 2025	2025	32,937	38,385	2,850	10%
00132430	WLK 2026 Vault Lid Replacements	January 2026	2026	33,761	39,250	2,850	10%
00132431	WLK 2027 Vault Lid Replacements	January 2027	2027	34,604	39,572	2,850	10%
00132112	MPS 114-B Pump Replacement	January 2027	2027	33,768	38,625	2,781	10%
00132848	KRV 2027 Instrumentation Replc.	January 2027	2027	33,511	39,012	2,760	10%
00133375	BAY Solar Arrow/ Message Board	January 2025	2025	31,132	32,582	2,694	10%
00134026	LIV 2027 Instrumentation Replc.	January 2027	2027	32,102	36,966	2,644	10%
00132786	LUC 2027 Full SCADA system	January 2027	2027	28,990	33,660	2,635	10%
00132787	COS 2026 Full SCADA system	January 2026	2026	28,990	27,895	2,635	10%
00132599	KC 2025 Sample Stations	January 2025	2025	30,048	35,321	2,600	10%
00132601	KC 2026 Sample Stations	January 2026	2026	30,799	36,117	2,600	10%
00132982	AV 2026 Tank Improvements	January 2026	2026	6,621	7,389	2,508	10%
00132774	KRV UBOD 104 Instrument Replacement	January 2025	2025	27,500	32,626	2,500	10%
00133397	ELA Towable Compressor	January 2025	2025	28,546	30,027	2,470	10%
00133385	DIX Office Improvements	January 2026	2026	28,892	34,150	2,439	10%
00132851	LIV 2026 Instrumentation Replc.	January 2026	2026	28,282	33,108	2,388	10%
00133367	BAY Copy Machine	January 2025	2025	26,142	27,359	2,377	10%
00132853	STK 2025 Instrumentation Replc.	January 2025	2025	26,181	30,696	2,265	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00133025	BG 021 Cathodic Protection	January 2026	2026	23,322	27,121	2,120	10%
00133369	BAY Leak Detection Equipment	January 2025	2025	21,989	23,014	1,903	10%
00132318	CSS 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	21,681	22,514	1,876	10%
00133403	STK 051 Landscape/Connect Parking	January 2026	2026	20,240	23,674	1,840	10%
00132841	DOM 2027 Instrumentation Replc.	January 2027	2027	24,425	28,000	1,836	10%
00134036	MRL 2027 Instrumentaion Replc.	January 2027	2027	22,146	25,338	1,824	10%
00133392	ELA Construction Message Board	January 2025	2025	20,855	21,937	1,805	10%
00134025	LIV 2025 Instrumentation Replc.	January 2025	2025	20,147	23,642	1,743	10%
00132838	BK 2027 Instrumentation Replc.	January 2027	2027	21,126	24,416	1,740	10%
00133395	ELA Portable Valve Machines	January 2025	2025	19,488	20,499	1,686	10%
00134035	WLK 2027 Instrumentation Replc.	January 2027	2027	19,545	22,351	1,610	10%
00133393	ELA Light Tower	January 2025	2025	18,004	18,939	1,558	10%
00133394	ELA Pneumatic Tool	January 2025	2025	3,641	3,830	1,558	10%
00133379	CH 081 Parking Lot Improvements	January 2025	2025	17,624	20,630	1,525	10%
00132399	KC 2025 Vault Lid Replacements	January 2025	2025	17,335	20,377	1,500	10%
00132400	KC 2026 Vault Lid Replacements	January 2026	2026	17,769	20,837	1,500	10%
00132401	KC 2027 Vault Lid Replacements	January 2027	2027	18,212	21,007	1,500	10%
00132405	LIV 2025 Vault Lid Replacements	January 2025	2025	17,335	20,343	1,500	10%
00132406	LIV 2026 Vault Lid Replacements	January 2026	2026	17,769	20,801	1,500	10%
00132407	LIV 2027 Vault Lid Replacements	January 2027	2027	18,212	20,972	1,500	10%
00132410	MRL 2027 Vault Lid Replacements	January 2027	2027	18,212	20,837	1,500	10%
00132411	ORO 2025 Vault Lid Replacements	January 2025	2025	17,335	20,307	1,500	10%
00132412	ORO 2026 Vault Lid Replacements	January 2026	2026	17,769	20,765	1,500	10%
00132413	ORO 2027 Vault Lid Replacements	January 2027	2027	18,212	20,935	1,500	10%
00133470	KERV-001 Amiad Screen Replacement	January 2025	2025	16,500	19,575	1,500	10%
00132417	PV 2025 Vault Lid Replacements	January 2025	2027	16,469	19,369	1,425	10%
00132418	PV 2026 Vault Lid Replacements	January 2026	2027	16,880	19,805	1,425	10%
00132419	PV 2027 Vault Lid Replacements	January 2027	2027	17,302	19,968	1,425	10%
00132852	WIL 2025 Instrumentation Replc.	January 2025	2025	15,026	17,728	1,300	10%
00134020	STK 2026 Instrumentation Replc.	January 2026	2026	15,007	17,553	1,267	10%
00134022	STK 2027 Instrumentation Replc.	January 2027	2027	15,382	17,697	1,267	10%
00132596	HR 2025 Sample Stations	January 2025	2025	14,273	16,771	1,235	10%
00134007	MRL 2026 Instrumentation Replc.	January 2026	2026	13,578	15,793	1,146	10%
00132849	MRL 2025 Instrumentation Replc.	January 2025	2025	11,906	13,882	1,030	10%
00134030	WIL 2027 Instrumentation Replc.	January 2027	2027	12,047	13,947	992	10%
00133400	LIV Copy Machine	January 2026	2026	11,387	11,998	961	10%
00134029	WIL 2026 Instrumentation Replc.	January 2026	2026	10,829	12,746	914	10%
00133544	High perf PC's + CSSmonitors	January 2025	2027	10,400	10,800	900	10%
00132144	ELA 2025 Chemical Pump Replacement	January 2025	2025	9,316	10,915	806	10%
00133790	BAY 2025 Instrumentation Replc.	January 2025	2025	8,446	9,845	731	10%
00132843	ELA 2025 Instrumentation Replc.	January 2025	2025	7,641	8,953	661	10%
00132844	ELA 2026 Instrumentation Replc.	January 2026	2026	7,833	9,154	661	10%
00132857	HR 2025 Instrumentation Replc.	January 2025	2025	7,641	8,979	661	10%
00133417	WIL Fire Flow/Hydrant Testing Equip	January 2025	2025	7,618	8,070	659	10%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00133373	BAY Portable Lighting	January 2025	2025	6,715	7,027	581	10%
00133471	SMTN 001 GS Media Replacement	January 2025	2025	6,160	7,308	560	10%
00133472	LBOD 013 GS Replacement	January 2025	2025	6,160	7,308	560	10%
00132845	ELA 2027 Instrumentation Replc.	January 2027	2027	6,690	7,691	551	10%
00132858	HR 2026 Instrumentation Replc.	January 2026	2026	6,527	7,651	551	10%
00134033	WLK 2025 Instrumentation Replc.	January 2025	2025	6,368	7,421	551	10%
00134034	WLK 2026 Instrumentation Replc.	January 2026	2026	6,527	7,588	551	10%
00133396	ELA Purchase SL-1000 Units	January 2025	2025	5,100	5,364	441	10%
00132840	DOM 2026 Instrumentation Replc.	January 2026	2026	5,222	6,086	441	10%
00133402	MRL Fire Flow/Hydrant Testing Equip	January 2025	2025	4,045	4,234	350	10%
00134031	ORO 2025 Instrumentation Replc.	January 2025	2025	4,022	4,711	348	10%
00132850	ORO 2026 Instrumentation Replc.	January 2026	2026	4,015	4,692	339	10%
00133391	ELA Trash Pumps	January 2025	2025	2,964	3,473	257	10%
00134012	BG 2025 Instrumentation Replc.	January 2025	2025	1,407	1,641	122	10%
00134014	DIX 2026 Instrumentation Replc.	January 2026	2026	1,380	1,632	122	10%
00134032	ORO 2027 Instrumentation Replc.	January 2027	2027	1,408	1,619	116	10%
00133401	LIV Ice Machinie	January 2026	2026	1,161	1,223	98	10%
00132011	2026 KC - 1 CV Replacement2026 KC -	January 2026	2026	81,741	95,854	-	0%
00132141	ELA 2025 Chemical Pump Replacement	January 2025	2025	9,334	10,936	-	0%
00132172	KRV SMTN-15-B Pump Replacement	January 2025	2025	82,545	97,931	-	0%
00132315	ELA 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	190,186	200,057	19,019	10%
00132329	LIV 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	300,849	316,973	30,085	10%
00132334	MRL 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	71,625	74,980	7,163	10%
00132336	ORO 2025 VEHICLE REPLACEMENT PROGRA	January 2025	2025	171,650	180,535	17,165	10%
00132337	ORO 2026 VEHICLE REPLACEMENT PROGRA	January 2026	2026	87,970	92,524	8,797	10%
00132338	ORO 2027 VEHICLE REPLACEMENT PROGRA	January 2027	2027	180,335	189,670	18,034	10%
00132339	RD 2025 VEHICLE REPLACEMENT PROGRAM	January 2025	2025	1,193,755	1,252,068	119,375	10%
00132340	RD 2026 VEHICLE REPLACEMENT PROGRAM	January 2026	2026	1,142,058	1,197,846	114,206	10%
00132445	CSS 2025 Midsize Pickup W/4WD	January 2024	2025	40,095	41,637	4,010	10%
00132575	2025 PC & Device Replacement	January 2025	2025	735,437	763,722	-	0%
00132576	2026 PC & Device Replacement	January 2026	2026	753,823	782,815	-	0%
00132577	2027 PC & Device Replacement	January 2027	2027	772,651	802,367	-	0%
00132578	IT Equipment for new headcounts	January 2025	2027	129,252	134,223	-	0%
00132579	Windows 11 Upgrade	January 2025	2025	210,125	218,206	-	0%
00132580	Replace Mitel Phone system	January 2025	2025	315,187	327,310	-	0%
00132582	Service desk upgrade	January 2026	2026	323,067	335,492	-	0%
00132626	Replace EOL MFP	February 2027	2027	377,250	391,759	-	0%
00132627	ZTA - Data Pillar	March 2025	2027	992,365	1,030,532	-	0%
00132628	ZTA - Identity Pillar	March 2027	2027	1,479,074	1,535,959	-	0%
00132630	ZTA - Network Pillar	February 2026	2026	2,541,462	2,639,206	-	0%
00132631	Workday Ongoing Enhancements	January 2025	2027	525,415	545,622	-	0%
00132663	BK 2025 Carbon Changeouts	January 2025	2025	551,686	648,188	-	0%
00132664	BK 2026 Carbon Changeouts	January 2026	2026	579,615	669,854	-	0%
00132665	BK 2027 Carbon Changeouts	January 2027	2027	594,091	686,583	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00132666	Audit and Compliance Management App	January 2025	2027	134,638	139,816	-	0%
00132667	ImageQuest Upgrade	January 2025	2027	33,626	34,920	-	0%
00132668	PowerPlan Upgrade	January 2025	2027	1,786,411	1,855,116	-	0%
00132669	CH 2025 Carbon Changeouts	January 2025	2025	376,985	441,283	-	0%
00132670	CH 2026 Carbon Changeouts	January 2026	2026	386,410	451,228	-	0%
00132671	CH 2027 Carbon Changeouts	January 2027	2027	396,061	454,926	-	0%
00132673	Upgrade/ Redesign CalWater.com 2026	January 2026	2026	107,689	111,831	-	0%
00132697	BK 219 GAC Vessel Replacement	January 2026	2027	92,496	106,897	-	0%
00132698	KRV-LBOD 013 Vessel Replacement	January 2026	2026	569,021	641,360	-	0%
00132749	DOM 2025 Blowoff Replacements	January 2025	2025	159,942	186,856	-	0%
00132750	DOM 2026 Blowoff Replacements	January 2026	2026	159,942	186,407	-	0%
00132754	ORO 015 WTP SCADA Upgrades	January 2025	2025	17,605	20,623	-	0%
00132781	VIS Water Quality Equipment	January 2025	2025	88,224	103,167	-	0%
00132788	2025 Network Hardware Replacement	January 2025	2025	320,843	333,183	-	0%
00132789	2025 SCADA Server & Network Repl.	January 2025	2025	335,118	348,006	-	0%
00132790	2025 SAN Storage Upgrade	January 2025	2025	367,719	381,861	-	0%
00132791	2025 UPS Replacement	January 2025	2025	160,000	166,154	-	0%
00132800	GIS Modernization	January 2025	2027	807,826	838,895	-	0%
00132801	EAM Decision support	January 2025	2027	807,826	838,895	-	0%
00132802	LIMS Upgrade	January 2025	2027	430,840	447,410	-	0%
00132804	Integrate HIS with LIMS	January 2025	2027	269,275	279,631	-	0%
00132890	PowerPlan Tax Module Upgrade	January 2025	2027	323,130	335,558	-	0%
00132924	Workstations (4) for future staff	July 2025	2025	38,099	39,564	-	0%
00132925	Workstations (4) for future staff	July 2025	2025	40,028	41,567	-	0%
00132926	Office Furnishing for Manager	July 2025	2025	11,550	11,994	-	0%
00132927	Office Furnishings for Manager	July 2025	2025	12,135	12,601	-	0%
00132957	2025 UWMP Development	July 2025	2026	968,501	1,110,880	-	0%
00132962	Demand Model Update	January 2025	2025	125,762	145,460	-	0%
00132963	CSS Climate Change Study - 2025	January 2025	2027	445,252	505,342	-	0%
00132968	BAY New Main Delores Parkside	January 2026	2026	299,461	348,235	-	0%
00132974	LAN 001-T2 Cathodic Protection	January 2026	2026	16,599	18,523	-	0%
00132978	LHUG 001 Flood Protection	January 2025	2025	143,965	161,039	-	0%
00132979	LHUG 002 Greensand Media	January 2025	2025	22,910	25,627	-	0%
00132980	LHUG 003-T1 Cathodic Protection	January 2025	2025	13,273	14,847	-	0%
00132992	BAY 2025 Grid Strengthening	January 2025	2026	545,775	634,668	-	0%
00132994	BAY 2025 Replace Isolation Valves	January 2025	2025	139,972	163,162	-	0%
00132995	BAY 2026 Replace Isolation Valves	January 2026	2026	139,972	162,770	-	0%
00132996	BAY 2027 Replace Isolation Valves	January 2027	2027	139,972	160,105	-	0%
00133024	BG 002 Cathodic Protection	January 2026	2026	12,212	14,202	-	0%
00133034	CH 044 Wildfire Pump Storage	January 2026	2027	2,753,487	3,147,199	-	0%
00133035	CH 066-T2 Cathodic Protection	January 2025	2025	18,733	21,928	-	0%
00133036	CH 074-T1 Cathodic Protection	January 2025	2025	19,221	22,499	-	0%
00133055	DOM 203-T3 Cathodic Protection	January 2026	2026	39,171	45,652	-	0%
00133056	DOM 215-T1 Cathodic Protection	January 2025	2025	15,716	18,360	-	0%

[A]	[B]	[C]	[D]	[E]			
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00133057	DOM 277-T1 Cathodic Protection	January 2025	2025	15,376	17,963	-	0%
00133058	DOM 279-T1 Cathodic Protection	January 2026	2026	14,086	16,416	-	0%
00133059	DOM 279-T2 Cathodic Protection	January 2026	2026	14,086	16,416	-	0%
00133060	DOM 297-T1 Cathodic Protection	January 2026	2026	14,086	16,416	-	0%
00133061	DOM 298-T1 Cathodic Protection	January 2025	2025	14,901	17,408	-	0%
00133067	ELA Small Portable Generators	January 2025	2025	2,709	3,174	-	0%
00133070	ELA 023-T1 Cathodic Protection	January 2025	2025	9,453	11,075	-	0%
00133071	ELA 040-T3 Cathodic Protection	January 2025	2025	16,715	19,583	-	0%
00133075	HR 005-T1 Cathodic Protection	January 2027	2027	41,396	47,730	-	0%
00133076	HR 009-T3 Cathodic Protection	January 2027	2027	16,842	19,420	-	0%
00133077	HR 026-T2 Cathodic Protection	January 2027	2027	16,037	18,491	-	0%
00133079	HR 026-T3 Cathodic Protection	January 2025	2025	15,153	17,805	-	0%
00133083	HR 005 Station Rebuild Constr	January 2026	2027	563,816	635,720	-	0%
00133086	KC 2025 Fire Hydrant Replacements	January 2025	2025	51,923	61,035	-	0%
00133088	KC 2027 Fire Hydrant Replacements	January 2027	2027	47,203	54,447	-	0%
00133093	KC Grid Strengthening	January 2026	2027	1,861,036	2,146,644	-	0%
00133108	LIV 029-T2 Cathodic Protection	January 2026	2026	27,833	32,583	-	0%
00133120	ORO 016-T1 Cathodic Protection	January 2026	2026	32,363	37,821	-	0%
00133132	WLK Portable Booster Pump	January 2026	2026	381,313	443,314	-	0%
00133139	VIS 012-T2 Cathodic Protection	January 2025	2025	16,462	19,250	-	0%
00133158	BK NEWTP Benchtop Turbidimeter	January 2025	2025	5,750	6,772	-	0%
00133160	BK NEWTP pH Probes and Controllers	January 2025	2025	29,844	35,149	-	0%
00133161	BK NWWTP Benchtop Turbidimeter	January 2025	2025	7,000	8,244	-	0%
00133163	BK NWWTP pH Probes and Controllers	January 2025	2025	11,000	12,955	-	0%
00133164	BK 2025 Service Line Replacements	January 2025	2025	6,988,593	8,230,825	-	0%
00133165	BK 2026 Service Line Replacements	January 2026	2026	7,119,322	8,364,649	-	0%
00133166	BK 2027 Service Line Replacements	January 2027	2027	7,266,066	8,397,301	-	0%
00133168	BK 087-T8 Cathodic Protection	January 2026	2026	19,045	22,377	-	0%
00133169	BK 100-T1 Cathodic Protection	January 2026	2026	14,848	17,446	-	0%
00133170	BK 116-T4 Cathodic Protection	January 2026	2026	18,668	21,934	-	0%
00133171	BK 188-T1 Cathodic Protection	January 2026	2026	14,776	17,361	-	0%
00133172	BK 213-T2 Cathodic Protection	January 2026	2026	14,612	17,168	-	0%
00133173	BK 216-T1 Cathodic Protection	January 2026	2026	36,920	43,379	-	0%
00133199	BK Property Purchase (Office)	January 2025	2027	3,500,000	4,044,906	-	0%
00133202	STK 069-T1 Cathodic Protection	January 2025	2025	29,872	35,023	-	0%
00133207	STK 075 Panelboard	June 2025	2027	150,492	171,349	-	0%
00133209	STK 080 Station Rebuild	January 2025	2027	971,879	1,112,358	-	0%
00133252	SEL 021-T1 Cathodic Protection	January 2026	2026	23,121	26,905	-	0%
00133257	LUC 003-T1 Cathodic Protection	January 2026	2026	16,442	19,408	-	0%
00133258	LUC 005-T1 Cathodic Protection	January 2025	2025	17,837	21,105	-	0%
00133259	COS 007-T4 Cathodic Protection	January 2027	2027	17,520	16,582	-	0%
00133267	RDV 205 ARM Well Siting Study	January 2025	2025	248,303	291,477	-	0%
00133268	COS 004 Station Rebuild	January 2025	2027	1,366,584	1,293,416	-	0%
00133271	HKN 001 Station Rebuild Constr	January 2026	2027	1,308,518	1,506,543	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00133282	LAS 014 New Pump 505 Zone	June 2025	2027	201,005	230,021	-	0%
00133284	LAS Well Hardness Study	January 2025	2027	311,441	357,235	-	0%
00133294	LAS 123 Disinfection	January 2026	2027	1,179,822	1,353,304	-	0%
00133317	Design Electrical Service Expansion	January 2025	2025	279,539	323,321	-	0%
00133318	REPLACE BLDG ROOF SHINGLE AND CARPO	January 2025	2025	304,117	351,749	-	0%
00133319	CSS- DESIGN NEW 4TH ST ENTRY	January 2025	2025	268,582	304,829	-	0%
00133378	BK Fire Flow/Hydrant Testing Equip	January 2025	2025	6,592	7,764	-	0%
00133383	DIX Dump Trailer	January 2025	2025	11,588	12,327	-	0%
00133384	DIX Field pH Meters	January 2025	2025	3,179	3,382	-	0%
00133386	DIX Portable Well Sounder	January 2025	2025	3,016	3,209	-	0%
00133388	DIX Teleloggers	January 2025	2025	1,374	1,462	-	0%
00133389	DIX Fire Flow/Hydrant Testing Equip	January 2025	2025	972	1,034	-	0%
00133398	LAS Fire Flow/Hydrant Testing Equip	January 2025	2025	6,592	6,918	-	0%
00133411	VIS Fire Monitoring System	January 2025	2025	24,905	29,123	-	0%
00133458	KERV 001-T3 Cathodic Protection	January 2027	2027	18,295	21,298	-	0%
00133459	SOLA 001-T1 Cathodic Protection	January 2026	2026	16,436	19,452	-	0%
00133462	ONYX 003-T2 Cathodic Protection	January 2027	2027	15,685	18,260	-	0%
00133463	ONYX 003-T3 Cathodic Protection	January 2027	2027	15,685	18,260	-	0%
00133466	SQRL 013-T1 Cathodic Protection	January 2027	2027	10,737	12,500	-	0%
00133467	ARD 014-T1 Cathodic Protection	January 2027	2027	10,737	12,500	-	0%
00133483	KRV Utility Locating Equipment	January 2027	2027	35,883	38,222	-	0%
00133495	TAB STA 002-T2 Cathodic Protection	January 2025	2025	28,531	33,336	-	0%
00133497	TAB 2025 Hydrant Check Valves	January 2025	2025	59,245	69,223	-	0%
00133499	TAB 2025 Valve Insertions	January 2025	2025	78,929	92,221	-	0%
00133500	TAB 2026 Hydrant Check Valves	January 2026	2026	60,727	70,783	-	0%
00133502	TAB 2026 Valve Insertions	January 2026	2026	80,902	94,300	-	0%
00133503	TAB 2027 Hydrant Check Valves	January 2027	2027	62,243	71,363	-	0%
00133505	TAB 2027 Valve Insertions	January 2027	2027	82,923	95,073	-	0%
00133506	TAB STA 001 Control Valves	January 2025	2026	275,607	314,531	-	0%
00133507	TAB STA 002 Control Valves	January 2026	2027	282,494	322,391	-	0%
00133509	TAB 2025 Main Location	January 2025	2025	85,868	99,866	-	0%
00133513	TAB WS&F Master Plan	January 2025	2025	257,248	299,849	-	0%
00133514	TAB 004 Chlorine Boosting	January 2025	2026	219,453	246,964	-	0%
00133515	TAB 010 Chlorine Boosting	January 2026	2027	224,938	253,137	-	0%
00133516	TAB 002-T2 Spray Aeration	January 2025	2026	1,065,294	1,215,747	-	0%
00133517	TAB Office Design	January 2026	2027	524,126	600,921	-	0%
00133518	TAB 2026 Backflow Prevention	January 2026	2026	501,905	585,022	-	0%
00133520	TAB 2027 Backflow Prevention	January 2027	2027	514,440	589,816	-	0%
00133521	TAB Compactor/Jackhammer/Compressor	January 2025	2025	100,854	105,800	-	0%
00133522	TAB Insert Valve Machine	January 2025	2025	96,458	101,188	-	0%
00133523	TAB Leak Correlator	January 2025	2025	22,637	23,747	-	0%
00133524	TAB Portable Well Sounder	January 2025	2025	3,016	3,164	-	0%
00133525	TAB Radio Locator	January 2025	2025	11,546	12,113	-	0%
00133533	CSS Rooftop Solar	June 2024	2026	3,600,000	4,153,848	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
00133577	Bakersfield Onsite Solar	June 2024	2026	7,800,000	9,164,393	-	0%
00133578	Network Hardware Replacement_2027	January 2027	2027	345,505	358,793	-	0%
00133579	Network Hardware Replacement 2026	January 2026	2026	337,086	350,050	-	0%
00133584	CSS- STUDY TO RELOCATE GAS LINE	January 2025	2025	132,089	152,778	-	0%
00133585	CSS-RDOM 2ND FL. REDESIGN	January 2025	2025	97,858	113,185	-	0%
00133593	BG - AMI INITIATIVE-VEHICLES/EQUIP	January 2025	2025	559,957	586,068	-	0%
00133596	CSS 2025 mobile water stations	January 2025	2025	77,011	79,973	-	0%
00133598	RDOM-AMI INITIATIVE-VEHICLES/EQUIP	January 2025	2025	559,957	587,310	-	0%
00133599	BSH-AMI INITIATIVE-VEHICLES/EQUIPM	January 2025	2025	1,048,689	1,097,542	-	0%
00133610	WLK 2027 AMI INITIATIVE-METERS	January 2027	2027	2,188,453	2,502,645	-	0%
00133620	AV 2027 AMI INITIATIVE-METERS	January 2027	2027	219,663	241,111	-	0%
00133622	BG 2027 AMI INITIATIVE-METERS	January 2027	2027	5,109,121	5,844,264	-	0%
00133625	LAS 2027 AMI INITIATIVE-METERS	January 2027	2027	4,939,695	5,666,034	-	0%
00133627	MPS 2027 AMI INITIATIVE-METERS	January 2027	2027	9,189,163	10,510,910	-	0%
00132612	PV 2025 Sample Stations	January 2025	2027	42,818	50,359	-	0%
00133632	RDV 2027 AMI INITIATIVE-METERS	January 2027	2027	497,499	579,269	-	0%
00133634	SSF 2027 AMI INITIATIVE-METERS	January 2027	2027	4,296,428	4,914,416	-	0%
00133654	SCADA Server & Network Repl. 2026	January 2026	2026	343,496	356,707	-	0%
00133655	SCADA Server & Network Repl. 2027	January 2027	2027	352,075	365,616	-	0%
00133658	Upgrade CalWater.com 2025	January 2025	2025	105,062	109,103	-	0%
00133659	Upgrade CalWater.com 2027	January 2027	2027	110,379	114,624	-	0%
00133661	30 Mobile Power Generators	February 2025	2025	2,889,219	2,991,449	-	0%
00133714	Workforce Mgt & Integration	January 2025	2027	538,550	559,263	-	0%
00133836	LUC Intake Extension (Design)	January 2025	2027	283,434	329,087	-	0%
00133837	LUC Seismic Mitigation Plan	January 2025	2026	102,630	119,534	-	0%
00134103	TAB 2025 Backflow Prevention	January 2025	2025	489,663	513,677	-	0%
00134104	TAB 2025 Gate Valve Replacement	January 2025	2025	237,813	277,863	-	0%
00134122	KRV-BOD 104 Greensand Media Replc.	January 2025	2025	62,247	73,850	-	0%
00134125	BAY 2025 Grid Strengthening	January 2025	2026	252,903	294,094	-	0%
00134296	KRV Parking Lot Improvements	January 2025	2026	229,517	271,643	-	0%
00134318	TAB Skid Loader	January 2026	2026	110,920	114,749	-	0%
00134437	DOM 2025 Sample Stations	January 2025	2025	51,901	60,634	-	0%
00134440	ELA 2025 Sample Stations	January 2025	2025	12,975	15,202	-	0%
00134444	RDV 2025 Sample Stations	January 2025	2025	14,341	17,017	-	0%
00134446	VIS 2025 Sample Stations	January 2025	2025	12,975	15,173	-	0%
00134469	KRV 2025 Sample Stations	January 2025	2025	232,188	275,466	-	0%
00134472	KC 2027 Sample Stations	January 2027	2027	30,133	34,758	-	0%
AVD0900_25	Meter Replacement Program	January 2025	2025	9,813	10,991	-	0%
AVD0900_26	Meter Replacement Program	January 2026	2026	10,058	11,239	-	0%
BGD0900_25	Meter Replacement Program	January 2025	2025	300,718	349,812	-	0%
BGD0900_26	Meter Replacement Program	January 2026	2026	308,236	357,696	-	0%
BKD0900_25	Meter Replacement Program	January 2025	2025	558,054	655,311	-	0%
BKD0900_26	Meter Replacement Program	January 2026	2026	572,006	670,080	-	0%
BKD0900_27	Meter Replacement Program	January 2027	2027	586,306	675,588	-	0%

[A]		[B]		[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
CHD0900_25	Meter Replacement Program	January 2025	2025	251,733	293,944	-	0%
CHD0900_26	Meter Replacement Program	January 2026	2026	258,026	300,569	-	0%
CHD0900_27	Meter Replacement Program	January 2027	2027	264,477	303,040	-	0%
DIX0900_25	Meter Replacement Program	January 2025	2025	19,316	22,808	-	0%
DIX0900_26	Meter Replacement Program	January 2026	2026	19,799	23,322	-	0%
DIX0900_27	Meter Replacement Program	January 2027	2027	20,294	23,514	-	0%
DOM0900_25	Meter Replacement Program	January 2025	2025	875,883	1,020,917	-	0%
DOM0900_26	Meter Replacement Program	January 2026	2026	897,780	1,043,926	-	0%
DOM0900_27	Meter Replacement Program	January 2027	2027	920,225	1,052,507	-	0%
ELA0900_25	Meter Replacement Program	January 2025	2025	246,161	287,672	-	0%
ELA0900_26	Meter Replacement Program	January 2026	2026	252,315	294,155	-	0%
ELA0900_27	Meter Replacement Program	January 2027	2027	258,623	296,573	-	0%
HRD0900_25	Meter Replacement Program	January 2025	2025	498,409	584,033	-	0%
HRD0900_26	Meter Replacement Program	January 2026	2026	510,870	597,195	-	0%
HRD0900_27	Meter Replacement Program	January 2027	2027	523,641	602,104	-	0%
KCD0900_25	Meter Replacement Program	January 2025	2025	19,181	22,484	-	0%
KCD0900_26	Meter Replacement Program	January 2026	2026	19,660	22,990	-	0%
KCD0900_27	Meter Replacement Program	January 2027	2027	20,152	23,179	-	0%
KRV0900_25	Meter Replacement Program	January 2025	2025	13,925	16,462	-	0%
KRV0900_26	Meter Replacement Program	January 2026	2026	14,273	16,833	-	0%
KRV0900_27	Meter Replacement Program	January 2027	2027	14,630	16,972	-	0%
LAS0900_25	Meter Replacement Program	January 2025	2025	274,002	319,541	-	0%
LAS0900_26	Meter Replacement Program	January 2026	2026	280,852	326,743	-	0%
LIV0900_25	Meter Replacement Program	January 2025	2025	197,155	230,743	-	0%
LIV0900_26	Meter Replacement Program	January 2026	2026	202,084	235,943	-	0%
LIV0900_27	Meter Replacement Program	January 2027	2027	207,136	237,882	-	0%
MRL0900_25	Meter Replacement Program	January 2025	2025	23,628	27,491	-	0%
MRL0900_26	Meter Replacement Program	January 2026	2026	24,219	28,110	-	0%
MRL0900_27	Meter Replacement Program	January 2027	2027	24,824	28,341	-	0%
ORO0900_25	Meter Replacement Program	January 2025	2025	46,756	54,634	-	0%
ORO0900_26	Meter Replacement Program	January 2026	2026	47,925	55,865	-	0%
ORO0900_27	Meter Replacement Program	January 2027	2027	49,123	56,325	-	0%
00133629	PV 2027 AMI INITIATIVE-METERS	January 2026	2026	6,281,129	7,248,977	-	0%
SEL0900_25	Meter Replacement Program	January 2025	2025	55,690	64,819	-	0%
SEL0900_26	Meter Replacement Program	January 2026	2026	57,082	66,279	-	0%
SEL0900_27	Meter Replacement Program	January 2027	2027	58,509	66,824	-	0%
SLN0900_25	Meter Replacement Program	January 2025	2025	273,679	318,932	-	0%
SLN0900_26	Meter Replacement Program	January 2026	2026	280,521	326,120	-	0%
SLN0900_27	Meter Replacement Program	January 2027	2027	287,534	328,801	-	0%
SMD0900_25	Meter Replacement Program	January 2025	2025	427,348	497,095	-	0%
SMD0900_26	Meter Replacement Program	January 2026	2026	438,032	508,298	-	0%
SSF0900_25	Meter Replacement Program	January 2025	2025	212,066	246,677	-	0%
SSF0900_26	Meter Replacement Program	January 2026	2026	217,368	252,236	-	0%
STK0900_25	Meter Replacement Program	January 2025	2025	325,999	381,233	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
STK0900_26	Meter Replacement Program	January 2026	2026	334,149	389,825	-	0%
STK0900_27	Meter Replacement Program	January 2027	2027	342,503	393,029	-	0%
VIS0900_25	Meter Replacement Program	January 2025	2025	409,239	477,419	-	0%
VIS0900_26	Meter Replacement Program	January 2026	2026	419,470	488,179	-	0%
VIS0900_27	Meter Replacement Program	January 2027	2027	429,957	492,191	-	0%
WIL0900_25	Meter Replacement Program	January 2025	2025	26,390	31,039	-	0%
WIL0900_26	Meter Replacement Program	January 2026	2026	27,050	31,738	-	0%
WIL0900_27	Meter Replacement Program	January 2027	2027	27,726	31,999	-	0%
WLK0900_25	Meter Replacement Program	January 2025	2025	110,437	128,433	-	0%
WLK0900_26	Meter Replacement Program	January 2026	2026	113,198	131,328	-	0%
129-NON-SP	129- Antelope Valley Non-specific	January 2025	2025	43,400	48,547	-	0%
101-NON-SP	101- Bakersfield Non-specific	January 2025	2025	2,460,000	2,877,379	-	0%
152-NON-SP	152- Bayshore Non-specific	January 2025	2025	126,000	133,918	-	0%
102-NON-SP	102- Bear Gulch Non-specific	January 2025	2025	1,517,800	1,760,718	-	0%
104-NON-SP	104- Chico Non-specific	January 2025	2025	703,600	816,058	-	0%
105-NON-SP	105- Dixon Non-specific	January 2025	2025	46,600	54,850	-	0%
128-NON-SP	128- Dominguez Non-specific	January 2025	2025	567,600	663,110	-	0%
106-NON-SP	106- East Los Angeles Non-specific	January 2025	2025	658,100	759,680	-	0%
330-NON-SP	330- General Office Non-specific	January 2025	2025	1,200,700	1,241,609	-	0%
108-NON-SP	108- Hermosa Redondo Non-specific	January 2025	2025	758,600	891,110	-	0%
134-NON-SP	134- Kern River Valley Non-specific	January 2025	2025	269,900	318,777	-	0%
109-NON-SP	109- King City Non-specific	January 2025	2025	65,400	76,601	-	0%
110-NON-SP	110- Livermore Non-specific	January 2025	2025	228,900	266,452	-	0%
111-NON-SP	111- Los Altos Suburban Non-specifi	January 2025	2025	2,148,800	2,509,251	-	0%
112-NON-SP	112- Marysville Non-specific	January 2025	2025	172,800	200,356	-	0%
116-NON-SP	116- Mid Peninsula Non-specific	January 2025	2025	803,600	934,117	-	0%
113-NON-SP	113- Oroville Non-specific	January 2025	2025	262,300	306,432	-	0%
PVD0900_25	Meter Replacement Program	January 2025	2025	463,624	543,731	-	0%
151-NON-SP	151- Rancho Dom Reg Non-specific	January 2025	2025	269,800	288,171	-	0%
146-NON-SP	146- Redwood Valley Non-specific	January 2025	2025	337,000	393,868	-	0%
114-NON-SP	114- Salinas Non-specific	January 2025	2025	1,141,300	1,317,863	-	0%
117-NON-SP	117- Selma Non-specific	January 2025	2025	135,900	154,100	-	0%
118-NON-SP	118- So. San Francisco Non-specific	January 2025	2025	171,900	198,939	-	0%
119-NON-SP	119- Stockton Non-specific	January 2025	2025	1,124,000	1,295,279	-	0%
157-NON-SP	157- Travis Non-Specific	January 2025	2025	568,500	638,326	-	0%
120-NON-SP	120- Visalia Non-specific	January 2025	2025	1,329,000	1,539,826	-	0%
123-NON-SP	123- Westlake Non-specific	January 2025	2025	558,700	647,061	-	0%
121-NON-SP	121- Willows Non-specific	January 2025	2025	93,600	108,777	-	0%
129-NON-SP	129- Antelope Valley Non-specific	January 2026	2026	44,400	49,546	-	0%
101-NON-SP	101- Bakersfield Non-specific	January 2026	2026	2,514,900	2,934,908	-	0%
152-NON-SP	152- Bayshore Non-specific	January 2026	2026	129,100	137,161	-	0%
102-NON-SP	102- Bear Gulch Non-specific	January 2026	2026	1,555,800	1,800,652	-	0%
104-NON-SP	104- Chico Non-specific	January 2026	2026	721,400	834,856	-	0%
105-NON-SP	105- Dixon Non-specific	January 2026	2026	47,600	55,896	-	0%

[A]	[B]	[C]	[D]	[E]			
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
128-NON-SP	128- Dominguez Non-specific	January 2026	2026	581,700	677,950	-	0%
106-NON-SP	106- East Los Angeles Non-specific	January 2026	2026	674,600	777,110	-	0%
330-NON-SP	330- General Office Non-specific	January 2026	2026	1,230,800	1,272,875	-	0%
108-NON-SP	108- Hermosa Redondo Non-specific	January 2026	2026	777,700	911,353	-	0%
134-NON-SP	134- Kern River Valley Non-specific	January 2026	2026	276,600	325,947	-	0%
109-NON-SP	109- King City Non-specific	January 2026	2026	66,900	78,182	-	0%
110-NON-SP	110- Livermore Non-specific	January 2026	2026	234,500	272,366	-	0%
111-NON-SP	111- Los Altos Suburban Non-specifi	January 2026	2026	2,202,500	2,565,828	-	0%
112-NON-SP	112- Marysville Non-specific	January 2026	2026	177,100	204,877	-	0%
116-NON-SP	116- Mid Peninsula Non-specific	January 2026	2026	823,700	955,232	-	0%
113-NON-SP	113- Oroville Non-specific	January 2026	2026	268,500	312,948	-	0%
PVD0900_26	Meter Replacement Program	January 2026	2026	475,215	555,985	-	0%
151-NON-SP	151- Rancho Dom Reg Non-specific	January 2026	2026	276,600	295,309	-	0%
146-NON-SP	146- Redwood Valley Non-specific	January 2026	2026	345,500	402,969	-	0%
114-NON-SP	114- Salinas Non-specific	January 2026	2026	1,170,200	1,348,319	-	0%
117-NON-SP	117- Selma Non-specific	January 2026	2026	139,300	157,675	-	0%
118-NON-SP	118- So. San Francisco Non-specific	January 2026	2026	176,200	203,457	-	0%
119-NON-SP	119- Stockton Non-specific	January 2026	2026	1,152,000	1,324,844	-	0%
157-NON-SP	157- Travis Non-Specific	January 2026	2026	582,700	653,262	-	0%
120-NON-SP	120- Visalia Non-specific	January 2026	2026	1,362,200	1,574,808	-	0%
123-NON-SP	123- Westlake Non-specific	January 2026	2026	572,600	661,659	-	0%
121-NON-SP	121- Willows Non-specific	January 2026	2026	96,100	111,446	-	0%
129-NON-SP	129- Antelope Valley Non-specific	January 2027	2027	45,600	50,052	-	0%
101-NON-SP	101- Bakersfield Non-specific	January 2027	2027	2,577,900	2,962,179	-	0%
152-NON-SP	152- Bayshore Non-specific	January 2027	2027	132,300	140,214	-	0%
102-NON-SP	102- Bear Gulch Non-specific	January 2027	2027	1,594,900	1,816,986	-	0%
104-NON-SP	104- Chico Non-specific	January 2027	2027	739,200	842,591	-	0%
105-NON-SP	105- Dixon Non-specific	January 2027	2027	48,800	56,420	-	0%
128-NON-SP	128- Dominguez Non-specific	January 2027	2027	596,200	683,474	-	0%
106-NON-SP	106- East Los Angeles Non-specific	January 2027	2027	691,300	785,015	-	0%
330-NON-SP	330- General Office Non-specific	January 2027	2027	1,261,500	1,305,501	-	0%
108-NON-SP	108- Hermosa Redondo Non-specific	January 2027	2027	797,200	918,949	-	0%
134-NON-SP	134- Kern River Valley Non-specific	January 2027	2027	283,600	328,940	-	0%
109-NON-SP	109- King City Non-specific	January 2027	2027	68,800	79,123	-	0%
110-NON-SP	110- Livermore Non-specific	January 2027	2027	240,500	275,084	-	0%
111-NON-SP	111- Los Altos Suburban Non-specifi	January 2027	2027	2,257,600	2,587,356	-	0%
112-NON-SP	112- Marysville Non-specific	January 2027	2027	181,500	206,692	-	0%
116-NON-SP	116- Mid Peninsula Non-specific	January 2027	2027	844,400	963,600	-	0%
113-NON-SP	113- Oroville Non-specific	January 2027	2027	275,400	315,859	-	0%
122-NON-SP	122- Palos Verdes Non-specific	January 2027	2027	903,900	1,061,066	-	0%
151-NON-SP	151- Rancho Dom Reg Non-specific	January 2027	2027	283,500	301,803	-	0%
146-NON-SP	146- Redwood Valley Non-specific	January 2027	2027	353,900	406,910	-	0%
114-NON-SP	114- Salinas Non-specific	January 2027	2027	1,199,100	1,361,298	-	0%
117-NON-SP	117- Selma Non-specific	January 2027	2027	142,700	159,540	-	0%

[A]			[B]	[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
118-NON-SP	118- So. San Francisco Non-specific	January 2027	2027	180,400	205,113	-	0%
119-NON-SP	119- Stockton Non-specific	January 2027	2027	1,180,900	1,339,263	-	0%
157-NON-SP	157- Travis Non-Specific	January 2027	2027	597,300	662,582	-	0%
120-NON-SP	120- Visalia Non-specific	January 2027	2027	1,396,100	1,589,739	-	0%
123-NON-SP	123- Westlake Non-specific	January 2027	2027	587,100	667,918	-	0%
121-NON-SP	121- Willows Non-specific	January 2027	2027	98,300	112,383	-	0%
129UNSCH	AVD Unscheduled Replacements	January 2025	2025	79	89	-	0%
101UNSCH	BKD Unscheduled Replacements	January 2025	2025	8,187,318	9,642,627	-	0%
102UNSCH	BGD Unscheduled Replacements	January 2025	2025	3,318,304	3,868,236	-	0%
104UNSCH	CHD Unsheduled Replacement	January 2025	2025	2,653,751	3,106,367	-	0%
105UNSCH	DIX Unscheduled Replacements	January 2025	2025	291,868	345,812	-	0%
128UNSCH	DOM Unscheduled Replacements	January 2025	2025	1,871,309	2,186,194	-	0%
106UNSCH	ELA Unscheduled Replacements	January 2025	2025	2,012,917	2,358,323	-	0%
108UNSCH	HRD Unscheduled Replacements	January 2025	2025	1,630,815	1,916,274	-	0%
134UNSCH	KRV Unscheduled Replacements	January 2025	2025	94,722	112,378	-	0%
109UNSCH	KCD Unscheduled Replacements	January 2025	2025	371,774	437,017	-	0%
110UNSCH	LIV Unscheduled Replacements	January 2025	2025	1,239,170	1,454,141	-	0%
111UNSCH	LAS Unscheduled Replacements	January 2025	2025	2,723,649	3,183,782	-	0%
147UNSCH	LUC Unscheduled Replacements	January 2025	2025	97,040	114,822	-	0%
112UNSCH	MRL Unscheduled Replacements	January 2025	2025	274,795	320,397	-	0%
116UNSCH	MPS Unscheduled Replacements	January 2025	2025	2,811,397	3,277,177	-	0%
113UNSCH	ORO Unscheduled Replacements	January 2025	2025	795,806	932,243	-	0%
122-NON-SP	122- Palos Verdes Non-specific	January 2025	2025	926,500	1,085,017	-	0%
146UNSCH	RDV Unscheduled Replacements	January 2025	2025	220,428	261,558	-	0%
114UNSCH	SLN Unscheduled Replacements	January 2025	2025	3,994,437	4,665,556	-	0%
117UNSCH	SEL Unscheduled Replacements	January 2025	2025	791,083	922,763	-	0%
118UNSCH	SSF Unscheduled Replacements	January 2025	2025	659,583	768,860	-	0%
119UNSCH	STK Unscheduled Replacements	January 2025	2025	3,474,404	4,073,603	-	0%
157UNSCH	TAB Unscheduled Replacements	January 2025	2025	81,012	94,656	-	0%
120UNSCH	VIS Unscheduled Replacements	January 2025	2025	4,807,143	5,621,364	-	0%
123UNSCH	WLK Unscheduled Replacements	January 2025	2025	1,517,183	1,768,127	-	0%
121UNSCH	WIL Unscheduled Replacements	January 2025	2025	287,233	338,873	-	0%
129UNSCH	AVD Unscheduled Replacements	January 2026	2026	81	91	-	0%
101UNSCH	BKD Unscheduled Replacements	January 2026	2026	8,392,001	9,859,948	-	0%
102UNSCH	BGD Unscheduled Replacements	January 2026	2026	3,401,261	3,955,417	-	0%
104UNSCH	CHD Unsheduled Replacement	January 2026	2026	2,720,095	3,176,377	-	0%
105UNSCH	DIX Unscheduled Replacements	January 2026	2026	299,164	353,606	-	0%
128UNSCH	DOM Unscheduled Replacements	January 2026	2026	1,918,092	2,235,465	-	0%
106UNSCH	ELA Unscheduled Replacements	January 2026	2026	2,063,240	2,411,474	-	0%
108UNSCH	HRD Unscheduled Replacements	January 2026	2026	1,671,585	1,959,462	-	0%
134UNSCH	KRV Unscheduled Replacements	January 2026	2026	97,090	114,911	-	0%
109UNSCH	KCD Unscheduled Replacements	January 2026	2026	381,069	446,866	-	0%
110UNSCH	LIV Unscheduled Replacements	January 2026	2026	1,270,149	1,486,914	-	0%
111UNSCH	LAS Unscheduled Replacements	January 2026	2026	2,791,740	3,255,537	-	0%

[A]		[B]		[C]		[D]	[E]
PID	Description	Project Starting Date	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)
147UNSCH	LUC Unscheduled Replacements	January 2026	2026	99,466	117,409	-	0%
112UNSCH	MRL Unscheduled Replacements	January 2026	2026	281,665	327,618	-	0%
116UNSCH	MPS Unscheduled Replacements	January 2026	2026	2,881,682	3,351,036	-	0%
113UNSCH	ORO Unscheduled Replacements	January 2026	2026	815,701	953,254	-	0%
122-NON-SP	122- Palos Verdes Non-specific	January 2026	2026	949,700	1,094,291	-	0%
146UNSCH	RDV Unscheduled Replacements	January 2026	2026	225,939	267,453	-	0%
114UNSCH	SLN Unscheduled Replacements	January 2026	2026	4,094,298	4,770,706	-	0%
117UNSCH	SEL Unscheduled Replacements	January 2026	2026	810,860	943,560	-	0%
118UNSCH	SSF Unscheduled Replacements	January 2026	2026	676,073	786,188	-	0%
119UNSCH	STK Unscheduled Replacements	January 2026	2026	3,561,264	4,165,413	-	0%
157UNSCH	TAB Unscheduled Replacements	January 2026	2026	83,038	96,789	-	0%
120UNSCH	VIS Unscheduled Replacements	January 2026	2026	4,927,321	5,748,056	-	0%
123UNSCH	WLK Unscheduled Replacements	January 2026	2026	1,555,113	1,807,976	-	0%
121UNSCH	WIL Unscheduled Replacements	January 2026	2026	294,414	346,511	-	0%
129UNSCH	AVD Unscheduled Replacements	January 2027	2027	84	92	-	0%
101UNSCH	BKD Unscheduled Replacements	January 2027	2027	8,601,801	9,940,994	-	0%
102UNSCH	BGD Unscheduled Replacements	January 2027	2027	3,486,293	3,987,929	-	0%
104UNSCH	CHD Unsheduled Replacement	January 2027	2027	2,788,097	3,202,486	-	0%
105UNSCH	DIX Unscheduled Replacements	January 2027	2027	306,643	356,512	-	0%
128UNSCH	DOM Unscheduled Replacements	January 2027	2027	1,966,044	2,253,840	-	0%
106UNSCH	ELA Unscheduled Replacements	January 2027	2027	2,114,821	2,431,296	-	0%
108UNSCH	HRD Unscheduled Replacements	January 2027	2027	1,713,375	1,975,568	-	0%
134UNSCH	KRV Unscheduled Replacements	January 2027	2027	99,518	115,855	-	0%
109UNSCH	KCD Unscheduled Replacements	January 2027	2027	390,596	450,539	-	0%
110UNSCH	LIV Unscheduled Replacements	January 2027	2027	1,301,903	1,499,136	-	0%
111UNSCH	LAS Unscheduled Replacements	January 2027	2027	2,861,533	3,282,297	-	0%
147UNSCH	LUC Unscheduled Replacements	January 2027	2027	101,953	118,374	-	0%
112UNSCH	MRL Unscheduled Replacements	January 2027	2027	288,706	330,311	-	0%
116UNSCH	MPS Unscheduled Replacements	January 2027	2027	2,953,724	3,378,581	-	0%
113UNSCH	ORO Unscheduled Replacements	January 2027	2027	836,094	961,089	-	0%
122UNSCH	PVD Unscheduled Replacements	January 2027	2027	1,296,837	1,525,238	-	0%
146UNSCH	RDV Unscheduled Replacements	January 2027	2027	231,587	269,651	-	0%
114UNSCH	SLN Unscheduled Replacements	January 2027	2027	4,196,656	4,809,920	-	0%
117UNSCH	SEL Unscheduled Replacements	January 2027	2027	831,131	951,316	-	0%
118UNSCH	SSF Unscheduled Replacements	January 2027	2027	692,975	792,651	-	0%
119UNSCH	STK Unscheduled Replacements	January 2027	2027	3,650,296	4,199,651	-	0%
157UNSCH	TAB Unscheduled Replacements	January 2027	2027	85,113	97,584	-	0%
120UNSCH	VIS Unscheduled Replacements	January 2027	2027	5,050,504	5,795,304	-	0%
123UNSCH	WLK Unscheduled Replacements	January 2027	2027	1,593,991	1,822,837	-	0%
121UNSCH	WIL Unscheduled Replacements	January 2027	2027	301,774	349,359	-	0%

**ATTACHMENT 1-2:
CWS Response to DR SIH 006
(Proposed Capital Projects), Attachment #1**



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 006 Response (2024 GRC, A.24-07-003) –Page 1

RESPONSE TO DATA REQUEST

2024 GENERAL RATE CASE, A.24-07-003

To: **Public Advocates Office**

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From: **California Water Service** <mailto:2024GRCDataRequest@calwater.com>

Natalie D. Wales (408) 367-8566
Director, Rates nwales@calwater.com

Patrick Alexander (408) 367-8230
General Rate Case Manager palexander@calwater.com

Melody Singh (916) 329-1856
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Date: November 13, 2024 Re: SIH 006 Subj: Proposed Capital Projects	Request Received from CPUC: November 6, 2024 Requested Due Date: November 13, 2024
Comments: <ul style="list-style-type: none"> • Full response attached. • Response provided by Engineering. • Does not contain confidential information. • This response refers to the following attachments included separately: <ul style="list-style-type: none"> ○ SIH-006 Attachment #1 	



Data Requests and Responses

Referring to the list of capital projects provided in A2407003 Public Advocates Data Request KN3-007 (All Capital Projects-II) Attachment 1- Project List:

1. Please clarify whether the provided contingency amounts are the total escalated costs or the base 2023 dollar amounts.

Response: These costs are in 2023 dollars.

2. Please provide the formula Cal Water is using to determine escalation on capital projects. If Cal Water used different escalation formulas for different capital project types, please provide each formula and clarify which project types it applies to.

Response: Cal Water escalated all capital projects at a rate of 2.5% per year from the base year of 2023.

3. Please provide the total construction management and special inspections cost associated with each project by completing columns L and M in the attached Excel spreadsheet, "A2407003 Public Advocates DR SIH-006 (Proposed Capital Projects) Attachment 01." which is from the above referenced data request response.

Response: Please see attachment #1. Please note that for projects that were originally budgeted before the 2021 GRC, Construction Management and Special Inspection costs were not added to projects with consistent nomenclature, so they need to be identified manually; therefore, there may be some minor omissions in the attachment from these older projects.

End Response

CWS Response to DR SIH-006 Attachment #1

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Sepcial Inspections Cost (\$)
South Bay Region	12047	WELLHEAD TREATMENT STA 219-02	2024	215,696	256,902	-	0%	Yes	315.11	\$ -	0%	\$ -
Bay Area Region	20688	Access Road at SSF Sta 11	2024	78,891	92,577	-	0%	Yes	N/A	\$ -	0%	\$ -
South Bay Region	20775	Well 301 (long Beach)	2026	5,302,035	5,994,389	44,612	10%	Advice Letter	\$ 5,302,035.44	\$ -	0%	\$ -
South Bay Region	20838	Construct/Equip Well 216-02	2024	5,583,966	6,478,007	58,087	10%	Advice Letter	(138,993)	\$ -	0%	\$ -
South Bay Region	21521	TREAMENT WELL 219-02	2024	219,916	256,921	-	0%	Yes	11,287.67	\$ -	0%	\$ -
Stockton	61732	STK 77-01 Replace Pump & Col	2024	101,266	118,184	8,702	10%	Advice Letter	\$ 26,455.98	\$ -	0%	\$ -
Bay Area Region	61972	Purchase Land for SM Well	2024	2,661,469	3,094,956	266,147	10%	Advice Letter	\$ 2,661,469.00	\$ -	0%	\$ -
Bear Gulch	65389	Sta 33 STA Rebuild	2025	862,112	987,691	547,967	20%	Advice Letter	\$ 862,111.79	\$ -	0%	\$ -
Bear Gulch	76196	Operations Center Design	2025	65,401	76,240	4,751	10%	Yes	20,072.39	\$ -	0%	\$ -
Bear Gulch	97302	Sta 42 0.25MG Welded Steel Tank	2024	2,677,915	3,081,201	267,792	10%	Advice Letter	\$ 2,677,915.37	\$ -	0%	\$ -
Bear Gulch	97310	Sta 5 3MG Welded Steel Tank	2026	2,616,668	2,948,748	261,667	10%	Advice Letter	\$ 2,616,667.65	\$ -	0%	\$ -
North Valley Region	97517	Cherokee Res: Conceptual Design	2025	18,652	21,245	-	0%	Yes	682.40	\$ -	0%	\$ -
Bear Gulch	97628	Raw Water Line	2024	406,121	482,737	33,856	10%	Advice Letter	\$ 406,121.12	\$ -	0%	\$ -
Bear Gulch	97637	Sta 3 Reduce Sediment Intake	2025	369,009	423,671	31,144	10%	Advice Letter	\$ 369,009.23	\$ -	0%	\$ -
South Bay Region	97756	HR Sta 24 rebuild design	2025	379,747	440,051	304,011	10%	Advice Letter	\$ 110,615.14	\$ -	0%	\$ -
North Valley Region	97980	Purchase Land for New Well Site	2024	194,093	228,167	13,679	10%	Yes	(62,019.37)	\$ -	0%	\$ -
Bear Gulch	98018	Upper Diversion Slope Stabilization	2025	593,192	691,500	41,804	10%	Advice Letter	\$ 593,192.41	\$ -	0%	\$ -
Salinas Valley Region	98022	Storage/Dump Facility STN14 SLN	2025	379,747	435,461	50,944	10%	Yes	13,893.18	\$ -	0%	\$ -
Bear Gulch	98036	BG Skeggs Tanks (Design)	2026	423,336	480,826	162,246	10%	Advice Letter	\$ 423,336.35	\$ -	0%	\$ -
LA County Region	98227	PV Storage Study	2025	632,911	731,705	52,307	10%	Yes	23,155.29	\$ -	0%	\$ -
Bear Gulch	98236	Upper Low Zone Mitigation	2024	716,614	824,748	50,501	10%	Advice Letter	\$ 716,613.83	\$ -	0%	\$ -
Westlake	98271	Sta 001 Install Cover for Genset	2024	34,049	40,547	-	0%	Yes	1,245.69	\$ -	0%	\$ -
South Bay Region	98334	Sta 300 New Well 01	2025	83,139	97,129	5,859	10%	Advice Letter	\$ 83,139.13	\$ -	0%	\$ -
Bear Gulch	98428	Video Surveillance at Reservoir	2024	93,002	109,842	7,416	10%	Yes	3,402.50	\$ -	0%	\$ -
Bay Area Region	98466	ARMV 002-T1-Overflow Airgap Retrof.	2024	20,849	24,491	1,466	10%	Advice Letter	\$ 20,848.51	\$ -	0%	\$ -
Westlake	98530	Sta 007 Install Driveway at Harper	2024	421,941	502,466	29,735	10%			\$ -	0%	\$ -
Bay Area Region	98596	Partial Rebuild SC 106	2024	951,964	1,097,936	110,338	10%	Yes	575,540.95	\$ -	0%	\$ -
Marysville	98693	Panelboard Replacement MRL 9	2024	485,317	544,581	34,200	10%	Advice Letter	\$ 253,763.44	\$ -	0%	\$ -
Los Altos	98765	Flow meters at 3 of 5 stations	2024	253,165	290,390	-	0%	Yes	49,912.52	\$ -	0%	\$ -
North Valley Region	98912	Solar Powered Transmitter	2024	46,763	55,976	-	0%			\$ -	0%	\$ -
Bakersfield	99154	Replace chemical feed pumps	2024	264,515	296,680	-	0%	Yes	(182,639.70)	\$ -	0%	\$ -
South Bay Region	99173	Advanced Metering Infrastructure	2024	2,042,194	2,387,520	-	0%	Yes	800,028.90	\$ -	0%	\$ -
South Bay Region	99183	Advanced Metering Infrastructure	2024	1,321,570	1,515,576	-	0%	Yes	48,350.11	\$ -	0%	\$ -
Bay Area Region	99307	Widen Driveway	2024	334,464	381,624	23,570	10%	Yes	12,236.49	\$ -	0%	\$ -
South Bay Region	99341	IX Treatment DOM 297	2024	4,344,021	4,865,516	326,266	10%	Advice Letter	(231,614)	\$ -	0%	\$ -
South Bay Region	99381	Nitrification Mitigation	2025	468,925	547,830	-	0%			\$ -	0%	\$ -
South Bay Region	99415	Replace Discharge Pipe Sta-297	2024	36,287	42,721	2,557	10%	Yes	1,327.57	\$ -	0%	\$ -
Bakersfield	103497	New Well Property North Garden #1	2024	506,329	582,614	-	0%	Yes	55,744.56	\$ -	0%	\$ -
Los Altos	114151	LAS 9 Tank Mixing	2024	1,017,728	1,195,694	-	0%	Yes	733,175.42	\$ -	0%	\$ -
Bakersfield	114159	BK-100 Station Re-Build	2024	253,165	297,449	9,596	10%	Yes	202,130.41	\$ -	0%	\$ -
Stockton	114288	STK-35 Station Rebuild	2024	1,123,773	1,259,451	141,444	20%	Yes	656,293.81	\$ -	0%	\$ -
East Los Angeles	114301	ELA Station 61 Pump Station	2025	1,073,249	1,222,458	109,492	20%	Advice Letter	\$ 1,073,249.05	\$ -	0%	\$ -
Bear Gulch	114325	Sta 18 Station Rebuild	2024	1,590,720	1,846,481	240,372	20%	Advice Letter	\$ 1,590,720.17	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bear Gulch	114326	BG Sta 40 Property Acquisition	2024	1,264	1,477	204	20%	Advice Letter	\$ 1,264.01	\$ -	0%	\$ -
Bear Gulch	114327	Low Zone Surge Protection	2024	822,803	965,558	126,103	20%	Advice Letter	\$ (33,544.22)	\$ -	0%	\$ -
Bear Gulch	114328	Portola Road Pipeline	2024	2,043,063	2,366,504	213,972	10%	Yes	1,948,233.21	\$ -	0%	\$ -
North Valley Region	114342	Chico Station 11 Rebuild	2025	103,458	118,725	7,586	10%	Advice Letter	\$ 103,458.09	\$ -	0%	\$ -
Westlake	114361	Harris Res. - Install PAX Mixer	2024	280,944	334,561	27,564	20%	Advice Letter	\$ 42,271.26	\$ -	0%	\$ -
South Bay Region	114364	HR Sta 23 Seismic Retrofit	2024	200,541	240,789	19,669	20%	Advice Letter	\$ 200,540.93	\$ -	0%	\$ -
South Bay Region	114459	HR Sta 24 Rebuild-Construction	2025	3,550,597	4,037,355	353,254	20%	Advice Letter	\$ 3,550,597.07	\$ -	0%	\$ -
South Bay Region	114503	Sta 215 Treatment Plant Design	2024	632,911	720,727	87,326	20%	Yes	(817.61)	\$ -	0%	\$ -
South Bay Region	114504	Sta 203 Booster System Design	2024	506,329	591,529	48,747	20%	Advice Letter	\$ 506,329.11	\$ -	0%	\$ -
South Bay Region	114507	Sta 215 Treatment Plant Construct	2024	4,430,380	5,175,879	588,203	20%	Yes	(1,204,549.52)	\$ -	0%	\$ -
South Bay Region	114508	Sta 219 Treatment Plant Design	2025	81,718	95,469	10,434	20%	Yes	81,717.89	\$ -	0%	\$ -
Bear Gulch	114641	Sta 14 Partial Rebuild	2025	2,953,586	3,383,821	472,019	20%	Yes	2,332,486.62	\$ -	0%	\$ -
Bear Gulch	114642	Sta 21 Partial Rebuild	2024	1,872,104	2,182,362	288,695	20%	Advice Letter	\$ 1,872,104.28	\$ -	0%	\$ -
Bear Gulch	114643	Sta 17 Partial Rebuild	2025	215,533	246,929	32,559	20%	Advice Letter	\$ 215,533.36	\$ -	0%	\$ -
Bear Gulch	114644	AMI (Smart) Meter Pilot	2024	1,065,573	1,263,904	135,614	20%	Advice Letter	\$ 1,065,572.66	\$ -	0%	\$ -
Bear Gulch	114646	Sta 30 Chem Addition	2024	954,364	1,129,585	144,102	20%	Yes	547,859.65	\$ -	0%	\$ -
LA County Region	114791	Lake Hughes 003-T1 Seismic Retrofit	2024	73,320	84,897	7,417	20%	Yes	20,138.67	\$ -	0%	\$ -
LA County Region	114792	LAN 001-T2 Seismic Retrofit	2024	87,764	101,621	8,879	10%	Yes	(26,057.43)	\$ -	0%	\$ -
LA County Region	114793	LAN 001-T3 Seismic Retrofit	2024	87,764	100,316	8,662	10%	Yes	(26,057.43)	\$ -	0%	\$ -
South Bay Region	114865	DOM 277-A: Pump and Motor Replace	2024	41,235	49,225	1,484	10%	Advice Letter	\$ 41,234.84	\$ -	0%	\$ -
Bakersfield	114875	BK 140-1W: Pump & Motor Replace	2024	151,899	174,678	5,872	10%	Yes	62,191.21	\$ -	0%	\$ -
Bay Area Region	114882	ARMV 002-T1 - New CP Install	2024	11,730	13,779	1,228	10%	Yes	3,599.88	\$ -	0%	\$ -
North Valley Region	114889	Station Rebuild CH STA 12	2024	557,069	648,879	38,807	10%	Advice Letter	\$ 557,068.94	\$ -	0%	\$ -
LA County Region	114949	Sta 005 Rebuild	2025	62,324	74,901	6,546	20%	Advice Letter	\$ 62,324.04	\$ -	0%	\$ -
CSS	114960	WQ-VOC GC/MS	2024	189,060	196,331	-	0%	Advice Letter	\$ (10,692.83)	\$ -	0%	\$ -
Bay Area Region	114980	SSF Sta.11 New Access Road	2025	27,806	31,795	2,738	10%	Advice Letter	\$ 27,806.21	\$ -	0%	\$ -
Westlake	114982	WLK Emergency Fuel Supply	2024	26,564	31,633	2,998	10%	Advice Letter	\$ 26,563.51	\$ -	0%	\$ -
Bay Area Region	114994	MPS 116-A: Pump & Motor Replacement	2024	53,461	62,870	5,319	10%	Yes	1,955.90	\$ -	0%	\$ -
Bear Gulch	115002	BG 036-A: Pump & Motor Replacement	2024	42,194	49,302	4,157	10%	Advice Letter	\$ (6,501.36)	\$ -	0%	\$ -
Bay Area Region	115010	Install new station piping SM116	2025	176,963	201,430	16,337	10%	Advice Letter	\$ 176,962.82	\$ -	0%	\$ -
Bear Gulch	115017	BG 043-A:Pump & Motor Replacement	2024	2,403	2,826	237	10%	Advice Letter	\$ 2,403.40	\$ -	0%	\$ -
Bear Gulch	115020	BG 43-B:Pump & Motor Replacement	2024	3,247	3,819	320	10%	Advice Letter	\$ 3,247.28	\$ -	0%	\$ -
Visalia	115059	New Tank Install	2024	3,247,930	3,779,937	-	0%	Advice Letter	\$ 3,247,930.08	\$ -	0%	\$ -
Bay Area Region	115080	Panelboard Replacement MPS 117	2027	274,913	309,130	26,810	10%	Advice Letter	\$ 274,912.56	\$ -	0%	\$ -
Bay Area Region	115085	Replace Panelboard MPS 118	2024	302,473	358,758	-	0%	Advice Letter	\$ 302,472.70	\$ -	0%	\$ -
South Bay Region	115087	Sepulveda Line Reliability Study	2025	125,597	147,174	12,511	20%	Advice Letter	\$ 125,597.06	\$ -	0%	\$ -
Bakersfield	115097	Replace 5 CL2 Tanks 2021	2024	19,409	22,738	693	10%	Advice Letter	\$ 1,387.13	\$ -	0%	\$ -
Marysville	115109	Marysville 12 Panel & Generator	2024	380,956	442,162	25,891	10%	Advice Letter	\$ 380,956.01	\$ -	0%	\$ -
Bay Area Region	115110	Panelboard Replacement MPS 107	2024	464,135	550,502	-	0%	Advice Letter	\$ 464,135.02	\$ -	0%	\$ -
Bay Area Region	115112	Panelboard Replacement MPS 112	2024	484,975	561,733	-	0%	Advice Letter	\$ 484,974.67	\$ -	0%	\$ -
Los Altos	115162	LAS 013-C Replace Pump and Motor	2024	46,539	54,287	4,538	10%	Yes	(22,858.72)	\$ -	0%	\$ -
Bear Gulch	115179	Panelboard Replacement BG-16	2024	881,460	1,036,617	92,316	10%	Yes	596,907.07	\$ -	0%	\$ -
CSS	115207	SGMA support & review	2024	199,387	232,160	-	0%	Advice Letter	\$ 629.54	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Stockton	115212	12" Cherokee Rd. Pipeline	2024	6,585	7,808	-	0%	Advice Letter	\$ 6,585.06	\$ -	0%	\$ -
Selma	115213	Panelboard Replacement SEL-6	2024	167,070	189,769	6,388	10%	Advice Letter	\$ (40,843.46)	\$ -	0%	\$ -
Bay Area Region	115214	LUC 01 - Acid Feed Installation	2024	54,334	63,729	5,732	10%	Advice Letter	\$ (18,581.26)	\$ -	0%	\$ -
South Bay Region	115218	HR 004-E: Pump & Motor Replace	2024	47,004	56,438	1,734	10%	Yes	1,719.67	\$ -	0%	\$ -
South Bay Region	115223	HR 009-C: Pump & Motor Replace	2024	3,905	4,689	141	10%	Advice Letter	\$ 3,905.21	\$ -	0%	\$ -
CSS	115225	Cloud Access Security Broker	2024	266,798	277,059	26,680	10%	Advice Letter	\$ (15,090.46)	\$ -	0%	\$ -
South Bay Region	115226	HR 023-C: Pump & Motor Replace	2024	40,000	48,028	1,476	10%	Yes	1,463.41	\$ -	0%	\$ -
South Bay Region	115230	HR 005-A: Pump & Motor Replace	2024	101,266	119,573	3,736	10%	Yes	55,566.56	\$ -	0%	\$ -
Stockton	115263	STK-61 Blow Off	2025	94,443	110,158	12,639	20%			\$ -	0%	\$ -
Selma	115272	SEL 018-01:Pump & Motor Replacement	2024	1,004	1,176	37	10%	Advice Letter	\$ 1,004.05	\$ -	0%	\$ -
Bakersfield	115307	BK 005-05 Pump & Motor Replace	2024	33,250	39,189	1,210	10%	Advice Letter	\$ 33,250.19	\$ -	0%	\$ -
Stockton	115323	STK-68 Blow Off	2025	74,938	87,407	5,458	10%	Yes	(278,464.80)	\$ -	0%	\$ -
Stockton	115326	STK-71 Blow Off	2025	63,984	74,631	4,546	10%			\$ -	0%	\$ -
Stockton	115329	STK-77 Blow Off	2025	123,325	143,846	9,002	10%			\$ -	0%	\$ -
Bear Gulch	115337	BG 23-A Pump & Motor Replacement	2024	64,979	75,596	6,567	10%	Yes	19,905.63	\$ -	0%	\$ -
South Bay Region	115340	Replace F.H. & Valves	2024	164,557	196,444	6,116	10%	Yes	6,020.38	\$ -	0%	\$ -
South Bay Region	115379	Replace Blow-offs	2025	130,722	152,719	4,907	10%	Yes	4,782.53	\$ -	0%	\$ -
South Bay Region	115380	Replace Blow-offs	2025	133,990	156,536	4,907	10%	Yes	4,902.07	\$ -	0%	\$ -
Livermore	115382	LIV 019-A Replace Pump and Motor	2024	1,229	1,474	90	10%	Advice Letter	\$ 1,229.16	\$ -	0%	\$ -
Livermore	115386	LIV 015-01 Replace Pump and Motor	2025	33,399	39,192	2,270	10%	Advice Letter	\$ 33,398.51	\$ -	0%	\$ -
Salinas Valley Region	115409	SLN 016-02 Replace Pump and Motor	2024	156,583	184,328	10,642	10%	Advice Letter	\$ 61,689.03	\$ -	0%	\$ -
Bakersfield	115417	BK 216 D Pump & Motor Replace	2024	65,178	76,820	2,520	10%	Advice Letter	\$ 65,178.06	\$ -	0%	\$ -
Bakersfield	115440	BK 216 MFS1 Pump & Motor Replace	2024	177,215	206,982	6,539	10%	Advice Letter	\$ 51,221.53	\$ -	0%	\$ -
Bakersfield	115540	BK 216 MFS3 Pump & Motor Replace	2024	2,667	3,210	98	10%	Advice Letter	\$ 2,667.42	\$ -	0%	\$ -
Stockton	115584	STK 75-01 Pump & Motor Replacement	2024	25,546	30,606	1,885	10%	Advice Letter	\$ 25,546.16	\$ -	0%	\$ -
Bear Gulch	115586	Algal Treatment Study - BG	2024	14,235	16,956	-	0%	Advice Letter	\$ 3,375.56	\$ -	0%	\$ -
Bakersfield	115626	YEAR 2021: 2,100 F/M CONVERSIONS	2024	2,143,664	2,499,748	84,052	10%	Yes	77,273.53	\$ -	0%	\$ -
Bay Area Region	115635	SSF 014-T1: Repl Interior Ladder	2024	1,391	1,625	136	10%	Advice Letter	\$ (2,991.84)	\$ -	0%	\$ -
Bay Area Region	115716	MPS 031-T1 - Tank Struct Retrofit	2024	56,371	66,292	5,497	10%	Advice Letter	\$ 56,371.31	\$ -	0%	\$ -
LA County Region	115740	2019 - Vehicle Replacement Program	2024	69,326	69,626	3,389	10%			\$ -	0%	\$ -
Bay Area Region	115747	2020 Vehicle Replacement Program	2024	267,299	279,751	31,741	10%	Yes	35,713.36	\$ -	0%	\$ -
Bay Area Region	115748	2021 Vehicle Replacement Program	2024	92,659	95,538	10,735	10%	Yes	(3,179.47)	\$ -	0%	\$ -
North Valley Region	115768	2021 Vehicle Replacement Program	2024	260,664	270,586	21,047	10%	Yes	(8,280.61)	\$ -	0%	\$ -
Dixon	115772	2020 Vehicle Replacement Program	2024	64,136	68,226	5,308	10%	Yes	(2,200.73)	\$ -	0%	\$ -
CSS	115787	2021 Vehicle Replacement Program	2024	539,124	559,859	-	0%	Yes	(18,499.36)	\$ -	0%	\$ -
Rancho Dominguez	115826	2020 Vehicle Replacement Program	2024	521,327	546,793	-	0%	Yes	20,672.74	\$ -	0%	\$ -
Kern River Valley	115830	Lakeland WTP Upgrades	2025	221,025	254,807	18,580	10%	Yes	(57,631.18)	\$ -	0%	\$ -
Salinas Valley Region	115835	2021 Vehicle Replacement Program	2024	175,355	183,893	17,536	10%	Advice Letter	\$ (77,552.33)	\$ -	0%	\$ -
Stockton	115842	2021 Vehicle Replacement Program	2024	130,891	135,647	11,150	10%	Yes	(4,491.36)	\$ -	0%	\$ -
Bay Area Region	115844	MPS 118- T1- Tank Struct Retrofit	2024	78,162	91,130	7,813	10%	Advice Letter	\$ 38,521.04	\$ -	0%	\$ -
Salinas Valley Region	115845	New well at Salinas Oak Hills	2025	2,489,451	2,900,727	385,205	20%	Advice Letter	363,588	\$ -	0%	\$ -
Salinas Valley Region	115854	Proposed 250K Storage Tank LL 302	2025	950,084	1,081,886	125,814	20%	Advice Letter	\$ 950,083.88	\$ -	0%	\$ -
Bakersfield	115863	Replace Gen-set at Station BK 116	2024	623,315	712,905	23,349	10%	Advice Letter	\$ 224,944.42	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bay Area Region	115868	MPS 027-PT2 - Replace Pressure Tank	2024	779,981	913,321	81,688	10%	Yes	536,078.15	\$ -	0%	\$ -
East Los Angeles	115873	ELA 059-PT1 - Replace Pressure Tank	2024	288,734	339,550	10,536	10%	Yes	140,194.43	\$ -	0%	\$ -
CSS	115880	Supplier Invoice Process Automation	2024	616,114	639,809	-	0%	Yes	(21,141.16)	\$ -	0%	\$ -
CSS	115909	2019 Power Quality Analyzers	2024	13,128	13,633	-	0%	Yes	1,121.10	\$ -	0%	\$ -
Salinas Valley Region	115930	Install Booster Pumps SLN 50	2024	375,970	439,520	47,873	20%	Advice Letter	\$ 375,970.07	\$ -	0%	\$ -
Salinas Valley Region	115959	New well at Salinas - Las Lomas	2025	2,531,646	2,956,996	391,734	20%	Advice Letter	373,664	\$ -	0%	\$ -
Bear Gulch	115970	BG 005-T9 - New 30" Manway	2024	240	281	25	10%	Advice Letter	\$ 240.27	\$ -	0%	\$ -
Bay Area Region	115989	ARM_STA_02_T1_Seismic_Upgrad	2024	66,667	78,314	10,729	20%	Advice Letter	\$ 66,666.67	\$ -	0%	\$ -
Bay Area Region	115992	MPS 118-T2 - Tank Struct Retrofits	2024	11,224	13,114	1,175	10%	Advice Letter	\$ 11,223.63	\$ -	0%	\$ -
CSS	116003	Portable Booster Pump	2024	52,057	61,252	-	0%	Advice Letter	\$ 52,057.05	\$ -	0%	\$ -
Livermore	116006	LIV 023-T1 - Tank Retrofits	2024	1,771	2,089	123	10%	Advice Letter	\$ 1,770.73	\$ -	0%	\$ -
CSS	116011	GIS Development for Valley District	2024	225,837	257,339	-	0%	Advice Letter	\$ 96,521.06	\$ -	0%	\$ -
LA County Region	116013	LAN 001-PT1: Replace Pressure Tank	2025	191,080	214,854	6,803	10%	Yes	22,210.20	\$ -	0%	\$ -
Bay Area Region	116014	SSF 005-T1 - Roof Retrofit	2024	60,338	70,957	5,979	10%	Advice Letter	\$ 60,337.55	\$ -	0%	\$ -
Los Altos	116020	New well replacement at station 20	2026	1,350,407	1,548,973	204,683	20%	Advice Letter	\$ 1,350,407.15	\$ -	0%	\$ -
Bay Area Region	116051	MPS 114-PT1 - Replace Pressure Tank	2024	455,696	532,450	45,548	10%	Yes	197,240.92	\$ -	0%	\$ -
Bay Area Region	116058	MPS 116-PT1 - Replace Pressure Tank	2025	57,824	67,261	5,780	10%	Advice Letter	\$ 57,823.57	\$ -	0%	\$ -
Kern River Valley	116059	BOD 011-T1: Tank Retrofits	2024	128,515	154,145	4,575	10%	Yes	32,579.55	\$ -	0%	\$ -
Bay Area Region	116064	MPS 120-PT1: Replace Pressure Tank	2024	369,079	430,314	35,990	10%	Yes	209,510.22	\$ -	0%	\$ -
LA County Region	116071	LEO 001-T1: Seismic Retrofit	2024	122,652	141,836	4,660	10%	Yes	4,487.67	\$ -	0%	\$ -
Bay Area Region	116139	SSF 011-T1: Seismic Retrofit	2024	50,757	60,458	5,073	10%	Advice Letter	\$ 50,757.32	\$ -	0%	\$ -
Marysville	116154	Sta. 9 Driveway Improvement	2024	20,355	24,251	1,466	10%	Yes	744.71	\$ -	0%	\$ -
Bakersfield	116211	Acid feed system - NW WTP	2024	52,321	62,966	2,137	10%	Yes	(61,500.46)	\$ -	0%	\$ -
CSS	116215	ENERGY EFFICIENCY IMPROVEMENTS	2024	223,629	256,122	-	0%	Yes	8,251.76	\$ -	0%	\$ -
Bakersfield	116231	Replace potassium permang - NEWTP	2024	72,738	87,537	2,915	10%	Yes	2,661.13	\$ -	0%	\$ -
Bakersfield	116237	Replace 4 bulk chem tanks - NE WTP	2024	180,749	205,970	6,764	10%	Yes	6,612.75	\$ -	0%	\$ -
Bay Area Region	116271	RDP_102_Replace_Pump_Bldg	2024	1,841	2,214	296	20%	Advice Letter	\$ 1,841.14	\$ -	0%	\$ -
Bear Gulch	116305	BG16 Slope Stabilization	2025	109,673	127,849	16,967	20%	Advice Letter	\$ 109,673.37	\$ -	0%	\$ -
Los Altos	116323	Advanced Metering Infrastructure	2024	85,136	101,692	11,953	10%	Advice Letter	\$ 85,135.95	\$ -	0%	\$ -
Bay Area Region	116335	Station 26 Stabilization Project	2025	433,899	500,298	38,263	10%	Advice Letter	\$ 433,899.47	\$ -	0%	\$ -
Bakersfield	116386	Replace membrane feed pumps - NWTP	2024	43,064	50,603	3,213	10%	Advice Letter	\$ 770.94	\$ -	0%	\$ -
Bear Gulch	116387	BG 2020 Flowmeter Replacements	2025	8,094	9,315	809	10%	Advice Letter	\$ 8,093.90	\$ -	0%	\$ -
Bear Gulch	116413	BG Skeggs Tanks Construction	2026	3,080,331	3,551,816	455,523	20%	Advice Letter	\$ 3,080,331.38	\$ -	0%	\$ -
Bay Area Region	116414	MPS 2020 Flowmeter Replacements	2024	139,241	163,044	4,974	10%	Yes	82,329.94	\$ -	0%	\$ -
Bay Area Region	116415	MPS 2021 Flowmeter Replacements	2024	14,220	16,687	1,387	20%	Advice Letter	\$ 14,220.18	\$ -	0%	\$ -
Bakersfield	116483	BK 2021 Flowmeter Replacements	2024	256,567	299,662	9,134	20%	Advice Letter	\$ 18,910.25	\$ -	0%	\$ -
North Valley Region	116490	CH 2021 Flowmeter Replacements	2024	55,060	64,241	4,057	10%	Advice Letter	\$ 5,537.88	\$ -	0%	\$ -
Visalia	116494	Visalia Reliability Study	2024	212,651	254,099	7,777	10%	Advice Letter	\$ 8,389.12	\$ -	0%	\$ -
Bakersfield	116497	Bakersfield Reliability Study	2024	545,028	640,366	19,933	10%	Advice Letter	\$ 394,735.67	\$ -	0%	\$ -
Selma	116509	Selma Reliability Study	2024	154,965	180,326	5,667	10%	Advice Letter	\$ 372.85	\$ -	0%	\$ -
Bay Area Region	116516	Mid Penninsula Reliability Study	2024	8,037	9,391	803	10%	Advice Letter	\$ 8,037.12	\$ -	0%	\$ -
Bear Gulch	116517	Bear Gulch Reliability Study	2024	7,505	8,770	783	10%	Advice Letter	\$ 7,505.31	\$ -	0%	\$ -
Westlake	116561	WLK 2019 Flowmeter Replacements	2024	70,759	82,496	2,705	10%	Advice Letter	\$ 30,236.44	\$ -	0%	\$ -

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District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
CSS	116566	Person Down Radio Solution	2024	805,687	836,674	-	0%	Yes	(404,652.99)	\$ -	0%	\$ -
Salinas Valley Region	116581	King City WSFMP	2024	2,463	2,926	-	0%	Advice Letter	\$ 2,463.29	\$ -	0%	\$ -
Selma	116582	Selma WSFMP	2024	138,197	160,814	13,820	15%	Advice Letter	\$ 1,244.38	\$ -	0%	\$ -
Bakersfield	116584	Bakersfield WSFMP	2024	12,506	14,338	-	0%	Advice Letter	\$ 12,505.85	\$ -	0%	\$ -
Visalia	116586	VIS 2021 Flowmeter Replacements	2024	77,637	90,567	2,764	10%	Advice Letter	\$ 6,314.72	\$ -	0%	\$ -
Bakersfield	116631	Structural Improvements - NE WTP	2025	59,916	69,109	2,188	10%	Yes	2,192.03	\$ -	0%	\$ -
Marysville	116650	MRL 2020 Flowmeter Replacements	2024	111,823	130,381	8,074	10%	Advice Letter	\$ 102,892.77	\$ -	0%	\$ -
Los Altos	116761	Upgrade Sample Stations	2024	61,339	72,236	7,709	10%	Yes	2,244.10	\$ -	0%	\$ -
Los Altos	116799	Upgrade Sample Stations Phase 2	2024	91,831	104,829	11,014	10%	Yes	29,911.23	\$ -	0%	\$ -
Bay Area Region	116850	SSF Reliability Study	2024	5,613	6,558	585	10%	Advice Letter	\$ 5,613.00	\$ -	0%	\$ -
CSS	116883	Groundwater Banking Study	2024	6,780	8,013	678	15%	Advice Letter	\$ 6,779.96	\$ -	0%	\$ -
CSS	116896	CSI Technical Specs	2025	4,485	5,118	-	0%	Advice Letter	\$ 4,484.89	\$ -	0%	\$ -
Salinas Valley Region	116899	SLN-LL new Chromium treatment	2025	1,595,335	1,863,372	303,808	30%			\$ -	0%	\$ -
Salinas Valley Region	116901	SLN-OH new chromium 6 treatment	2025	1,595,335	1,863,372	303,808	30%			\$ -	0%	\$ -
CSS	116910	ADDITIONAL CONF. ROOM -RDOM	2024	43,882	51,172	-	0%	Advice Letter	\$ 43,881.86	\$ -	0%	\$ -
Bay Area Region	116923	COS_07 Free Chlorine Conversion	2024	187,803	201,555	19,829	10%	Yes	102,161.88	\$ -	0%	\$ -
Bay Area Region	116925	CSPR Sta 8 - Spray Aeration Sys	2025	11,067	11,466	1,171	10%	Advice Letter	\$ 11,067.26	\$ -	0%	\$ -
East Los Angeles	116988	Tubeway Phase 2	2025	7,004,219	8,082,951	-	0%	Advice Letter	5,044,667	\$ -	0%	\$ -
Stockton	117176	STK 2020 Physical Security Upgrades	2024	57,556	68,064	4,010	10%	Advice Letter	\$ 57,556.25	\$ -	0%	\$ -
South Bay Region	117187	HR 2020 Physical Security Upgrades	2024	296,397	355,883	10,816	10%	Yes	55,505.35	\$ -	0%	\$ -
LA County Region	117192	PV 2019 Physical Security Upgrades	2024	160,338	192,694	6,131	10%	Yes	48,142.43	\$ -	0%	\$ -
Stockton	117195	STK 2021 Physical Security Upgrades	2024	662,570	758,752	45,031	10%	Advice Letter	\$ 166,642.38	\$ -	0%	\$ -
Bear Gulch	117237	BG 2021 Physical Security Upgrades	2024	334,525	390,030	32,621	10%	Advice Letter	\$ 3,643.29	\$ -	0%	\$ -
Livermore	117363	LIV 28 Generator & VFD	2024	319,637	372,097	21,724	10%	Advice Letter	\$ 319,636.53	\$ -	0%	\$ -
Livermore	117367	LIV 14 Panelboard	2024	307,921	354,619	21,451	10%	Advice Letter	\$ 307,921.15	\$ -	0%	\$ -
Salinas Valley Region	117379	Replace six RTUs	2024	184,998	217,778	14,103	10%	Advice Letter	\$ 184,998.31	\$ -	0%	\$ -
Bay Area Region	117399	Install SCADA PLC at COS_RDV	2024	367,278	415,632	33,598	10%	Yes	222,821.04	\$ -	0%	\$ -
Marysville	117409	Army Corps Marysville Phase 3	2025	237,688	271,940	16,646	10%	Yes	237,687.81	\$ -	0%	\$ -
Los Altos	117411	Install Genset - LAS 9	2024	683,473	814,469	71,540	10%	Advice Letter	\$ 683,473.43	\$ -	0%	\$ -
Visalia	117412	VIS 79 Install Generator	2025	78,272	89,574	2,787	10%	Advice Letter	\$ 78,272.01	\$ -	0%	\$ -
Westlake	117416	Generator STA 10	2024	427,500	499,475	42,750	10%	Advice Letter	\$ 125,885.51	\$ -	0%	\$ -
South Bay Region	117425	HR 2020 Flowmeter Replacements	2024	33,755	39,297	1,232	10%	Yes	10,994.30	\$ -	0%	\$ -
Los Altos	117429	LAS 2021 Flowmeter Replacement	2024	13,851	16,157	1,477	10%	Advice Letter	\$ 13,851.11	\$ -	0%	\$ -
Livermore	117432	LIV 2019 Flowmeter Replacements	2024	68,849	80,802	4,994	10%	Yes	(8,060.96)	\$ -	0%	\$ -
Livermore	117436	LIV 2021 Flowmeter Replacements	2024	99,035	115,913	6,731	10%	Advice Letter	\$ (1,352.22)	\$ -	0%	\$ -
Bay Area Region	117486	383-393 E. Grand, 200' Equake pipe	2024	1,370,316	1,608,032	137,032	20%	Yes	(255,700.65)	\$ -	0%	\$ -
Bay Area Region	117538	NOH_201_Trmt_Mods	2024	413,502	487,176	-	0%	Yes	326,123.25	\$ -	0%	\$ -
CSS	117587	REPLACE - DATA CENTER A/C	2025	4,421	5,053	-	0%	Advice Letter	\$ 4,421.47	\$ -	0%	\$ -
Bay Area Region	117656	SSF 4 New Pumps	2024	546,317	647,977	56,854	10%	Advice Letter	\$ 546,316.91	\$ -	0%	\$ -
Bay Area Region	117796	Bayshore Ops. Center Improvements	2025	449,665	508,900	-	0%	Advice Letter	\$ 449,665.08	\$ -	0%	\$ -
Bay Area Region	117876	ARM-NOH AMI Meters	2024	650,000	751,649	128,667	35%	Advice Letter	\$ 579,679.69	\$ -	0%	\$ -
Bay Area Region	117877	LUC AMI Smart Meter	2024	255,415	304,711	50,565	35%	Advice Letter	\$ 255,415.05	\$ -	0%	\$ -
Bay Area Region	117880	HKN - AMI Smart Meters	2024	11,277	13,208	2,233	20%	Advice Letter	\$ 11,277.10	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
East Los Angeles	117904	Install generator at CSC	2024	347,793	411,107	14,139	10%	Advice Letter	\$ 347,792.53	\$ -	0%	\$ -
Bear Gulch	118020	Modular Building	2024	409,603	476,875	-	0%	Yes	12,227.55	\$ -	0%	\$ -
Bear Gulch	118028	Replace Genset - Sta 33	2025	273,858	318,567	28,665	10%	Advice Letter	\$ 273,858.38	\$ -	0%	\$ -
Travis	118053	Backflow Devices isdc 6	2024	210,970	250,720	-	0%	Yes	(79,647.42)	\$ -	0%	\$ -
Bakersfield	118093	2019- VEH. FOR PROPOSED COMPLEMENT	2024	89,100	91,993	4,005	10%	Advice Letter	\$ (7,177.38)	\$ -	0%	\$ -
Bay Area Region	118094	2020- VEH. FOR PROPOSED COMPLEMENT	2024	970,596	1,015,811	114,483	10%	Yes	(33,304.75)	\$ -	0%	\$ -
South Bay Region	118107	Sta.275 4-Log Disinfection	2024	2,531,646	2,882,760	403,339	25%	Advice Letter	\$ 564,625.73	\$ -	0%	\$ -
Salinas Valley Region	118116	Instrumentation Energy Optimization	2024	54,852	64,229	3,819	10%	Yes	3,244.41	\$ -	0%	\$ -
Visalia	118121	2019 - VEHICLE FOR NEW COMPLEMENT	2024	45,329	47,591	6,244	10%	Advice Letter	\$ 45,328.91	\$ -	0%	\$ -
Salinas Valley Region	118492	SLN 205-01 CR(VI) Treatment Plant	2025	1,597,375	1,844,491	296,757	30%			\$ -	0%	\$ -
Bear Gulch	118528	2019 - ADDITIONAL VEHICLES	2024	240,052	251,246	29,218	10%	Yes	(8,237.08)	\$ -	0%	\$ -
CSS	118564	RENOVATE HR AREA	2024	54,852	64,349	-	0%	Advice Letter	\$ 54,852.32	\$ -	0%	\$ -
CSS	118570	RECONFIG ENG/ACCTG	2024	559,613	652,576	-	0%	Advice Letter	\$ 559,612.62	\$ -	0%	\$ -
CSS	118571	RECONFIGURE IT/ ADDITIONAL TRAILER	2025	78,897	90,038	-	0%	Advice Letter	\$ 78,896.98	\$ -	0%	\$ -
CSS	118572	REPURPOSE FOUNTAIN AREA	2024	371,980	433,122	-	0%	Advice Letter	\$ 17,503.24	\$ -	0%	\$ -
CSS	119073	PowerPlan Budget Forecasting	2024	259,693	266,485	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	119986	Los Altos Field Office Upgrade	2024	311,899	357,761	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	120835	HR 23 - Abandon/replace vault	2024	753,755	868,556	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	121170	HR-024 Stationary Generator (PSPS)	2025	329,114	381,378	24,834	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	121171	SLN-049 PSPS Genset	2024	466,667	551,895	54,811	15%	No	N/A	\$ -	0%	\$ -
Bay Area Region	121261	SC-118 PSPS Genset	2024	569,975	676,037	68,402	30%	No	N/A	\$ -	0%	\$ -
Bear Gulch	121345	BG-025 PSPS Genset	2024	813,941	967,493	115,478	30%	No	N/A	\$ -	0%	\$ -
Bear Gulch	121347	BG-026 PSPS Genset	2024	703,110	821,546	96,472	30%	No	N/A	\$ -	0%	\$ -
LA County Region	121426	PV-22 PSPS Electrical Modifications	2026	671,507	783,050	58,725	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	121485	CH FH/PB Connections (PSPS)	2024	59,072	70,656	4,559	10%	Yes	31,172.54	\$ -	0%	\$ -
Los Altos	121487	PSPS LAS-33 Genset	2024	520,029	618,243	71,939	15%	No	N/A	\$ -	0%	\$ -
LA County Region	121589	Olmsted Creek Pipe Crossing	2024	506,329	608,506	-	0%			\$ -	0%	\$ -
Salinas Valley Region	121845	Land for New Well and Tank	2024	302,291	355,032	77,392	35%			\$ -	0%	\$ -
CSS	122697	Plotter for BK Engineering office	2024	23,218	24,111	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	122819	VIS 77 installing Generator	2024	210,335	248,348	21,034	10%			\$ -	0%	\$ -
Bakersfield	122824	Install Backup Generator BK 212	2026	359,493	419,884	70,528	20%	No	N/A	\$ -	0%	\$ -
Westlake	122859	Install Backup Generator WLK 006	2024	604,780	708,113	67,666	20%	No	N/A	\$ -	0%	\$ -
Bear Gulch	122876	Install Backup Generator BG 017	2025	338,928	396,875	64,779	20%	No	N/A	\$ -	0%	\$ -
Westlake	122933	Install Backup Generator WLK Office	2025	212,747	253,348	40,662	20%	No	N/A	\$ -	0%	\$ -
Travis	122940	TAB Phys Security & Instrument Inst	2024	742,616	866,170	-	0%	Yes	547,597.33	\$ -	0%	\$ -
Bay Area Region	122976	SSF Hillside Blvd PRV	2024	329,114	386,207	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	122978	SSF-007 Control Valve	2024	194,624	227,406	-	0%	Yes	100,531.79	\$ -	0%	\$ -
LA County Region	123008	PV Narcissa Drive New Main	2025	480,352	564,179	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	123009	PV 4" Main Replacement	2026	4,678,481	5,526,849	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	123091	AV 2022 Vehicle Replacemnt Program	2024	89,654	90,041	8,150	10%	Yes	5,364.60	\$ -	0%	\$ -
Kern River Valley	123105	ARD 011-T1 - CP Upgrade	2024	13,844	16,189	1,258	10%	Yes	2,026.60	\$ -	0%	\$ -
Livermore	123106	Purchase Land for Well in Zone 610	2026	802,165	914,112	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	123130	BK 2022 CP Upgrades	2024	64,352	75,161	5,850	10%	Yes	2,343.56	\$ -	0%	\$ -

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Bakersfield	123132	BK 116-T1 - Tank Retrofits	2024	33,502	39,341	3,046	10%	Yes	4,251.92	\$ -	0%	\$ -
Bear Gulch	123141	BG Tank Exterior Ladder Lifelines	2024	84,388	98,816	7,672	10%	Yes	(24,977.76)	\$ -	0%	\$ -
Bakersfield	123142	BK 116-T1 - Seismic Retrofit	2024	80,169	94,140	7,288	10%	Yes	10,174.85	\$ -	0%	\$ -
Bakersfield	123159	BK 2022 Vehicle Replacement Program	2024	165,843	170,195	15,077	10%	Yes	84,995.66	\$ -	0%	\$ -
Livermore	123160	New Well-Livermore	2024	3,588,504	4,302,978	601,400	20%	No	N/A	\$ -	0%	\$ -
Bakersfield	123165	BK New Tank & Booster Facility	2026	3,126,872	3,613,687	277,650	10%	Yes	557,935.57	198,686.33	10%	\$ 213,963.45
Bear Gulch	123168	BG 022-T1 - Tank Retrofits	2024	45,625	54,347	4,483	10%	Yes	4,729.10	\$ -	0%	\$ -
Bakersfield	123170	BK 675 Rezone	2025	1,346,019	1,509,695	117,241	10%	Yes	(110,082.78)	110,265.89	10%	\$ 115,848.10
Bakersfield	123171	BK 2023 Vehicle Replacement Program	2024	49,428	52,267	4,494	10%	Yes	14,221.82	\$ -	0%	\$ -
Bakersfield	123176	BK 1025 Zone SCADA	2024	106,594	128,282	17,019	20%	Yes	24,320.57	\$ -	0%	\$ -
South Bay Region	123178	HR 027-T1 - Tank Retrofits	2024	33,755	39,634	3,069	10%	Yes	3,836.50	\$ -	0%	\$ -
Bakersfield	123180	BK 150 Surge Tank	2024	310,619	358,495	28,238	10%	Yes	87,290.11	4,798.08	2.5%	\$ 4,918.03
Bakersfield	123181	BKNG 219 Surge Tank	2024	301,901	349,272	27,446	10%	Yes	78,571.97	4,798.08	2.5%	\$ 4,918.03
Bakersfield	123183	BK 186 Corner Tank BFV Controls	2025	75,085	86,345	6,826	10%	Yes	4,987.16	\$ -	0%	\$ -
Bakersfield	123185	BK 87 Station Rebuild - Design	2024	1,195,204	1,404,272	199,201	20%	No	N/A	\$ -	0%	\$ -
Bakersfield	123190	BK 116 PB & Building Replacement	2025	1,164,345	1,317,836	186,258	20%	Yes	532,587.46	25,574.33	10%	\$ 26,869.03
Bakersfield	123193	BK 148 PB & Building Replacement	2024	461,752	542,523	73,871	20%	Yes	105,489.46	14,071.47	5%	\$ 14,423.26
Bakersfield	123194	BK 23 Building Replacement	2025	245,870	288,720	39,257	20%	Yes	48,766.09	\$ -	0%	\$ -
Bakersfield	123196	BK 2023 Poly Service Replacements	2024	716,481	849,544	65,135	10%	Yes	95,113.23	\$ -	0%	\$ -
Bakersfield	123197	BK 2024 Poly Service Replacements	2024	734,393	848,729	66,763	10%	Yes	97,491.02	\$ -	0%	\$ -
Bakersfield	123200	BK 36-02 Piping Replacement	2024	95,552	112,537	15,256	20%	Yes	18,951.89	\$ -	0%	\$ -
Bakersfield	123201	BK 82 Piping Replacement	2025	208,922	238,075	33,357	20%	Yes	137,838.10	\$ -	0%	\$ -
Livermore	123204	LIV 013-T2 - Tank Retrofits	2024	7,556	8,796	687	10%	Yes	2,572.06	\$ -	0%	\$ -
Bear Gulch	123211	BG 036-T1 - Tank Retrofits	2024	18,005	21,447	1,637	10%	Yes	2,300.75	\$ -	0%	\$ -
Selma	123214	SEL 011-01 - Replace Pump & Motor	2024	99,304	114,050	9,028	10%	Yes	21,919.66	\$ -	0%	\$ -
Dixon	123217	DIX 010-T1 - Ext Ladder Lifeline	2024	9,451	11,011	859	10%	Yes	3,689.95	\$ -	0%	\$ -
Willows	123219	WIL 011-T1 - Ext Ladder Lifeline	2024	9,115	10,683	829	10%	Yes	3,353.94	\$ -	0%	\$ -
Visalia	123232	VIS 070-01 - Replace Pump and Motor	2024	126,206	147,582	11,473	10%	Yes	49,236.32	\$ -	0%	\$ -
Visalia	123233	VIS 072-01 - Replace Pump & Motor	2024	100,576	117,896	9,143	10%	Yes	25,483.62	\$ -	0%	\$ -
Visalia	123239	VIS 012-A - Replace Pump & Motor	2024	36,844	44,025	3,349	10%	Yes	4,707.95	\$ -	0%	\$ -
Salinas Valley Region	123245	KC Tank Exterior Ladder Lifelines	2024	25,316	29,644	2,301	10%	Yes	13,134.42	\$ -	0%	\$ -
Bay Area Region	123246	COS 008-T1 - CP Upgrade	2024	16,194	17,616	1,472	10%	Yes	3,451.77	\$ -	0%	\$ -
North Valley Region	123248	ORO Tank Exterior Ladder Lifelines	2024	12,963	15,088	1,178	10%	Yes	4,165.76	\$ -	0%	\$ -
Bay Area Region	123251	LUC 002-T1 - Tank Retrofits	2024	17,250	20,233	1,568	10%	Yes	1,047.33	\$ -	0%	\$ -
Bakersfield	123255	BK 213-T3 - Tank Retrofits	2024	13,716	16,507	1,247	10%	Yes	1,752.76	\$ -	0%	\$ -
Stockton	123260	STK STA 66-02 Roof Replacement	2024	153,586	179,642	25,598	20%	Yes	34,313.81	9,069.48	10%	\$ 9,296.22
South Bay Region	123262	HR 005-T1 - Tank Retrofits	2024	10,249	12,306	932	10%	Yes	1,309.65	\$ -	0%	\$ -
Stockton	123265	STK 12" Cherokee Rd Pipeline	2025	1,818,697	2,116,223	312,131	20%	Yes	408,362.37	111,091.73	10%	\$ 116,715.75
Stockton	123266	STK Main Tie-ins at Army & Charte	2024	1,579,606	1,817,330	263,268	20%	Yes	545,510.21	77,353.74	10%	\$ 79,287.58
Stockton	123268	STK Mainline Flushing	2024	312,020	328,456	28,365	10%	Yes	23,648.74	11,250.00	10%	\$ 11,531.25
Visalia	123270	VIS 032-01 - Replace Pump & Motor	2024	90,939	108,664	8,267	10%	Yes	11,620.43	\$ -	0%	\$ -
South Bay Region	123271	DOM 203-T2 - Tank Retrofits	2024	8,439	10,074	767	10%	Yes	(738.94)	\$ -	0%	\$ -
South Bay Region	123273	DOM 203-T4 - Tank Retrofits	2024	3,376	4,030	307	10%	Yes	31.58	\$ -	0%	\$ -

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Visalia	123276	VIS 079-01 - Replace Pump & Motor	2024	88,246	105,445	8,022	10%	Yes	11,276.20	\$ -	0%	\$ -
East Los Angeles	123282	ELA 055-A Replace Pump & Motor	2024	56,540	67,346	5,140	10%	Yes	14,634.43	\$ -	0%	\$ -
Bay Area Region	123283	MPS 112-T1 - Tank Retrofits	2024	8,439	9,945	767	10%	Yes	2,750.78	\$ -	0%	\$ -
Bay Area Region	123284	BAY 2022 Vehicle Replacement Progm	2024	190,568	199,446	17,324	10%	Yes	56,176.83	\$ -	0%	\$ -
Los Altos	123286	LAS 121-T3 - Tank Retrofits	2024	11,477	13,452	1,043	10%	Yes	5,500.86	\$ -	0%	\$ -
Los Altos	123290	LAS 042-T2 - Tank Retrofits	2024	14,231	16,720	1,294	10%	Yes	3,242.29	\$ -	0%	\$ -
Bay Area Region	123292	BAY 2023 Vehicle Replacement Progm	2024	196,209	203,610	17,743	10%	Yes	58,872.05	\$ -	0%	\$ -
Bay Area Region	123293	MPS 032-T2 - Tank Retrofits	2024	23,633	28,150	2,148	10%	Yes	4,054.46	\$ -	0%	\$ -
South Bay Region	123294	HR 2023 CP Upgrades	2024	34,177	39,789	3,107	10%	Yes	1,254.57	\$ -	0%	\$ -
Bay Area Region	123296	MPS 123-T3 - Tank Retrofits	2024	12,658	14,886	1,151	10%	Yes	(8,986.20)	\$ -	0%	\$ -
Bay Area Region	123297	MPS 2022 Control Valve Replacement	2024	421,941	495,137	46,316	10%	Yes	(318,456.10)	\$ -	0%	\$ -
Salinas Valley Region	123299	SLN 2023 CP Upgrades	2024	49,590	59,186	4,508	10%	Yes	6,336.76	\$ -	0%	\$ -
Salinas Valley Region	123305	SLN 2024 CP Upgrades	2024	39,040	46,595	3,549	10%	Yes	4,988.60	\$ -	0%	\$ -
Bay Area Region	123306	MPS 029-T1 - Tank Retrofits	2025	33,600	39,167	3,055	10%	Yes	4,293.56	\$ -	0%	\$ -
Visalia	123309	VIS 38 - PFAS Treatment	2025	1,399,408	1,597,626	127,219	10%	Yes	190,139.04	54,356.54	5%	\$ 57,108.34
Visalia	123313	VIS 55 - PFAS Treatment	2025	1,645,461	1,873,973	149,587	10%	Yes	(143,205.36)	77,863.63	5%	\$ 81,805.48
Bay Area Region	123315	MPS 112-T3 - Tank Retrofits	2024	33,635	40,063	3,058	10%	Yes	4,297.82	\$ -	0%	\$ -
Bay Area Region	123316	SSF 001-T1 - Tank Retrofits	2024	35,398	41,182	3,218	10%	Yes	9,041.04	\$ -	0%	\$ -
Bay Area Region	123318	SSF 001-T2 - Tank Retrofits	2024	3,510	4,084	319	10%	Yes	(1,628.32)	\$ -	0%	\$ -
Bay Area Region	123321	MPS 030-T1 - Tank Retrofits	2024	22,264	25,958	2,024	10%	Yes	6,943.47	\$ -	0%	\$ -
Bay Area Region	123324	MPS 115-T1 - Tank Retrofits	2024	14,905	17,528	1,355	10%	Yes	1,609.01	\$ -	0%	\$ -
Livermore	123330	LIV 018-T2 - Tank Retrofits	2024	16,459	19,159	1,496	10%	Yes	(4,712.77)	\$ -	0%	\$ -
Kern River Valley	123333	KRV 006-T1 - CP Upgrade	2024	15,376	18,641	1,398	10%	Yes	3,183.07	\$ -	0%	\$ -
Bear Gulch	123338	BG 030-T1 - Tank Retrofits	2024	27,287	31,883	2,481	10%	Yes	3,585.51	\$ -	0%	\$ -
Los Altos	123344	LAS 114-T1 - Tank Retrofits	2024	17,950	20,938	1,632	10%	Yes	(5,231.63)	\$ -	0%	\$ -
Bakersfield	123345	BK 096-T2 - Tank Retrofits	2024	18,565	22,211	1,688	10%	Yes	3,720.21	\$ -	0%	\$ -
Bakersfield	123347	BK 096-T3 - Tank Retrofits	2024	18,565	22,211	1,688	10%	Yes	3,720.21	\$ -	0%	\$ -
Bakersfield	123352	BK 096-T4 - Tank Retrofits	2024	22,785	27,259	2,071	10%	Yes	3,777.72	\$ -	0%	\$ -
Visalia	123354	VIS 97 - New Storage Tank	2025	4,040,641	4,702,493	673,440	20%	Yes	1,753,412.13	177,534.49	10%	\$ 186,522.17
Bay Area Region	123358	SSF 014-T1 - Tank Retrofits	2024	73,418	86,339	6,674	10%	Yes	25,726.91	\$ -	0%	\$ -
Visalia	123359	VIS 200 - New Storage Tank	2025	1,241,881	1,441,886	206,980	20%	Yes	291,340.81	73,780.89	10%	\$ 77,516.05
Bear Gulch	123365	BG 041-T2 - Tank Retrofits	2024	29,394	34,568	2,672	10%	Yes	1,784.67	\$ -	0%	\$ -
Bakersfield	123371	BK 116-T3 - Tank Retrofits	2025	29,030	33,383	2,639	10%	Yes	3,697.99	\$ -	0%	\$ -
Bakersfield	123376	BK 087-T5 - Tank Retrofits	2024	38,416	46,232	3,492	10%	Yes	4,908.84	\$ -	0%	\$ -
Bakersfield	123377	BK 2023 Control Valve Overhaul	2024	57,384	67,226	3,216	10%	Yes	4,408.40	\$ -	0%	\$ -
South Bay Region	123387	HR 026-T2 - Tank Retrofits	2024	97,046	113,302	8,822	10%	Yes	72,789.85	\$ -	0%	\$ -
LA County Region	123389	PV 023-T1 - CP Upgrade	2025	12,658	15,213	1,151	10%	Yes	464.80	\$ -	0%	\$ -
South Bay Region	123393	DOM New Property Purchase	2024	1,392,405	1,596,230	236,727	20%	No	N/A	\$ -	0%	\$ -
Visalia	123396	VIS 99 - New Well Station	2024	2,937,724	3,435,308	244,935	10%	Yes	205,839.64	\$ -	0%	\$ -
Los Altos	123397	LAS Tank Exterior Ladder Lifelines	2024	128,413	153,385	11,674	10%	Yes	30,299.61	\$ -	0%	\$ -
Bakersfield	123399	BK 2024 Control Valve Overhaul	2024	60,759	70,293	3,439	10%	Yes	5,946.92	\$ -	0%	\$ -
Livermore	123400	LIV Tank Exterior Ladder Lifelines	2024	69,701	81,580	6,336	10%	Yes	16,701.75	\$ -	0%	\$ -
South Bay Region	123403	DOM Sta 219 Treatment Construction	2024	5,585,312	6,509,476	930,435	20%	No	N/A	386,723.60	5%	\$ 396,391.69

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South Bay Region	123405	DOM 232 to Zone 1 Main Reliability	2024	3,623,835	4,296,236	603,973	20%	Yes	1,687,308.73	157,539.66	10%	\$ 161,478.15
Bakersfield	123409	BK 003-04 Replace Pump & Motor	2024	85,929	103,413	7,812	10%	Yes	10,980.13	\$ -	0%	\$ -
South Bay Region	123411	DOM Sta 279 Sta Rebuild - Design	2024	1,896,165	2,209,910	293,463	20%	No	N/A	\$ -	0%	\$ -
Bay Area Region	123413	MPS Tank Exterior Ladder Lifelines	2024	189,453	225,662	17,223	10%	Yes	54,259.76	\$ -	0%	\$ -
South Bay Region	123415	DOM Sta 298 Sta Rebuild - Design	2024	1,928,041	2,247,061	298,396	20%	No	N/A	\$ -	0%	\$ -
South Bay Region	123419	DOM From Sta 232 N to Zone I	2024	2,419,015	2,887,763	402,865	20%			\$ -	0%	\$ -
Los Altos	123422	LAS Sta. 14 Panelboard Replacement	2026	520,084	595,115	47,280	10%	Yes	241,667.16	10,890.43	5%	\$ 11,727.80
Bay Area Region	123423	RDV Tank Exterior Ladder Lifelines	2024	37,975	44,737	3,452	10%	Yes	10,574.51	\$ -	0%	\$ -
Salinas Valley Region	123424	SLN Tank Exterior Ladder Lifelines	2024	88,608	103,585	8,055	10%	Yes	14,738.16	\$ -	0%	\$ -
Bakersfield	123425	BK 2024 Control Valve Replacement	2024	77,637	93,434	4,402	10%	Yes	23,519.13	\$ -	0%	\$ -
Bay Area Region	123426	SSF Tank Exterior Ladder Lifelines	2024	49,117	57,266	4,465	10%	Yes	4,719.39	\$ -	0%	\$ -
Stockton	123428	STK Tank Exterior Ladder Lifelines	2024	35,456	41,490	3,223	10%	Yes	2,216.79	\$ -	0%	\$ -
Bear Gulch	123429	BG 038-T1 - Tank Retrofits	2025	35,824	40,964	3,257	10%	Yes	3,235.80	\$ -	0%	\$ -
Bakersfield	123430	BK 087-E Replace Pump & Motor	2024	78,682	92,177	7,153	10%	Yes	14,529.29	\$ -	0%	\$ -
Bakersfield	123437	BK 091-C Replace Pump & Motor	2024	46,873	55,578	4,261	10%	Yes	5,989.68	\$ -	0%	\$ -
Bakersfield	123440	BK 097-B Replace Pump & Motor	2024	49,246	59,266	4,477	10%	Yes	6,292.79	\$ -	0%	\$ -
Bakersfield	123441	BK 2023 Control Valve Replacements	2024	198,312	230,918	10,857	10%	Yes	31,782.90	\$ -	0%	\$ -
Kern River Valley	123442	SQUM 007-T1 - CP Upgrade	2024	11,443	13,431	1,040	10%	Yes	(85.67)	\$ -	0%	\$ -
LA County Region	123446	LEO 004-T1 - CP Upgrade	2024	14,329	16,379	1,303	10%	Yes	1,831.03	\$ -	0%	\$ -
LA County Region	123447	LHUG 003-T1 - CP Upgrade	2024	14,329	16,379	1,303	10%	Yes	1,831.03	\$ -	0%	\$ -
Stockton	123448	STK 080-T1 - CP Upgrade	2024	15,084	18,071	1,371	10%	Yes	1,927.44	\$ -	0%	\$ -
Bay Area Region	123451	MPS 024-T1 - Tank Retrofits	2024	12,827	15,117	1,166	10%	Yes	2,106.25	\$ -	0%	\$ -
Los Altos	123452	LAS 113-T1 - Tank Retrofits	2024	34,968	41,768	3,179	10%	Yes	4,468.30	\$ -	0%	\$ -
Dixon	123453	DIX 001-T1 - Tank Retrofits	2025	12,964	15,360	1,179	10%	Yes	1,656.55	\$ -	0%	\$ -
Bakersfield	123454	BK 100-T3 - Tank Retrofits	2024	37,544	45,183	3,413	10%	Yes	4,797.41	\$ -	0%	\$ -
Bakersfield	123456	BK 100-T1 - Tank Retrofits	2024	41,739	50,231	3,794	10%	Yes	5,540.84	\$ -	0%	\$ -
Bakersfield	123459	BK 073-T3 - Tank Retrofits	2024	34,533	41,559	3,139	10%	Yes	4,412.77	\$ -	0%	\$ -
Bear Gulch	123461	BG 019-T1 - Tank Retrofits	2024	16,878	19,721	1,534	10%	Yes	(36,295.06)	\$ -	0%	\$ -
Bakersfield	123462	BK 097-C Replace Pump & Motor	2024	49,246	59,266	4,477	10%	Yes	6,292.79	\$ -	0%	\$ -
North Valley Region	123464	ORO 016-T1 - Tank Retrofits	2024	21,097	25,254	1,918	10%	Yes	(11,677.09)	\$ -	0%	\$ -
North Valley Region	123466	ORO 2023 Control Valve Replacement	2024	62,391	73,556	11,093	20%	Yes	13,173.96	9,883.45	5%	\$ 10,130.54
Livermore	123467	LIV 022-T2 - Tank Retrofits	2024	29,042	33,899	2,640	10%	Yes	5,334.71	\$ -	0%	\$ -
Livermore	123468	LIV 022-T1 - Tank Retrofits	2024	40,954	47,804	3,723	10%	Yes	18,777.05	\$ -	0%	\$ -
North Valley Region	123469	ORO 2024 Control Valve Replacement	2024	63,428	75,924	11,735	20%	Yes	13,927.49	10,179.91	5%	\$ 10,434.41
Bakersfield	123471	BK 100-E Replace Pump & Motor	2024	47,277	56,057	4,665	10%	Yes	6,393.34	\$ -	0%	\$ -
Bakersfield	123473	BK 144-01 Replace Pump & Motor	2025	87,616	101,668	7,965	10%	Yes	14,495.05	\$ -	0%	\$ -
Bakersfield	123475	BK 195-01 Replace Pump & Motor	2025	137,553	158,658	12,505	10%	Yes	64,431.76	\$ -	0%	\$ -
Livermore	123478	LIV 2022 Control Valve Replacement	2024	174,133	206,029	33,000	20%	Yes	42,200.93	29,362.46	5%	\$ 30,096.52
Livermore	123479	LIV 2023 Control Valve Replacement	2024	98,048	117,570	17,359	20%	Yes	17,308.31	16,129.78	5%	\$ 16,533.02
LA County Region	123480	LAN 001-T2 - CP Upgrade	2024	14,688	16,788	1,335	10%	Yes	1,876.86	\$ -	0%	\$ -
Livermore	123481	LIV 2024 Control Valve Replacement	2024	129,393	151,840	22,871	20%	Yes	22,627.18	20,767.09	5%	\$ 21,286.27
Livermore	123490	LIV 2022 Control Valve Overhaul	2024	40,406	47,807	6,308	20%	Yes	26,842.72	1,028.44	5%	\$ 1,054.15
Livermore	123492	LIV 2023 Control Valve Overhaul	2024	40,406	48,451	4,984	10%	Yes	21,578.16	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Livermore	123496	LIV 2024 Control Valve Overhaul	2024	40,406	48,451	10,899	30%	Yes	24,641.03	\$ -	0%	\$ -
Westlake	123498	WLK 007-T1 - CP Upgrade	2024	14,688	17,491	1,335	10%	Yes	1,876.86	\$ -	0%	\$ -
LA County Region	123499	LAN 001-T1 - CP Upgrade	2024	8,161	9,437	742	10%	Yes	(4,032.40)	\$ -	0%	\$ -
Livermore	123500	LIV Land Purchase for New Well	2024	1,188,936	1,395,193	198,165	20%	No	N/A	\$ -	0%	\$ -
Livermore	123501	LIV New Well	2026	3,849,935	4,433,186	-	0%			\$ -	0%	\$ -
Livermore	123503	LIV 34 New 2,000 gal. Press. Tank	2025	464,135	530,182	77,356	20%	Yes	242,204.59	4,648.24	3%	\$ 4,883.56
Livermore	123506	LIV Sta 8 New Booster Sta - Design	2024	1,273,984	1,491,404	212,322	20%	No	N/A	\$ -	0%	\$ -
LA County Region	123509	AV Tank Exterior Ladder Lifelines	2024	68,861	79,221	6,260	10%	Yes	25,654.55	\$ -	0%	\$ -
Bakersfield	123510	BK Tank Exterior Ladder Lifelines	2025	190,802	218,752	17,346	10%	Yes	24,338.29	\$ -	0%	\$ -
South Bay Region	123514	DOM Tank Exterior Ladder Lifelines	2024	26,160	30,584	2,378	10%	Yes	4,763.20	\$ -	0%	\$ -
East Los Angeles	123518	ELA Tank Exterior Ladder Lifelines	2024	81,857	95,272	7,442	10%	Yes	9,547.15	\$ -	0%	\$ -
Kern River Valley	123520	KRV 2024 Control Valve Overhaul	2024	59,072	70,093	3,268	10%	Yes	6,558.77	\$ -	0%	\$ -
South Bay Region	123522	HR Tank Exterior Ladder Lifelines	2024	65,401	76,139	5,946	10%	Yes	5,405.37	\$ -	0%	\$ -
Kern River Valley	123526	KRV Tank Exterior Ladder Lifelines	2024	134,093	157,962	12,190	10%	Yes	17,097.72	\$ -	0%	\$ -
Los Altos	123528	LAS 118-PT1 - Pressure Vessel Rplcm	2026	449,393	512,998	39,525	10%	Yes	154,771.98	11,524.31	5%	\$ 12,410.42
East Los Angeles	123529	ELA 2023 Control Valve Replacement	2024	135,021	157,967	7,635	10%	Yes	(35,044.40)	\$ -	0%	\$ -
LA County Region	123530	PV Tank Exterior Ladder Lifelines	2024	70,042	82,026	6,368	10%	Yes	19,870.86	\$ -	0%	\$ -
Westlake	123531	WLK Tank Exterior Ladder Lifelines	2024	13,502	15,742	1,228	10%	Yes	5,144.81	\$ -	0%	\$ -
North Valley Region	123541	CH 064-PT1 - Pressure Vessel Rehab	2024	86,464	101,897	7,860	10%	Yes	11,048.53	\$ -	0%	\$ -
Los Altos	123553	LAS 2022 CP Upgrades	2024	13,502	15,825	1,227	10%	Yes	(10,986.50)	\$ -	0%	\$ -
Bay Area Region	123564	MPS 2023 Control Valve Replacement	2024	358,650	420,867	35,101	10%	Yes	(532,389.58)	\$ -	0%	\$ -
Bear Gulch	123574	BG 2022 Control Valve Replacement	2024	210,970	247,573	41,530	20%	Yes	71,336.45	\$ -	0%	\$ -
Bear Gulch	123578	BG 2023 Control Valve Replacement	2024	105,485	124,586	20,944	20%	Yes	26,314.19	\$ -	0%	\$ -
Bear Gulch	123580	BG 2024 Control Valve Replacement	2024	109,558	130,503	21,427	20%	Yes	24,385.44	\$ -	0%	\$ -
Bakersfield	123595	BK 100-F Install VFD	2024	67,374	78,882	6,347	10%	Yes	3,736.86	\$ -	0%	\$ -
South Bay Region	123597	DOM 2023 Control Valve Replacement	2024	240,315	285,564	13,282	10%	Yes	21,276.16	\$ -	0%	\$ -
South Bay Region	123598	DOM 2024 Control Valve Replacement	2024	328,672	392,361	17,815	10%	Yes	22,842.70	\$ -	0%	\$ -
South Bay Region	123599	DOM 2022 Control Valve Overhaul	2024	67,511	78,556	3,753	10%	Yes	5,272.95	\$ -	0%	\$ -
South Bay Region	123600	DOM 2023 Control Valve Overhaul	2024	73,418	86,839	4,054	10%	Yes	7,242.67	\$ -	0%	\$ -
South Bay Region	123601	DOM 2024 Control Valve Overhaul	2024	76,575	91,413	4,235	10%	Yes	6,823.36	\$ -	0%	\$ -
Bay Area Region	123606	SSF 2024 CP Upgrades	2024	29,498	35,136	2,682	10%	Yes	3,769.30	\$ -	0%	\$ -
Bakersfield	123607	BKD 116-G Install VFD	2024	69,605	79,559	6,328	10%	Yes	3,421.62	5,318.43	10%	\$ 5,451.39
Kern River Valley	123608	KRV 2022 Control Valve Replacement	2024	143,460	167,768	14,946	10%	Yes	(42,852.17)	\$ -	0%	\$ -
Kern River Valley	123610	KRV 2023 Control Valve Replacement	2024	113,080	133,210	10,056	10%	Yes	(17,547.41)	\$ -	0%	\$ -
Kern River Valley	123611	KRV 2024 Control Valve Replacement	2024	126,582	152,912	12,591	10%	Yes	(35,909.91)	\$ -	0%	\$ -
Los Altos	123614	LAS 2022 Control Valve Replacements	2024	387,632	463,012	76,291	20%	Yes	37,280.66	\$ -	0%	\$ -
Los Altos	123616	LAS 2023 Control Valve Replacement	2024	388,186	446,321	74,241	20%	Yes	(57,949.73)	\$ -	0%	\$ -
Los Altos	123617	LAS 2024 Control Valve Replacement	2024	595,071	693,931	117,171	20%	Yes	136,333.80	\$ -	0%	\$ -
Los Altos	123618	LAS Sta. 39 and 104 Well Chloram	2025	2,033,294	2,343,376	190,633	10%	Yes	927,701.40	83,044.73	10%	\$ 87,248.87
Bay Area Region	123619	RDV-COS - Well Housing (Various)	2024	203,700	200,764	18,518	10%	Yes	26,029.34	\$ -	0%	\$ -
Bay Area Region	123623	RDV HKN Sta 1 - Upgrade - Design	2025	217,196	252,760	36,199	20%	No	N/A	\$ -	0%	\$ -
Bear Gulch	123624	BG 041-T1 - Tank Retrofits	2024	25,213	29,651	2,292	10%	Yes	4,516.76	\$ -	0%	\$ -
Bakersfield	123625	BK 073-T5 Tank Retrofits	2024	25,316	30,378	2,302	10%	Yes	6,789.12	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bakersfield	123626	BK 188-T1 - Seismic Retrofit	2024	73,165	87,791	6,651	10%	Yes	9,318.63	\$ -	0%	\$ -
Bakersfield	123628	BK 188-T2 - Seismic Retrofit	2024	80,169	96,196	7,288	10%	Yes	10,174.85	\$ -	0%	\$ -
LA County Region	123629	AV LV Sta 4 New 0.22MG Storage Tank	2024	1,501,818	1,718,840	250,303	20%	Yes	349,005.89	94,365.67	10%	\$ 96,724.81
South Bay Region	123630	DOM 277-T1 - Seismic Retrofit	2024	118,143	139,093	10,740	10%	Yes	16,648.50	\$ -	0%	\$ -
LA County Region	123632	LAN 001-T2 - Seismic Retrofit	2024	92,013	105,173	8,365	10%	Yes	11,757.70	\$ -	0%	\$ -
LA County Region	123634	AV Wrigely Well Property Purch.	2025	421,941	478,738	70,323	20%	Yes	(55,440.30)	\$ -	0%	\$ -
LA County Region	123636	LAN 001-T3 - Seismic Retrofit	2024	63,291	72,814	5,754	10%	Yes	(2,320.53)	\$ -	0%	\$ -
Bakersfield	123637	BK 218-D Install VFD	2024	67,048	77,335	6,316	10%	Yes	3,718.88	\$ -	0%	\$ -
Marysville	123638	MRL Tank Exterior Ladder Lifelines	2024	21,802	25,364	1,982	10%	Yes	2,850.46	\$ -	0%	\$ -
Bay Area Region	123641	MPS Station 29 Replace Generator	2026	315,453	361,397	36,046	10%	Yes	60,510.48	12,459.51	5%	\$ 13,417.53
Bakersfield	123642	BK 176-A VFD Install	2024	136,828	160,288	12,439	10%	Yes	72,571.73	2,352.30	10%	\$ 2,411.11
Bakersfield	123643	BK 212-D Replace Pump & Motor	2024	50,151	60,355	4,559	10%	Yes	6,408.51	\$ -	0%	\$ -
Bakersfield	123644	BK 209-A VFD Install	2024	60,888	72,196	5,535	10%	Yes	2,819.60	2,073.92	10%	\$ 2,125.77
Bakersfield	123645	BK 116-F Replace Pump & Motor	2024	80,647	97,055	7,332	10%	Yes	18,017.37	\$ -	0%	\$ -
Kern River Valley	123648	Arden Sta. 6 Booster Panelboard	2024	44,434	51,963	4,039	10%	Yes	5,677.51	\$ -	0%	\$ -
Bakersfield	123654	BK 162-A Replace Pump & Motor	2024	49,749	58,458	4,523	10%	Yes	8,864.91	\$ -	0%	\$ -
Bakersfield	123655	BK 148-T1 - Tank Retrofit	2024	47,021	56,589	4,275	10%	Yes	6,008.55	\$ -	0%	\$ -
Bakersfield	123658	BK 162-B - Replace Pump & Motor	2025	49,749	57,209	4,523	10%	Yes	8,864.91	\$ -	0%	\$ -
South Bay Region	123660	HR 029-T2 - Seismic Retrofit	2024	75,030	90,088	6,821	10%	Yes	9,587.43	\$ -	0%	\$ -
Bakersfield	123662	BK 176-T2 - Seismic Retrofit	2024	189,873	222,964	17,261	10%	Yes	29,139.07	\$ -	0%	\$ -
Livermore	123663	LIV 025-T3 - Tank Retrofit	2024	13,580	16,284	1,653	10%	Yes	2,136.75	\$ -	0%	\$ -
Bay Area Region	123673	MPS 023-T1 - Tank Retrofit	2024	39,139	46,028	3,558	10%	Yes	6,307.15	\$ -	0%	\$ -
Bakersfield	123675	BK 100-T4 - Tank Retrofit	2024	39,117	47,075	3,556	10%	Yes	4,998.50	\$ -	0%	\$ -
Bakersfield	123676	BK 176-T2 - Tank Retrofit	2024	29,536	35,441	2,685	10%	Yes	4,814.03	\$ -	0%	\$ -
Salinas Valley Region	123678	SLN 058-A - Replace Pump & Motor	2025	42,194	49,283	3,877	10%	Yes	9,819.97	\$ -	0%	\$ -
Salinas Valley Region	123682	SLN 020-01 - Replace Pump & Motor	2024	108,052	128,962	9,823	10%	Yes	28,733.34	\$ -	0%	\$ -
North Valley Region	123683	CH 065-PT1 - Pressure Vessel Rplcmn	2024	441,698	519,240	40,154	10%	Yes	175,859.25	10,895.99	5%	\$ 11,168.39
Bakersfield	123684	BK Sta 146-04 Wildfire Generator	2026	347,520	401,083	31,593	10%	Yes	48,155.51	12,494.30	5%	\$ 13,454.99
Livermore	123695	LIV028-PT2 Pressure Vessel Rplcmt	2025	506,329	586,274	46,030	10%	Yes	227,695.03	11,141.90	5%	\$ 11,705.96
South Bay Region	123697	DOM 215-A Replce Pump & Motor	2024	84,285	100,618	7,662	10%	Yes	10,770.13	\$ -	0%	\$ -
Salinas Valley Region	123699	SLN 072-PT1 - Pressure Vessel Rehab	2024	87,377	104,285	7,943	10%	Yes	11,165.23	\$ -	0%	\$ -
Bay Area Region	123702	BAY 2024 Vehicle Replacemnt Program	2024	98,145	102,717	8,922	10%	Yes	4,014.99	\$ -	0%	\$ -
Visalia	123703	VIS 052-PT1 - Pressure Vessel Rehab	2025	87,377	102,176	7,943	10%	Yes	11,165.23	\$ -	0%	\$ -
North Valley Region	123704	CH 066-PT1 - Pressure Vessel Rehab	2024	101,340	119,726	8,346	10%	Yes	23,312.42	\$ -	0%	\$ -
Salinas Valley Region	123706	SLN 040-PT1 - Pressure Vessel Rplcm	2025	506,329	588,703	46,030	10%	Yes	232,354.97	10,955.56	5%	\$ 11,510.19
Salinas Valley Region	123707	SLN 303-PT1 - Pressure Vessel Rplcm	2024	327,522	390,902	26,974	10%	Yes	38,526.64	11,169.29	5%	\$ 11,448.52
Salinas Valley Region	123708	SLN 304-PT1 - Pressure Vessel Rplcm	2025	506,329	588,703	46,030	10%	Yes	241,968.95	10,571.12	5%	\$ 11,106.28
Bay Area Region	123709	SSF 005 Panelboard Replacement	2026	399,903	454,209	44,051	10%	Yes	48,808.26	16,464.91	5%	\$ 17,730.91
Bay Area Region	123711	RDV COS 7 New Generator	2026	379,046	397,154	34,459	10%	Yes	52,524.37	24,383.50	10%	\$ 26,258.36
Bay Area Region	123712	COS Study - New Access Driveway	2025	118,035	125,357	10,223	10%	Yes	56,432.52	\$ -	0%	\$ -
Bay Area Region	123714	RDV COS- Design and Permit New Well	2027	675,629	677,363	71,777	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	123716	BG 2022 Vehicle Replacement Program	2024	146,919	153,771	13,356	10%	Yes	12,528.02	\$ -	0%	\$ -
Bear Gulch	123720	BG 2024 Vehicle Replacement Program	2024	157,061	164,385	14,278	10%	Yes	9,379.03	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bakersfield	123721	BK 148 Generator Replacement	2026	245,806	287,099	22,512	10%	Yes	15,715.54	9,656.73	5%	\$ 10,399.24
North Valley Region	123722	CH 2022 Vehicle Replacement Program	2024	38,863	40,843	3,533	10%	Yes	2,308.48	\$ -	0%	\$ -
North Valley Region	123723	CH 2023 Vehicle Replacemnt Program	2024	90,047	92,778	8,186	10%	Yes	2,586.34	\$ -	0%	\$ -
North Valley Region	123724	CH 2024 Vehicle Replacement Program	2024	281,834	296,199	25,621	10%	Yes	54,816.04	\$ -	0%	\$ -
LA County Region	123727	AV 2022 Flowmeter Replacement	2024	71,730	82,842	4,506	10%	Yes	38,807.39	\$ -	0%	\$ -
East Los Angeles	123733	ELA 2024 Vehicle Replacemnt Program	2024	135,862	142,913	12,351	10%	Yes	50,695.73	\$ -	0%	\$ -
CSS	123734	CSS 2022 Vehicle Replacemnt Program	2024	834,123	855,938	72,176	10%	Yes	454,159.22	\$ -	0%	\$ -
Stockton	123736	STK 007-02 Replace Pump & Motor	2024	92,827	108,335	8,439	10%	Yes	14,101.85	\$ -	0%	\$ -
CSS	123737	CSS 2023 Vehicle Replacemnt Program	2024	1,043,404	1,083,533	94,855	10%	Yes	623,201.91	\$ -	0%	\$ -
South Bay Region	123738	DOM 275-01 Replace Pump & Motor	2024	84,285	100,618	7,662	10%	Yes	10,770.13	\$ -	0%	\$ -
CSS	123739	CSS 2024 Vehicle Replacement Program	2024	412,974	428,857	37,543	10%	Yes	203,887.24	\$ -	0%	\$ -
Kern River Valley	123740	KRV 2022 Vehicle Replacemnt Program	2024	91,943	95,513	8,358	10%	Yes	5,294.60	\$ -	0%	\$ -
Kern River Valley	123742	KRV 2024 Vehicle Replacemnt Program	2024	45,287	48,239	4,117	10%	Yes	2,704.16	\$ -	0%	\$ -
South Bay Region	123743	DOM 298-01 Replace Pump & Motor	2024	135,749	162,054	12,341	10%	Yes	17,346.41	\$ -	0%	\$ -
Livermore	123749	LIV 2023 Vehicle Replacemnt Program	2024	46,508	47,698	4,228	10%	Yes	2,777.06	\$ -	0%	\$ -
Stockton	123751	STK 069-A Replace Pump & Motor	2024	67,511	80,882	6,137	10%	Yes	(41,607.24)	\$ -	0%	\$ -
LA County Region	123752	PV 014-A Replace Pump & Motor	2024	35,673	42,872	3,243	10%	Yes	4,558.33	\$ -	0%	\$ -
Los Altos	123754	LAS 2023 Vehicle Replacement Program	2024	48,833	51,251	4,439	10%	Yes	2,916.03	\$ -	0%	\$ -
Los Altos	123755	LAS 2024 Vehicle Replacement Program	2024	60,927	63,944	5,539	10%	Yes	3,638.13	\$ -	0%	\$ -
LA County Region	123758	PV 015-D Replace Pump & Motor	2024	17,806	21,399	1,619	10%	Yes	(25,936.74)	\$ -	0%	\$ -
LA County Region	123764	AV 2023 Flowmeter Replacement	2024	40,506	46,661	2,571	10%	Yes	6,132.61	\$ -	0%	\$ -
Rancho Dominguez	123765	RD 2022 Vehicle Replacement Program	2024	178,361	183,214	16,215	10%	Yes	88,470.79	\$ -	0%	\$ -
Rancho Dominguez	123766	RD 2023 Vehicle Replacement Program	2024	360,190	377,784	32,745	10%	Yes	151,617.38	\$ -	0%	\$ -
Kern River Valley	123767	BOD 104-B - Replace Pump & Motor	2024	48,045	56,598	4,368	10%	Yes	6,139.39	\$ -	0%	\$ -
Rancho Dominguez	123768	RD 2024 Vehicle Replacement Program	2024	265,887	278,875	24,172	10%	Yes	95,557.17	\$ -	0%	\$ -
Bay Area Region	123770	RDV 2023 Vehicle Replacement Program	2024	104,398	111,222	9,491	10%			\$ -	0%	\$ -
Salinas Valley Region	123773	SLN 2022 Vehicle Replacemnt Program	2024	45,373	46,498	4,125	10%	Yes	2,709.37	\$ -	0%	\$ -
Salinas Valley Region	123774	SLN 2023 Vehicle Replacemnt Program	2024	94,787	97,589	8,617	10%	Yes	7,325.68	\$ -	0%	\$ -
Salinas Valley Region	123776	SLN 2024 Vehicle Replacement Program	2024	163,722	171,692	14,884	10%	Yes	9,776.54	\$ -	0%	\$ -
Selma	123778	SEL 2023 Vehicle Replacemnt Program	2024	56,610	59,287	5,146	10%	Yes	3,380.47	\$ -	0%	\$ -
Stockton	123781	STK 2023 Vehicle Replacement Program	2024	376,926	396,782	34,266	10%	Yes	333,195.02	\$ -	0%	\$ -
Stockton	123783	STK 2024 Vehicle Replacement Program	2024	286,556	301,651	26,536	10%	Yes	62,436.98	\$ -	0%	\$ -
Visalia	123784	VIS 2022 Vehicle Replacement Program	2024	197,156	206,996	17,923	10%	Yes	22,038.40	\$ -	0%	\$ -
Visalia	123785	VIS 2023 Vehicle Replacement Program	2024	225,917	237,192	20,538	10%	Yes	94,724.86	\$ -	0%	\$ -
Visalia	123786	VIS 2024 Vehicle Replacemnt Program	2024	93,799	98,480	7,125	10%	Yes	4,151.26	\$ -	0%	\$ -
LA County Region	123788	AV 2024 Flowmeter Replacement	2024	36,957	42,242	2,119	10%	Yes	1,423.58	\$ -	0%	\$ -
Westlake	123789	WLK 2023 Vehicle Replacemnt Program	2024	44,182	46,230	4,017	10%	Yes	2,638.19	\$ -	0%	\$ -
Bay Area Region	123794	MPS 2022 Flowmeter Replacement	2024	111,392	131,278	14,446	20%	Yes	(13,012.61)	\$ -	0%	\$ -
Bay Area Region	123796	SSF STA 101 Wildfire Generator	2026	253,652	293,716	27,541	10%	Yes	22,897.12	10,464.27	5%	\$ 11,268.87
Visalia	123797	VIS 077-PT1 - Pressure Vessel Rplcm	2024	506,329	594,963	46,030	10%	Yes	232,402.13	11,227.51	5%	\$ 11,508.20
Marysville	123798	MRL 12 Driveway Pavement Extension	2024	24,369	29,033	4,061	20%	Yes	4,813.55	\$ -	0%	\$ -
Bakersfield	123799	BK 2024 Vehicle Replacemnt Program	2024	504,398	533,365	45,854	10%	Yes	30,120.11	\$ -	0%	\$ -
North Valley Region	123803	CH 2022 Conrol Valve Overhauls	2024	23,747	28,404	2,991	20%	Yes	3,833.03	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
North Valley Region	123808	CH 2023 Control Valve Overhauls	2024	24,469	28,836	3,157	20%	Yes	4,014.32	\$ -	0%	\$ -
North Valley Region	123809	2024 Control Valve Overhaul CH	2024	25,833	30,899	3,315	20%	Yes	4,100.85	\$ -	0%	\$ -
Salinas Valley Region	123811	SLN Las Lomas Intertie Design	2024	109,553	130,753	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	123817	ELA 2024 Control Valve Overhaul	2024	25,316	29,849	1,410	10%	Yes	283.92	\$ -	0%	\$ -
South Bay Region	123821	HR 2023 Control Valve Overhaul	2024	54,591	64,641	3,011	10%	Yes	5,103.41	\$ -	0%	\$ -
South Bay Region	123822	HR 2024 Control Valve Overhaul	2024	57,201	68,681	3,164	10%	Yes	5,110.47	\$ -	0%	\$ -
South Bay Region	123824	HR 2023 Control Valve Replacement	2024	253,165	303,974	14,081	10%	Yes	20,742.74	\$ -	0%	\$ -
South Bay Region	123825	HR 2024 Control Valve Replacement	2024	271,011	318,449	14,963	10%	Yes	23,719.68	\$ -	0%	\$ -
LA County Region	123827	FREM 001-01 - Replace Pump & Moto	2024	35,877	41,008	3,262	10%	Yes	4,584.40	\$ -	0%	\$ -
Bay Area Region	123828	MPS 027-T1 - Tank Retrofits	2024	12,679	14,911	1,153	10%	Yes	1,620.26	\$ -	0%	\$ -
LA County Region	123829	LHUG 001-01 - Replace Pump & Motor	2024	29,870	34,142	2,715	10%	Yes	3,816.87	\$ -	0%	\$ -
LA County Region	123831	LHUG 001-02 - Replace Pump & Motor	2024	29,870	34,142	2,715	10%	Yes	3,816.87	\$ -	0%	\$ -
LA County Region	123834	LHUG 002-02 - Replace Pump & Motor	2024	35,877	41,008	3,262	10%	Yes	4,584.40	\$ -	0%	\$ -
Salinas Valley Region	123835	KC 2023 Control Valve Replacement	2024	42,194	49,265	2,808	10%	Yes	(18,526.10)	\$ -	0%	\$ -
Salinas Valley Region	123837	SLN 2024 Control Valve Replacement	2024	53,969	64,413	6,902	20%	Yes	21,828.94	\$ -	0%	\$ -
Salinas Valley Region	123839	SLN 071: Sta Rebuild - Design	2027	600,000	678,274	100,000	20%	No	N/A	\$ -	0%	\$ -
Los Altos	123842	LAS 019-T1 - Tank Retrofits	2024	60,600	70,688	5,368	10%	Yes	23,481.24	\$ -	0%	\$ -
Salinas Valley Region	123845	SLN 2023 Control Valve Overhaul	2024	80,169	94,810	10,274	20%	Yes	11,168.60	\$ -	0%	\$ -
Salinas Valley Region	123846	SLN 2024 Control Valve Overhaul	2024	83,816	100,036	10,836	20%	Yes	13,796.15	\$ -	0%	\$ -
Bay Area Region	123848	BAY SM STA 012 Wildfire Generator	2025	266,611	310,782	28,673	10%	Yes	37,390.23	10,464.27	5%	\$ 10,994.02
Bakersfield	123850	BK 156 Generator Replacement	2026	265,823	306,794	24,216	10%	Yes	46,828.20	9,151.08	5%	\$ 9,854.71
Salinas Valley Region	123851	SLN 016-T1 - Tank Retrofits	2024	57,872	68,127	5,261	10%	Yes	7,394.98	\$ -	0%	\$ -
Bay Area Region	123852	SSF 006-F Replace Pump & Motor	2024	58,853	69,062	5,592	10%	Yes	12,807.82	\$ -	0%	\$ -
Bay Area Region	123854	SSF 013-A Replace Pump & Motor	2024	41,524	48,518	3,946	10%	Yes	8,771.93	\$ -	0%	\$ -
Bay Area Region	123856	SSF 101-A Replace Pump & Motor	2024	52,074	62,026	4,948	10%	Yes	6,859.72	\$ -	0%	\$ -
Livermore	123857	LIV 009-T4 - Tank Retrofits	2024	54,852	64,375	4,987	10%	Yes	(14,990.99)	\$ -	0%	\$ -
Bay Area Region	123858	SSF 101-B Replace Pump & Motor	2024	52,074	62,026	4,948	10%	Yes	6,859.72	\$ -	0%	\$ -
Bakersfield	123859	BK 215 VFD Controls Upgrades	2025	96,644	112,145	8,786	10%	Yes	6,591.27	3,137.84	5%	\$ 3,296.69
Stockton	123860	STK 065-T1&T2 - Tank Retrofits	2024	64,979	76,842	5,907	10%	Yes	15,222.71	\$ -	0%	\$ -
Los Altos	123862	LAS 001-02 Replace Pump & Motor	2024	118,666	139,085	11,276	10%	Yes	51,137.26	\$ -	0%	\$ -
Bakersfield	123863	BK 2022 CARB VEHICLE REPLACEMENT	2024	388,626	398,822	35,330	10%	Yes	(82,706.79)	\$ -	0%	\$ -
Bakersfield	123864	BK 162 Panelboard Replacement	2025	382,172	448,776	35,282	10%	Yes	58,830.70	13,592.92	5%	\$ 14,281.06
Los Altos	123865	LAS 001-E Replace Pump & Motor	2024	76,034	89,117	7,225	10%	Yes	11,716.08	\$ -	0%	\$ -
Los Altos	123867	LAS 009-D Replace Pump & Motor	2024	46,784	54,572	4,446	10%	Yes	3,748.90	\$ -	0%	\$ -
Los Altos	123870	LAS 009-E Replace Pump & Motor	2024	59,072	69,071	5,613	10%	Yes	16,036.36	\$ -	0%	\$ -
Los Altos	123876	LAS 2022 CARB Vehicle Replacement	2024	241,102	253,041	21,918	10%	Yes	14,397.33	\$ -	0%	\$ -
Salinas Valley Region	123881	SLN 039: As Treatmnt Plant - Design	2025	71,028	82,394	11,838	20%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	123882	RD 2022 CARB Vehicle Replacement	2024	706,505	725,730	64,228	10%	Yes	42,188.85	\$ -	0%	\$ -
Salinas Valley Region	123884	SLN Wildfire Oak Hills Grid Imprv	2024	10,269	12,172	1,711	20%	Yes	(2,689,934.62)	204,477.68	10%	\$ 209,589.62
Salinas Valley Region	123886	Davis Rd Bridge 12" Pipe Provisions	2024	140,025	167,122	-	0%	Yes	1,965.52	\$ -	0%	\$ -
Salinas Valley Region	123887	SLN 076: New Well	2026	3,796,275	4,423,447	-	0%			\$ -	0%	\$ -
South Bay Region	123890	HR Station 4 Panelboard Replacement	2026	317,797	369,438	28,891	10%	Yes	24,516.55	12,016.48	5%	\$ 12,940.43
Los Altos	123895	LAS Sta. 41 New Booster Pump	2026	1,837,673	2,102,790	167,061	10%	Yes	294,050.36	111,766.62	10%	\$ 120,360.43

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Los Altos	123897	LAS Sta. 33 Paneboard Replacement	2024	305,517	355,520	27,774	10%	Yes	21,358.59	10,890.43	5%	\$ 11,162.69
Los Altos	123898	LAS Wildfire Control Valves 2023	2024	584,424	689,891	53,129	10%	Yes	77,582.20	19,342.00	5%	\$ 19,825.55
Bakersfield	123899	BK 212 Panelboard Replacement	2026	352,586	414,261	32,550	10%	Yes	27,994.44	13,592.92	5%	\$ 14,638.09
North Valley Region	123900	CH 7 Install GAC Treatment	2024	1,330,232	1,555,945	120,930	10%	Yes	180,744.53	45,736.48	5%	\$ 46,879.89
Bay Area Region	123903	MPS 2023 Flowmeter Replacement	2024	111,392	127,374	14,795	20%	Yes	(16,394.14)	\$ -	0%	\$ -
Bay Area Region	123906	MPS 2024 Flowmeter Replacement	2024	97,446	112,838	13,498	20%	Yes	11,773.92	\$ -	0%	\$ -
Stockton	123911	STK 2022 Customer Meter Vault Lids	2024	60,572	72,569	5,507	10%	Yes	8,041.07	\$ -	0%	\$ -
Los Altos	123913	LAS Sta. 117 Rebuild - Design	2026	210,970	240,254	35,626	20%	No	N/A	\$ -	0%	\$ -
Bear Gulch	123914	BG 2022 Flowmeter Replacement	2024	99,399	116,895	13,132	20%	Yes	18,213.05	\$ -	0%	\$ -
Visalia	123916	VIS 62 Generator Installation	2024	266,799	315,016	24,255	10%	Yes	32,696.83	9,271.05	5%	\$ 9,502.83
Los Altos	123917	LAS 011-D - Replace Pump & Motor	2024	72,574	84,655	6,896	10%	Yes	28,462.66	\$ -	0%	\$ -
Los Altos	123923	LAS 023-D - Replace Pump & Motor	2024	94,515	110,248	8,981	10%	Yes	28,589.21	\$ -	0%	\$ -
Visalia	123924	VIS 72 Generator Installation	2026	250,100	284,938	22,736	10%	Yes	15,997.37	9,271.05	5%	\$ 9,983.91
Bakersfield	123925	BK 2022 Flowmeter Replacement	2024	210,970	247,156	29,379	20%	Yes	109,303.34	\$ -	0%	\$ -
East Los Angeles	123926	ELA 12 Pressure Tank	2024	522,529	614,492	47,503	10%	Yes	309,745.21	9,159.69	5%	\$ 9,388.68
North Valley Region	123928	CH 41 Install GAC Treatment	2024	1,326,588	1,586,750	132,659	10%	No	N/A	\$ -	0%	\$ -
LA County Region	123929	FMT 001-PT1 - Pressure Vessel Rplcm	2024	445,695	512,090	40,518	10%	Yes	177,980.15	11,524.31	5%	\$ 11,812.42
Visalia	123930	VIS 81 Generator Installation	2026	248,320	284,264	22,575	10%	Yes	14,766.96	9,271.05	5%	\$ 9,983.91
Salinas Valley Region	123932	SLN Sta 47 Genset Installation	2026	315,771	362,907	22,263	10%	Yes	26,082.14	16,763.67	10%	\$ 18,052.64
Bear Gulch	123935	BG Sta. 20 Panelboard Replacement	2025	407,747	473,174	37,068	10%	Yes	59,127.45	13,252.91	5%	\$ 13,923.84
Bakersfield	123936	BK 116-PT1 Pressure Vessel Replace	2025	339,348	391,651	30,850	10%	Yes	43,362.87	12,430.49	5%	\$ 13,059.78
North Valley Region	123938	CH 51 Install GAC Treatment	2025	1,147,488	1,323,410	104,317	10%	Yes	155,914.39	40,439.64	5%	\$ 42,486.90
Stockton	123940	STK 2023 Customer Meter Vault Lids	2024	62,087	74,383	5,644	10%	Yes	8,242.02	\$ -	0%	\$ -
Stockton	123942	STK 2024 Customer Meter Vault Lids	2024	63,639	76,243	5,785	10%	Yes	8,448.18	\$ -	0%	\$ -
Visalia	123943	VIS 2022 Customer Meter Vault Lids	2024	30,286	36,189	2,753	10%	Yes	4,020.45	\$ -	0%	\$ -
Visalia	123945	VIS 2023 Customer Meter Vault Lids	2024	31,043	37,094	2,822	10%	Yes	4,120.98	\$ -	0%	\$ -
Visalia	123946	VIS 2024 Customer Meter Vault Lids	2024	31,819	38,021	2,893	10%	Yes	4,224.00	\$ -	0%	\$ -
LA County Region	123948	PV 2022 Customer Meter Vault Lids	2024	14,386	17,289	1,308	10%	Yes	1,909.73	\$ -	0%	\$ -
LA County Region	123949	PV 2023 Customer Meter Vault Lids	2024	14,746	17,721	1,341	10%	Yes	1,957.52	\$ -	0%	\$ -
LA County Region	123950	PV 2024 Customer Meter Vault Lids	2024	15,114	18,164	1,374	10%	Yes	2,006.36	\$ -	0%	\$ -
Westlake	123953	WLK 2022 Customer Meter Vault Lids	2024	28,772	34,263	2,616	10%	Yes	3,819.49	\$ -	0%	\$ -
Visalia	123954	VIS 23 Panelboard & Gen Set	2024	457,136	546,236	41,558	10%	Yes	76,001.51	15,479.09	5%	\$ 15,866.07
Bear Gulch	123957	BG Sta. 23 Panelboard Replacement	2026	422,251	484,800	38,386	10%	Yes	58,697.97	13,847.17	5%	\$ 14,911.89
Westlake	123959	WLK 2023 Customer Meter Vault Lids	2024	29,491	34,369	2,681	10%	Yes	3,915.02	\$ -	0%	\$ -
Salinas Valley Region	123960	SLN Sta 57 Panelboard Replacement	2026	331,607	381,987	30,483	10%	Yes	19,890.84	24,044.00	10%	\$ 25,892.76
Bakersfield	123961	BK 2023 Flowmeter Replacements	2024	152,743	178,398	9,057	10%	Yes	23,507.03	\$ -	0%	\$ -
Bakersfield	123962	BK 2024 Flowmeter Replacements	2024	141,191	169,918	8,877	10%	Yes	14,243.49	\$ -	0%	\$ -
North Valley Region	123963	CH 2022 Flowmeter Replacement	2024	210,970	246,148	27,957	20%	Yes	(58,710.18)	\$ -	0%	\$ -
North Valley Region	123964	CH 2023 Flowmeter Replacement	2024	359,129	422,175	47,543	20%	Yes	74,091.30	\$ -	0%	\$ -
Westlake	123965	WLK 2024 Customer Meter Vault Lids	2024	30,228	35,144	2,748	10%	Yes	4,012.85	\$ -	0%	\$ -
North Valley Region	123966	CH 2024 Flowmeter Replacement	2024	357,683	427,830	46,504	20%	Yes	50,434.06	\$ -	0%	\$ -
South Bay Region	123967	DOM 2022 Customer Meter Vault Lids	2024	57,544	68,694	5,231	10%	Yes	7,638.98	\$ -	0%	\$ -
South Bay Region	123968	DOM 2022 Flowmeter Replacement	2024	52,505	61,239	2,865	10%	Yes	3,822.98	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Sepcial Inspections Cost (\$)
South Bay Region	123970	DOM 2023 Customer Meter Vault Lids	2024	58,982	70,412	5,362	10%	Yes	7,829.93	\$ -	0%	\$ -
South Bay Region	123971	DOM 2024 Customer Meter Vault Lids	2024	60,457	72,172	5,496	10%	Yes	8,025.64	\$ -	0%	\$ -
South Bay Region	123973	DOM 2023 Flowmeter Replacement	2024	103,111	120,546	5,828	10%	Yes	9,774.17	\$ -	0%	\$ -
Bakersfield	123974	BK 2022 Customer Meter Vault Lids	2024	28,772	34,626	2,616	10%	Yes	3,819.49	\$ -	0%	\$ -
Bakersfield	123975	BK 2023 Customer Meter Vault Lids	2024	29,491	35,492	2,681	10%	Yes	3,915.02	\$ -	0%	\$ -
South Bay Region	123976	DOM 2024 Flowmeter Replacement	2024	139,626	166,683	8,191	10%	Yes	5,690.65	\$ -	0%	\$ -
Bakersfield	123978	BK 2024 Customer Meter Vault Lids	2024	30,228	36,379	2,748	10%	Yes	4,012.85	\$ -	0%	\$ -
North Valley Region	123979	CH 050 Station Rebuild - Design	2024	178,677	213,718	29,780	20%	No	N/A	\$ -	0%	\$ -
Los Altos	123981	LAS 032-01 - Replace Pump & Motor	2024	90,863	108,532	8,634	10%	Yes	11,969.29	\$ -	0%	\$ -
Salinas Valley Region	123982	SLN STA 058 Wildfire New Generator	2024	228,442	268,298	20,732	10%	Yes	7,572.29	16,763.00	10%	\$ 17,182.08
Los Altos	123984	LAS 039-01 - Replace Pump & Motor	2024	148,150	172,812	14,078	10%	Yes	72,653.14	\$ -	0%	\$ -
LA County Region	123986	AV-LEO Sta 04 Tank-1 Aeration	2024	62,897	71,892	5,716	10%	Yes	8,005.12	\$ -	0%	\$ -
Bear Gulch	123989	BG Customer Meter Vault Lids	2024	18,947	22,569	3,037	20%	Yes	3,769.53	\$ -	0%	\$ -
North Valley Region	123994	CH 2024 Customer Meter Vault Lids	2024	31,819	38,060	2,893	10%	Yes	4,224.05	\$ -	0%	\$ -
Marysville	123995	MRL Sta 8 Flowmeter Replacement	2024	37,635	43,976	4,728	20%	Yes	6,063.07	\$ -	0%	\$ -
Dixon	123996	DIX 2022 Customer Meter Vault Lids	2024	15,143	18,333	1,377	10%	Yes	2,010.17	\$ -	0%	\$ -
Dixon	123998	DIX 2023 Customer Meter Vault Lids	2024	14,413	17,450	1,310	10%	Yes	952.32	\$ -	0%	\$ -
Livermore	123999	LIV Turnout 5 RTU Install	2025	167,174	190,442	22,840	20%	Yes	43,132.07	\$ -	0%	\$ -
Dixon	124000	DIX 2024 Customer Meter Vault Lids	2024	15,910	19,262	1,446	10%	Yes	2,111.93	\$ -	0%	\$ -
Bay Area Region	124001	MPS 106-B - Replace Pump & Motor	2024	69,530	82,819	6,321	10%	Yes	5,814.51	\$ -	0%	\$ -
East Los Angeles	124002	ELA 2022 Customer Meter Vault Lids	2024	28,772	34,445	2,616	10%	Yes	3,819.49	\$ -	0%	\$ -
Los Altos	124003	LAS 033-A - Replace Pump & Motor	2024	54,607	65,225	4,818	10%	Yes	10,164.64	\$ -	0%	\$ -
Marysville	124004	MRL Sta 9 Flowmeter Replacement	2024	39,964	46,698	5,021	20%	Yes	8,392.04	\$ -	0%	\$ -
East Los Angeles	124005	ELA 2023 Customer Meter Vault Lids	2024	29,491	35,306	2,681	10%	Yes	3,915.02	\$ -	0%	\$ -
East Los Angeles	124006	ELA 2024 Customer Meter Vault Lids	2024	30,228	36,189	2,748	10%	Yes	4,012.85	\$ -	0%	\$ -
Marysville	124007	MRL Sta 10 Flowmeter Replacement	2024	38,576	45,959	4,846	20%	Yes	6,214.56	\$ -	0%	\$ -
South Bay Region	124008	HR 2022 Customer Meter Vault Lids	2024	28,772	34,546	2,616	10%	Yes	3,819.49	\$ -	0%	\$ -
South Bay Region	124010	HR 2023 Customer Meter Vault Lids	2024	29,491	35,410	2,681	10%	Yes	3,915.02	\$ -	0%	\$ -
Marysville	124011	MRL 2023 Flowmeter Replacement 11	2024	38,576	45,959	4,846	20%	Yes	6,214.56	\$ -	0%	\$ -
South Bay Region	124012	HR 2024 Customer Meter Vault Lids	2024	30,228	36,295	2,748	10%	Yes	4,012.85	\$ -	0%	\$ -
Salinas Valley Region	124013	SLN STA 61 Panelboard Replacement	2026	309,634	358,320	26,546	10%	Yes	18,255.85	20,742.00	10%	\$ 22,336.87
Salinas Valley Region	124015	KC 2022 Customer Meter Vault Lids	2024	5,509	6,617	501	10%	Yes	(7,624.08)	\$ -	0%	\$ -
Salinas Valley Region	124016	KC 2023 Customer Meter Vault Lids	2024	15,522	18,175	1,411	10%	Yes	2,060.57	\$ -	0%	\$ -
Salinas Valley Region	124017	KC 2024 Customer Meter Vault Lids	2024	15,910	19,110	1,446	10%	Yes	2,111.93	\$ -	0%	\$ -
Livermore	124018	LIV Customer Meter Vault Lids	2024	15,143	18,158	1,377	10%	Yes	2,010.17	\$ -	0%	\$ -
Los Altos	124019	LAS 104-A - Replace Pump & Motor	2024	20,592	24,597	1,957	10%	Yes	(24,621.62)	\$ -	0%	\$ -
Livermore	124020	LIV 2023 Customer Meter Vault Lids	2024	15,522	18,612	1,411	10%	Yes	2,060.57	\$ -	0%	\$ -
Livermore	124021	LIV 2024 Customer Meter Vault Lids	2024	15,910	19,077	1,446	10%	Yes	2,111.93	\$ -	0%	\$ -
Salinas Valley Region	124026	SLN STA 205 Wildfire New Generator	2024	267,992	319,852	29,742	10%	Yes	41,526.15	21,533.00	10%	\$ 22,071.33
Marysville	124027	MRL 2022 Customer Meter Vault Lids	2024	15,143	18,041	1,377	10%	Yes	2,010.17	\$ -	0%	\$ -
Marysville	124028	MRL 2023 Customer Meter Vault Lids	2024	15,522	18,493	1,411	10%	Yes	2,060.57	\$ -	0%	\$ -
Marysville	124029	MRL 2024 Customer Meter Vault Lids	2024	15,910	18,955	1,446	10%	Yes	2,111.93	\$ -	0%	\$ -
North Valley Region	124030	ORO Customer Meter Vault Lids	2024	15,143	18,126	1,377	10%	Yes	2,010.17	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
North Valley Region	124031	ORO 2023 Customer Meter Vault Lids	2024	15,522	18,580	1,411	10%	Yes	2,060.57	\$ -	0%	\$ -
North Valley Region	124032	ORO 2024 Customer Meter Vault Lids	2024	14,413	17,253	1,310	10%	Yes	615.73	\$ -	0%	\$ -
Livermore	124033	LIV Turnout 6 RTU Install	2024	148,372	172,724	20,271	20%	Yes	21,229.23	\$ -	0%	\$ -
Salinas Valley Region	124034	SLN STA 304 Panelboard Installation	2026	318,484	361,795	27,869	10%	Yes	40,485.29	20,305.00	10%	\$ 21,866.26
Salinas Valley Region	124036	SLN 2022 Customer Meter Vault Lids	2024	30,286	36,147	2,753	10%	Yes	4,020.45	\$ -	0%	\$ -
Salinas Valley Region	124037	SLN 2023 Customer Meter Vault Lids	2024	31,043	37,051	2,822	10%	Yes	4,120.98	\$ -	0%	\$ -
Salinas Valley Region	124038	SLN 2024 Customer Meter Vault Lids	2024	31,819	37,977	2,893	10%	Yes	4,224.00	\$ -	0%	\$ -
Bay Area Region	124039	MPS 2022 Customer Meter Vault Lids	2024	31,800	37,878	2,891	10%	Yes	4,221.48	\$ -	0%	\$ -
Bay Area Region	124040	MPS 2023 Customer Meter Vault Lids	2024	32,595	38,825	2,963	10%	Yes	4,327.09	\$ -	0%	\$ -
Bay Area Region	124041	MPS 2024 Customer Meter Vault Lids	2024	33,410	39,796	3,037	10%	Yes	4,435.30	\$ -	0%	\$ -
Selma	124042	SEL 2022 Customer Meter Vault Lids	2024	15,143	18,049	1,377	10%	Yes	2,010.17	\$ -	0%	\$ -
Selma	124043	SEL 2023 Customer Meter Vault Lids	2024	15,522	18,105	1,411	10%	Yes	2,060.57	\$ -	0%	\$ -
Selma	124044	SEL 2024 Customer Meter Vault Lids	2024	15,910	18,513	1,446	10%	Yes	2,111.93	\$ -	0%	\$ -
Bay Area Region	124045	SSF 2022 Customer Meter Vault Lids	2024	31,800	37,878	2,891	10%	Yes	4,221.48	\$ -	0%	\$ -
Bay Area Region	124046	SSF 2023 Customer Meter Vault Lids	2024	32,595	38,825	2,963	10%	Yes	4,327.09	\$ -	0%	\$ -
Visalia	124047	VIS 30 Install ATS	2024	71,730	84,897	6,521	10%	Yes	17,178.81	2,181.33	5%	\$ 2,235.86
Bay Area Region	124048	SSF 2024 Customer Meter Vault Lids	2024	33,410	39,796	3,037	10%	Yes	4,435.30	\$ -	0%	\$ -
Los Altos	124050	LAS 2024 Customer Meter Vault Lids	2024	33,410	39,907	3,037	10%	Yes	4,435.30	\$ -	0%	\$ -
North Valley Region	124055	CH 027-01 Replace Pump & Motor	2024	118,143	137,843	10,740	10%	Yes	40,759.27	\$ -	0%	\$ -
East Los Angeles	124056	ELA Relocate Existing Control Valve	2024	128,950	150,865	11,723	10%	Yes	15,280.67	4,893.12	5%	\$ 5,015.45
North Valley Region	124057	CH 029-01 Replace Pump & Motor	2024	114,515	133,609	10,410	10%	Yes	39,017.94	\$ -	0%	\$ -
Dixon	124058	DIX 04 CrVI Treatment	2025	2,710,211	3,170,451	436,888	20%			45,648.76	5%	\$ 47,959.73
North Valley Region	124060	CH 081-C Replace Pump & Motor	2024	60,600	71,416	6,323	10%	Yes	(3,717.78)	\$ -	0%	\$ -
North Valley Region	124061	CH 064-01 - Replace Pump & Motor	2024	93,952	109,894	8,541	10%	Yes	18,455.54	\$ -	0%	\$ -
East Los Angeles	124062	ELA 2022 Flowmeter Replacement	2024	126,582	151,541	8,599	10%	Yes	(18,765.52)	\$ -	0%	\$ -
East Los Angeles	124063	ELA 2023 Flowmeter Replacement	2024	168,776	201,544	10,287	10%	Yes	39,540.78	\$ -	0%	\$ -
East Los Angeles	124064	ELA 2024 Flowmeter Replacement	2024	160,338	191,952	10,047	10%	Yes	27,870.96	\$ -	0%	\$ -
Los Altos	124070	LAS 2024 Flowmeter Replacement	2024	93,264	111,400	13,519	20%	Yes	12,007.01	\$ -	0%	\$ -
Livermore	124072	LIV 016-A Replace Pump & Motor	2025	50,633	59,417	4,603	10%	Yes	7,597.54	\$ -	0%	\$ -
Livermore	124074	LIV 023-G Replace Pump & Motor	2024	51,838	62,159	4,713	10%	Yes	6,623.98	\$ -	0%	\$ -
Bay Area Region	124075	MPS 112-A Replace Pump & Motor	2024	40,995	48,830	3,727	10%	Yes	(5,322.01)	\$ -	0%	\$ -
Livermore	124076	LIV Crane Ridge 001 New Generator	2025	275,517	320,737	25,047	10%	Yes	38,920.43	9,391.86	5%	\$ 9,867.32
Livermore	124078	LIV 025-B - Replace Pump & Motor	2024	46,963	56,313	4,269	10%	Yes	1,748.65	\$ -	0%	\$ -
East Los Angeles	124079	ELA Main Replcmnt Fwy Crossing-Dsgn	2024	387,321	455,488	64,554	20%	No	N/A	\$ -	0%	\$ -
Bay Area Region	124081	MPS 114-B Replace Pump & Motor	2024	36,613	43,610	3,328	10%	Yes	1,363.21	\$ -	0%	\$ -
Bay Area Region	124083	RDV 2022 Flowmeter Replacement	2024	46,012	53,599	6,441	20%	Yes	8,045.56	\$ -	0%	\$ -
Livermore	124084	LIV 026-B - Replace Pump & Motor	2024	42,194	50,595	3,836	10%	Yes	9,442.10	\$ -	0%	\$ -
Bay Area Region	124085	MPS 118-A Replace Pump & Motor	2024	30,997	36,921	2,818	10%	Yes	(39,955.44)	\$ -	0%	\$ -
Los Altos	124086	LAS Grant Rd. Rezone	2025	1,010,151	1,153,132	91,832	10%	Yes	129,083.65	64,591.48	10%	\$ 67,861.42
Bay Area Region	124087	RDV 2023 Flowmeter Replacement	2024	47,455	57,376	6,800	20%	Yes	8,448.72	\$ -	0%	\$ -
Bay Area Region	124088	RDV 2024 Flowmeter Replacement	2024	97,899	115,560	14,357	20%	Yes	17,745.94	\$ -	0%	\$ -
Selma	124089	SEL 2023 Flowmeter Replacement	2024	46,699	54,472	6,476	20%	Yes	8,107.45	\$ -	0%	\$ -
Bay Area Region	124090	MPS 120-B Replace Pump & Motor	2024	18,835	22,292	1,712	10%	Yes	(16,615.83)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Selma	124091	SEL 2024 Flowmeter Replacement	2024	91,128	105,581	12,962	20%	Yes	12,015.26	\$ -	0%	\$ -
South Bay Region	124092	HR 005 Sta Rebuild - Design	2025	265,958	312,512	45,794	20%			\$ -	0%	\$ -
Los Altos	124093	LAS STA 008 Wildfire New Generator	2026	292,825	333,470	26,620	10%	Yes	41,365.35	9,526.06	5%	\$ 10,258.52
East Los Angeles	124097	ELA 012-T2 Install Tank Mixer	2024	78,481	93,243	12,967	20%	Yes	15,681.99	\$ -	0%	\$ -
East Los Angeles	124103	ELA 040-T1 Install Tank Mixer	2024	78,481	93,243	12,967	20%	Yes	15,681.99	\$ -	0%	\$ -
East Los Angeles	124104	ELA 055-T1 Install Tank Mixer	2024	78,481	93,243	12,967	20%	Yes	15,681.99	\$ -	0%	\$ -
East Los Angeles	124105	ELA 060-T1 Install Tank Mixer	2024	77,208	91,497	12,757	20%	Yes	12,839.40	\$ -	0%	\$ -
Visalia	124110	VIS 2022 Flowmeter Replacement	2024	331,237	392,979	42,255	20%	Yes	63,073.61	\$ -	0%	\$ -
East Los Angeles	124112	ELA - Land Purchase	2024	526,508	627,136	45,679	10%	Yes	77,995.78	\$ -	0%	\$ -
Visalia	124113	VIS 2023 Flowmeter Replacement	2024	329,114	392,327	42,020	20%	Yes	53,175.82	\$ -	0%	\$ -
Selma	124116	SEL 021 VFD Replacement	2025	76,898	88,706	6,991	10%	Yes	6,143.86	5,292.67	10%	\$ 5,560.61
Visalia	124118	VIS 2024 Flowmeter Replacement	2024	375,773	449,014	47,858	20%	Yes	61,158.82	\$ -	0%	\$ -
Visalia	124119	VIS 026-01 Replace Pump & Motor	2024	90,939	108,664	8,267	10%	Yes	11,620.43	\$ -	0%	\$ -
Salinas Valley Region	124120	KC STA 14 Generator Installation	2026	269,036	314,608	24,457	10%	Yes	22,537.86	18,438.00	10%	\$ 19,855.71
Stockton	124121	STK 2022 Flowmeter Replacement	2024	149,816	179,488	17,515	10%	Yes	22,881.40	\$ -	0%	\$ -
Stockton	124123	STK 2023 Flowmeter Replacements	2024	154,127	180,708	18,041	10%	Yes	23,560.31	\$ -	0%	\$ -
Visalia	124124	VIS 042-01 Replace Pump & Motor	2024	66,781	79,797	6,071	10%	Yes	8,533.54	\$ -	0%	\$ -
Stockton	124127	STK 2024 Flowmeter Replacements	2024	158,577	185,479	20,511	20%	Yes	26,110.85	\$ -	0%	\$ -
Willows	124133	WIL 2023 Flowmeter Replacement	2024	21,097	25,119	2,961	20%	Yes	(16,956.05)	\$ -	0%	\$ -
Rancho Dominguez	124137	RD Office Improvements 2022	2024	17,975	19,190	1,555	10%	Yes	1,189.94	\$ -	0%	\$ -
Kern River Valley	124138	KRV 2023 Flowmeter Replacement	2024	63,885	77,448	3,643	10%	Yes	6,086.15	\$ -	0%	\$ -
Los Altos	124140	LAS Wildfire Control Valves 2024	2025	516,711	589,848	46,974	10%	Yes	22,073.73	18,416.00	5%	\$ 19,348.31
Kern River Valley	124141	KRV 2024 Flowmeter Replacements	2025	63,771	73,517	3,674	10%	Yes	3,422.64	\$ -	0%	\$ -
Livermore	124142	LIV 2022 Flowmeter Replacement	2024	324,078	388,602	42,937	20%	Yes	54,340.75	\$ -	0%	\$ -
Visalia	124143	VIS 083-01 - Replace Pump & Motor	2024	125,104	147,004	11,373	10%	Yes	15,986.13	\$ -	0%	\$ -
Visalia	124145	VIS 300-01 - Replace Pump & Motor	2024	65,495	77,332	5,954	10%	Yes	14,171.66	\$ -	0%	\$ -
Livermore	124146	LIV 2023 Flowmeter Replacement	2024	300,568	352,710	38,855	20%	Yes	49,470.60	\$ -	0%	\$ -
Westlake	124150	WLK Sta. 6 Tank Mixing	2025	265,867	307,152	24,170	10%	Yes	20,304.12	\$ -	0%	\$ -
Westlake	124151	WLK Sta. 7 Tank Mixing	2025	264,483	305,553	24,044	10%	Yes	24,909.08	\$ -	0%	\$ -
Livermore	124154	LIV 2024 Flowmeter Replacement	2024	241,962	290,136	32,093	20%	Yes	18,974.70	\$ -	0%	\$ -
North Valley Region	124157	ORO 2022 Flowmeter Replacement	2024	93,232	109,916	12,913	20%	Yes	20,020.70	\$ -	0%	\$ -
North Valley Region	124161	ORO 2023 Flowmeter Replacement	2024	53,841	63,800	6,776	20%	Yes	10,687.37	\$ -	0%	\$ -
Salinas Valley Region	124163	SLN 2022 Flowmeter Replacements	2024	191,134	227,081	25,793	20%	Yes	40,231.33	\$ -	0%	\$ -
Salinas Valley Region	124166	SLN 2023 Flowmeter Replacement	2024	159,537	188,240	20,341	20%	Yes	31,981.97	\$ -	0%	\$ -
Bay Area Region	124170	MPS 2023 Control Valve Overhaul	2024	40,406	47,721	3,673	10%	Yes	(75,385.93)	\$ -	0%	\$ -
Bay Area Region	124171	MPS 2024 Control Valve Overhaul	2024	40,406	48,128	3,673	10%	Yes	(78,280.71)	\$ -	0%	\$ -
Bakersfield	124173	BK 209 Panel Shade Awning	2024	13,957	16,599	1,269	10%	Yes	1,933.81	\$ -	0%	\$ -
Salinas Valley Region	124175	KC 2022 Flowmeter Replacement	2024	13,502	15,765	1,816	20%	Yes	(33,827.57)	\$ -	0%	\$ -
LA County Region	124177	PV 2023 Control Valve Overhaul	2024	497,046	597,350	45,186	10%	Yes	64,526.49	\$ -	0%	\$ -
Bakersfield	124178	BK 2023 Misc Field Equipment	2024	40,185	41,364	3,386	10%	Yes	2,123.09	\$ -	0%	\$ -
South Bay Region	124179	HR 2022 Flowmeter Replacement	2024	134,177	157,098	8,278	10%	Yes	13,346.75	\$ -	0%	\$ -
LA County Region	124181	PV 2024 Control Valve Overhaul	2026	40,406	48,560	3,673	10%	Yes	(402,927.20)	\$ -	0%	\$ -
North Valley Region	124182	ORO 011-A - Replace Pump & Motor	2024	45,992	53,529	4,181	10%	Yes	13,052.20	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
South Bay Region	124184	HR 2023 Flowmeter Replacement	2024	168,776	202,089	10,089	10%	Yes	80,824.28	\$ -	0%	\$ -
South Bay Region	124186	HR 2024 Flowmeter Replacement	2024	94,622	112,984	5,816	10%	Yes	4,471.07	\$ -	0%	\$ -
Westlake	124187	WLK 2024 Control Valve Overhaul	2024	40,506	47,731	3,682	10%	Yes	5,833.34	\$ -	0%	\$ -
Stockton	124188	STK 016 ATS Panel Installation	2025	51,117	59,157	2,658	10%	Yes	551.03	\$ -	0%	\$ -
Stockton	124189	STK 018-01 - Replace Pump & Motor	2025	75,949	89,048	6,905	10%	Yes	17,701.80	\$ -	0%	\$ -
Bakersfield	124190	BK Sta 96 Vault Lid Replacement	2024	73,882	88,914	6,237	10%	Yes	(21,073.10)	\$ -	0%	\$ -
Stockton	124191	STK 60-01 - Replace Pump & Motor	2024	135,021	159,252	12,275	10%	Yes	28,564.67	\$ -	0%	\$ -
Bay Area Region	124194	SSF 2023 Control Valve Overhaul	2024	40,406	47,415	3,673	10%	Yes	3,017.97	\$ -	0%	\$ -
Stockton	124196	STK STA 076 ATS Panel Installation	2025	56,305	65,161	3,212	10%	Yes	1,048.63	\$ -	0%	\$ -
North Valley Region	124198	CH 2024 ADDITIONAL TRUCK	2024	101,912	107,106	9,265	10%			\$ -	0%	\$ -
Bay Area Region	124199	SSF 2024 Control Valve Overhaul	2024	40,406	48,128	3,673	10%	Yes	2,083.17	\$ -	0%	\$ -
Stockton	124200	STK STA 79 Motor Control Upgrade	2024	16,550	19,315	2,837	20%	Yes	2,164.53	\$ -	0%	\$ -
North Valley Region	124202	CH 2022 ADDITIONAL DUMP TRUCK	2024	90,499	95,111	8,227	10%			\$ -	0%	\$ -
Bear Gulch	124204	BG 2023 Control Valve Overhaul	2024	40,406	47,416	3,673	10%	Yes	(62,153.88)	\$ -	0%	\$ -
Bear Gulch	124205	BG 2024 Control Valve Overhaul	2024	40,406	48,131	3,673	10%	Yes	(64,717.47)	\$ -	0%	\$ -
Stockton	124206	STK STA 21-01 Well Study	2024	55,168	65,752	5,153	10%	Yes	8,347.74	\$ -	0%	\$ -
Los Altos	124208	LAS Transm. Main Isolation Valves	2025	1,612,884	1,872,108	146,626	10%	Yes	418,684.53	\$ -	0%	\$ -
Stockton	124209	STK DIST OFC Genset Installation	2026	244,144	280,391	21,967	10%	Yes	33,616.64	15,861.00	10%	\$ 17,080.56
North Valley Region	124211	CH 54 New Generator and ATS	2026	285,980	329,032	25,998	10%	Yes	16,603.77	10,704.80	5%	\$ 11,527.90
Los Altos	124217	LAS 2023 Control Valve Overhaul	2024	40,406	47,811	3,673	10%	Yes	(23,446.45)	\$ -	0%	\$ -
Los Altos	124218	LAS 2024 Control Valve Overhaul	2024	40,406	48,263	3,673	10%	Yes	(25,042.81)	\$ -	0%	\$ -
Los Altos	124221	LAS STA 14 Wildfire New Pump & Main	2024	630,227	752,782	105,038	20%	Yes	128,769.09	35,865.50	10%	\$ 36,762.14
North Valley Region	124222	CH 2024 Hydrants for City	2024	35,820	42,845	3,256	10%	Yes	4,577.29	\$ -	0%	\$ -
Rancho Dominguez	124224	RD Office Improvements 2023	2024	16,318	17,421	1,378	10%	Yes	(926.65)	\$ -	0%	\$ -
East Los Angeles	124226	ELA Vacuum Truck Replacement	2024	224,165	235,203	19,448	10%	Yes	(5,103.86)	\$ -	0%	\$ -
Rancho Dominguez	124228	RD Office Improvements 2024	2024	16,318	17,181	1,344	10%	Yes	(1,397.48)	\$ -	0%	\$ -
Palos Verdes Pipeline	124230	PV D-500 Main Replacement PDR	2025	1,313,400	1,521,402	218,900	20%	Yes	16,417.66	\$ -	0%	\$ -
LA County Region	124232	PV Sta 014 Rebuild - Design	2026	550,000	645,031	98,791	20%	No	N/A	64,104.85	5%	\$ 69,033.91
LA County Region	124233	PV Sta 015 Rebuild Design	2024	1,054,852	1,203,572	189,472	20%	No	N/A	\$ -	0%	\$ -
North Valley Region	124234	CH GAC Changeouts 2023-Sta 21&46	2024	209,511	243,830	19,046	10%	Yes	(3,442.23)	\$ -	0%	\$ -
North Valley Region	124236	CH 32 Panelboard Replacement	2026	300,483	348,303	27,317	10%	Yes	23,283.60	10,814.18	5%	\$ 11,645.69
North Valley Region	124237	CH Routine GAC Changeouts 2024	2024	400,023	478,473	36,315	10%	Yes	181,745.62	\$ -	0%	\$ -
Los Altos	124239	LAS New Well For Zone 375	2025	4,197,999	4,815,278	-	0%			228,053.92	10%	\$ 239,599.15
North Valley Region	124241	CH New gas monitors	2024	6,304	6,626	573	10%	Yes	391.77	\$ -	0%	\$ -
LA County Region	124243	PV Sta 023 Rebuild Design	2024	1,300,000	1,496,056	233,506	20%	No	N/A	\$ -	0%	\$ -
Bay Area Region	124248	MPS 123-T4 - Tank Retrofits	2024	4,915	5,854	447	10%	Yes	627.98	\$ -	0%	\$ -
Bay Area Region	124249	MPS 027-T2 - Tank Retrofits	2025	134,618	156,921	12,238	10%	Yes	17,201.79	\$ -	0%	\$ -
LA County Region	124250	Antelope Valley WSFMP	2027	113,166	124,216	10,288	10%	Yes	3,813.48	\$ -	0%	\$ -
North Valley Region	124251	Chico WSFMP	2024	311,674	372,798	28,334	10%	Yes	17,848.99	\$ -	0%	\$ -
Salinas Valley Region	124252	SLN 2023 Additional Valve Truck	2024	143,167	150,137	13,015	10%	Yes	8,549.23	\$ -	0%	\$ -
Dixon	124253	Dixon WSFMP	2025	229,267	271,641	20,842	10%	Yes	13,129.29	\$ -	0%	\$ -
Los Altos	124254	LAS Station 17 New Generator	2026	293,388	340,525	26,672	10%	Yes	17,905.33	10,420.91	5%	\$ 11,222.18
South Bay Region	124255	Dominguez WSFMP	2026	307,488	358,366	27,954	10%	Yes	24,366.67	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
East Los Angeles	124256	East Los Angeles WSFMP	2026	307,488	359,386	27,954	10%	Yes	24,366.67	\$ -	0%	\$ -
South Bay Region	124257	Hermosa Redondo WSFMP	2026	307,488	360,443	27,954	10%	Yes	24,366.67	\$ -	0%	\$ -
Kern River Valley	124258	Kern River Valley WSFMP	2025	113,166	134,259	10,288	10%	Yes	3,813.48	\$ -	0%	\$ -
Marysville	124259	MRL 010-T2 - Seismic Retrofits	2024	358,650	425,472	32,604	10%	Yes	(38,949.11)	\$ -	0%	\$ -
Rancho Dominguez	124260	RD Slurry /Re-Stripe Back Park. Lot	2024	20,608	24,599	1,740	10%	Yes	(3,470.05)	\$ -	0%	\$ -
Livermore	124261	Livermore WSFMP	2025	311,674	365,744	28,334	10%	Yes	17,848.99	\$ -	0%	\$ -
Bakersfield	124262	BK 047-02 Well Liner Installation	2024	309,502	355,060	28,137	10%	Yes	34,887.60	22,619.60	10%	\$ 23,185.09
Marysville	124263	Marysville WSFMP	2025	119,122	138,556	10,829	10%	Yes	6,821.24	\$ -	0%	\$ -
North Valley Region	124264	Oroville WSFMP	2024	375,379	439,736	34,125	10%	Yes	244,003.90	\$ -	0%	\$ -
LA County Region	124265	Palos Verdes WSFMP	2024	307,488	354,869	27,954	10%	Yes	24,366.67	\$ -	0%	\$ -
Bay Area Region	124266	Redwood Valley WSFMP	2024	125,078	148,417	11,371	10%	Yes	4,214.94	\$ -	0%	\$ -
Stockton	124267	Stockton WSFMP	2025	229,267	268,160	20,842	10%	Yes	13,129.29	\$ -	0%	\$ -
Visalia	124268	Visalia WSFMP	2024	311,674	372,422	28,334	10%	Yes	25,015.03	\$ -	0%	\$ -
Los Altos	124269	LAS Station 119 New Generator	2026	279,842	320,980	25,440	10%	Yes	39,531.43	9,077.21	5%	\$ 9,775.16
LA County Region	124272	FMT Sta. 1 Panelboard Replacement	2026	274,687	302,684	24,971	10%	Yes	19,983.59	19,968.61	10%	\$ 21,504.01
CSS	124273	CSS PeopleSoft FS&PeopleTools Upgr.	2024	542,180	563,032	49,289	10%	Yes	(17,916.85)	\$ -	0%	\$ -
LA County Region	124274	PV 2023 Control Valve Replacement	2024	295,359	354,962	26,851	10%	Yes	62,698.59	\$ -	0%	\$ -
Los Altos	124279	LAS Sta 38 Wildfire New Main & PRV	2024	383,893	458,545	34,899	10%	Yes	124,147.64	19,042.00	10%	\$ 19,518.05
Bakersfield	124280	BKD 2022 chemical pump replacements	2024	20,038	24,116	1,822	10%	Yes	2,660.14	\$ -	0%	\$ -
LA County Region	124281	PVD 2024 Control Valve Replacem.	2024	384,605	462,218	34,964	10%	Yes	2,496.65	\$ -	0%	\$ -
Los Altos	124283	LAS 039-01: Well Renewal	2024	214,961	250,745	19,542	10%	Yes	105,018.71	\$ -	0%	\$ -
Bakersfield	124286	BK 2023 Chemical Pump Replace	2025	19,045	22,099	-	0%	Yes	876.46	\$ -	0%	\$ -
Los Altos	124288	LAS 104-02: Well Renewal	2024	295,626	353,113	32,986	10%	Yes	11,154.44	20,819.48	10%	\$ 21,339.97
Bakersfield	124290	BK 2024 chemical pump replace	2024	14,522	17,477	1,320	10%	Yes	(4,473.20)	\$ -	0%	\$ -
Bakersfield	124291	BK 040-02 - Replace Pump & Motor	2024	211,425	248,439	19,220	10%	Yes	66,583.15	\$ -	0%	\$ -
Stockton	124292	STK STA 66-02 Panelboard Replacemen	2025	412,093	478,261	42,550	10%	Yes	67,828.42	30,242.00	10%	\$ 31,773.00
Livermore	124293	LIV 020-01: Well Renewal	2025	253,165	297,084	23,015	10%	Yes	27,448.76	17,739.04	10%	\$ 18,637.08
North Valley Region	124294	ORO 010-01 Well Renewal	2024	209,327	250,568	19,030	10%	Yes	10,316.17	15,640.27	10%	\$ 16,031.28
Bakersfield	124295	BK 134-01 - Replace Pump & Motor	2024	225,295	264,736	20,481	10%	Yes	83,464.49	\$ -	0%	\$ -
Selma	124296	SEL 011-01 Well Renewal	2024	190,307	218,567	17,301	10%	Yes	24,317.80	\$ -	0%	\$ -
Bakersfield	124297	BK 042-02 - Replace Pump & Motor	2024	85,929	103,413	7,812	10%	Yes	10,980.13	\$ -	0%	\$ -
Visalia	124298	VIS 012-01 Well Renewal	2024	248,324	296,725	22,575	10%	Yes	12,238.09	18,554.08	10%	\$ 19,017.93
Visalia	124299	VIS 014-01 Well Renewal	2024	291,073	342,851	26,461	10%	Yes	25,821.33	20,337.69	10%	\$ 20,846.13
Willows	124300	WIL 007-01 Well Renewal	2024	329,097	396,741	29,918	10%	Yes	16,218.86	24,589.13	10%	\$ 25,203.86
LA County Region	124301	Leona Valley Portable Generator	2025	89,883	90,623	8,171	10%	Yes	7,561.59	\$ -	0%	\$ -
Bakersfield	124302	BK 079-01 Well Renewal	2025	322,836	379,307	29,349	10%	Yes	50,406.39	21,892.34	10%	\$ 23,000.64
Marysville	124304	MRL 009-01 Well Renewal	2024	204,620	238,004	18,602	10%	Yes	10,084.38	14,915.73	10%	\$ 15,288.62
Bakersfield	124306	BK 042-02 Well Renewal	2024	259,093	304,414	23,554	10%	Yes	33,107.53	\$ -	0%	\$ -
Bay Area Region	124308	SSF 2023 Control Valve Replacement	2024	135,021	158,444	12,275	10%	Yes	55,192.03	\$ -	0%	\$ -
Stockton	124311	STK STA 71 Panel and Genset Install	2027	427,390	481,535	38,945	10%	Yes	55,913.58	28,320.00	10%	\$ 31,259.98
Rancho Dominguez	124312	RD Replace Signage	2024	37,329	44,560	3,230	10%	Yes	(5,124.28)	\$ -	0%	\$ -
Bay Area Region	124313	SC Wildfire New Main 460 Zone	2024	452,307	538,754	41,119	10%	Yes	7,707.12	\$ -	0%	\$ -
Los Altos	124314	LAS 27 New Generator	2027	263,204	294,122	23,928	10%	Yes	15,499.71	9,383.79	5%	\$ 10,357.95

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bakersfield	124325	BK Sta 96 Isolation Valve install	2024	44,329	53,349	4,030	10%	Yes	(12,239.97)	\$ -	0%	\$ -
Bakersfield	124329	BK 2023 MISC PUMPING TOOLS	2024	20,096	23,400	1,696	10%	Yes	(5,225.58)	\$ -	0%	\$ -
Los Altos	124330	LAS Station 30 New Generator	2026	348,376	395,779	31,671	10%	Yes	48,276.40	11,241.50	5%	\$ 12,105.87
Bakersfield	124331	BK 2024 pumping tools	2024	20,096	24,185	1,827	10%	Yes	(6,190.04)	\$ -	0%	\$ -
Bay Area Region	124333	ARM 001 New Genset	2026	252,104	287,422	22,919	10%	Yes	30,641.96	8,398.86	5%	\$ 9,044.65
Los Altos	124334	LAS Land for New Well	2024	2,270,798	2,635,638	378,466	20%	No	N/A	\$ -	0%	\$ -
Los Altos	124336	LAS Station 31 New Generator	2026	289,229	328,584	-	0%	Yes	15,165.14	\$ -	0%	\$ -
South Bay Region	124339	HR 026 Sta Rebuild - Design	2024	205,818	247,124	35,439	20%	No	N/A	\$ -	0%	\$ -
Los Altos	124342	LAS STA 42 Wildfire Bstr Pmps-Dsgn	2024	348,115	415,810	58,019	20%	No	N/A	\$ -	0%	\$ -
LA County Region	124343	Antelope Valley Reliability Study	2025	134,870	150,865	12,261	10%	Yes	5,604.92	\$ -	0%	\$ -
North Valley Region	124344	Chico Reliability Study	2024	152,443	182,339	13,858	10%	Yes	21,052.98	\$ -	0%	\$ -
Dixon	124345	Dixon Reliability Study	2024	143,306	167,549	13,028	10%	Yes	11,916.08	\$ -	0%	\$ -
South Bay Region	124346	Dominguez Reliability Study	2024	136,141	162,521	12,376	10%	Yes	7,405.11	\$ -	0%	\$ -
East Los Angeles	124347	East Los Angeles Reliability Study	2024	136,141	162,984	12,376	10%	Yes	7,405.11	\$ -	0%	\$ -
South Bay Region	124348	Hermosa Redondo Reliability Study	2024	136,141	163,463	12,376	10%	Yes	7,405.11	\$ -	0%	\$ -
Bay Area Region	124349	MPS Sta 106 Slope Mitigation	2024	565,401	659,074	94,234	20%	Yes	112,635.02	\$ -	0%	\$ -
Kern River Valley	124350	Kern River Valley Reliability Study	2024	146,451	177,542	13,314	10%	Yes	18,245.06	\$ -	0%	\$ -
Livermore	124351	Livermore Reliability Study	2024	227,253	259,591	20,659	10%	Yes	30,167.92	\$ -	0%	\$ -
Marysville	124352	Marysville Reliability Study	2024	152,443	177,314	13,858	10%	Yes	21,052.98	\$ -	0%	\$ -
North Valley Region	124353	Oroville Reliability Study	2024	152,443	177,885	13,858	10%	Yes	21,052.98	\$ -	0%	\$ -
LA County Region	124354	Palos Verdes Reliability Study	2024	136,141	163,614	12,376	10%	Yes	7,405.11	\$ -	0%	\$ -
Stockton	124356	Stockton Reliability Study	2024	300,611	336,905	27,328	10%	Yes	24,996.16	\$ -	0%	\$ -
Westlake	124357	Westlake Reliability Study	2024	136,141	158,277	12,376	10%	Yes	7,405.11	\$ -	0%	\$ -
Bakersfield	124358	BK 2022 GAC Media Replacement	2024	376,432	453,023	32,658	10%	Yes	(524,858.61)	\$ -	0%	\$ -
Bay Area Region	124360	SC Wildfire New Main 600 Zone	2025	1,024,212	1,176,207	93,099	10%	Yes	73,976.39	\$ -	0%	\$ -
Bakersfield	124364	BK 2023 GAC Media Replacement	2024	447,116	511,059	38,791	10%	Yes	136,974.20	\$ -	0%	\$ -
Bakersfield	124365	BK 2024 GAC Media Replacement	2024	83,309	100,260	7,228	10%	Yes	10,729.44	\$ -	0%	\$ -
East Los Angeles	124368	ELA Sta. 12 Panelboard Replacement	2025	399,868	460,195	36,352	10%	Yes	139,172.68	21,473.05	10%	\$ 22,560.12
Bay Area Region	124372	SC Wildfire New Main 345 Zone	2024	2,116,317	2,504,791	192,393	10%	Yes	405,009.58	\$ -	0%	\$ -
Visalia	124373	VIS 2022 - GAC Media Replacement	2024	607,595	726,020	55,236	10%	Yes	48,498.16	\$ -	0%	\$ -
Visalia	124378	VIS 2024 GAC Media Replacement	2024	146,341	174,864	13,304	10%	Yes	19,426.82	\$ -	0%	\$ -
South Bay Region	124379	HR SCADA and Meters HR-PV	2026	371,292	428,017	33,186	10%	Yes	18,058.36	\$ -	0%	\$ -
Bear Gulch	124381	BG Wildfire New Main Tynan Way	2025	200,000	232,157	18,182	10%	Yes	(698,688.09)	64,276.00	10%	\$ 67,529.97
Bay Area Region	124383	MPS El Camino Real Main Connection	2024	387,786	452,124	64,631	20%	Yes	164,771.09	\$ -	0%	\$ -
South Bay Region	124387	HR 29 SCADA Communications Relocate	2024	32,484	38,357	2,682	10%			\$ -	0%	\$ -
Willows	124390	Willows Reliability Study	2024	121,778	143,327	11,071	10%	Yes	16,817.82	\$ -	0%	\$ -
South Bay Region	124395	Relocate SCADA WB-39 Connection	2024	37,170	44,372	3,224	10%	Yes	(18,641.28)	\$ -	0%	\$ -
Bay Area Region	124396	SM Wildfire New Main 465 Zone	2024	1,076,006	1,262,667	97,819	10%	Yes	95,598.63	\$ -	0%	\$ -
Bear Gulch	124399	BG Wildfire Pmp Sta Kngs Mt-Design	2024	736,000	876,707	121,890	20%	No	N/A	\$ -	0%	\$ -
CSS	124406	CSS 2023 AM Large Tools	2024	98,911	102,715	-	0%	Yes	(3,394.08)	\$ -	0%	\$ -
East Los Angeles	124407	ELA Sta. 55 Panelboard Replacement	2026	354,195	403,083	32,200	10%	Yes	27,083.77	25,645.40	10%	\$ 27,617.29
South Bay Region	124408	DOM 290 Asphalt Replacement	2024	24,116	28,790	2,087	10%	Yes	(3,310.26)	\$ -	0%	\$ -
CSS	124409	CSS 2024 AM Large Tools	2024	101,383	105,283	-	0%	Yes	(3,478.84)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bay Area Region	124410	SSF Wildfire New Main 555 Zone	2025	2,230,549	2,550,560	202,757	10%	Yes	441,764.67	\$ -	0%	\$ -
Bakersfield	124412	BK 2022 Flat to Meter	2024	2,776,370	3,301,844	252,397	10%	Yes	354,782.77	\$ -	0%	\$ -
Westlake	124413	WLK 2024 Flowmeter Replacement	2024	163,562	190,158	9,230	10%	Yes	15,489.60	\$ -	0%	\$ -
South Bay Region	124415	DOM 272 Asphalt Replacement	2024	35,715	42,636	3,015	10%	Yes	(6,014.04)	\$ -	0%	\$ -
Bay Area Region	124417	SSF Wildfire New Main 390 Zone	2024	1,544,468	1,800,712	140,052	10%	Yes	136,864.82	\$ -	0%	\$ -
Bay Area Region	124418	SSF New Main	2024	760,632	894,501	126,772	20%	Yes	59,922.54	\$ -	0%	\$ -
Bakersfield	124419	BK 2023 Flat to Meter	2024	1,983,966	2,387,634	180,361	10%	Yes	(547,803.67)	\$ -	0%	\$ -
Bakersfield	124420	BK 2024 Flat to Meter	2024	2,023,646	2,383,352	183,968	10%	Yes	(623,319.83)	\$ -	0%	\$ -
Bay Area Region	124424	SC-117 Sta Rebuild - Design	2024	286,672	338,571	50,260	20%	No	N/A	\$ -	0%	\$ -
Bay Area Region	124426	BAY Zone Interie at Polhemus Rd	2024	1,069,152	1,273,493	178,192	20%	Yes	122,673.41	\$ -	0%	\$ -
Bay Area Region	124427	MPS SM-17 Sta Rebuild - Design	2025	118,593	135,866	19,766	20%	No	N/A	\$ -	0%	\$ -
Kern River Valley	124428	KRV Kernville 001 Repl AP6 Filters	2024	104,112	126,215	9,465	10%	Yes	6,576.69	\$ -	0%	\$ -
South Bay Region	124429	HR 027 Sta Rebuild - Design	2024	281,542	338,047	48,377	20%	No	N/A	\$ -	0%	\$ -
Kern River Valley	124431	KRV 001 Replace AP4 Filters	2024	52,056	63,107	4,732	10%	Yes	3,288.34	\$ -	0%	\$ -
Kern River Valley	124432	Arden 007 Partial Rebuild	2025	389,030	446,857	34,316	10%	Yes	40,172.87	27,121.14	10%	\$ 28,494.15
Kern River Valley	124433	KRV Arden 009 Sta Rebuild - Design	2024	250,869	296,914	41,812	20%	No	N/A	\$ -	0%	\$ -
Kern River Valley	124434	KRV Arden 012 Station Rebuild	2024	295,359	341,740	25,425	10%	Yes	19,267.46	\$ -	0%	\$ -
Bear Gulch	124437	BG Land For New Booster Station	2024	400,000	476,471	66,667	20%	No	N/A	\$ -	0%	\$ -
Livermore	124440	LIV Pressure Vessels Ladder/Plat	2025	52,661	61,796	4,787	10%	Yes	6,729.12	\$ -	0%	\$ -
East Los Angeles	124441	ELA Sta. 59 Panelboard Replacement	2026	291,998	332,301	26,545	10%	Yes	22,327.80	21,142.02	10%	\$ 22,767.64
Bay Area Region	124442	SSF Wildfire 380 Zone SFPUC Conn.	2025	500,003	570,503	45,455	10%	Yes	67,263.10	\$ -	0%	\$ -
South Bay Region	124444	DOM PRV/Vault @ 1610 E. Sepulveda	2024	230,380	275,022	20,066	10%	Yes	(31,651.00)	\$ -	0%	\$ -
South Bay Region	124449	HR 029 Chemical Building	2024	528,579	621,102	102,556	20%	Yes	104,485.33	41,020.29	10%	\$ 42,045.80
Bay Area Region	124452	SSF STA 1 Wildfire Booster Pump	2024	717,300	850,776	65,209	10%	Yes	(21,671.00)	55,528.65	10%	\$ 56,916.87
Bay Area Region	124455	BAY Extend 345 Zone at Nevada Ave	2024	939,397	1,092,885	156,566	20%	Yes	180,858.83	\$ -	0%	\$ -
Bay Area Region	124462	Wildfire SC-121 Station Rebuild	2026	1,666,083	1,937,446	277,681	20%	Yes	411,018.41	\$ -	0%	\$ -
South Bay Region	124465	DOM WB 10 connection overhaul	2024	201,916	240,489	17,472	10%	Yes	24,560.70	\$ -	0%	\$ -
CSS	124473	CSS Automate HR Bidding Process	2024	293,839	305,140	26,713	10%	Yes	11,636.15	\$ -	0%	\$ -
South Bay Region	124478	HR Via Colusa PBC	2024	144,305	173,267	24,051	20%	Yes	20,821.58	\$ -	0%	\$ -
East Los Angeles	124479	ELA Sta. 12 Genset Replacement	2025	332,515	380,712	30,229	10%	Yes	117,968.81	17,240.81	10%	\$ 18,113.63
South Bay Region	124482	DOM WB 21 connection overhaul	2024	204,289	243,315	17,246	10%	Yes	22,079.73	\$ -	0%	\$ -
CSS	124483	CSS Digitize Hist. Personnel Rec.	2024	234,597	243,620	21,327	10%	Yes	(7,752.56)	\$ -	0%	\$ -
CSS	124485	CSS Integrate Data- Dashboard Tool	2024	568,720	590,593	51,702	10%	Yes	3,237.89	\$ -	0%	\$ -
South Bay Region	124487	HR Sta 30 Manual Transfer Switch	2024	71,922	84,208	6,538	10%	Yes	7,981.26	\$ -	0%	\$ -
CSS	124488	CSS Procurement Process Improvm.	2024	807,431	838,485	73,403	10%	Yes	(26,682.28)	\$ -	0%	\$ -
CSS	124489	CSS Inventory Management System	2024	531,336	551,772	48,303	10%	Yes	(17,558.57)	\$ -	0%	\$ -
CSS	124492	CSS SCADA security system	2024	236,967	242,800	21,542	10%	Yes	21,544.92	\$ -	0%	\$ -
CSS	124496	CSS Zoom Video Conference	2024	539,016	559,747	49,002	10%	Yes	(17,811.94)	\$ -	0%	\$ -
Salinas Valley Region	124498	KC 2023 Hydrant Replacements	2024	82,700	96,560	7,518	10%	Yes	31,230.02	\$ -	0%	\$ -
Salinas Valley Region	124499	KC 2024 Hydrant Replacements	2024	59,066	69,956	5,370	10%	Yes	6,308.78	\$ -	0%	\$ -
South Bay Region	124500	DOM WB 14 connection overhaul	2024	228,447	267,077	19,285	10%	Yes	(38,467.79)	\$ -	0%	\$ -
South Bay Region	124501	DOM WB 35 connection overhaul	2024	173,080	205,670	15,290	10%	Yes	(33,311.93)	\$ -	0%	\$ -
South Bay Region	124502	DOM WB 36 connection overhaul	2024	206,920	245,881	17,278	10%	Yes	(41,135.14)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
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South Bay Region	124503	DOM WB 39 connection overhaul	2024	205,148	243,775	16,819	10%	Yes	(41,189.37)	\$ -	0%	\$ -
Kern River Valley	124508	KRV SM 005 Sta Rebuild - Design	2024	500,874	592,805	83,479	20%	No	N/A	\$ -	0%	\$ -
Kern River Valley	124509	KRV 005-T1 Tank Mixing	2024	124,382	150,787	11,307	10%	Yes	(10,490.50)	\$ -	0%	\$ -
Kern River Valley	124510	Kernville 006-T1 Tank Mixing	2024	122,173	148,110	11,107	10%	Yes	1,831.75	\$ -	0%	\$ -
Kern River Valley	124511	Kernville 001 Site Access Upgrade	2024	84,388	99,772	7,672	10%	Yes	20,271.89	\$ -	0%	\$ -
Kern River Valley	124512	Bodfish 013 Vessel Replacement	2024	38,819	46,228	3,529	10%	Yes	4,849.69	\$ -	0%	\$ -
Kern River Valley	124513	Bodfish 104 Vessel Replacement	2024	29,198	35,397	2,654	10%	Yes	(4,770.60)	\$ -	0%	\$ -
Kern River Valley	124514	KRV Arden 001 Backwash Retrofit	2024	12,658	14,966	-	0%	Yes	(536.72)	\$ -	0%	\$ -
CSS	124544	CSS PC Refresh 2023	2024	568,720	590,593	51,702	10%	Yes	(665,729.62)	\$ -	0%	\$ -
CSS	124545	CSS PC Refresh 2024	2024	708,852	736,114	64,441	10%	Yes	253,232.73	\$ -	0%	\$ -
Bay Area Region	124546	LUC 003-T1 - CP Upgrade	2025	15,349	18,161	1,395	10%	Yes	1,961.21	\$ -	0%	\$ -
CSS	124552	CSS 2024 Website Enhancements	2024	104,265	108,275	9,479	10%	Yes	(6,115.92)	\$ -	0%	\$ -
CSS	124576	CSS 2023 Network Hardware Replacmt.	2024	350,711	364,199	31,883	10%	Yes	46,381.66	\$ -	0%	\$ -
Los Altos	124598	LAS Sta. 31 Redwood Tank Replace	2026	1,012,658	1,131,615	92,060	10%	Yes	286,980.01	54,529.82	10%	\$ 58,722.65
Willows	124599	WIL 002-T1 - Seismic/Geotech Study	2024	97,046	112,103	8,822	10%	Yes	49,431.28	\$ -	0%	\$ -
CSS	124601	CSS 2024 Network Hardware Replacem.	2024	300,547	312,106	27,322	10%	Yes	(11,390.37)	\$ -	0%	\$ -
CSS	124605	CSS SCADA Server & Network Replace	2024	331,754	344,513	30,159	10%	Yes	27,072.27	\$ -	0%	\$ -
CSS	124609	CSS 2023 SCADA Server Replacement	2024	325,118	337,623	29,556	10%	Yes	19,281.49	\$ -	0%	\$ -
CSS	124611	CSS 2024 SCADA Server Replacement	2024	303,100	314,757	27,555	10%	Yes	(11,487.19)	\$ -	0%	\$ -
CSS	124612	CSS UPS and Storage Replacement	2024	517,774	537,688	47,070	10%	Yes	(6,623.01)	\$ -	0%	\$ -
Los Altos	124619	LAS Sta. 15 Redwood Tank Replace	2024	865,780	1,012,045	78,707	10%	Yes	110,218.70	54,039.59	10%	\$ 55,390.58
Los Altos	124621	LAS-115 Redwood Tank Replacement	2024	825,395	962,519	75,036	10%	Yes	68,611.39	54,127.00	10%	\$ 55,480.18
Bay Area Region	124622	MPS 109-T2 - Tank Retrofits	2025	56,431	65,780	5,224	10%	Yes	7,301.21	\$ -	0%	\$ -
Bay Area Region	124624	SSF 101-T1 - Tank Retrofits	2024	11,020	13,126	1,002	10%	Yes	1,408.13	\$ -	0%	\$ -
Dixon	124632	DIX 001-T1 - Seismic/Geotech Study	2024	97,046	115,076	8,822	10%	Yes	51,385.37	\$ -	0%	\$ -
CSS	124633	CSS Portable Booster Pumps	2024	105,734	124,964	-	0%	Yes	(82,003.69)	\$ -	0%	\$ -
Marysville	124634	MRL 010-T2 - Seismic/Geotech Study	2024	97,046	111,701	8,822	10%	Yes	48,044.44	\$ -	0%	\$ -
Visalia	124636	VIS Elev Tanks Seismic/Geotech Stud	2024	138,481	163,115	12,589	10%	Yes	40,122.25	\$ -	0%	\$ -
Stockton	124639	STK 082-T7 - Seismic/Geotech Study	2024	97,046	114,463	-	0%	Yes	40,670.94	\$ -	0%	\$ -
CSS	124667	CSS Meter Reading Handheld Replace	2024	355,450	367,480	32,314	10%	Yes	23,727.24	\$ -	0%	\$ -
CSS	124669	CSS EAM GIS Modernization	2024	1,107,240	1,149,824	100,658	10%	Yes	45,295.98	\$ -	0%	\$ -
CSS	124682	CSS Cust. Serv. Analytics Software	2024	206,635	214,582	18,785	10%	Yes	7,983.77	\$ -	0%	\$ -
Bay Area Region	124688	MPS 032-T1 - Tank Retrofits	2025	14,282	16,649	1,298	10%	Yes	1,825.04	\$ -	0%	\$ -
Visalia	124689	VIS 201-PT1 - Pressure Vessel Rplcm	2025	363,705	416,222	33,064	10%	Yes	50,641.56	12,831.61	5%	\$ 13,481.21
Livermore	124690	LIV 2022 Physical Security Upgrades	2024	404,196	484,672	36,772	10%	Yes	50,857.84	\$ -	0%	\$ -
CSS	124691	CSS EWWM-Buildout of Integration	2024	1,137,441	1,181,187	103,404	10%	Yes	338,262.13	\$ -	0%	\$ -
CSS	124692	CSS EAM-Work Digitization,Analytics	2024	1,895,735	1,968,644	172,339	10%	Yes	78,681.03	\$ -	0%	\$ -
CSS	124693	CSS CC&B Cloud Upgrade	2024	13,383,247	13,897,966	1,216,659	10%	Yes	547,496.67	\$ -	0%	\$ -
CSS	124699	CSS Customer Feedback Mngmt. System	2024	549,763	570,907	49,978	10%	Yes	11,208.12	\$ -	0%	\$ -
CSS	124700	CSS Compliance Monitorng Analytics	2024	104,015	108,016	9,456	10%	Yes	(3,437.31)	\$ -	0%	\$ -
CSS	124702	CSS Op. Data Management System	2024	1,706,161	1,771,780	155,106	10%	Yes	60,051.29	\$ -	0%	\$ -
CSS	124703	CSS LIMS Software Enhancements	2024	280,763	291,561	25,524	10%	Yes	11,485.73	\$ -	0%	\$ -
Livermore	124725	LIV 2023 Physical Security Upgrades	2024	61,603	73,869	5,589	10%	Yes	(341,047.61)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bakersfield	124729	BK 045-T1 - Tank Roof Replacement	2024	491,641	568,183	44,695	10%	Yes	62,823.04	\$ -	0%	\$ -
Los Altos	124733	LAS New Operations Building	2024	6,773,165	7,719,835	1,171,648	20%	Yes	1,782,845.58	382,531.86	10%	\$ 392,095.16
Los Altos	124735	LAS Covington Ph2 New 16" Main	2024	1,867,371	2,204,365	311,229	20%	Yes	438,078.18	110,941.62	10%	\$ 113,715.16
Visalia	124743	VIS Property Purchase	2024	542,920	648,740	49,356	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	124745	BKD 147 Storage Tank Replacement	2025	987,183	1,145,510	85,986	10%	Yes	95,192.80	70,025.33	5%	\$ 73,570.36
Bay Area Region	124748	SSF-1 Treatment Plant Automation	2024	521,165	594,649	82,944	20%	Yes	472,220.68	\$ -	0%	\$ -
Stockton	124751	STK STA 75 GAC Media Replacment	2024	154,556	185,167	14,023	10%	Yes	20,490.81	\$ -	0%	\$ -
CSS	124754	CSS Recycled Water Strategic Plan	2024	136,305	161,096	12,391	10%	Yes	11,333.35	\$ -	0%	\$ -
Bay Area Region	124760	BAY Misc Tools Equipment 2022	2024	37,233	38,968	-	0%	Yes	(4,036.45)	\$ -	0%	\$ -
Bay Area Region	124761	BAY 2023 Misc Equipment	2024	38,350	40,136	-	0%	Yes	(5,220.13)	\$ -	0%	\$ -
Bay Area Region	124762	BAY 2024 Misc Tools-Equipment	2024	39,900	41,758	-	0%	Yes	(6,564.39)	\$ -	0%	\$ -
Livermore	124768	LIV 2024 Physical Security Upgrades	2024	375,980	440,145	35,426	10%	Yes	65,117.01	\$ -	0%	\$ -
Salinas Valley Region	124771	SLN 057-PT1 - Pressure Vessel Rplcm	2024	506,329	602,934	46,030	10%	Yes	245,130.83	10,705.79	5%	\$ 10,973.43
Salinas Valley Region	124774	SLN 060-PT1 - Pressure Vessel Rplcm	2024	327,522	390,902	29,775	10%	Yes	41,219.32	11,169.29	5%	\$ 11,448.52
Salinas Valley Region	124775	SLN 033-PT1 Pressure Vessel Rplcmnt	2024	653,078	770,575	59,371	10%	Yes	355,927.14	12,179.22	5%	\$ 12,483.70
South Bay Region	124776	HR 029 AMMONIA INJECTION	2025	599,304	692,528	99,884	20%	Yes	122,869.91	38,286.05	10%	\$ 40,224.28
CSS	124805	CSS Next Generation Vulnerab. Scan	2024	312,796	324,826	28,436	10%	Yes	(10,336.56)	\$ -	0%	\$ -
LA County Region	124813	PV Station 37 Mixing and Dosing	2024	155,103	182,420	25,850	20%	Yes	(278,942.40)	18,228.58	5%	\$ 18,684.29
LA County Region	124814	PV Station 49 Mixing and Dosing T-2	2024	174,327	205,030	29,055	20%	Yes	(271,387.96)	18,718.69	5%	\$ 19,186.66
CSS	124815	CSS OPEN OFFICE ACOUSTICS	2024	584,307	663,164	97,385	20%	Yes	113,988.94	\$ -	0%	\$ -
CSS	124817	CSS ADDITIONAL EV CHARGERS	2024	324,680	372,411	54,113	20%	Yes	66,566.23	\$ -	0%	\$ -
Bakersfield	124819	BK 2023 NEWTP Filter Modules	2024	337,553	397,553	27,194	10%	Yes	45,766.83	\$ -	0%	\$ -
Bakersfield	124820	BK 2024 NEWTP Filter Modules	2024	337,553	397,553	26,531	10%	Yes	37,832.93	\$ -	0%	\$ -
Bakersfield	124822	BK NEWTP Traveling Screen Rebuild	2024	113,924	137,104	9,884	10%	Yes	(48,544.14)	\$ -	0%	\$ -
Bakersfield	124823	BK NWWTP Traveling Screen Rebuild	2024	147,679	177,727	12,812	10%	Yes	65,832.07	\$ -	0%	\$ -
Bakersfield	124824	BK NEWTP CIP Neutralization Tank	2024	189,873	228,506	30,316	20%	Yes	16,160.78	\$ -	0%	\$ -
Bakersfield	124826	BK NWWTP Algal Toxin Study	2024	125,667	151,235	10,903	10%	Yes	16,184.61	\$ -	0%	\$ -
Bakersfield	124828	BK NEWTP Algal Toxin Study	2024	100,149	120,526	8,689	10%	Yes	(4,102.73)	\$ -	0%	\$ -
South Bay Region	124830	DOM Sta 203 Tank Mixing & Dosing	2024	908,749	1,056,786	151,458	20%	Yes	48,753.43	67,423.31	10%	\$ 69,108.89
South Bay Region	124843	HR 005 Tank Mix & Boost	2024	443,399	521,012	65,547	20%	Yes	(76,914.90)	18,491.10	5%	\$ 18,953.38
South Bay Region	124844	HR Sta 026 Tank Mix & Boost	2025	393,959	448,843	65,660	20%	Yes	(396,005.39)	63,481.23	10%	\$ 66,694.97
CSS	124853	CSS Energy Efficiency - HVAC	2024	792,522	909,862	132,087	20%	Yes	200,246.08	\$ -	0%	\$ -
CSS	124855	CSS Media Center - Furniture	2024	50,479	52,420	4,589	10%	Yes	3,014.37	\$ -	0%	\$ -
CSS	124856	CSS Replace Building Eaves	2024	297,671	344,293	49,612	20%	Yes	69,835.18	\$ -	0%	\$ -
CSS	124857	CSS Access Control System	2024	244,272	282,531	38,094	20%	Yes	29,770.39	\$ -	0%	\$ -
Bay Area Region	124862	RDV-COS PALL unit expansion	2024	24,182	23,834	2,198	10%	Yes	2,688.16	\$ -	0%	\$ -
Livermore	124885	LIV 028-A Replace Pump & Motor	2024	52,330	62,749	5,205	10%	Yes	7,115.96	\$ -	0%	\$ -
Livermore	124887	LIV 028-B Replace Pump & Motor	2024	52,330	62,749	5,205	10%	Yes	7,115.96	\$ -	0%	\$ -
CSS	124888	LIV Portable Booster Pump	2024	94,286	111,435	-	0%	Yes	(2,721.56)	\$ -	0%	\$ -
Bay Area Region	124895	RDV-COS STA 08 Tank MaintenanceArea	2024	20,329	20,036	1,848	10%	Yes	2,325.60	\$ -	0%	\$ -
Stockton	124896	STK Sta 85 Treatment Design	2024	230,567	271,946	38,428	20%	No	N/A	\$ -	0%	\$ -
LA County Region	124904	PV 27in Pipe CP System Upgrade	2024	71,730	84,737	6,521	10%	Yes	(13,067.13)	\$ -	0%	\$ -
CSS	124910	CSS-WATER QUALITY SATELLITE LAB	2026	2,870,664	3,312,307	458,341	20%	Yes	(212,041.72)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
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Stockton	124923	STK Outfitt Hydrant Foreman Equip.	2024	293,123	308,564	26,647	10%	Yes	66,800.15	\$ -	0%	\$ -
LA County Region	124925	AV 2022 Analyzer Replacements	2024	37,781	43,184	3,435	10%	Yes	4,827.74	\$ -	0%	\$ -
East Los Angeles	124927	ELA-New Forklift for New Warehouse	2024	48,296	50,803	4,391	10%	Yes	2,884.03	\$ -	0%	\$ -
Bay Area Region	124949	SC and SM Nitrification Evaluation	2024	127,490	151,857	24,087	20%	Yes	26,986.00	\$ -	0%	\$ -
LA County Region	124959	PV 015-PT1 - Saddle Retrofit	2024	12,613	15,158	1,147	10%	Yes	1,611.71	\$ -	0%	\$ -
South Bay Region	124960	HR 023 Tank Mixing & Boosting	2025	222,316	255,453	32,865	20%	Yes	(285,307.56)	18,491.10	5%	\$ 19,427.21
Bay Area Region	124965	MPS-027 T1,T2,T3 Nitrification Cont	2025	1,179,271	1,348,121	51,051	10%	Yes	603,730.04	18,531.18	5%	\$ 19,469.32
CSS	124968	CSS-SC RCC PHASE 2 OFFICE SP. BUILD	2024	412,889	470,013	65,923	20%	Yes	79,147.89	\$ -	0%	\$ -
Bay Area Region	124970	MPS-029 T1 Nitrification Control	2025	718,143	822,946	65,158	10%	Yes	359,167.98	18,531.18	5%	\$ 19,469.32
Bear Gulch	124975	BG 2024 Analyzers Replacement	2024	92,067	109,669	8,370	10%	Yes	11,764.58	\$ -	0%	\$ -
CSS	124978	CSS Energy Management System	2024	299,163	341,187	49,861	20%	Yes	(140,776.56)	\$ -	0%	\$ -
Bakersfield	124979	BK 2022 Analyzer Replacements	2024	12,725	15,314	1,157	10%	Yes	1,626.14	\$ -	0%	\$ -
Bakersfield	124983	BK 2023 Analyzers Replacement	2024	5,122	6,165	466	10%	Yes	654.59	\$ -	0%	\$ -
Bakersfield	124986	BK 2024 Analyzers Replacement	2024	6,997	8,421	636	10%	Yes	894.06	\$ -	0%	\$ -
Bay Area Region	124989	SC 106 Nitrification Control	2025	1,018,565	1,169,722	92,597	10%	Yes	531,969.52	18,531.18	5%	\$ 19,469.32
Bay Area Region	124991	SC 123 Nitrification Control	2026	531,000	608,337	48,273	10%	Yes	44,404.96	18,531.18	5%	\$ 19,956.05
North Valley Region	124992	CH 2023 Analyzers Replacement	2024	42,194	49,478	3,836	10%	Yes	(13,572.20)	\$ -	0%	\$ -
Bay Area Region	124993	SSF-14 Res 11 Nitrification Control	2024	411,602	490,270	33,899	10%	Yes	(91,842.18)	18,531.18	5%	\$ 18,994.46
North Valley Region	124997	CH 2024 Analyzers Replacement	2024	6,454	7,587	587	10%	Yes	(3,863.42)	\$ -	0%	\$ -
Los Altos	125008	LAS Sta. 30 Redwood Tank Replace	2024	851,341	992,776	77,395	10%	Yes	113,016.02	54,127.00	10%	\$ 55,480.18
Livermore	125014	LIV 2022 SB1398 Service Replacement	2024	79,129	94,883	6,847	10%	Yes	9,778.73	\$ -	0%	\$ -
Livermore	125015	LIV 2023 SB1398 Service Replacement	2024	93,584	112,217	7,899	10%	Yes	11,374.68	\$ -	0%	\$ -
Marysville	125018	MRL 2023 SB1398 Service Replacement	2024	131,019	156,097	11,060	10%	Yes	15,926.04	\$ -	0%	\$ -
Stockton	125020	STK 2022 SB1398 Service Replacement	2024	273,907	320,374	23,701	10%	Yes	33,849.41	\$ -	0%	\$ -
Stockton	125022	STK 2023 SB1398 Service Replacement	2024	280,755	323,008	23,701	10%	Yes	34,127.14	\$ -	0%	\$ -
Bay Area Region	125025	BAY SM STA 028 Wildfire Generator	2026	257,890	299,894	27,541	10%	Yes	22,810.08	10,464.27	5%	\$ 11,268.87
South Bay Region	125026	DOM 2022 Analyzer Replacement	2024	70,886	82,873	6,444	10%	Yes	64,712.22	\$ -	0%	\$ -
South Bay Region	125028	DOM 2023 Analyzer Replacement	2024	29,182	34,836	2,653	10%	Yes	3,728.89	\$ -	0%	\$ -
CSS	125030	CSS Dist. System Integrity Tools	2024	75,753	78,666	6,275	10%	Yes	723.83	\$ -	0%	\$ -
South Bay Region	125033	DOM 2024 Analyzer Replacement	2024	29,911	35,708	2,719	10%	Yes	3,822.13	\$ -	0%	\$ -
East Los Angeles	125035	ELA 2022 Analyzer Replacement	2024	22,447	26,602	2,041	10%	Yes	2,873.33	\$ -	0%	\$ -
East Los Angeles	125038	ELA 2023 Analyzer Replacements	2024	21,926	26,250	1,993	10%	Yes	2,801.83	\$ -	0%	\$ -
LA County Region	125040	LEO 0004-T1: Tank Mixer	2025	72,215	81,095	12,036	20%	Yes	10,065.10	\$ -	0%	\$ -
CSS	125041	CSS AutoCAD AECC Subscriptions	2024	37,938	39,397	-	0%	Yes	(4,112.92)	\$ -	0%	\$ -
East Los Angeles	125042	ELA 2024 Analyzer Replacements	2024	15,800	18,916	1,436	10%	Yes	2,018.99	\$ -	0%	\$ -
LA County Region	125047	LAN 001: New Production Meter	2024	524,293	586,472	81,143	20%	Yes	101,539.03	17,504.45	5%	\$ 17,942.06
Kern River Valley	125048	KRV 2022 Analyzer Replacements	2024	22,796	27,636	2,072	10%	Yes	2,912.81	\$ -	0%	\$ -
Los Altos	125051	LAS 28 Tank Mixing and Dosing	2024	1,158,495	1,370,806	105,318	10%	Yes	444,854.32	52,317.36	10%	\$ 53,625.29
Salinas Valley Region	125052	SLN Wharfhead Replacements	2024	91,094	108,722	7,502	10%	Yes	11,349.78	\$ -	0%	\$ -
Kern River Valley	125056	KRV 2023 Analyzer Replacements	2024	35,012	42,445	3,183	10%	Yes	4,473.92	\$ -	0%	\$ -
Kern River Valley	125058	KRV 2024 Analyzer Replacements	2024	11,963	14,502	1,088	10%	Yes	1,528.66	\$ -	0%	\$ -
Salinas Valley Region	125060	SLN 155 Zone: New Well - Design	2026	1,136,027	1,323,707	189,338	20%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	125061	SLN 045 Wildfire Station Upgrade	2024	1,895,077	2,261,802	172,280	10%	Yes	250,978.18	124,502.24	10%	\$ 127,614.80

	[A]	[B]	[C]	[D]	[E]							
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CSS	125065	CSS GPS Basestations	2024	154,143	160,071	-	0%	Yes	(5,289.59)	\$ -	0%	\$ -
CSS	125068	CSS Three Dimensl. (3D) GIS - Pilot	2024	54,597	56,697	-	0%	Yes	(6,675.32)	\$ -	0%	\$ -
Livermore	125077	LIV 14 Analyzer Replacmt	2024	31,224	36,744	2,838	10%	Yes	4,020.57	\$ -	0%	\$ -
Livermore	125080	LIV 2023 Analyzer Replacements	2024	73,418	87,334	6,674	10%	Yes	7,585.75	\$ -	0%	\$ -
Marysville	125081	MRL 2022 Analyzer Replacements	2024	17,978	21,419	1,634	10%	Yes	2,297.37	\$ -	0%	\$ -
North Valley Region	125082	ORO 2024 Analyzer Replacement	2024	7,828	9,370	712	10%	Yes	1,000.16	\$ -	0%	\$ -
Bay Area Region	125086	RDV-LUC 2022 Analyzer Replacements	2024	27,468	33,211	2,497	10%	Yes	3,509.84	\$ -	0%	\$ -
CSS	125088	CSS RO Model Improvements	2024	278,460	285,315	25,315	10%	Yes	11,391.57	\$ -	0%	\$ -
Bay Area Region	125090	RDV-LUC 2023 Analyzer Replacements	2024	17,271	20,881	1,570	10%	Yes	5,340.05	\$ -	0%	\$ -
Bay Area Region	125093	RDV-LUC 2024 Analyzer Replacements	2024	26,145	31,611	2,377	10%	Yes	973.44	\$ -	0%	\$ -
Los Altos	125094	LAS Sta. 111 Tank Mixing and Dosing	2025	914,930	1,056,966	83,175	10%	Yes	398,142.40	19,721.45	5%	\$ 20,719.85
CSS	125096	CSS 2022 Portable Large Test Meter	2024	32,379	33,325	2,944	10%	Yes	6,113.22	\$ -	0%	\$ -
CSS	125099	CSS 2023 Portable Large Test Meter	2024	32,379	33,624	2,944	10%	Yes	5,456.58	\$ -	0%	\$ -
CSS	125100	CSS 2024 Portable Large Test Meter	2024	32,379	33,624	2,944	10%	Yes	4,783.50	\$ -	0%	\$ -
CSS	125105	CSS Install high volume printer	2024	14,087	14,629	1,281	10%	Yes	967.06	\$ -	0%	\$ -
Stockton	125106	STK 2022 Analyzer Replacement	2024	31,188	37,366	2,835	10%	Yes	3,985.33	\$ -	0%	\$ -
Stockton	125107	STK 2023 Analyzer Replacement	2024	31,968	37,481	2,906	10%	Yes	4,084.92	\$ -	0%	\$ -
Stockton	125108	STK 2024 Analyzer Replacement	2024	11,829	13,836	1,075	10%	Yes	1,511.54	\$ -	0%	\$ -
Willows	125110	WIL 2022 Analyzer Replacement	2024	11,270	13,587	1,033	10%	Yes	1,449.89	\$ -	0%	\$ -
Bay Area Region	125118	LUC Field Yard Land Acquisition	2024	133,143	157,162	12,104	10%	Yes	19,166.61	\$ -	0%	\$ -
Los Altos	125120	LAS Sta. 42 Tank Mixing and Dosing	2025	1,148,983	1,333,649	104,453	10%	No	N/A	21,641.41	5%	\$ 22,737.01
Livermore	125124	LIV 13-E Replace Pump & Motor	2025	59,072	68,214	5,370	10%	Yes	12,685.00	\$ -	0%	\$ -
Livermore	125126	LIV 19-01 Replace Pump & Motor	2024	84,388	101,190	7,672	10%	Yes	16,525.66	\$ -	0%	\$ -
Salinas Valley Region	125127	KC 010: New Bladder Tank	2024	460,237	545,090	41,840	10%	Yes	351,412.37	2,279.29	3%	\$ 2,336.27
Los Altos	125128	LAS Sta. 41 Tank Mixing and Dosing	2025	974,455	1,125,731	88,587	10%	Yes	613,801.78	13,452.66	5%	\$ 14,133.70
Bear Gulch	125130	BG 2022 Sample Sites	2024	86,323	102,172	14,387	20%	Yes	17,304.84	\$ -	0%	\$ -
Bear Gulch	125132	BG 2023 Sample Sites	2024	79,633	94,857	13,272	20%	Yes	15,963.84	\$ -	0%	\$ -
Los Altos	125134	LAS 2023 Sample Sites	2024	70,785	84,550	11,797	20%	Yes	14,190.06	\$ -	0%	\$ -
Livermore	125141	LIV 2022 Sample Site	2024	8,221	9,596	1,370	20%	Yes	1,648.04	\$ -	0%	\$ -
Bay Area Region	125152	SSF 2022 Sample Sites	2024	51,794	61,693	8,632	20%	Yes	10,382.99	\$ -	0%	\$ -
Bay Area Region	125153	SSF 2023 Sample Sites	2024	44,240	52,696	7,373	20%	Yes	8,868.73	\$ -	0%	\$ -
South Bay Region	125155	HR 2022 Sample Site	2024	7,810	9,378	1,302	20%	Yes	1,565.56	\$ -	0%	\$ -
Rancho Dominguez	125170	Car Port/Cover For Vehicle Maint.	2024	37,873	45,210	3,213	10%	Yes	(5,278.65)	\$ -	0%	\$ -
Rancho Dominguez	125171	Install Cover Over Spoils/Dump Area	2024	56,810	67,814	4,819	10%	Yes	(7,917.99)	\$ -	0%	\$ -
Salinas Valley Region	125173	SLN- SLNH 2022 Sample Site	2024	21,097	24,606	3,516	20%	Yes	14,523.86	\$ -	0%	\$ -
Kern River Valley	125176	KRV-SOLA 2022 Sample Sites	2024	23,430	27,300	3,905	20%	Yes	4,697.02	\$ -	0%	\$ -
Kern River Valley	125177	KRV-LBOD 2022 Sample Sites	2024	13,102	15,322	2,184	20%	Yes	613.24	\$ -	0%	\$ -
Rancho Dominguez	125186	RD Purch. Meter Reading Handhelds	2024	63,810	66,927	5,521	10%	Yes	469.15	\$ -	0%	\$ -
Los Altos	125187	LAS 32, 1, 121 Well Chloramination	2025	2,961,539	3,421,170	269,231	10%	Yes	1,363,924.13	119,452.72	10%	\$ 125,500.01
Bay Area Region	125189	BAY-SC 2022 Sample Site	2024	112,220	133,668	18,703	20%	Yes	22,496.39	\$ -	0%	\$ -
Bay Area Region	125190	BAY-SM 2022 Sample Site	2024	86,323	102,821	14,387	20%	Yes	17,304.84	\$ -	0%	\$ -
Rancho Dominguez	125195	RD 2022 Hand Tools	2024	7,109	7,456	-	0%	Yes	(3,397.27)	\$ -	0%	\$ -
Rancho Dominguez	125196	RD 2023 Hand Tools	2024	9,479	9,942	-	0%	Yes	(1,290.23)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Rancho Dominguez	125197	RD 2024 Hand Tools	2024	9,479	9,805	-	0%	Yes	(1,559.45)	\$ -	0%	\$ -
Rancho Dominguez	125198	RD 2022 Air Tools	2024	28,436	29,825	-	0%	Yes	(3,082.76)	\$ -	0%	\$ -
Rancho Dominguez	125199	RD 2023 Air Tools	2024	28,436	29,825	-	0%	Yes	(3,870.68)	\$ -	0%	\$ -
Rancho Dominguez	125200	RD 2024 Air Tools	2024	28,436	29,415	-	0%	Yes	(4,678.34)	\$ -	0%	\$ -
LA County Region	125243	PV Install Pump Shelter	2024	34,529	41,497	-	0%	Yes	(2,038.73)	\$ -	0%	\$ -
South Bay Region	125246	HR 28: Building Rebuild - Design	2024	22,390	26,883	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	125247	HR 008: Roof Replacement	2024	18,691	22,442	-	0%	Yes	860.19	\$ -	0%	\$ -
Bakersfield	125251	BK 49-03 GAC Treatment	2025	1,362,510	1,528,190	217,958	20%	Yes	266,070.84	44,939.99	10%	\$ 47,215.08
South Bay Region	125257	HR 023-T2 Tank Retrofits	2024	55,331	66,436	5,030	10%	Yes	7,070.30	\$ -	0%	\$ -
Salinas Valley Region	125260	KCD Replace Mainline Valves - 2023	2024	27,262	32,289	2,478	10%	Yes	(5,044.26)	\$ -	0%	\$ -
Salinas Valley Region	125261	KC 2024 Replace Mainline Valves	2024	27,944	33,378	2,301	10%	Yes	(5,481.51)	\$ -	0%	\$ -
Salinas Valley Region	125263	KC 2023 Valve Casings/Covers	2024	22,532	27,064	2,048	10%	Yes	2,609.18	\$ -	0%	\$ -
Salinas Valley Region	125264	KC 2024 Valve casings/covers	2024	17,232	20,583	1,567	10%	Yes	(3,188.45)	\$ -	0%	\$ -
CSS	125327	CSS Survey Equipment for Eng South	2024	30,332	31,498	-	0%	Yes	(5,241.77)	\$ -	0%	\$ -
Visalia	125328	VIS Chemical Shelter Replacement	2024	55,358	64,578	5,033	10%	Yes	7,349.05	\$ -	0%	\$ -
East Los Angeles	125358	ELA Main Office Improvements	2025	1,023,376	1,174,741	170,563	20%	Yes	262,325.50	\$ -	0%	\$ -
LA County Region	125371	AV-LEO 001 Replace Production Meter	2024	23,266	26,594	3,878	20%	Yes	4,770.14	1,486.36	10%	\$ 1,523.52
South Bay Region	125393	HR 2022 Vault Safety & Ops Imprvmt	2024	333,333	388,062	28,843	10%	Yes	31,934.47	\$ -	0%	\$ -
South Bay Region	125394	HR 2023 Vault Safety & Ops Imprvmt	2024	327,426	377,295	27,641	10%	Yes	31,878.18	\$ -	0%	\$ -
South Bay Region	125395	HR 2024 Vault Safety & Ops Imprvmt	2024	296,582	350,199	24,426	10%	Yes	(59,402.76)	\$ -	0%	\$ -
Bay Area Region	125404	LUC Field Yard Site Improvements	2024	39,923	48,269	6,654	20%	Yes	8,693.31	\$ -	0%	\$ -
Bear Gulch	125414	BG 2022 Physical Security Upgrades	2024	528,804	617,878	50,248	10%	Yes	49,162.10	\$ -	0%	\$ -
Bear Gulch	125415	BG 2023 Physical Security Upgrades	2024	117,300	139,725	14,104	10%	Yes	(260,414.66)	\$ -	0%	\$ -
Bakersfield	125421	BK 2022 Physical Security Upgrades	2024	965,039	1,133,986	87,731	10%	Yes	128,109.36	\$ -	0%	\$ -
Bakersfield	125422	BK 2023 Physical Security Upgrades	2024	61,603	70,627	5,600	10%	Yes	(769,992.11)	\$ -	0%	\$ -
Bakersfield	125423	BK 2024 Physical Security Upgrades	2024	600,450	693,932	54,586	10%	Yes	79,710.04	\$ -	0%	\$ -
North Valley Region	125424	CH 2022 Physical Security Upgrades	2024	101,266	118,449	9,206	10%	Yes	(25,685.73)	\$ -	0%	\$ -
North Valley Region	125425	CH 2023 Physical Security Upgrades	2024	188,788	220,821	20,004	10%	Yes	53,051.59	\$ -	0%	\$ -
North Valley Region	125426	CH 2024 Physical Security Upgrades	2024	99,406	118,901	9,037	10%	Yes	13,196.27	\$ -	0%	\$ -
North Valley Region	125431	CH-HC 2024 Analyzer Replacement	2024	11,829	14,149	1,075	10%	Yes	1,511.54	\$ -	0%	\$ -
Bay Area Region	125434	RDV-HWK 2023 Analyzer Replacement	2024	4,920	5,916	447	10%	Yes	628.66	\$ -	0%	\$ -
Dixon	125436	DIX 2022 Physical Security Upgrades	2024	112,965	136,765	10,270	10%	Yes	14,996.18	\$ -	0%	\$ -
Dixon	125439	DIX 2023 Physical Security Upgrades	2024	61,603	74,583	610	0%	Yes	(78,991.14)	\$ -	0%	\$ -
South Bay Region	125440	DOM 2022 Physical Security Upgrades	2024	163,713	191,261	14,883	10%	Yes	21,778.78	\$ -	0%	\$ -
South Bay Region	125441	DOM 2023 Physical Security Upgrades	2024	80,748	94,624	7,341	10%	Yes	10,719.32	\$ -	0%	\$ -
South Bay Region	125444	DOM 2024 Physical Security Upgrades	2024	105,132	125,504	10,315	10%	Yes	14,678.79	\$ -	0%	\$ -
East Los Angeles	125446	ELA 2023 Physical Security Upgrades	2024	111,383	133,345	4,796	10%	Yes	32,333.82	\$ -	0%	\$ -
East Los Angeles	125448	ELA 2024 Physical Security Upgrades	2024	123,709	148,101	5,188	10%	Yes	10,643.29	\$ -	0%	\$ -
South Bay Region	125451	HR 2022 Physical Security Upgrades	2024	210,970	241,151	19,179	10%	Yes	29,176.04	\$ -	0%	\$ -
South Bay Region	125453	HR 2023 Physical Security Upgrades	2024	61,603	72,127	5,600	10%	Yes	(142,002.19)	\$ -	0%	\$ -
South Bay Region	125458	HR 2024 Physical Security Upgrades	2024	200,256	230,900	18,205	10%	Yes	26,583.95	\$ -	0%	\$ -
Westlake	125459	WLK 7 Driveway & Wall - Design	2024	883,955	1,019,357	140,227	20%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	125462	KC 2023 Physical Security Upgrades	2024	42,194	49,407	3,836	10%	Yes	(12,845.80)	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Salinas Valley Region	125463	KC 2024 Physical Security Upgrades	2024	40,183	48,266	3,653	10%	Yes	5,334.33	\$ -	0%	\$ -
Los Altos	125465	LAS 2022 Physical Security Upgrades	2024	145,235	173,477	13,203	10%	Yes	12,903.54	\$ -	0%	\$ -
Los Altos	125466	LAS 2023 Physical Security Upgrades	2024	834,593	996,889	75,872	10%	Yes	110,792.36	\$ -	0%	\$ -
Salinas Valley Region	125472	SLN 2022 Toro Hydrant Repacement	2024	101,266	120,862	9,205	10%	Yes	9,256.17	\$ -	0%	\$ -
Marysville	125473	MRL 2023 Physical Security Upgrades	2024	61,603	73,395	5,600	10%	Yes	(8,084.10)	\$ -	0%	\$ -
Marysville	125474	MRL 2024 Physical Security Upgrades	2024	76,048	88,668	6,913	10%	Yes	10,095.43	\$ -	0%	\$ -
North Valley Region	125477	ORO 2022 Physical Security Upgrades	2024	179,720	215,128	15,800	10%	Yes	34,836.70	\$ -	0%	\$ -
Westlake	125478	WLK 2022 Physical Security Upgrades	2024	118,722	138,711	10,793	10%	Yes	15,760.34	\$ -	0%	\$ -
Westlake	125479	WLK 2023 Physical Security Upgrades	2024	61,603	70,588	5,600	10%	Yes	(35,292.82)	\$ -	0%	\$ -
Westlake	125480	WLK 2024 Physical Security Upgrades	2024	95,913	111,508	8,719	10%	Yes	12,732.62	\$ -	0%	\$ -
LA County Region	125481	PV 2022 Physical Security Upgrades	2024	175,527	210,949	15,957	10%	Yes	18,669.37	\$ -	0%	\$ -
LA County Region	125482	PV 2023 Physical Security Upgrades	2024	223,923	269,111	20,357	10%	Yes	(368,483.82)	\$ -	0%	\$ -
LA County Region	125483	PV 2024 Physical Security Upgrades	2024	146,780	176,400	13,344	10%	Yes	19,485.14	\$ -	0%	\$ -
Selma	125485	SEL 2022 Physical Security Upgrades	2024	132,489	154,489	10,961	10%	Yes	31,366.00	\$ -	0%	\$ -
Selma	125486	SEL 2024 Physical Security Upgrades	2024	165,895	193,044	15,082	10%	Yes	22,023.60	\$ -	0%	\$ -
Salinas Valley Region	125489	SLN 2023 Toro Hydrant Replacement	2024	75,949	90,647	6,904	10%	Yes	(27,791.52)	\$ -	0%	\$ -
Rancho Dominguez	125490	RD Replace 1st floor bathrooms	2024	13,924	16,621	1,205	10%	Yes	(1,911.26)	\$ -	0%	\$ -
Salinas Valley Region	125491	SLN 2022 Physical Security Upgrades	2024	320,878	382,972	29,171	10%	Yes	(4,705.59)	\$ -	0%	\$ -
Salinas Valley Region	125493	SLN 2023 Physical Security Upgrades	2024	61,603	73,525	5,600	10%	Yes	(285,667.52)	\$ -	0%	\$ -
Salinas Valley Region	125494	SLN 2024 Physical Security Upgrades	2024	244,515	291,832	22,229	10%	Yes	36,691.11	\$ -	0%	\$ -
Stockton	125495	STK 2022 Physical Security Upgrades	2024	611,472	715,204	55,588	10%	Yes	73,295.78	\$ -	0%	\$ -
Stockton	125496	STK 2023 Physical Security Upgrades	2024	61,603	70,546	5,600	10%	Yes	(34,326.55)	\$ -	0%	\$ -
Stockton	125497	STK 2024 Physical Security Upgrades	2024	791,922	926,267	71,993	10%	Yes	105,128.04	\$ -	0%	\$ -
Visalia	125499	VIS 2022 Physical Security Upgrades	2024	175,503	209,710	15,955	10%	Yes	11,637.64	\$ -	0%	\$ -
Visalia	125500	VIS 2023 Physical Security Upgrades	2024	61,603	73,610	5,600	10%	Yes	(227,753.19)	\$ -	0%	\$ -
Visalia	125501	VIS 2024 Physical Security Upgrades	2024	278,869	333,223	25,352	10%	Yes	37,020.03	\$ -	0%	\$ -
Willows	125502	WIL Physical Security Upgrades	2024	113,809	137,202	11,304	10%	Yes	16,021.94	\$ -	0%	\$ -
LA County Region	125503	AV 2022 Physical Security Upgrades	2024	60,111	68,708	5,465	10%	Yes	7,274.28	\$ -	0%	\$ -
LA County Region	125504	AV 2023 Physical Security Upgrades	2024	22,629	25,865	3,038	20%	Yes	3,939.17	\$ -	0%	\$ -
LA County Region	125505	AV 2024 Physical Security Upgrades	2024	155,087	177,268	13,464	10%	Yes	135,859.70	\$ -	0%	\$ -
Kern River Valley	125507	KRV 2023 Physical Security Upgrades	2024	129,430	151,915	11,766	10%	Yes	(77,189.28)	\$ -	0%	\$ -
Kern River Valley	125508	KRV 2024 Physical Security Upgrades	2024	69,573	84,343	6,325	10%	Yes	(126,902.71)	\$ -	0%	\$ -
Bay Area Region	125510	MPS 2022 Physical Security Upgrades	2024	345,096	402,269	31,372	10%	Yes	45,811.56	\$ -	0%	\$ -
Bay Area Region	125511	SSF 2022 Physical Security Upgrades	2024	255,740	297,394	23,249	10%	Yes	33,949.55	\$ -	0%	\$ -
Bay Area Region	125512	SSF 2023 Physical Security Upgrades	2024	89,451	104,271	8,132	10%	Yes	(66,043.38)	\$ -	0%	\$ -
Bay Area Region	125513	SSF 2024 Physical Security Upgrades	2024	122,564	145,990	11,142	10%	Yes	16,270.52	\$ -	0%	\$ -
Bay Area Region	125515	ARM 2022 Physical Security Upgrades	2024	59,768	70,003	5,433	10%	Yes	16,017.20	\$ -	0%	\$ -
Bay Area Region	125517	COS 2022 Physical Security Upgrades	2024	76,354	83,061	5,702	10%	Yes	8,953.65	\$ -	0%	\$ -
Bay Area Region	125520	HKN 2022 Physical Security Upgrades	2024	3,207	3,745	292	10%	Yes	(1,631.01)	\$ -	0%	\$ -
Bay Area Region	125523	ARM 2024 Physical Security Upgrades	2024	6,221	7,480	566	10%	Yes	825.86	\$ -	0%	\$ -
Bay Area Region	125524	COS 2024 Physical Security Upgrades	2024	68,252	67,268	6,205	10%	Yes	9,060.43	\$ -	0%	\$ -
Bay Area Region	125531	MPS 2022 SB1398 Service Replacement	2024	121,542	144,772	10,348	10%	Yes	14,858.33	\$ -	0%	\$ -
Rancho Dominguez	125532	RD New Copier For Operations	2024	21,270	22,309	1,840	10%	Yes	156.41	\$ -	0%	\$ -

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District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bay Area Region	125533	SSF 2023 SB1398 Service Replacement	2024	124,581	148,391	10,348	10%	Yes	14,981.63	\$ -	0%	\$ -
Bay Area Region	125535	MPS 2024 SB1398 Service Replacement	2024	127,695	152,101	10,348	10%	Yes	15,107.93	\$ -	0%	\$ -
Salinas Valley Region	125542	SLN 2022 Vault Replacements	2024	160,338	191,365	29,089	20%	Yes	25,237.70	\$ -	0%	\$ -
Rancho Dominguez	125543	RD Refurbish/Replace Clarifier	2024	57,384	68,499	-	0%	Yes	(14,058.55)	\$ -	0%	\$ -
LA County Region	125547	AV-LAN 001 Generator Replacement	2026	270,464	299,576	24,588	10%	Yes	30,040.06	19,320.30	10%	\$ 20,805.85
Salinas Valley Region	125550	SLN 2023 Vault replacement	2024	162,025	190,294	29,395	20%	Yes	23,548.10	\$ -	0%	\$ -
Salinas Valley Region	125551	SLN 2024 Vault replacement	2024	178,951	211,147	32,466	20%	Yes	37,011.87	\$ -	0%	\$ -
Bear Gulch	125628	BG Wildfire - New Main Morrow Vista	2024	1,164,250	1,372,126	194,042	20%	Yes	202,082.06	74,992.02	10%	\$ 76,866.82
Los Altos	125629	LAS STA 008 New Mainline to Mora	2025	2,228,510	2,543,943	371,420	20%	Yes	456,893.52	135,826.61	10%	\$ 142,702.83
Livermore	125632	LIV New Main Livermore & Concannon	2024	2,213,575	2,590,827	368,929	20%	No	N/A	134,925.58	10%	\$ 138,298.72
Los Altos	125633	LAS Marion Way New Mainline	2024	4,673,084	5,423,889	778,847	20%	Yes	1,367,310.83	253,464.70	10%	\$ 259,801.32
LA County Region	125640	PV Wildfire Zone C-635 New Main We	2025	1,267,525	1,523,312	211,254	20%	Yes	208,856.99	83,200.95	10%	\$ 87,413.00
LA County Region	125641	PV Wildfire Zone F-1325 New Main	2025	2,514,518	2,908,407	419,086	20%	Yes	935,996.98	118,078.53	10%	\$ 124,056.26
LA County Region	125642	PV Wildfire Zone B-280 New Main	2025	895,883	1,038,715	149,314	20%	Yes	183,674.96	54,607.38	10%	\$ 57,371.88
LA County Region	125644	PV Wildfire Zone H-1300 NewMain-PRV	2024	311,360	374,192	51,893	20%	Yes	(41,061.19)	27,696.84	10%	\$ 28,389.26
Bay Area Region	125645	BAY SC-116 Rebuild	2025	2,507,665	2,909,928	417,944	20%	Yes	1,056,736.63	\$ -	0%	\$ -
Bay Area Region	125647	RDV LUC 001 Pier Safety Upgrades	2024	382,996	449,223	63,833	20%	Yes	(108,512.49)	31,792.35	10%	\$ 32,587.16
Selma	125648	SEL Well Level Monitoring	2024	19,747	23,034	1,795	10%	Yes	1,429.41	\$ -	0%	\$ -
Kern River Valley	125649	KRV Vault Retrofit Project	2024	337,553	399,508	30,686	10%	Yes	139,691.81	\$ -	0%	\$ -
Salinas Valley Region	125664	SLN 2024 Toro Park hydrant replace	2024	75,949	90,440	6,904	10%	Yes	(30,384.99)	\$ -	0%	\$ -
Salinas Valley Region	125746	SLN New Customer Parking Lot	2024	1,245,659	1,486,711	113,242	10%	Yes	139,249.45	\$ -	0%	\$ -
South Bay Region	125762	DOM Sta 300 Treatment Plant	2025	3,417,722	3,983,229	593,339	20%	Yes	859,007.33	217,009.56	10%	\$ 227,995.67
Bay Area Region	125813	Land Purchase for Recycled Water St	2024	1,181,897	1,351,898	107,445	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	126005	BG STA 46 Wildfire Generator	2024	272,574	324,684	24,442	10%			\$ -	0%	\$ -
Travis	126030	ISDC 11B	2024	319,831	381,853	29,076	10%	Yes	68,706.53	\$ -	0%	\$ -
Travis	126031	ISDC 11C broken valve replacement	2024	296,203	353,642	26,928	10%	Yes	38,799.68	\$ -	0%	\$ -
Travis	126039	TAB 1525 (T2) - Tank Retrofits	2024	157,693	183,496	14,336	10%	Yes	65,897.33	\$ -	0%	\$ -
Travis	126041	TAB Tanks-Remove Ext Ladder Cage	2024	51,692	61,716	4,699	10%	Yes	1,082.21	\$ -	0%	\$ -
CSS	126076	Enterprise AMI Feasibility Study	2024	265,823	309,051	-	0%			\$ -	0%	\$ -
Visalia	126078	Sharkfin Recharge Facilities	2024	94,737	113,201	15,789	20%	Yes	17,539.76	\$ -	0%	\$ -
Travis	126086	TAB Backflow Device Replacement	2024	388,660	453,023	35,840	10%	Yes	22,911.74	\$ -	0%	\$ -
Travis	126088	TAB Backflow Device Replacement	2024	366,287	437,317	33,299	10%	Yes	(1,201.55)	\$ -	0%	\$ -
Bear Gulch	126093	BG Skyline 06IN Relocate	2024	4,131,756	4,724,582	-	0%			\$ -	0%	\$ -
Travis	126095	TAB Station 1 Vault Replacement	2024	126,582	149,037	11,508	10%	Yes	(30,798.52)	\$ -	0%	\$ -
Travis	126096	TAB Sta 1 Flowmeter Replacement	2024	29,536	34,613	2,685	10%	Yes	3,340.48	\$ -	0%	\$ -
Travis	126120	TAB 2022 Hydrant Replacement	2024	172,686	202,844	15,699	10%	Yes	22,924.96	\$ -	0%	\$ -
Bakersfield	126268	BK 047-02 Pump Replacement	2024	168,776	197,724	-	0%			\$ -	0%	\$ -
East Los Angeles	126347	ELA Replace V208165	2024	129,100	135,800	12,030	10%	Yes	10,985.08	\$ -	0%	\$ -
Bakersfield	126467	2023 BK 49 Carbon Change Outs	2024	152,460	179,560	13,860	10%	Yes	20,239.94	\$ -	0%	\$ -
Bakersfield	126470	2024 BK Carbon Change Outs	2024	156,272	188,068	14,207	10%	Yes	20,745.96	\$ -	0%	\$ -
North Valley Region	126474	2023 ORO 10 Carbon Change Outs	2024	87,288	104,485	7,935	10%	Yes	11,587.89	\$ -	0%	\$ -
North Valley Region	126476	2024 ORO 10 Carbon Change Outs	2024	89,470	107,097	8,134	10%	Yes	11,877.64	\$ -	0%	\$ -
East Los Angeles	126480	2022 ELA 62 Carbon Change Outs	2024	367,089	431,695	33,372	10%	Yes	114,061.77	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
East Los Angeles	126481	2023 ELA 62 Carbon Change Outs	2024	299,053	351,685	27,187	10%	Yes	39,700.73	\$ -	0%	\$ -
East Los Angeles	126482	2024 ELA 62 Carbon Change Outs	2024	306,530	366,970	27,866	10%	Yes	40,693.43	\$ -	0%	\$ -
East Los Angeles	126483	2022 ELA 63 Carbon Change Outs	2024	485,232	570,631	44,112	10%	Yes	121,016.28	\$ -	0%	\$ -
East Los Angeles	126484	2023 ELA 63 Carbon Change Outs	2024	430,468	506,229	39,134	10%	Yes	57,147.20	\$ -	0%	\$ -
East Los Angeles	126485	2024 ELA 63 Carbon Change Outs	2024	441,230	528,229	40,112	10%	Yes	58,575.51	\$ -	0%	\$ -
Visalia	126487	2024 VIS 38 Carbon Change Outs	2024	88,066	105,231	8,006	10%	Yes	11,691.26	\$ -	0%	\$ -
Visalia	126492	2023 VIS 77 Carbon Change Outs	2024	153,410	183,311	13,946	10%	Yes	20,366.06	\$ -	0%	\$ -
Visalia	126493	2024 VIS 77 Carbon Change Outs	2024	157,246	187,894	14,295	10%	Yes	20,875.23	\$ -	0%	\$ -
Marysville	126495	2023 MRL 15 Carbon Change Outs	2024	87,288	103,995	7,935	10%	Yes	11,587.93	\$ -	0%	\$ -
Marysville	126496	2024 MRL 15 Carbon Change Outs	2024	89,470	104,318	8,134	10%	Yes	11,877.64	\$ -	0%	\$ -
Bear Gulch	126621	BG Palo Alto Interconnect	2024	804,024	941,490	-	0%			\$ -	0%	\$ -
Bakersfield	126877	BK 220-01: Pump & Motor Replacement	2025	244,726	288,226	-	0%			\$ -	0%	\$ -
LA County Region	127148	PV Golf Club Recycled Water Line	2025	2,691,042	3,164,993	-	0%	No	N/A	\$ -	0%	\$ -
Travis	127164	Material Storage Bunkers	2025	548,523	644,317	-	0%			\$ -	0%	\$ -
Bakersfield	127761	Rpl main canal @ shafter Rd	2024	421,941	484,050	-	0%			\$ -	0%	\$ -
Bakersfield	128024	Install 8" tr flex @ Marella OverX	2024	665,931	768,570	-	0%			\$ -	0%	\$ -
CSS	128042	GRC 2021 Rev Rec Project	2025	379,147	391,396	-	0%			\$ -	0%	\$ -
Selma	128063	SEL 12 - Property Purchase	2024	212,032	243,518	-	0%			\$ -	0%	\$ -
South Bay Region	128198	HR-22-01 Media Vessel Repairs 2022	2024	168,776	200,408	1,242	10%			\$ -	0%	\$ -
East Los Angeles	128461	ELA 62 Carbon Changeout	2024	181,435	211,171	-	0%			\$ -	0%	\$ -
LA County Region	128971	Construct retaining wall/fence @ 22	2024	249,215	294,406	16,100	7%			\$ -	0%	\$ -
East Los Angeles	128996	ELA 62-01 Carbon Changeout	2024	244,886	287,245	-	0%			\$ -	0%	\$ -
CSS	129198	BLDG A - OFFICE UPDATES	2024	189,873	222,413	-	0%			\$ -	0%	\$ -
Bay Area Region	129409	Notre Dame & El Camino, SC	2024	253,165	297,721	-	0%			\$ -	0%	\$ -
Salinas Valley Region	129416	Lot (land) for Ag industrail	2024	675,105	805,748	-	0%			\$ -	0%	\$ -
Bakersfield	129528	E. California 21" main protection	2024	204,083	240,536	-	0%			\$ -	0%	\$ -
Bear Gulch	129532	BG 40-A Pump Replacement	2024	210,970	247,040	19,000	10%			\$ -	0%	\$ -
Bay Area Region	130235	Genentech Feasibility Study	2024	42,502	50,625	-	0%			\$ -	0%	\$ -
Bear Gulch	130460	BG STA 47 Wildfire Generator	2024	252,085	300,278	25,208	10%			\$ -	0%	\$ -
Bakersfield	130571	REPLACE V206012	2025	217,536	230,028	-	0%			\$ -	0%	\$ -
Bay Area Region	130599	SSF 008-T1 Roof Replacement	2024	248,945	286,504	-	0%			\$ -	0%	\$ -
Salinas Valley Region	130698	Hwy 156 - 12" DI Relocation	2024	662,447	774,421	-	0%			\$ -	0%	\$ -
Los Altos	130954	inst 8"pvc @ Richardson X Grant	2024	219,342	260,153	-	0%			\$ -	0%	\$ -
Bakersfield	131316	BK PFAS Preliminary Desgin	2024	689,260	805,034	60,750	10%			\$ -	0%	\$ -
North Valley Region	131319	CH PFAS Preliminary Design	2024	374,253	441,054	33,000	10%			\$ -	0%	\$ -
Salinas Valley Region	131372	SLN 77 Booster Station Construction	2024	1,905,310	2,242,914	190,531	15%			\$ -	0%	\$ -
CSS	131496	MSPO Roadmap	2024	206,751	230,830	-	0%			\$ -	0%	\$ -
LA County Region	131846	main abandonment/service relocation	2024	379,747	446,017	37,975	10%			\$ -	0%	\$ -
Bear Gulch	131885	Skylonda Integration - CWS 1810 Zon	2024	1,088,672	1,296,802	176,285	20%			\$ -	0%	\$ -
Bear Gulch	131889	Skylonda Integration - CWS 1930 Zon	2024	940,843	1,120,711	175,374	20%			\$ -	0%	\$ -
Bear Gulch	131966	BG Replace Skyline PRV/Vaults	2026	316,660	368,252	27,738	10%	No	N/A	\$ 31,600.65	10%	\$ 34,030.44
Bear Gulch	131977	BG 2025 Control Valve Overhauls	2025	467,565	545,053	40,458	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	131984	BG 2026 Control Valve Overhauls	2026	479,254	557,338	40,458	10%	No	N/A	\$ -	0%	\$ -

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Bear Gulch	131985	BG 2027 Control Valve Overhauls	2027	491,224	561,906	40,458	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131986	BAY 2025 ACV Replacements	2025	418,675	488,039	36,227	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131987	BAY 2026 ACV Replacements	2026	429,142	499,038	36,227	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131988	BAY 2027 ACV Replacements	2027	439,860	503,128	36,227	10%	No	N/A	\$ -	0%	\$ -
CSS	131989	TIME TRACKING IMPROVEMENT PHASE 2	2025	353,923	395,737	35,392	10%			\$ -	0%	\$ -
Bay Area Region	131990	2026 BAY - 6 Flowmeter Replacements	2026	622,139	720,407	50,784	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131991	MPS 2025 Control Valve Overhauls	2025	467,565	545,029	40,458	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131992	MPS 2026 Control Valve Overhauls	2026	498,424	579,605	42,076	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131993	MPS 2027 Control Valve Overhauls	2027	491,224	561,881	40,458	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131994	SSF 2025 Control Valve Overhauls	2025	112,216	130,807	9,710	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131995	SSF 2026 Control Valve Overhauls	2026	95,851	111,463	8,092	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	131996	SSF 2027 Control Valve Overhauls	2027	98,245	112,376	8,092	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	131997	BK 2025 ACV Replacements	2025	319,389	376,161	27,636	10%	No	N/A	\$ -	0%	\$ -
Los Altos	131998	LAS 2025 Control Valve Overhauls	2025	299,242	349,796	25,893	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132000	LAS 2027 Control Valve Overhauls	2027	314,383	360,611	25,893	10%	No	N/A	\$ -	0%	\$ -
Livermore	132001	LIV 2025 Flowmeter Replacements	2025	278,349	324,901	23,284	10%	No	N/A	\$ -	0%	\$ -
Livermore	132002	LIV 2026 Flowmeter Replacements	2026	281,612	327,921	23,773	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132007	SLN 2025 Control Valve Overhauls	2025	249,368	291,265	21,577	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132008	SLN 2026 Control Valve Overhauls	2026	255,602	297,830	21,577	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132010	SLN 2027 Control Valve Overhauls	2027	261,986	300,271	21,577	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132011	2026 KC - 1 CV Replacement2026 KC -	2026	81,741	95,854	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	132022	PV 049-T2 Roof Replacement	2024	1,856,540	2,115,347	-	0%			\$ -	0%	\$ -
Westlake	132023	WLK 2026 Control Valve Overhauls	2026	173,444	201,647	14,642	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132025	BK 2026 ACV Replacements	2026	327,374	384,639	27,636	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132026	BK 2026 Control Valve Overhauls	2026	438,176	514,822	36,990	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132027	BK 2027 ACV Replacements	2027	335,550	387,791	27,636	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132028	BK 2027 Control Valve Overhauls	2027	449,119	519,042	36,990	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132029	BK 2026 Flowmeter Replacements	2026	972,844	1,139,645	79,393	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132031	PV 2025 ACV Replacements	2027	1,256,025	1,477,238	108,682	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132032	PV 2026 ACV Replacements	2026	1,236,800	1,451,133	104,408	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132033	PV 2027 ACV Replacements	2027	1,319,580	1,522,912	108,682	10%	No	N/A	\$ -	0%	\$ -
Stockton	132038	STK 2026 ACV Replacement	2026	81,741	95,608	6,900	10%	No	N/A	\$ -	0%	\$ -
Stockton	132039	STK 2025 Flowmeter Replacements	2025	245,144	280,578	20,506	10%	No	N/A	\$ -	0%	\$ -
Stockton	132040	STK 2026 Flowmeter Replacements	2026	256,749	298,751	20,882	10%	No	N/A	\$ -	0%	\$ -
Stockton	132041	STK 2027 Flowmeter Replacements	2027	256,520	293,598	20,506	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132042	RDV 2026 ACV Replacement	2026	85,828	101,598	7,245	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132043	RDV 2026 Flowmeter Replacement	2026	223,069	262,182	18,209	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132044	RDV 2027 Flowmeter Replacement	2027	107,120	123,841	8,500	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132045	PV 2025 Control Valve Overhauls	2025	2,030,569	2,388,196	175,702	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132046	PV 2026 Control Valve Overhauls	2026	2,063,989	2,421,670	174,238	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132047	PV 2027 Control Valve Overhauls	2027	2,115,538	2,441,518	174,238	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132048	PV 2026 Flowmeter Replacement	2025	121,222	141,422	9,862	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132049	PV 2027 Flowmeter Replacement	2026	206,972	238,864	16,475	10%	No	N/A	\$ -	0%	\$ -

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Marysville	132051	MRL 2026 ACV Replacement	2026	81,843	95,196	6,909	10%	No	N/A	\$ -	0%	\$ -
Marysville	132052	MRL 2026 Flowmeter Replacement	2026	210,075	243,305	17,155	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132054	ORO 2025 ACV Replacements	2025	100,545	117,783	8,700	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132055	ORO 2027 ACV Replacements	2027	56,502	64,949	4,654	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132057	HR 2025 ACV Replacement	2025	75,764	89,026	6,564	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132058	HR 2025 Control Valve Overhauls	2025	219,978	258,484	19,034	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132059	HR 2026 ACV Replacements	2026	155,503	182,283	13,127	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132060	HR 2026 Control Valve Overhauls	2026	208,133	243,977	17,570	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132061	HR 2027 Control Valve Overhaul	2027	213,332	245,977	17,570	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132062	HR 2026 Flowmeter Replacements	2027	273,679	307,709	22,368	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132063	HR 2027 Flowmeter Replacements	2027	281,005	324,007	22,368	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132067	CH 2025 ACV Replacement	2025	79,747	93,349	6,900	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132068	CH 2025 Control Valve Overhauls	2025	124,684	145,950	10,789	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132069	CH 2026 ACV Replacement	2026	81,741	95,452	6,900	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132070	CH 2026 Control valve Overhauls	2026	109,544	127,920	9,247	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132072	CH 2027 ACV Replacement	2027	83,782	96,235	6,900	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132073	CH 2027 Control Valve Overhauls	2027	112,280	128,968	9,247	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132074	CH 2025 Flowmeter Replacements	2025	239,205	278,628	22,797	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132075	CH 2026 Flowmeter Replacements	2026	316,417	367,680	26,711	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132076	CH 2027 Flowmeter Replacements	2027	327,501	374,329	29,772	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132077	DOM 2027 Flowmeter Replacement	2027	206,946	236,694	16,473	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132078	ELA 2025 ACV Replacement	2025	75,855	88,871	6,564	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132079	ELA 2025 Control Valve Overhauls	2025	101,528	118,950	8,785	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132080	ELA 2026 ACV Replacement	2026	77,751	90,874	6,564	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132081	ELA 2026 Control Valve Overhauls	2026	104,067	121,632	8,785	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132082	ELA 2027 ACV Replacement	2027	79,693	91,619	6,564	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132083	ELA 2027 Control Valve Overhauls	2027	106,666	122,628	8,785	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132084	ELA 2025 Flowmeter Replacement	2027	207,576	238,036	16,472	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132085	ELA 2026 Flowmeter Replacement	2026	201,903	234,787	16,473	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132087	ELA 2027 Flowmeter Replacement	2027	206,956	236,724	16,473	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132088	AV 2025 Vehicle Replacement Program	2025	183,974	184,768	15,919	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132091	KRV 2025 Control Valve Overhauls	2025	249,368	295,849	21,577	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132093	KRV 2026 Control Valve Overhauls	2026	237,345	280,908	20,036	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132096	KRV 2025 Flowmeter Replacements	2025	281,473	333,937	23,545	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132097	KRV 2026 Flowmeter Replacements	2026	288,607	341,579	23,553	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132098	KRV 2027 Flowmeter Replacements	2027	295,743	344,293	23,547	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132105	SSF 002-C Pump Replacement	2025	83,494	97,093	7,225	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132106	SSF 005-A Pump Replacement	2026	85,581	99,520	7,225	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132108	SM 006-D Pump Replacement	2025	83,494	97,093	7,225	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132111	MPS 012-E Pump Replacement	2027	74,330	85,021	6,122	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132112	MPS 114-B Pump Replacement	2027	33,768	38,625	2,781	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132115	SSF 101-A Pump Replacement	2025	83,494	97,093	7,225	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132116	SC 118-A Pump Replacement	2025	111,639	130,135	9,660	10%	No	N/A	\$ -	0%	\$ -

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Bay Area Region	132117	MPS-120-B Pump Replacement	2027	74,330	85,021	6,122	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132132	BK 073-E Pump Replacement	2025	79,518	93,652	6,881	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132135	CH-65-1 Pump Replacement	2026	144,345	168,559	12,185	10%	No	N/A	\$ -	0%	\$ -
Dixon	132136	DIX 010-A Pump Replacement	2026	69,065	81,634	5,830	10%	No	N/A	\$ -	0%	\$ -
Dixon	132137	DIX 010-B Pump Replacement	2026	69,065	81,634	5,830	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132139	DOM-277-01 Pump Replacement	2026	202,702	236,242	17,112	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132140	DOM-277-A Pump Replacement	2026	103,532	120,663	8,740	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132141	ELA 2025 Chemical Pump Replacement	2025	9,334	10,936	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132142	ELA-10-03 Pump Replacement	2027	140,553	161,586	11,576	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132143	ELA 12-C Pump Replacement	2027	79,364	91,241	6,537	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132144	ELA 2025 Chemical Pump Replacement	2025	9,316	10,915	806	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132145	ELA 023-B Booster Replacement	2025	101,007	118,339	8,740	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132147	ELA 030-C Pump Replacement	2025	75,542	88,504	6,537	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132148	ELA 032-C Booster Replacement	2027	115,585	132,882	9,520	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132149	ELA 040-A Pump Replacement	2026	65,612	76,686	5,539	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132151	ELA 055-A Pump Replacement	2027	106,118	121,998	8,740	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132152	ELA-59-A Pump Replacement	2027	79,364	91,241	6,537	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132155	KC 010-A Pump Replacement	2026	140,935	165,269	11,897	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132156	KC 013-01 Pump Replacement	2027	136,942	157,958	11,279	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132157	KC 015-A Pump Replacement	2025	67,381	79,205	5,830	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132158	KRV ONYX-1-1 Pump Replacement	2025	79,656	94,504	6,893	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132159	KRV ONYX-2-1 Pump Replacement	2027	83,687	97,426	6,893	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132160	KRV SMTN-2-15 Pump Replacement	2027	83,687	97,426	6,893	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132161	KRV ONYX-3-A Pump Replacement	2026	69,065	81,742	5,830	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132167	KRV MSHA-6-B Pump Replacement	2027	83,541	97,256	6,881	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132171	KRV SMTN-15-A Pump Replacement	2025	90,800	107,724	7,857	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132172	KRV SMTN-15-B Pump Replacement	2025	82,545	97,931	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132173	KRV UBOD-104-2 Pump Replacement	2026	81,648	96,634	6,893	10%	No	N/A	\$ -	0%	\$ -
CSS	132210	MSPO Configuration/Upgrades	2025	936,320	972,331	851,200	10%	No	N/A	\$ -	0%	\$ -
CSS	132211	Workday Modification/Configuration	2025	181,500	188,480	16,500	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132213	LAS-7-E Pump Replacement	2026	114,430	133,440	9,660	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132214	LAS-27-1 Pump Replacement	2025	121,599	142,142	10,522	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132215	LAS-33-B Pump Replacement	2026	85,581	99,799	7,225	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132216	LAS-34-B Pump Replacement	2027	151,678	173,980	12,492	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132218	LAS-113-B Pump Replacement	2026	72,519	84,566	6,122	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132219	LAS-119-D Pump Replacement	2027	87,718	100,617	7,225	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132221	LAS-121-2 Pump Replacement	2025	44,426	51,931	3,844	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132222	LAS-123-1 Pump Replacement	2026	74,315	86,661	6,273	10%	No	N/A	\$ -	0%	\$ -
Livermore	132223	LIV 015-1 Replace Well Pump	2025	130,346	152,958	11,279	10%	No	N/A	\$ -	0%	\$ -
Livermore	132224	LIV-019-1 Well Pump Replacement	2026	108,588	127,119	9,167	10%	No	N/A	\$ -	0%	\$ -
Livermore	132225	LIV 020-1 Replace Well Pump	2026	41,497	48,579	3,503	10%	No	N/A	\$ -	0%	\$ -
Livermore	132226	LIV 025-B Pump Replacement	2025	79,656	93,475	6,893	10%	No	N/A	\$ -	0%	\$ -
Livermore	132227	LIV-29-A Pump Replacement	2026	69,065	80,852	5,830	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Livermore	132228	LIV-29-B Pump Replacement	2026	69,065	80,852	5,830	10%	No	N/A	\$ -	0%	\$ -
Livermore	132230	LIV-32-A Pump Replacement	2026	69,065	80,852	5,830	10%	No	N/A	\$ -	0%	\$ -
Livermore	132231	LIV-32-B Pump Replacement	2026	69,065	80,852	5,830	10%	No	N/A	\$ -	0%	\$ -
Livermore	132232	LIV 032-C Pump Replacement	2025	67,381	79,070	5,830	10%	No	N/A	\$ -	0%	\$ -
Livermore	132233	LIV-034 Pump Replacements (B,C,D)	2027	250,624	288,593	20,642	10%	No	N/A	\$ -	0%	\$ -
Livermore	132234	LIV-034-A VFD Replacement	2027	68,206	77,913	5,820	10%	No	N/A	\$ -	0%	\$ -
Marysville	132235	MRL-15-1 Pump Replacement	2026	133,605	152,858	11,279	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132236	ORO 015-E Pump Replacement	2026	69,065	80,712	5,830	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132238	SLN 021-01 Pump Replacement	2026	142,752	166,336	12,051	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132239	SLN-27-1 Pump Replacement	2027	136,942	156,953	11,279	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132240	SLN-32-1 Pump Replacement	2025	130,346	152,246	11,279	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132241	SLN-57-A Pump Replacement	2027	83,541	95,749	6,881	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132242	SLN-58-B Pump Replacement	2025	67,381	78,701	5,830	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132243	SLN-67-1 Pump Replacement	2026	161,140	187,762	13,603	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132244	SLN-71-1 Pump Replacement	2025	105,939	123,738	9,167	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132245	SLN-73-A Pump Replacement	2026	39,728	46,291	3,354	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132246	SLN-73-B Pump Replacement	2026	39,728	46,291	3,354	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132247	SLN-73-E Pump Replacement	2026	43,368	50,533	3,661	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132248	SLN-304-A Pump Replacement	2025	67,381	78,701	5,830	10%	No	N/A	\$ -	0%	\$ -
Stockton	132249	STK-59-1 Pump Replacement	2025	140,825	165,111	12,185	10%	No	N/A	\$ -	0%	\$ -
Stockton	132250	STK-60-1 Pump Replacement	2025	140,825	165,111	12,185	10%	No	N/A	\$ -	0%	\$ -
Visalia	132251	VIS-15-1 Pump Replacement	2027	111,300	127,713	9,167	10%	No	N/A	\$ -	0%	\$ -
Visalia	132252	VIS 023-1 Pump Replacement	2027	136,942	157,137	11,279	10%	No	N/A	\$ -	0%	\$ -
Visalia	132253	VIS-32-1 Pump Replacement	2026	133,605	155,859	11,279	10%	No	N/A	\$ -	0%	\$ -
Visalia	132254	VIS-57-2 Pump Replacement	2025	79,656	93,148	6,893	10%	No	N/A	\$ -	0%	\$ -
Visalia	132255	VIS 201-1 Pump Replacement	2025	40,484	47,341	3,503	10%	No	N/A	\$ -	0%	\$ -
Willows	132256	WIL-4-1 Pump Replacement	2026	70,776	83,300	5,975	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132262	BK 2025 VEHICLE REPLACEMENT PROGRAM	2025	292,258	309,042	25,289	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132263	BK 2026 VEHICLE REPLACEMENT PROGRAM	2026	506,147	535,214	42,728	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132264	BK 2027 VEHICLE REPLACEMENT PROGRAM	2027	1,698,022	1,795,536	139,851	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132265	BAY 2025 VEHICLE REPLACEMENT PROGRA	2025	85,825	89,823	7,426	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132266	BAY 2026 VEHICLE REPLACEMENT PROGRA	2026	161,378	168,895	13,623	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132267	BAY 2027 VEHICLE REPLACEMENT PROGRA	2027	726,767	760,624	61,354	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132268	BG 2025 VEHICLE REPLACEMENT PROGRAM	2025	392,233	410,524	33,939	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132269	BG 2026 VEHICLE REPLACEMENT PROGRAM	2026	87,970	92,073	7,426	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132270	BG 2027 VEHICLE REPLACEMENT PROGRAM	2027	438,116	458,546	36,084	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132272	BK-125-01 Well Renewal	2026	288,984	339,534	24,396	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132277	LAS-027-01 Well Renewal	2027	297,548	341,300	25,615	10%	No	N/A	\$ -	0%	\$ -
Livermore	132278	LIV-009-01 Well Renewal	2026	288,984	338,303	24,396	10%	No	N/A	\$ -	0%	\$ -
Livermore	132279	LIV-014-01 Well Renewal	2027	296,202	341,075	24,396	10%	No	N/A	\$ -	0%	\$ -
Stockton	132281	STK-060-01 Well Renewal	2025	281,936	329,765	24,396	10%	No	N/A	\$ -	0%	\$ -
Visalia	132282	VIS 045-01 Well Renewal	2026	288,984	331,601	24,396	10%	No	N/A	\$ -	0%	\$ -
Visalia	132283	VIS 046-01 Well Renewal	2025	281,936	329,690	24,396	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Willows	132293	WIL 2027 Vehicle Replacement Progra	2027	45,760	48,471	4,160	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132296	2026 KRV - ACV Replacements	2026	245,531	290,596	20,727	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132298	KRV 2025 Control Valve Overhauls	2025	249,368	295,849	21,577	10%	No	N/A	\$ -	0%	\$ -
Westlake	132308	WLK 2027 Vehicle Replacement Progra	2027	180,335	188,692	14,853	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132309	CH 2025 VEHICLE REPLACEMENT PROGRAM	2025	333,575	350,577	28,864	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132310	CH 2026 VEHICLE REPLACEMENT PROGRAM	2026	351,882	369,817	29,705	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132311	CH 2027 VEHICLE REPLACEMENT PROGRAM	2027	654,769	688,141	53,928	10%	No	N/A	\$ -	0%	\$ -
Dixon	132314	DIX 2027 VEHICLE REPLACEMENT PROJEC	2027	208,149	221,424	17,143	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132315	ELA 2025 VEHICLE REPLACEMENT PROGRA	2025	190,186	200,057	19,019	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132316	ELA 2026 VEHICLE REPLACEMENT PROGRA	2026	717,269	754,495	60,551	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132317	ELA 2027 VEHICLE REPLACEMENT PROGRA	2027	691,419	727,303	55,655	10%	No	N/A	\$ -	0%	\$ -
CSS	132318	CSS 2025 VEHICLE REPLACEMENT PROGRA	2025	21,681	22,514	1,876	10%	No	N/A	\$ -	0%	\$ -
CSS	132319	CSS 2026 VEHICLE REPLACEMENT PROGRA	2026	396,589	411,842	33,479	10%	No	N/A	\$ -	0%	\$ -
CSS	132320	CSS 2027 VEHICLE REPLACEMENT PROGRA	2027	567,043	588,851	46,702	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132322	KRV 2026 VEHICLE REPLACEMENT PROGRA	2026	87,970	93,705	7,426	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132325	KC 2026 VEHICLE REPLACEMENT PROGRAM	2026	77,133	81,406	6,511	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132326	KC 2027 VEHICLE REPLACEMENT PROGRAM	2027	90,168	95,162	7,426	10%	No	N/A	\$ -	0%	\$ -
Livermore	132327	LIV 2025 VEHICLE REPLACEMENT PROGRA	2025	390,870	411,818	33,821	10%	No	N/A	\$ -	0%	\$ -
Livermore	132328	LIV 2026 VEHICLE REPLACEMENT PROGRA	2026	150,540	158,608	12,708	10%	No	N/A	\$ -	0%	\$ -
Livermore	132329	LIV 2027 VEHICLE REPLACEMENT PROGRA	2027	300,849	316,973	30,085	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132331	LAS 2026 VEHICLE REPLACEMENT PROGRA	2026	77,133	80,952	6,511	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132332	LAS 2027 VEHICLE REPLACEMENT PROGRA	2027	386,566	405,707	31,838	10%	No	N/A	\$ -	0%	\$ -
Marysville	132333	MRL 2025 VEHICLE REPLACEMENT PROGRA	2025	188,577	197,409	17,143	10%	No	N/A	\$ -	0%	\$ -
Marysville	132334	MRL 2026 VEHICLE REPLACEMENT PROGRA	2026	71,625	74,980	7,163	10%	No	N/A	\$ -	0%	\$ -
Marysville	132335	MRL 2027 VEHICLE REPLACEMENT PROGRA	2027	39,369	41,213	3,579	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132336	ORO 2025 VEHICLE REPLACEMENT PROGRA	2025	171,650	180,535	17,165	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132337	ORO 2026 VEHICLE REPLACEMENT PROGRA	2026	87,970	92,524	8,797	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132338	ORO 2027 VEHICLE REPLACEMENT PROGRA	2027	180,335	189,670	18,034	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	132339	RD 2025 VEHICLE REPLACEMENT PROGRAM	2025	1,193,755	1,252,068	119,375	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	132340	RD 2026 VEHICLE REPLACEMENT PROGRAM	2026	1,142,058	1,197,846	114,206	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	132341	RD 2027 VEHICLE REPLACEMENT PROGRAM	2027	1,228,608	1,288,623	101,190	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132345	SLN 2025 VEHICLE REPLACEMENT PROGRA	2025	549,914	576,687	50,058	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132346	SLN 2026 VEHICLE REPLACEMENT PROGRA	2026	71,860	75,358	6,746	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132347	SLN 2027 VEHICLE REPLACEMENT PROGRA	2027	366,923	384,786	33,423	10%	No	N/A	\$ -	0%	\$ -
Selma	132348	SEL 2025 VEHICLE REPLACEMENT PROGRA	2025	157,442	164,886	13,623	10%	No	N/A	\$ -	0%	\$ -
Stockton	132351	STK 2025 VEHICLE REPLACEMENT PROGRA	2025	263,069	276,927	22,763	10%	No	N/A	\$ -	0%	\$ -
Stockton	132352	STK 2026 VEHICLE REPLACEMENT PROGRA	2026	590,633	621,747	50,274	10%	No	N/A	\$ -	0%	\$ -
Stockton	132353	STK 2027 VEHICLE REPLACEMENT PROGRA	2027	386,566	406,929	31,838	10%	No	N/A	\$ -	0%	\$ -
Visalia	132360	VIS 2025 Vehicle Replacment Progr	2025	547,345	574,663	47,361	10%	No	N/A	\$ -	0%	\$ -
Visalia	132362	VIS 2026 Vehicle Replacement Progr	2026	351,882	369,444	29,705	10%	No	N/A	\$ -	0%	\$ -
Visalia	132363	VIS 2027 Vehicle Replacement Progr	2027	374,577	393,272	30,851	10%	No	N/A	\$ -	0%	\$ -
Travis	132364	TAFB 2025 Vehicle Replacement Progr	2025	384,661	403,526	33,284	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132366	BG 2026 Vault Lid Replacements	2026	21,161	24,608	3,150	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bear Gulch	132367	BG 2027 Vault Lid Replacements	2027	21,689	24,810	3,150	10%	No	N/A	\$ -	0%	\$ -
Travis	132368	TAFB 2026 Vehicle Replacement Progr	2026	280,514	294,271	23,681	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132371	CH 2025 Vault Lid Replacements	2025	34,671	40,584	3,000	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132373	CH 2026 Vault Lid Replacements	2026	35,537	41,499	3,000	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132374	CH 2027 Vault Lid Replacements	2027	36,425	41,839	3,000	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132380	BAY-MPS 2025 Vault Lid Replacements	2025	36,404	42,435	3,150	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132381	BAY-MPS 2026 Vault Lid Replacements	2026	37,314	43,392	3,150	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132382	BAY-MPS 2027 Vault Lid Replacements	2027	38,246	43,747	3,150	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132383	BAY-SSF 2025 Vault Lid Replacements	2025	36,404	42,435	3,150	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132384	BAY-SSF 2026 Vault Lid Replacements	2026	37,314	43,392	3,150	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132385	BAY-SSF 2027 Vault Lid Replacements	2027	38,246	43,747	3,150	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132389	DOM 2025 Vault Lid Replacements	2025	65,874	76,959	5,700	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132390	DOM 2026 Vault Lid Replacements	2026	67,521	78,693	5,700	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132391	DOM 2027 Vault Lid Replacements	2027	69,207	79,338	5,700	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132392	ELA 2025 Vault Lid Replacements	2025	32,937	38,589	2,850	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132393	ELA 2026 Vault Lid Replacements	2026	33,761	39,459	2,850	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132394	ELA 2027 Vault Lid Replacements	2027	34,604	39,782	2,850	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132395	HR 2025 Vault Lid Replacements	2025	32,937	38,702	2,850	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132396	HR 2026 Vault Lid Replacements	2026	33,761	39,575	2,850	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132397	HR 2027 Vault Lid Replacements	2027	34,604	39,899	2,850	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132399	KC 2025 Vault Lid Replacements	2025	17,335	20,377	1,500	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132400	KC 2026 Vault Lid Replacements	2026	17,769	20,837	1,500	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132401	KC 2027 Vault Lid Replacements	2027	18,212	21,007	1,500	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132402	LAS 2025 Vault Lid Replacements	2025	36,404	42,554	3,150	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132403	LAS 2026 Vault Lid Replacements	2026	37,314	43,513	3,150	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132404	LAS 2027 Vault Lid Replacements	2027	38,246	43,870	3,150	10%	No	N/A	\$ -	0%	\$ -
Livermore	132405	LIV 2025 Vault Lid Replacements	2025	17,335	20,343	1,500	10%	No	N/A	\$ -	0%	\$ -
Livermore	132406	LIV 2026 Vault Lid Replacements	2026	17,769	20,801	1,500	10%	No	N/A	\$ -	0%	\$ -
Livermore	132407	LIV 2027 Vault Lid Replacements	2027	18,212	20,972	1,500	10%	No	N/A	\$ -	0%	\$ -
Marysville	132410	MRL 2027 Vault Lid Replacements	2027	18,212	20,837	1,500	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132411	ORO 2025 Vault Lid Replacements	2025	17,335	20,307	1,500	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132412	ORO 2026 Vault Lid Replacements	2026	17,769	20,765	1,500	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132413	ORO 2027 Vault Lid Replacements	2027	18,212	20,935	1,500	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132417	PV 2025 Vault Lid Replacements	2027	16,469	19,369	1,425	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132418	PV 2026 Vault Lid Replacements	2027	16,880	19,805	1,425	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132419	PV 2027 Vault Lid Replacements	2027	17,302	19,968	1,425	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132420	SLN 2025 Vault Lid Replacements	2025	34,671	40,496	3,000	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132421	SLN 2026 Vault Lid Replacements	2026	35,537	41,408	3,000	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132422	SLN 2027 Vault Lid Replacements	2027	36,425	41,748	3,000	10%	No	N/A	\$ -	0%	\$ -
Stockton	132423	STK 2025 Vault Lid Replacements	2025	69,341	81,300	6,000	10%	No	N/A	\$ -	0%	\$ -
Stockton	132424	STK 2026 Vault Lid Replacements	2026	71,075	83,132	6,000	10%	No	N/A	\$ -	0%	\$ -
Stockton	132425	STK 2027 Vault Lid Replacements	2027	72,850	83,813	6,000	10%	No	N/A	\$ -	0%	\$ -
Westlake	132429	WLK 2025 Vault Lid Replacements	2025	32,937	38,385	2,850	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Westlake	132430	WLK 2026 Vault Lid Replacements	2026	33,761	39,250	2,850	10%	No	N/A	\$ -	0%	\$ -
Westlake	132431	WLK 2027 Vault Lid Replacements	2027	34,604	39,572	2,850	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132441	ELA-ADDITIONAL FIRE HYD. MAINT TRUC	2025	159,153	167,413	13,771	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132442	ELA - ADDITIONAL LEAK TRUCKS	2026	526,138	553,445	45,526	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132443	KRV - VACUUM TRAILER	2025	123,593	131,649	11,236	10%	No	N/A	\$ -	0%	\$ -
CSS	132445	CSS 2025 Midsize Pickup W/4WD	2025	40,095	41,637	4,010	10%	No	N/A	\$ -	0%	\$ -
CSS	132446	CSS 2025 SUV	2025	43,916	45,605	3,800	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132447	BG 2025 Physical Security Upgrades	2025	143,717	167,535	12,436	10%	No	N/A	\$ -	0%	\$ -
CSS	132448	CSS 2025 Sedan	2025	43,916	45,605	3,800	10%	No	N/A	\$ -	0%	\$ -
Livermore	132449	LIV - ADDITIONAL TRUCKS	2025	157,148	165,569	13,938	10%	No	N/A	\$ -	0%	\$ -
Livermore	132455	LIV 2025 Physical Security Upgrades	2025	331,634	389,166	28,696	10%	No	N/A	\$ -	0%	\$ -
Visalia	132456	VIS 2025 Chevrolet 1500 Pickup	2025	68,166	71,568	6,197	10%	No	N/A	\$ -	0%	\$ -
Visalia	132458	VIS 2025 FORD F350	2025	66,000	69,294	6,000	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132462	ORO - REPLACE TRACTOR	2025	73,420	77,220	6,353	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132499	BAY 2025 - MCC Replacemen	2027	2,083,329	2,382,990	322,367	20%	No	N/A	\$ 210,239.16	15%	\$ 232,064.69
Bear Gulch	132508	BG 2025 - MCC Replacements	2027	2,361,928	2,701,781	365,476	20%	No	N/A	\$ 238,354.01	15%	\$ 263,098.23
North Valley Region	132513	CH 2025 - MCC Replacements	2027	4,059,230	4,662,545	628,111	20%	No	N/A	\$ 409,637.38	15%	\$ 452,163.02
South Bay Region	132523	DOM 2027 - MCC Replacement	2027	1,383,701	1,586,252	208,932	20%	No	N/A	\$ 136,260.31	15%	\$ 150,405.89
Kern River Valley	132529	KRV 2025 - MCC Replacements	2027	2,198,188	2,559,056	366,365	20%	No	N/A	\$ 238,933.52	15%	\$ 263,737.90
Los Altos	132534	LAS 2025 - MCC Replacements	2027	5,737,409	6,581,045	887,786	20%	No	N/A	\$ 578,990.80	15%	\$ 639,097.51
Livermore	132537	LIV MCC Replacements	2027	1,577,200	1,816,140	244,050	20%	No	N/A	\$ 159,163.18	15%	\$ 175,686.37
Marysville	132539	MRL 2025 - MCC Replacement	2027	862,210	986,461	133,415	20%	No	N/A	\$ 87,010.00	15%	\$ 96,042.76
Salinas Valley Region	132546	SLN 2025 - MCC Replacement	2027	2,675,806	3,066,827	414,045	20%	No	N/A	\$ 270,029.08	15%	\$ 298,061.58
Stockton	132548	STK 2026 - MCC Replacements	2027	2,394,767	2,755,170	366,059	20%	No	N/A	\$ 238,733.87	15%	\$ 263,517.52
Westlake	132553	WLK 2025 - MCC Replacement	2027	2,242,944	2,564,959	347,065	20%	No	N/A	\$ 226,346.74	15%	\$ 249,844.45
Bakersfield	132561	BK 2026 - Genset Replacements	2027	2,307,427	2,666,664	352,708	10%	No	N/A	\$ 230,026.92	15%	\$ 253,906.68
North Valley Region	132564	CH 2026 - Genset Replacement	2027	1,413,512	1,623,600	218,764	10%	No	N/A	\$ 142,672.50	15%	\$ 157,483.74
South Bay Region	132565	DOM 2026 - Genset Replacement	2027	1,438,676	1,649,275	219,913	10%	No	N/A	\$ 143,421.38	15%	\$ 158,310.37
Salinas Valley Region	132573	SLN 2026 - Genset Replacement	2027	2,155,255	2,470,206	329,447	10%	No	N/A	\$ 214,856.98	15%	\$ 237,161.90
Westlake	132574	WLK 2026 - Genset Replacement	2027	932,584	1,066,473	142,553	10%	No	N/A	\$ 92,969.12	15%	\$ 102,620.51
CSS	132575	2025 PC & Device Replacement	2025	735,437	763,722	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132576	2026 PC & Device Replacement	2026	753,823	782,815	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132577	2027 PC & Device Replacement	2027	772,651	802,367	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132578	IT Equipment for new headcounts	2027	129,252	134,223	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132579	Windows 11 Upgrade	2025	210,125	218,206	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132580	Replace Mitel Phone system	2025	315,187	327,310	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132582	Service desk upgrade	2026	323,067	335,492	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132585	Small portable generators	2025	377,873	396,027	34,352	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132596	HR 2025 Sample Stations	2025	14,273	16,771	1,235	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132599	KC 2025 Sample Stations	2025	30,048	35,321	2,600	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132601	KC 2026 Sample Stations	2026	30,799	36,117	2,600	10%	No	N/A	\$ -	0%	\$ -
Livermore	132609	LIV 2025 Sample Stations	2025	90,144	105,782	7,800	10%	No	N/A	\$ -	0%	\$ -
Livermore	132610	LIV 2026 Sample Station	2026	92,397	108,166	7,800	10%	No	N/A	\$ -	0%	\$ -

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District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Livermore	132611	LIV 2027 Sample Stations	2027	63,137	72,701	5,200	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132612	PV 2025 Sample Stations	2027	42,818	50,359	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132615	SLN 2025 Sample Stations	2025	105,168	122,837	9,100	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132616	SLN 2026 Sample Stations	2026	107,797	125,606	9,100	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132617	SLN 2027 Sample Stations	2027	94,705	108,544	7,800	10%	No	N/A	\$ -	0%	\$ -
CSS	132626	Replace EOL MFP	2027	377,250	391,759	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132627	ZTA - Data Pillar	2027	992,365	1,030,532	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132628	ZTA - Identity Pillar	2027	1,479,074	1,535,959	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132630	ZTA - Network Pillar	2026	2,541,462	2,639,206	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132631	Workday Ongoing Enhancements	2027	525,415	545,622	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	132660	BK 176 Pressure Tank Replacement	2027	480,522	552,057	37,986	10%	No	N/A	\$ 62,676.79	15%	\$ 69,183.45
Salinas Valley Region	132661	SLN 061 Pressure Vessel Replacement	2027	480,522	540,699	37,986	10%	No	N/A	\$ 62,676.79	15%	\$ 69,183.45
Visalia	132662	VIS 052-PT1 - Pressure Vessel Rehab	2025	45,179	52,831	4,107	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132663	BK 2025 Carbon Changeouts	2025	551,686	648,188	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	132664	BK 2026 Carbon Changeouts	2026	579,615	669,854	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	132665	BK 2027 Carbon Changeouts	2027	594,091	686,583	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132666	Audit and Compliance Management App	2027	134,638	139,816	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132667	ImageQuest Upgrade	2027	33,626	34,920	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132668	PowerPlan Upgrade	2027	1,786,411	1,855,116	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	132669	CH 2025 Carbon Changeouts	2025	376,985	441,283	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	132670	CH 2026 Carbon Changeouts	2026	386,410	451,228	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	132671	CH 2027 Carbon Changeouts	2027	396,061	454,926	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132673	Upgrade/ Redesign CalWater.com 2026	2026	107,689	111,831	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	132675	VIS 2025 Carbon Changeouts	2025	758,663	887,164	65,647	10%	No	N/A	\$ -	0%	\$ -
Visalia	132676	VIS 2026 Carbon Changeouts	2026	777,629	907,157	65,646	10%	No	N/A	\$ -	0%	\$ -
Visalia	132677	VIS 2027 Carbon Changeouts	2027	797,051	914,592	65,646	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132678	RDV 2025 Carbon Changeout	2027	78,051	89,267	7,096	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132679	RDV 2027 Carbon Changeouts	2026	78,051	90,557	7,096	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132683	ORO-010 Carbon Changeout	2025	126,444	148,122	10,941	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132684	ORO-010 Carbon Changeout	2027	132,842	152,702	10,941	10%	No	N/A	\$ -	0%	\$ -
Marysville	132685	MRL 010 Carbon Changeout	2026	129,605	150,750	10,941	10%	No	N/A	\$ -	0%	\$ -
Marysville	132686	MRL 015 Carbon Changeout	2025	126,444	147,427	10,941	10%	No	N/A	\$ -	0%	\$ -
Marysville	132687	MRL 015 Carbon Changeout	2026	129,605	150,750	10,941	10%	No	N/A	\$ -	0%	\$ -
Marysville	132688	MRL 015 Carbon Changeout	2027	132,842	151,985	10,941	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132697	BK 219 GAC Vessel Replacement	2027	92,496	106,897	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132698	KRV-LBOD 013 Vessel Replacement	2026	569,021	641,360	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132699	KRV-KERV 001 Carbon Changeout	2025	126,444	150,012	10,941	10%	No	N/A	\$ -	0%	\$ -
Livermore	132700	LIV-010 Carbon Changeout	2027	132,842	152,967	10,941	10%	No	N/A	\$ -	0%	\$ -
Livermore	132701	LIV-014 Carbon Changeout	2026	129,605	151,723	10,941	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132707	BG 2026 Physical Security Upgrades	2026	189,776	220,695	16,021	10%	No	N/A	\$ -	0%	\$ -
Willows	132714	WIL 004 Station Rebuild	2026	37,204	42,139	3,196	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	132728	BG 2027 Physical Security Upgrades	2027	246,363	281,811	20,291	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132731	CH 2025 Physical Security Upgrades	2025	86,619	101,392	7,495	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
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North Valley Region	132732	CH 2026 Physical Security Upgrades	2026	265,856	310,452	22,443	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132735	CH 2027 Physical Security Upgrades	2027	673,829	773,979	55,497	10%	No	N/A	\$ -	0%	\$ -
Dixon	132736	DIX 2025 Physical Security Upgrades	2025	86,072	101,735	7,448	10%	No	N/A	\$ -	0%	\$ -
Dixon	132737	DIX 2026 Physical Security Upgrades	2026	131,356	155,260	11,089	10%	No	N/A	\$ -	0%	\$ -
Dixon	132738	2027 DIX Physical Security Upgrades	2027	44,774	52,055	3,688	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132739	ELA 2025 Physical Security Upgrades	2025	275,844	323,178	23,868	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132740	ELA 2026 Physical Security Upgrades	2026	246,065	282,888	20,772	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132741	ELA 2027 Physical Security Upgrades	2027	364,500	419,046	30,021	10%	No	N/A	\$ -	0%	\$ -
Visalia	132742	VIS-060 Pressure Tank Replacement	2027	480,522	544,840	37,986	10%	No	N/A	\$ 62,676.79	15%	\$ 69,183.45
Visalia	132743	VIS-069 Pressure Tank replacement	2027	480,522	544,840	37,986	10%	No	N/A	\$ 62,676.79	15%	\$ 69,183.45
Visalia	132746	VIS 2025 Flowmeter Replacements	2027	503,844	575,401	45,804	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132749	DOM 2025 Blowoff Replacements	2025	159,942	186,856	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	132750	DOM 2026 Blowoff Replacements	2026	159,942	186,407	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	132751	DOM 2027 Blowoff Replacements	2027	167,140	191,606	15,194	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132752	DOM WB-10 Electrical Upgrade	2027	474,748	535,492	43,159	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132753	DOM WB-21 SCADA Upgrade	2026	421,497	491,239	38,318	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132754	ORO 015 WTP SCADA Upgrades	2025	17,605	20,623	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	132757	LAS LA Hills Stations SCADA upgrade	2025	919,192	1,074,480	9,108	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132760	RDV 2025 NOH Full SCADA System	2025	44,924	53,306	4,084	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132761	KC 2025 Physical Security Upgrades	2025	158,504	186,320	13,715	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132764	KC 2026 Physical Security Upgrades	2026	101,550	119,084	8,573	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132768	KC 2027 Physical Security Upgrades	2027	49,266	56,827	4,058	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132769	KRV LBOD 013 Upgrade PLC	2025	39,738	47,145	3,613	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132770	KRV 2025 Physical Security Update	2025	148,800	176,535	12,875	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132771	KRV 2026 Physical Security Upgrades	2026	405,734	480,204	34,251	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132774	KRV UBOD 104 Instrument Replacement	2025	27,500	32,626	2,500	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132775	KRV LBOD 013 Instrument Replacement	2025	55,000	65,252	5,000	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132776	KRV 2027 Physical Security Upgrades	2027	376,140	437,889	30,979	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132779	BAY SC 107 Pump House Building	2025	164,720	190,738	14,226	10%	No	N/A	\$ 16,240.70	15%	\$ 17,062.89
Visalia	132781	VIS Water Quality Equipment	2025	88,224	103,167	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	132782	LAS 2025 Physical Security Upgrades	2025	376,997	440,687	32,621	10%	No	N/A	\$ -	0%	\$ -
Los Altos	132784	LAS 2026 Physical Security Upgrades	2026	267,392	311,814	22,573	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132786	LUC 2027 Full SCADA system	2027	28,990	33,660	2,635	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132787	COS 2026 Full SCADA system	2026	28,990	27,895	2,635	10%	No	N/A	\$ -	0%	\$ -
CSS	132788	2025 Network Hardware Replacement	2025	320,843	333,183	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132789	2025 SCADA Server & Network Repl.	2025	335,118	348,006	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132790	2025 SAN Storage Upgrade	2025	367,719	381,861	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132791	2025 UPS Replacement	2025	160,000	166,154	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132800	GIS Modernization	2027	807,826	838,895	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132801	EAM Decision support	2027	807,826	838,895	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132802	LIMS Upgrade	2027	430,840	447,410	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132804	Integrate HIS with LIMS	2027	269,275	279,631	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132809	Virtual Reality Safety / Ops Modules	2025	231,138	240,027	20,000	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Livermore	132814	LIV 2026 Physical Security Upgrade	2026	128,108	149,971	10,815	10%	No	N/A	\$ -	0%	\$ -
CSS	132815	Digital Twin Ops Optimization	2026	1,137,370	1,181,113	97,200	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132816	ORO 2026 Physical Security Upgrades	2026	156,913	183,374	13,246	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132817	PV 2026 Physical Security Upgrades	2025	462,391	533,640	39,034	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132818	PV 2027 Physical Security Upgrades	2026	503,462	581,040	41,466	10%	No	N/A	\$ -	0%	\$ -
Selma	132819	SEL 2025 Physical Security Upgrades	2025	100,228	116,630	8,673	10%	No	N/A	\$ -	0%	\$ -
Selma	132820	SEL 2026 Physical Security Upgrades	2026	94,803	108,512	8,003	10%	No	N/A	\$ -	0%	\$ -
Stockton	132821	STK 2026 Physical Security Upgrades	2026	568,933	665,449	48,028	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	132822	SLN 2026 Physical Security Upgrades	2026	709,486	826,698	59,893	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132823	AV 2026 Physical Security Upgrades	2026	123,087	135,105	10,391	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132824	SSF 2025 Physical Security Upgrades	2025	439,017	511,751	37,987	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132829	HR 2025 Physical Security Upgrades	2025	351,896	413,492	30,449	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132830	HR 2026 Physical Security Upgrades	2026	78,298	91,782	3,131	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132831	HR 2027 Physical Security Upgrades	2027	149,461	172,333	12,310	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	132838	BK 2027 Instrumentation Replc.	2027	21,126	24,416	1,740	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132840	DOM 2026 Instrumentation Replc.	2026	5,222	6,086	441	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132841	DOM 2027 Instrumentation Replc.	2027	24,425	28,000	1,836	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132842	CH 2025 Instrumentation Replc.	2025	49,602	58,062	4,292	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132843	ELA 2025 Instrumentation Replc.	2025	7,641	8,953	661	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132844	ELA 2026 Instrumentation Replc.	2026	7,833	9,154	661	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132845	ELA 2027 Instrumentation Replc.	2027	6,690	7,691	551	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132847	KRV 2026 Instrumentation Replc.	2026	47,956	56,759	4,048	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	132848	KRV 2027 Instrumentation Replc.	2027	33,511	39,012	2,760	10%	No	N/A	\$ -	0%	\$ -
Marysville	132849	MRL 2025 Instrumentation Replc.	2025	11,906	13,882	1,030	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	132850	ORO 2026 Instrumentation Replc.	2026	4,015	4,692	339	10%	No	N/A	\$ -	0%	\$ -
Livermore	132851	LIV 2026 Instrumentation Replc.	2026	28,282	33,108	2,388	10%	No	N/A	\$ -	0%	\$ -
Willows	132852	WIL 2025 Instrumentation Replc.	2025	15,026	17,728	1,300	10%	No	N/A	\$ -	0%	\$ -
Stockton	132853	STK 2025 Instrumentation Replc.	2025	26,181	30,696	2,265	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132857	HR 2025 Instrumentation Replc.	2025	7,641	8,979	661	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132858	HR 2026 Instrumentation Replc.	2026	6,527	7,651	551	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132874	DOM 2025 Physical Security Upgrades	2025	520,227	607,765	45,014	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132875	DOM 2026 Physical Security Upgrades	2026	470,892	548,807	39,752	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	132880	DOM 2027 Physical Security Upgrades	2027	538,268	617,062	44,332	10%	No	N/A	\$ -	0%	\$ -
Westlake	132881	WLK 2025 Physical Security Upgrades	2025	75,188	87,414	7,973	10%	No	N/A	\$ -	0%	\$ -
Westlake	132882	WLK 2026 Physical Security Upgrades	2026	81,947	95,271	6,918	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132885	MPS 2025 Physical Security Upgrades	2025	470,035	547,908	40,671	10%	No	N/A	\$ -	0%	\$ -
CSS	132890	PowerPlan Tax Module Upgrade	2027	323,130	335,558	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132895	Office Supplies - IT Field Techn	2024	9,668	10,040	-	0%			\$ -	0%	\$ -
Los Altos	132912	LAS STA 042 Rebuild	2027	2,192,265	2,514,619	199,297	10%	No	N/A	\$ -	0%	\$ -
Livermore	132913	LIV New Main Tesla Road	2027	1,342,515	1,545,901	111,935	10%	No	N/A	\$ 133,138.24	15%	\$ 146,959.71
North Valley Region	132914	ORO South Feather Interconnect	2026	118,916	137,570	13,513	10%	No	N/A	\$ -	0%	\$ -
CSS	132924	Workstations (4) for future staff	2025	38,099	39,564	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132925	Workstations (4) for future staff	2025	40,028	41,567	-	0%	No	N/A	\$ -	0%	\$ -

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CSS	132926	Office Furnishing for Manager	2025	11,550	11,994	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132927	Office Furnishings for Manager	2025	12,135	12,601	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132928	MPS 2026 Physical Security Upgrades	2026	388,928	452,275	32,833	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132933	MPS 2027 Physical Security Upgrades	2027	284,050	324,907	23,395	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132935	SSF 2026 Physical Security Upgrades	2026	488,577	568,155	41,245	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132937	SSF 2027 Physical Security Upgrades	2027	422,125	482,843	34,767	10%	No	N/A	\$ -	0%	\$ -
Visalia	132949	VIS 2025 Physical Security Upgrades	2025	282,041	329,812	24,405	10%	No	N/A	\$ -	0%	\$ -
Visalia	132950	VIS 2026 Physical Security Upgrades	2026	411,373	479,895	34,727	10%	No	N/A	\$ -	0%	\$ -
Visalia	132951	VIS 2027 Physical Security Upgrades	2027	442,015	507,199	36,405	10%	No	N/A	\$ -	0%	\$ -
Westlake	132952	WLK 2027 Physical Security Upgrades	2027	75,640	86,499	6,230	10%	No	N/A	\$ -	0%	\$ -
Livermore	132954	LIV 34 - VFD INSTALLATION	2024	87,202	104,564	-	0%			\$ -	0%	\$ -
CSS	132957	2025 UWMP Development	2026	968,501	1,110,880	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132962	Demand Model Update	2025	125,762	145,460	-	0%	No	N/A	\$ -	0%	\$ -
CSS	132963	CSS Climate Change Study - 2025	2027	445,252	505,342	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	132967	LHUG 001 Portable Generator	2027	29,167	32,224	6,683	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132968	BAY New Main Delores Parkside	2026	299,461	348,235	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	132970	ELA 004-T1 Altitude Valve	2027	142,195	163,474	11,711	10%	No	N/A	\$ 14,571.77	15%	\$ 16,084.51
Los Altos	132972	LAS Transmission Valve	2026	688,751	799,410	58,927	10%	No	N/A	\$ 67,132.10	15%	\$ 72,293.93
LA County Region	132973	LEO-001 Generator	2027	801,462	886,586	67,982	10%	No	N/A	\$ 84,585.37	15%	\$ 93,366.42
LA County Region	132974	LAN 001-T2 Cathodic Protection	2026	16,599	18,523	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	132976	LAN 001 CrVI Treatment	2027	680,503	753,752	61,864	10%	No	N/A	\$ -	0%	\$ -
LA County Region	132977	FMT 001 Station Rebuild	2027	1,027,990	1,128,364	86,764	10%	No	N/A	\$ 107,955.35	15%	\$ 119,162.51
LA County Region	132978	LHUG 001 Flood Protection	2025	143,965	161,039	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	132979	LHUG 002 Greensand Media	2025	22,910	25,627	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	132980	LHUG 003-T1 Cathodic Protection	2025	13,273	14,847	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	132982	AV 2026 Tank Improvements	2026	6,621	7,389	2,508	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132983	SSF 008-T1 Preliminary Design	2026	830,667	949,604	71,430	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132984	SM 027 Paving	2026	1,024,173	1,171,487	87,526	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132985	SC 117 Station Rebuild Constr	2027	992,658	1,118,615	141,908	10%	No	N/A	\$ 112,032.38	10%	\$ 123,662.79
Bay Area Region	132988	SSF 001 Cr-As Treatment Pilot Study	2025	72,493	84,300	6,273	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132989	SC 112 T2-T3 Residual Control	2027	1,205,420	1,349,618	102,718	10%	No	N/A	\$ 117,020.83	15%	\$ 129,169.10
Bay Area Region	132991	SC 109 New Generator and ATS	2027	567,488	642,243	48,089	10%	No	N/A	\$ 54,785.00	15%	\$ 60,472.39
Bay Area Region	132992	BAY 2025 Grid Strengthening	2026	545,775	634,668	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132993	SC Wildfire Mitigation 585 Zone	2027	1,351,392	1,542,500	112,735	10%	No	N/A	\$ 128,432.66	15%	\$ 141,765.63
Bay Area Region	132994	BAY 2025 Replace Isolation Valves	2025	139,972	163,162	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132995	BAY 2026 Replace Isolation Valves	2026	139,972	162,770	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132996	BAY 2027 Replace Isolation Valves	2027	139,972	160,105	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132997	MPS Replace Transmission Valves	2026	2,128,901	2,424,807	193,536	10%	No	N/A	\$ 152,791.93	15%	\$ 164,540.20
Bay Area Region	132998	SM 017 Station Rebuild Construction	2027	1,003,081	1,135,218	229,841	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	132999	MPS 2025 Tank Improvements	2025	1,585,920	1,844,227	144,175	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133000	SSF 2025 Tank Improvements	2025	613,682	713,635	53,101	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133001	MPS 2026 Tank Improvements	2026	1,021,270	1,187,609	92,843	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133002	SSF 2026 Tank Improvements	2026	663,877	772,006	56,043	10%	No	N/A	\$ -	0%	\$ -

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Bay Area Region	133003	SSF 2027 Tank Improvements	2027	284,400	325,307	23,423	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133004	MPS 2027 Tank Improvements	2027	948,073	1,084,441	86,188	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133005	BG 022 New Generator	2027	228,040	258,640	21,846	10%	No	N/A	\$ 23,617.48	15%	\$ 26,069.28
Bear Gulch	133006	BG 043 New Generator	2027	503,664	576,136	42,342	10%	No	N/A	\$ 48,238.01	15%	\$ 53,245.74
Bear Gulch	133008	BG 005 Variable Frequency Drive	2027	196,173	220,117	17,834	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133009	BG Skylonda to Skyline Main Conn	2027	1,158,428	1,319,492	97,527	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133011	Bay Area Water Transfer (BG)	2026	270,565	314,647	22,841	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133012	BG 036 New 125K Gal Tank	2027	1,058,510	1,203,115	89,185	10%	No	N/A	\$ 101,603.53	15%	\$ 112,151.29
Bear Gulch	133013	BG Brackish Aquifer Conductivity	2025	571,553	664,674	49,456	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133014	BG KM Tanks Farm Station Rebuild	2027	273,850	309,933	27,772	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133016	BG 053 Tank Design & Permitting	2027	296,037	335,043	26,912	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133017	BG Watershed Restor/Fire Protection	2025	182,038	212,206	15,751	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133018	BG 016-T2 Mixing and Dosing	2027	1,177,813	1,318,719	100,366	10%	No	N/A	\$ 114,340.81	15%	\$ 126,210.86
Bear Gulch	133019	BG 017-T1 Mixing and Dosing	2027	1,177,813	1,318,719	100,366	10%	No	N/A	\$ 114,340.81	15%	\$ 126,210.86
Bear Gulch	133022	BG 002 New Ops Building Design	2027	1,204,500	1,377,813	109,500	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133023	BG 002 Staff Housing	2026	155,100	180,370	14,100	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133024	BG 002 Cathodic Protection	2026	12,212	14,202	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133025	BG 021 Cathodic Protection	2026	23,322	27,121	2,120	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133026	BG 2025 Tank Improvements	2025	1,104,721	1,284,709	95,590	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133028	BG 2027 Tank Improvements	2027	305,921	349,940	25,196	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133029	CH 050 Partial Station Rebuild	2026	682,011	782,726	58,583	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133030	CH 080 Automatic Discharge Valve	2026	298,800	342,925	25,666	10%	No	N/A	\$ 30,527.86	15%	\$ 32,875.17
North Valley Region	133031	CH 064 New Generator	2027	456,045	516,108	38,683	10%	No	N/A	\$ 46,010.15	15%	\$ 50,786.60
North Valley Region	133032	CH Portable Booster Pumps	2025	324,798	380,195	28,104	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133033	CH PBC South of Canyon Oaks CC	2025	67,612	78,755	5,850	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133034	CH 044 Wildfire Pump Storage	2027	2,753,487	3,147,199	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	133035	CH 066-T2 Cathodic Protection	2025	18,733	21,928	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	133036	CH 074-T1 Cathodic Protection	2025	19,221	22,499	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	133037	CH 2025 Tank Improvements	2025	818,955	958,634	70,863	10%	No	N/A	\$ -	0%	\$ -
Dixon	133040	DIX 004 Install VFD	2027	297,629	336,538	137,242	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133047	DOM 232 Nitrification Improvements	2026	915,411	1,061,976	83,219	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133049	DOM 2025 Hydrant Iso-Valve Install	2025	669,599	782,272	60,873	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133050	DOM 2026 Hydrant Iso-Valve Installs	2026	175,670	204,737	14,830	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133051	DOM 2027 Hydrant-Iso Valve Installs	2027	1,034,714	1,186,178	85,220	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133052	DOM 277 Effluent Booster VFD	2027	150,416	169,661	13,674	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133053	DOM 203 Station Rebuild	2027	2,739,388	3,140,389	260,242	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133055	DOM 203-T3 Cathodic Protection	2026	39,171	45,652	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133056	DOM 215-T1 Cathodic Protection	2025	15,716	18,360	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133057	DOM 277-T1 Cathodic Protection	2025	15,376	17,963	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133058	DOM 279-T1 Cathodic Protection	2026	14,086	16,416	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133059	DOM 279-T2 Cathodic Protection	2026	14,086	16,416	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133060	DOM 297-T1 Cathodic Protection	2026	14,086	16,416	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133061	DOM 298-T1 Cathodic Protection	2025	14,901	17,408	-	0%	No	N/A	\$ -	0%	\$ -

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East Los Angeles	133062	ELA 010 Altitude Replacement	2027	25,781	28,965	10,882	10%	No	N/A	\$ 13,540.04	15%	\$ 14,945.67
East Los Angeles	133063	ELA 042 Altitude Valve Replacement	2027	131,814	148,093	11,072	10%	No	N/A	\$ 13,776.48	15%	\$ 15,206.66
East Los Angeles	133064	ELA 058 Altitude Valve Replacement	2027	36,349	40,943	12,274	10%	No	N/A	\$ 15,271.62	15%	\$ 16,857.01
East Los Angeles	133065	ELA 060 Altitude Valve Replacement	2027	144,548	162,819	12,127	10%	No	N/A	\$ 15,088.57	15%	\$ 16,654.96
East Los Angeles	133067	ELA Small Portable Generators	2025	2,709	3,174	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133068	ELA 042 Mixing and Dosing	2027	1,137,561	1,294,572	95,081	10%	No	N/A	\$ 118,303.31	15%	\$ 130,584.72
East Los Angeles	133069	ELA 058 Nitrification Treatment	2026	1,063,321	1,210,085	91,097	10%	No	N/A	\$ 113,346.06	15%	\$ 122,061.31
East Los Angeles	133070	ELA 023-T1 Cathodic Protection	2025	9,453	11,075	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133071	ELA 040-T3 Cathodic Protection	2025	16,715	19,583	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133072	ELA 2025 Tank Improvements	2025	34,544	40,472	2,989	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133073	ELA 2026 Tank Improvements	2026	178,262	208,349	15,049	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133074	ELA 2027 Tank Improvements	2027	1,162,385	1,336,332	187,522	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133075	HR 005-T1 Cathodic Protection	2027	41,396	47,730	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133076	HR 009-T3 Cathodic Protection	2027	16,842	19,420	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133077	HR 026-T2 Cathodic Protection	2027	16,037	18,491	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133079	HR 026-T3 Cathodic Protection	2025	15,153	17,805	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133080	HR 008 Roof Replacement	2026	44,139	51,741	3,772	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133082	HR 026 Station Rebuild Constr	2027	1,832,710	2,113,165	166,610	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133083	HR 005 Station Rebuild Constr	2027	563,816	635,720	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133086	KC 2025 Fire Hydrant Replacements	2025	51,923	61,035	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133087	KC 2026 Fire Hydrant Replacements	2026	51,923	60,889	4,720	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133088	KC 2027 Fire Hydrant Replacements	2027	47,203	54,447	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133089	KC 2026 Tank Improvements	2026	250,888	294,207	40,913	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133090	KC 2027 Tank Improvements	2027	24,931	28,758	4,066	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133091	KC Office Generator	2027	572,745	658,796	48,183	10%	No	N/A	\$ 57,310.20	15%	\$ 63,259.74
Salinas Valley Region	133092	KC 012 New Generator	2027	671,323	761,364	56,943	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133093	KC Grid Stregthening	2027	1,861,036	2,146,644	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	133103	LAS 2025 Tank Improvements	2025	1,620,985	1,894,835	140,262	10%	No	N/A	\$ -	0%	\$ -
Livermore	133106	LIV 2025 Tank Improvements	2025	49,224	57,764	4,259	10%	No	N/A	\$ -	0%	\$ -
Livermore	133107	LIV 2026 Tank Improvements	2026	1,319,796	1,545,035	217,484	10%	No	N/A	\$ -	0%	\$ -
Livermore	133108	LIV 029-T2 Cathodic Protection	2026	27,833	32,583	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	133109	LIV Auto Flusher	2026	73,098	85,573	6,171	10%	No	N/A	\$ -	0%	\$ -
Livermore	133110	LIV Pump House Roof Replacements	2026	348,900	408,444	29,454	10%	No	N/A	\$ -	0%	\$ -
Livermore	133111	LIV 022-T1 Chloramination System	2027	1,138,116	1,275,715	96,983	10%	No	N/A	\$ 115,354.25	15%	\$ 127,329.51
Livermore	133113	LIV 025-T2 Chloramination	2027	1,176,252	1,318,462	100,233	10%	No	N/A	\$ 119,219.61	15%	\$ 131,596.14
Livermore	133115	LIV 029 Chloramination System	2027	1,128,117	1,264,507	96,131	10%	No	N/A	\$ 114,340.81	15%	\$ 126,210.86
Marysville	133118	MRL Well Siting Study	2025	203,715	236,951	17,627	10%	No	N/A	\$ -	0%	\$ -
Marysville	133119	MRL Well Land Acquisition	2027	614,396	699,932	51,284	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133120	ORO 016-T1 Cathodic Protection	2026	32,363	37,821	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	133121	ORO Riverview Terrace Dr New PRV	2026	358,043	414,208	30,674	10%	No	N/A	\$ 36,484.74	15%	\$ 39,290.07
North Valley Region	133122	ORO 011 Station Rebuild	2027	957,740	1,095,380	80,953	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133123	ORO 015 Clarification Improvements	2027	1,195,610	1,360,516	99,933	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133124	ORO 015 Chlorine System	2027	603,798	683,584	51,215	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
North Valley Region	133125	ORO 015 Sed Basin Improv Design	2027	404,692	462,852	34,071	10%	No	N/A	\$ -	0%	\$ -
LA County Region	133126	PV 004 Portable Generator Conn	2027	123,033	141,990	20,772	10%	No	N/A	\$ -	0%	\$ -
LA County Region	133127	PV 015 Station Rebuild Constr	2025	4,943,493	5,672,842	449,408	10%	No	N/A	\$ -	0%	\$ -
Westlake	133132	WLK Portable Booster Pump	2026	381,313	443,314	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	133133	WLK 007 Driveway & Wall Constr	2027	539,556	617,019	49,051	10%	No	N/A	\$ -	0%	\$ -
Westlake	133134	WLK 008 Access Road Replacement	2026	773,782	875,592	70,344	10%	No	N/A	\$ -	0%	\$ -
Westlake	133135	WLK 009 Access Road Replacement	2027	600,832	671,238	54,621	10%	No	N/A	\$ -	0%	\$ -
Westlake	133136	WLK WSFMP Update	2025	191,969	223,183	16,611	10%	No	N/A	\$ -	0%	\$ -
Willows	133137	WIL 2025 Tank Improvements	2025	316,221	373,074	27,362	10%	No	N/A	\$ -	0%	\$ -
Visalia	133139	VIS 012-T2 Cathodic Protection	2025	16,462	19,250	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	133146	VIS Well Siting Study	2025	165,350	192,438	14,307	10%	No	N/A	\$ -	0%	\$ -
Visalia	133147	VIS Recharge Feasibility Study	2025	186,282	217,834	16,119	10%	No	N/A	\$ -	0%	\$ -
Visalia	133149	VIS Property Purchase	2026	865,686	976,842	74,360	10%	No	N/A	\$ -	0%	\$ -
Visalia	133152	VIS 048 New Generator	2027	995,164	1,141,921	90,469	10%	No	N/A	\$ -	0%	\$ -
Visalia	133153	VIS 080 New Generator	2026	759,794	865,632	69,072	10%	No	N/A	\$ -	0%	\$ -
Visalia	133156	VIS New Tank & Booster Sta Property	2027	971,728	1,109,735	82,135	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133158	BK NEWTP Benchtop Turbidimeter	2025	5,750	6,772	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133160	BK NEWTP pH Probes and Controllers	2025	29,844	35,149	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133161	BK NWWTP Benchtop Turbidimeter	2025	7,000	8,244	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133163	BK NWWTP pH Probes and Controllers	2025	11,000	12,955	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133164	BK 2025 Service Line Replacements	2025	6,988,593	8,230,825	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133165	BK 2026 Service Line Replacements	2026	7,119,322	8,364,649	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133166	BK 2027 Service Line Replacements	2027	7,266,066	8,397,301	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133168	BK 087-T8 Cathodic Protection	2026	19,045	22,377	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133169	BK 100-T1 Cathodic Protection	2026	14,848	17,446	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133170	BK 116-T4 Cathodic Protection	2026	18,668	21,934	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133171	BK 188-T1 Cathodic Protection	2026	14,776	17,361	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133172	BK 213-T2 Cathodic Protection	2026	14,612	17,168	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133173	BK 216-T1 Cathodic Protection	2026	36,920	43,379	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133175	BK 2026 Chemical Tank Replacements	2026	34,157	40,132	2,884	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133176	BK 2027 Chemical Tank Replacements	2027	35,010	40,461	2,884	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133181	BK Low Zone - Kern River Crossing	2027	1,282,944	1,443,323	109,184	10%	No	N/A	\$ 90,152.17	10%	\$ 99,511.13
Bakersfield	133182	BK NEWTP MF Feed Pumps VFD	2027	444,977	514,254	40,452	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133187	BK 2026 Station Resurfacing	2026	443,163	520,682	37,411	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133188	BK 2027 Station Resurfacing	2027	489,177	565,336	40,289	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133189	BK Low Zone Well Siting Study	2025	185,653	218,653	16,064	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133190	BK Railroad Main Replacement Study	2026	502,223	590,073	42,397	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133192	BK NG Property Purchase #2	2025	545,083	641,972	47,165	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133194	BK NG Property Purchase	2026	551,276	633,345	47,165	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133196	BK 216 Polymer Storage	2026	198,512	233,237	18,047	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133197	BK NEWTP New Filter Modules	2026	629,321	727,299	53,782	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133198	BK NEWTP Raw Water Pumps VFD	2027	864,640	999,254	160,581	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133199	BK Property Purchase (Office)	2027	3,500,000	4,044,906	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Stockton	133200	STK 2025 Tank Improvements	2025	559,853	656,405	48,443	10%	No	N/A	\$ -	0%	\$ -
Stockton	133202	STK 069-T1 Cathodic Protection	2025	29,872	35,023	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	133203	STK 035 New Generator	2027	633,377	717,388	53,724	10%	No	N/A	\$ 63,901.12	15%	\$ 70,534.88
Stockton	133204	STK 061 Automatic Transfer Switch	2027	59,427	66,779	25,084	10%	No	N/A	\$ -	0%	\$ -
Stockton	133206	STK Portable Generators	2027	1,029,257	1,062,162	93,569	10%	No	N/A	\$ -	0%	\$ -
Stockton	133207	STK 075 Panelboard	2027	150,492	171,349	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	133209	STK 080 Station Rebuild	2027	971,879	1,112,358	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	133210	STK 018 Well Assessment	2027	374,567	430,938	31,230	10%	No	N/A	\$ -	0%	\$ -
Stockton	133211	STK Well Siting Study	2026	291,320	331,044	25,159	10%	No	N/A	\$ -	0%	\$ -
Stockton	133212	STK 036 Well Assessment	2027	201,335	230,437	37,392	10%	No	N/A	\$ -	0%	\$ -
Stockton	133213	STK 059 Well Assessment	2025	348,729	406,756	30,175	10%	No	N/A	\$ -	0%	\$ -
Stockton	133216	STK Property Purchase #1	2027	762,450	865,850	64,354	10%	No	N/A	\$ -	0%	\$ -
Stockton	133217	STK Land Purchase #2	2027	787,097	900,867	66,529	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133218	SLN 2025 Tank Improvements	2025	105,878	123,667	9,161	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133219	SLN 2026 Tank Improvements	2026	641,976	748,035	54,194	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133220	SLN 2027 Tank Improvements	2027	306,319	351,082	25,229	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133223	SLN 072 New Generator	2027	288,981	326,681	26,271	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133224	SLN 203 New Generator	2027	565,409	639,170	47,959	10%	No	N/A	\$ 57,043.80	15%	\$ 62,965.68
Salinas Valley Region	133225	SLN 057 New Generator	2027	559,738	632,759	47,478	10%	No	N/A	\$ 56,471.67	15%	\$ 62,334.16
Salinas Valley Region	133227	SLN 805 Zone PBC	2027	71,024	80,289	5,850	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133228	SLN Well Siting Study	2025	164,138	190,842	14,203	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133229	SLN WSFMP Update	2027	292,539	335,288	24,094	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133230	SLN Pipe Design 180 to 400 Zones	2026	1,110,599	1,282,280	94,834	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133232	SLN 078 New Well Equipping	2026	2,320,074	2,678,719	198,497	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133233	SLN New Well Station 155 Zone	2027	5,499,650	6,303,323	468,714	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133235	SLNH Property Purchase	2026	791,998	908,117	68,030	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133236	SLN 037 Treatment Plant Upgrades	2027	2,715,417	3,105,132	246,856	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133237	SLN 039 As Treatment	2027	2,564,863	2,912,868	233,169	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133238	SLN 064 Ion Exchange	2027	3,185,075	3,600,590	289,552	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133239	SLN 065 Install Upgraded Treatment	2027	2,570,083	2,925,511	233,644	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133240	SLN 203 Treatment Maintenance	2027	350,877	400,318	28,899	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133241	SLN 303 Treatment Maintenance	2025	330,969	385,695	28,638	10%	No	N/A	\$ -	0%	\$ -
Selma	133248	SEL 016 Panelboard & Generator	2027	2,388,112	2,733,442	201,561	10%	No	N/A	\$ 159,126.84	10%	\$ 175,646.26
Selma	133249	SEL New Well 2 Land Purchase	2027	352,894	394,276	30,113	10%	No	N/A	\$ -	0%	\$ -
Selma	133251	SEL 2025 Tank Improvements	2025	597,508	696,967	96,904	10%	No	N/A	\$ -	0%	\$ -
Selma	133252	SEL 021-T1 Cathodic Protection	2026	23,121	26,905	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133256	NOH 201-A Pump Replacement	2027	47,002	54,271	4,273	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133257	LUC 003-T1 Cathodic Protection	2026	16,442	19,408	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133258	LUC 005-T1 Cathodic Protection	2025	17,837	21,105	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133259	COS 007-T4 Cathodic Protection	2027	17,520	16,582	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133260	LUC PRV Install 17th & Country Club	2027	977,415	1,134,848	81,494	10%	No	N/A	\$ 92,841.03	15%	\$ 102,479.13
Bay Area Region	133261	LUC Portable Generator	2027	17,630	18,170	7,442	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133265	ARM 001 Electrical Panel Cover	2025	68,402	80,488	5,919	10%	No	N/A	\$ 7,364.28	15%	\$ 7,737.10

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Bay Area Region	133266	NOH 201 Plant Re-Design	2027	426,246	492,168	35,976	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133267	RDV 205 ARM Well Siting Study	2025	248,303	291,477	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133268	COS 004 Station Rebuild	2027	1,366,584	1,293,416	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133269	COS Potable Reuse Study	2027	204,768	193,805	18,615	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133271	HKN 001 Station Rebuild Constr	2027	1,308,518	1,506,543	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	133273	LAS 2026 Isolation Valve Install	2026	1,234,576	1,439,678	104,221	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133274	LAS 2027 Isolation Valve Install	2027	1,265,410	1,451,477	104,221	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133276	LAS New PRV Blandor To Price	2026	750,554	873,194	64,177	10%	No	N/A	\$ 73,113.06	15%	\$ 78,734.77
Los Altos	133278	LAS 037 Generator for SCADA	2025	37,188	43,471	3,381	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133281	LAS PRV Replace El Monte & Foothill	2026	957,185	1,116,204	81,801	10%	No	N/A	\$ 93,191.34	15%	\$ 100,356.88
Los Altos	133282	LAS 014 New Pump 505 Zone	2027	201,005	230,021	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	133283	LAS 117 Station Rebuild Constr	2027	1,395,763	1,600,998	126,888	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133284	LAS Well Hardness Study	2027	311,441	357,235	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	133285	LAS WSFMP Update	2026	299,681	349,468	25,299	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133287	LAS New Well Property Purchase	2026	4,786,474	5,568,578	409,273	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133290	LAS 112 Chlorination	2027	1,178,004	1,319,551	100,382	10%	No	N/A	\$ 114,359.30	15%	\$ 126,231.27
Los Altos	133291	LAS 116 Disinfection	2027	1,183,253	1,341,335	113,779	10%	No	N/A	\$ 99,872.26	15%	\$ 110,240.29
Los Altos	133294	LAS 123 Disinfection	2027	1,179,822	1,353,304	-	0%	No	N/A	\$ 112,066.98	15%	\$ 123,700.98
Rancho Dominguez	133305	RDOM Digital Signage Hardware	2024	11,754	12,102	1,175	10%			\$ -	0%	\$ -
Bakersfield	133313	BK 2026 Physical Security Upgrades	2026	1,018,793	1,177,406	86,005	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133314	BK 2027 Physical Security Upgrades	2027	831,067	960,453	68,442	10%	No	N/A	\$ -	0%	\$ -
CSS	133317	Design Electrical Service Expansion	2025	279,539	323,321	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133318	REPLACE BLDG ROOF SHINGLE AND CARPO	2025	304,117	351,749	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133319	CSS- DESIGN NEW 4TH ST ENTRY	2025	268,582	304,829	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	133323	BK Office Digital Signage	2024	14,074	14,532	1,500	10%			\$ -	0%	\$ -
Bay Area Region	133346	ADDITIONAL VEHICLES	2025	143,251	152,614	13,023	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133367	BAY Copy Machine	2025	26,142	27,359	2,377	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133368	SSF Field Yard Pipe Racks	2025	36,075	42,052	3,280	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133369	BAY Leak Detection Equipment	2025	21,989	23,014	1,903	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133370	BAY Forklift	2025	50,966	53,340	4,410	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133371	BAY Water Quality Testing Units	2025	42,058	44,018	3,730	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133372	BAY Locating Equipment	2025	43,035	45,040	3,912	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133373	BAY Portable Lighting	2025	6,715	7,027	581	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133374	BAY Pressure Data Loggers	2027	86,586	90,619	7,308	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133375	BAY Solar Arrow/ Message Board	2025	31,132	32,582	2,694	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133376	BAY Field Yard Classroom Remodel	2027	571,509	653,714	51,955	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133378	BK Fire Flow/Hydrant Testing Equip	2025	6,592	7,764	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	133379	CH 081 Parking Lot Improvements	2025	17,624	20,630	1,525	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133380	CH Office HVAC Replacement	2026	122,604	143,170	10,350	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133381	CH New Roof at District Office	2026	278,034	303,012	23,471	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133382	CH Solar EV Charger	2025	106,219	124,335	9,191	10%	No	N/A	\$ -	0%	\$ -
Dixon	133383	DIX Dump Trailer	2025	11,588	12,327	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	133384	DIX Field pH Meters	2025	3,179	3,382	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Dixon	133385	DIX Office Improvements	2026	28,892	34,150	2,439	10%	No	N/A	\$ -	0%	\$ -
Dixon	133386	DIX Portable Well Sounder	2025	3,016	3,209	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	133388	DIX Teletoggers	2025	1,374	1,462	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	133389	DIX Fire Flow/Hydrant Testing Equip	2025	972	1,034	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	133390	DOM 232 Safety Improvements	2026	147,167	171,517	13,379	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133391	ELA Trash Pumps	2025	2,964	3,473	257	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133392	ELA Construction Message Board	2025	20,855	21,937	1,805	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133393	ELA Light Tower	2025	18,004	18,939	1,558	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133394	ELA Pneumatic Tool	2025	3,641	3,830	1,558	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133395	ELA Portable Valve Machines	2025	19,488	20,499	1,686	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133396	ELA Purchase SL-1000 Units	2025	5,100	5,364	441	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133397	ELA Towable Compressor	2025	28,546	30,027	2,470	10%	No	N/A	\$ -	0%	\$ -
Los Altos	133398	LAS Fire Flow/Hydrant Testing Equip	2025	6,592	6,918	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	133400	LIV Copy Machine	2026	11,387	11,998	961	10%	No	N/A	\$ -	0%	\$ -
Livermore	133401	LIV Ice Machine	2026	1,161	1,223	98	10%	No	N/A	\$ -	0%	\$ -
Marysville	133402	MRL Fire Flow/Hydrant Testing Equip	2025	4,045	4,234	350	10%	No	N/A	\$ -	0%	\$ -
Stockton	133403	STK 051 Landscape/Connect Parking	2026	20,240	23,674	1,840	10%	No	N/A	\$ -	0%	\$ -
Visalia	133406	VIS EOC AV Equipment and Furniture	2025	70,096	81,968	6,372	10%	No	N/A	\$ -	0%	\$ -
Visalia	133411	VIS Fire Monitoring System	2025	24,905	29,123	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	133413	VIS Office Space Acquisition	2025	1,548,100	1,776,399	142,100	10%	No	N/A	\$ -	0%	\$ -
Visalia	133416	VIS Building Upgrades Design	2027	679,800	780,050	61,800	10%	No	N/A	\$ -	0%	\$ -
Willows	133417	WIL Fire Flow/Hydrant Testing Equip	2025	7,618	8,070	659	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133458	KERV 001-T3 Cathodic Protection	2027	18,295	21,298	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133459	SOLA 001-T1 Cathodic Protection	2026	16,436	19,452	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133462	ONYX 003-T2 Cathodic Protection	2027	15,685	18,260	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133463	ONYX 003-T3 Cathodic Protection	2027	15,685	18,260	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133466	SQRL 013-T1 Cathodic Protection	2027	10,737	12,500	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133467	ARD 014-T1 Cathodic Protection	2027	10,737	12,500	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133469	ARD 001 GS Media Replacement	2025	185,900	220,550	16,900	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133470	KERV-001 Amiad Screen Replacement	2025	16,500	19,575	1,500	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133471	SMTN 001 GS Media Replacement	2025	6,160	7,308	560	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133472	LBOD 013 GS Replacement	2025	6,160	7,308	560	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133473	UBOD 104 GS Media Replacement	2025	157,300	186,619	14,300	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133474	SMTN 001 Well Improvement Study	2026	345,747	406,312	31,432	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133476	SOLA Well Siting Study	2027	235,092	271,751	19,362	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133478	KERV 001 Treatment Upgrades	2027	465,012	526,042	42,274	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133483	KRV Utility Locating Equipment	2027	35,883	38,222	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133486	NOH 202 Paving and Grading	2027	145,497	165,582	13,227	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133487	RDV 2025 Tank Improvements	2025	476,111	563,592	41,197	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133488	RDV 2026 Tank Improvements	2026	333,610	394,908	28,163	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133489	RDV 2027 Tank Improvements	2025	246,573	287,100	21,336	10%	No	N/A	\$ -	0%	\$ -
CSS	133490	CSS 2025 Asset Mgmt Large Tools	2025	101,150	105,040	8,752	10%	No	N/A	\$ -	0%	\$ -
CSS	133491	CSS 2026 Asset Mgmt Large Tools	2026	106,790	110,897	9,015	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
CSS	133492	CSS 2027 Asset Mgmt Large Tools	2027	112,740	117,076	9,285	10%	No	N/A	\$ -	0%	\$ -
CSS	133493	ROV for Asset Condition Assessment	2025	134,868	140,055	11,670	10%	No	N/A	\$ -	0%	\$ -
Travis	133495	TAB STA 002-T2 Cathodic Protection	2025	28,531	33,336	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133496	TAB 2025 Tank Improvements	2025	1,089,281	1,272,727	96,610	10%	No	N/A	\$ -	0%	\$ -
Travis	133497	TAB 2025 Hydrant Check Valves	2025	59,245	69,223	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133499	TAB 2025 Valve Insertions	2025	78,929	92,221	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133500	TAB 2026 Hydrant Check Valves	2026	60,727	70,783	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133502	TAB 2026 Valve Insertions	2026	80,902	94,300	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133503	TAB 2027 Hydrant Check Valves	2027	62,243	71,363	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133505	TAB 2027 Valve Insertions	2027	82,923	95,073	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133506	TAB STA 001 Control Valves	2026	275,607	314,531	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133507	TAB STA 002 Control Valves	2027	282,494	322,391	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133509	TAB 2025 Main Location	2025	85,868	99,866	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133510	TAB 2027 Main Location	2027	90,212	103,430	7,430	10%	No	N/A	\$ -	0%	\$ -
Travis	133513	TAB WS&F Master Plan	2025	257,248	299,849	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133514	TAB 004 Chlorine Boosting	2026	219,453	246,964	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133515	TAB 010 Chlorine Boosting	2027	224,938	253,137	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133516	TAB 002-T2 Spray Aeration	2026	1,065,294	1,215,747	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133517	TAB Office Design	2027	524,126	600,921	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133518	TAB 2026 Backflow Prevention	2026	501,905	585,022	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133519	TAB 2026 Main Location	2026	88,014	102,590	7,430	10%	No	N/A	\$ -	0%	\$ -
Travis	133520	TAB 2027 Backflow Prevention	2027	514,440	589,816	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133521	TAB Compactor/Jackhammer/Compressor	2025	100,854	105,800	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133522	TAB Insert Valve Machine	2025	96,458	101,188	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133523	TAB Leak Correlator	2025	22,637	23,747	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133524	TAB Portable Well Sounder	2025	3,016	3,164	-	0%	No	N/A	\$ -	0%	\$ -
Travis	133525	TAB Radio Locator	2025	11,546	12,113	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133533	CSS Rooftop Solar	2026	3,600,000	4,153,848	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133538	Halo Acetic Acids analytical tester	2025	455,328	472,840	39,399	10%	No	N/A	\$ -	0%	\$ -
CSS	133544	High perf PC's + CSSmonitors	2027	10,400	10,800	900	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133565	Skytonda - Skyline Main Conn	2025	1,160,181	1,337,761	163,758	20%			\$ -	0%	\$ -
Bear Gulch	133576	BG Sta 53 - PRV Addition	2024	136,471	162,561	18,872	20%			\$ -	0%	\$ -
Bakersfield	133577	Bakersfield Onsite Solar	2026	7,800,000	9,164,393	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133578	Network Hardware Replacement_2027	2027	345,505	358,793	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133579	Network Hardware Replacement 2026	2026	337,086	350,050	-	0%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133580	RDOM Replace Media Ctr Furniture	2025	79,754	83,650	6,901	10%	No	N/A	\$ -	0%	\$ -
CSS	133584	CSS- STUDY TO RELOCATE GAS LINE	2025	132,089	152,778	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133585	CSS-RDOM 2ND FL. REDESIGN	2025	97,858	113,185	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133593	BG - AMI INITIATIVE-VEHICLES/EQUIP	2025	559,957	586,068	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133596	CSS 2025 mobile water stations	2025	77,011	79,973	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	133597	LAS-AMI INITIATIVE-VEHICLES/EQUIP	2025	474,132	497,609	41,026	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133598	RDOM-AMI INITIATIVE-VEHICLES/EQUIP	2025	559,957	587,310	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133599	BSH-AMI INITIATIVE-VEHICLES/EQUIPM	2025	1,048,689	1,097,542	-	0%	No	N/A	\$ -	0%	\$ -

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Westlake	133601	WLK-AMI INITIATIVE-VEHICLES/EQUIP	2025	302,482	316,499	26,173	10%	No	N/A	\$ -	0%	\$ -
CSS	133602	CSS 2026 RO Model Improvements	2026	266,530	276,781	22,500	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133605	RDOM Replace Office Furniture	2027	82,106	86,117	6,930	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133606	RDOM Replace Stairwell Carpet	2025	86,677	90,911	7,500	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133607	RDOM Replace Pergola	2026	88,844	103,537	7,500	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133608	RDOM LED Light Fixture Retrofit	2026	321,495	374,667	27,140	10%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	133609	RDOM Updated First Floor Space Plan	2027	97,954	112,286	8,268	10%	No	N/A	\$ -	0%	\$ -
Westlake	133610	WLK 2027 AMI INITIATIVE-METERS	2027	2,188,453	2,502,645	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	133620	AV 2027 AMI INITIATIVE-METERS	2027	219,663	241,111	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	133622	BG 2027 AMI INITIATIVE-METERS	2027	5,109,121	5,844,264	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	133625	LAS 2027 AMI INITIATIVE-METERS	2027	4,939,695	5,666,034	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133627	MPS 2027 AMI INITIATIVE-METERS	2027	9,189,163	10,510,910	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	133629	PV 2027 AMI INITIATIVE-METERS	2026	6,281,129	7,248,977	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133632	RDV 2027 AMI INITIATIVE-METERS	2027	497,499	579,269	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133634	SSF 2027 AMI INITIATIVE-METERS	2027	4,296,428	4,914,416	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133646	CSS 2026 AMI INITIATIVE-IT INT/DEV	2026	1,537,615	1,596,751	139,783	10%	No	N/A	\$ -	0%	\$ -
CSS	133654	SCADA Server & Network Repl. 2026	2026	343,496	356,707	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133655	SCADA Server & Network Repl. 2027	2027	352,075	365,616	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133658	Upgrade CalWater.com 2025	2025	105,062	109,103	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133659	Upgrade CalWater.com 2027	2027	110,379	114,624	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133661	30 Mobile Power Generators	2025	2,889,219	2,991,449	-	0%	No	N/A	\$ -	0%	\$ -
CSS	133709	ICP-MS	2025	240,309	249,551	20,794	10%	No	N/A	\$ -	0%	\$ -
CSS	133714	Workforce Mgt & Integration	2027	538,550	559,263	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133720	LLAN Intertie & Land	2027	1,049,928	1,196,366	174,988	10%	No	N/A	\$ -	0%	\$ -
Livermore	133734	LIV-10 GAC REPLACEMENT	2024	168,776	202,380	-	0%			\$ -	0%	\$ -
Kern River Valley	133785	LBOD 009 Transfer Switch	2027	30,745	34,780	10,382	10%	No	N/A	\$ 12,348.14	15%	\$ 13,630.04
Kern River Valley	133786	KERN 007 Transfer Switch	2027	26,999	30,543	9,117	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	133787	MSHA 003 New Storage Tanks	2027	1,994,860	2,314,139	168,489	10%	No	N/A	\$ 139,119.16	10%	\$ 153,561.52
Bay Area Region	133790	BAY 2025 Instrumentation Replc.	2025	8,446	9,845	731	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133794	ELA I-5 Crossing - Humphreys Ave	2026	1,096,413	1,228,632	99,674	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133795	ELA I-5 Crossing - Eastern Ave	2026	791,465	886,910	71,951	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	133796	ELA 1-5 Crossing - Atlantic Blvd	2026	1,040,947	1,163,453	94,632	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133798	MPS 006 Design Only	2026	277,272	321,750	25,207	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133799	COS 007 New Access Driveway	2027	637,964	648,550	54,061	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133803	ORO 2025 Control Valve Overhauls	2025	142,496	166,926	12,330	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133804	ORO 2026 Control Valve Overhauls	2026	146,059	170,689	12,330	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	133805	ORO 2027 Control Valve Overhauls	2027	130,993	150,576	10,789	10%	No	N/A	\$ -	0%	\$ -
Livermore	133824	LIV 2025 Control Valve Overhauls	2025	106,872	125,412	9,247	10%	No	N/A	\$ -	0%	\$ -
Livermore	133825	LIV 2026 Control Valve Overhauls	2026	109,544	128,239	9,247	10%	No	N/A	\$ -	0%	\$ -
Livermore	133826	LIV 2027 Control Valve Overhauls	2027	93,566	107,741	7,706	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133828	DOM 2025 Control Valve Overhauls	2025	84,607	98,844	7,321	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133829	DOM 2026 Control Valve Overhauls	2026	86,722	101,072	7,321	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133830	DOM 2027 Control Valve Overhauls	2027	88,888	101,900	7,321	10%	No	N/A	\$ -	0%	\$ -

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Bay Area Region	133836	LUC Intake Extension (Design)	2027	283,434	329,087	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	133837	LUC Seismic Mitigation Plan	2026	102,630	119,534	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	133840	KC 2026 Control Valve Overhauls	2026	54,772	64,229	4,624	10%	No	N/A	\$ -	0%	\$ -
Stockton	133841	STK 2026 Control Valve Overhauls	2026	73,029	85,418	6,165	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	133875	Emergency Main Repair @ Marathon	2024	310,840	363,145	29,374	10%			\$ -	0%	\$ -
Los Altos	133914	LAS 2026 Control Valve Overhauls	2026	306,723	357,679	25,893	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	133916	BK 2025 Control Valve Overhaul	2025	374,052	440,541	32,366	10%	No	N/A	\$ -	0%	\$ -
Livermore	133929	LIV SERVER ROOM UPS	2024	4,254	4,458	-	0%			\$ -	0%	\$ -
North Valley Region	133939	Relocate Portion of Main-Hwy 32	2024	210,970	248,627	-	0%			\$ -	0%	\$ -
South Bay Region	133967	Replace 6 Broken Valves @ Sepulveda	2024	249,519	297,870	22,400	10%			\$ -	0%	\$ -
South Bay Region	133997	Replace Multiple Valves See Comment	2024	311,342	358,761	27,950	10%			\$ -	0%	\$ -
Marysville	134007	MRL 2026 Instrumentation Replc.	2026	13,578	15,793	1,146	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	134008	BK 2026 Instrumentaion Replc.	2026	73,879	86,802	6,237	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	134012	BG 2025 Instrumentation Replc.	2025	1,407	1,641	122	10%	No	N/A	\$ -	0%	\$ -
Dixon	134014	DIX 2026 Instrumentation Replc.	2026	1,380	1,632	122	10%	No	N/A	\$ -	0%	\$ -
Stockton	134020	STK 2026 Instrumentation Replc.	2026	15,007	17,553	1,267	10%	No	N/A	\$ -	0%	\$ -
Stockton	134022	STK 2027 Instrumentation Replc.	2027	15,382	17,697	1,267	10%	No	N/A	\$ -	0%	\$ -
Livermore	134025	LIV 2025 Instrumentation Replc.	2025	20,147	23,642	1,743	10%	No	N/A	\$ -	0%	\$ -
Livermore	134026	LIV 2027 Instrumentation Replc.	2027	32,102	36,966	2,644	10%	No	N/A	\$ -	0%	\$ -
Willows	134029	WIL 2026 Instrumentation Replc.	2026	10,829	12,746	914	10%	No	N/A	\$ -	0%	\$ -
Willows	134030	WIL 2027 Instrumentation Replc.	2027	12,047	13,947	992	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	134031	ORO 2025 Instrumentation Replc.	2025	4,022	4,711	348	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	134032	ORO 2027 Instrumentation Replc.	2027	1,408	1,619	116	10%	No	N/A	\$ -	0%	\$ -
Westlake	134033	WLK 2025 Instrumentation Replc.	2025	6,368	7,421	551	10%	No	N/A	\$ -	0%	\$ -
Westlake	134034	WLK 2026 Instrumentation Replc.	2026	6,527	7,588	551	10%	No	N/A	\$ -	0%	\$ -
Westlake	134035	WLK 2027 Instrumentation Replc.	2027	19,545	22,351	1,610	10%	No	N/A	\$ -	0%	\$ -
Marysville	134036	MRL 2027 Instrumentaion Replc.	2027	22,146	25,338	1,824	10%	No	N/A	\$ -	0%	\$ -
Travis	134103	TAB 2025 Backflow Prevention	2025	489,663	513,677	-	0%	No	N/A	\$ -	0%	\$ -
Travis	134104	TAB 2025 Gate Valve Replacement	2025	237,813	277,863	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	134118	AV-LHUG 002 Greensand Media Replc.	2025	59,135	66,148	5,117	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134121	KRV-SMTN 001 Greensand Media Replc.	2025	107,550	127,597	9,306	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134122	KRV-BOD 104 Greensand Media Replc.	2025	62,247	73,850	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134123	KRV-ARD 001 Greensand Media Replc.	2025	243,459	288,838	21,066	10%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134124	KRV-BOD 013 Greensand Media Replc.	2025	107,550	127,597	9,306	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	134125	BAY 2025 Grid Strengthening	2026	252,903	294,094	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134296	KRV Parking Lot Improvements	2026	229,517	271,643	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	134300	MPS 2025 Brackish Aquifer Conductiv	2025	1,143,105	1,329,288	98,911	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	134303	SSF 2025 Brackish Aquifer Conductiv	2025	571,553	664,645	49,456	10%	No	N/A	\$ -	0%	\$ -
Travis	134318	TAB Skid Loader	2026	110,920	114,749	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	134437	DOM 2025 Sample Stations	2025	51,901	60,634	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	134440	ELA 2025 Sample Stations	2025	12,975	15,202	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	134444	RDV 2025 Sample Stations	2025	14,341	17,017	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	134446	VIS 2025 Sample Stations	2025	12,975	15,173	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Kern River Valley	134469	KRV 2025 Sample Stations	2025	232,188	275,466	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	134472	KC 2027 Sample Stations	2027	30,133	34,758	-	0%	No	N/A	\$ -	0%	\$ -
CSS	134646	CSS - VEHICLES FOR NEW COMPLEMENTS	2026	118,107	122,649	10,737	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	134719	BK - VEHICLE FOR NEW COMPLEMENTS	2026	892,013	943,239	81,092	10%	No	N/A	\$ -	0%	\$ -
Los Altos	134768	LAS - VEHICLE FOR NEW COMPLEMENTS	2026	163,379	171,469	14,853	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	134769	BAY - VEHICLE FOR NEW COMPLEMENTS	2026	149,855	156,836	13,623	10%	No	N/A	\$ -	0%	\$ -
Visalia	134771	VIS - VEHICLE FOR NEW COMPLEMENTS	2026	503,393	528,517	45,763	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	134774	VIS - VEHICLE FOR NEW COMPLEMENTS	2026	175,978	184,947	15,998	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	134775	BG - VEHICLE FOR NEW COMPLEMENTS	2026	164,233	171,892	14,930	10%	No	N/A	\$ -	0%	\$ -
Livermore	134776	LIV - VEHICLE FOR NEW COMPLEMENTS	2026	175,969	185,400	15,989	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	101MRP24	BK 2024 Main Replacement Program	2024	14,184,310	17,070,322	1,289,483	10%	Yes	-	\$ -	0%	\$ -
Bakersfield	101MRP25	BK 2025 Main Replacement Program	2025	17,652,263	20,789,979	1,527,425	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	101MRP26	BK 2026 Main Replacement Program	2026	18,093,570	21,258,535	1,527,425	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	101MRP27	BK 2027 Main Replacement Program	2027	18,545,467	21,432,765	1,527,425	10%	No	N/A	\$ -	0%	\$ -
Bakersfield	101-NON-SP	101- Bakersfield Non-specific	2024	2,143,450	2,564,511	-	0%	Yes	-	\$ -	0%	\$ -
Bakersfield	101-NON-SP	101- Bakersfield Non-specific	2025	2,460,000	2,877,379	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	101-NON-SP	101- Bakersfield Non-specific	2026	2,514,900	2,934,908	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	101-NON-SP	101- Bakersfield Non-specific	2027	2,577,900	2,962,179	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	101UNSCH	BKD Unscheduled Replacements	2024	5,566,798	6,699,447	-	0%	Yes	-	\$ -	0%	\$ -
Bakersfield	101UNSCH	BKD Unscheduled Replacements	2025	8,187,318	9,642,627	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	101UNSCH	BKD Unscheduled Replacements	2026	8,392,001	9,859,948	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	101UNSCH	BKD Unscheduled Replacements	2027	8,601,801	9,940,994	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102MRP24	BG 2024 Main Replacement Program	2024	9,870,012	11,756,942	897,274	10%	Yes	-	\$ -	0%	\$ -
Bear Gulch	102MRP25	BG 2025 Main Replacement Program	2025	14,567,401	16,981,612	1,260,497	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102MRP26	BG 2026 Main Replacement Program	2026	14,931,586	17,364,337	1,260,497	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102MRP27	BG 2027 Main Replacement Program	2027	14,931,231	17,079,659	1,260,497	10%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102-NON-SP	102- Bear Gulch Non-specific	2024	888,269	1,050,617	-	0%	Yes	-	\$ -	0%	\$ -
Bear Gulch	102-NON-SP	102- Bear Gulch Non-specific	2025	1,517,800	1,760,718	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102-NON-SP	102- Bear Gulch Non-specific	2026	1,555,800	1,800,652	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102-NON-SP	102- Bear Gulch Non-specific	2027	1,594,900	1,816,986	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102UNSCH	BGD Unscheduled Replacements	2024	2,610,949	3,110,105	-	0%	Yes	-	\$ -	0%	\$ -
Bear Gulch	102UNSCH	BGD Unscheduled Replacements	2025	3,318,304	3,868,236	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102UNSCH	BGD Unscheduled Replacements	2026	3,401,261	3,955,417	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	102UNSCH	BGD Unscheduled Replacements	2027	3,486,293	3,987,929	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	104MRP24	CH 2024 Main Replacement Program	2024	4,062,755	4,859,516	369,341	10%	Yes	-	\$ -	0%	\$ -
North Valley Region	104MRP25	CH 2025 Main Replacement Program	2025	8,355,485	9,780,571	722,988	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	104MRP26	CH 2026 Main Replacement Program	2026	8,564,372	10,001,002	722,988	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	104MRP27	CH 2027 Main Replacement Program	2027	8,778,272	10,082,968	722,988	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	104-NON-SP	104- Chico Non-specific	2024	731,137	870,583	-	0%	Yes	-	\$ -	0%	\$ -
North Valley Region	104-NON-SP	104- Chico Non-specific	2025	703,600	816,058	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	104-NON-SP	104- Chico Non-specific	2026	721,400	834,856	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	104-NON-SP	104- Chico Non-specific	2027	739,200	842,591	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	104UNSCH	CHD Unsheduled Replacement	2024	1,738,584	2,079,544	-	0%	Yes	-	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
North Valley Region	104UNSCH	CHD Unsheduled Replacement	2025	2,653,751	3,106,367	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	104UNSCH	CHD Unsheduled Replacement	2026	2,720,095	3,176,377	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	104UNSCH	CHD Unsheduled Replacement	2027	2,788,097	3,202,486	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	105MRP24	DIX 2024 Main Replacement Program	2024	625,640	757,457	56,876	10%	Yes	-	\$ -	0%	\$ -
Dixon	105MRP25	DIX 2025 Main Replacement Program	2025	1,012,923	1,200,135	87,647	10%	No	N/A	\$ -	0%	\$ -
Dixon	105MRP26	DIX 2026 Main Replacement Program	2026	1,038,246	1,227,183	87,647	10%	No	N/A	\$ -	0%	\$ -
Dixon	105MRP27	DIX 2027 Main Replacement Program	2027	1,064,177	1,237,241	87,647	10%	No	N/A	\$ -	0%	\$ -
Dixon	105-NON-SP	105- Dixon Non-specific	2024	168,776	201,398	-	0%	Yes	7,895.37	\$ -	0%	\$ -
Dixon	105-NON-SP	105- Dixon Non-specific	2025	46,600	54,850	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	105-NON-SP	105- Dixon Non-specific	2026	47,600	55,896	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	105-NON-SP	105- Dixon Non-specific	2027	48,800	56,420	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	105UNSCH	DIX Unsheduled Replacements	2024	182,863	221,391	-	0%	Yes	-	\$ -	0%	\$ -
Dixon	105UNSCH	DIX Unsheduled Replacements	2025	291,868	345,812	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	105UNSCH	DIX Unsheduled Replacements	2026	299,164	353,606	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	105UNSCH	DIX Unsheduled Replacements	2027	306,643	356,512	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106MRP24	ELA 2024 Main Replacement Program	2024	3,056,015	3,658,583	277,820	10%	Yes	-	\$ -	0%	\$ -
East Los Angeles	106MRP25	ELA 2025 Main Replacement Program	2025	6,681,004	7,827,430	578,098	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106MRP26	ELA 2026 Main Replacement Program	2026	6,848,029	8,003,842	578,098	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106MRP27	ELA 2027 Main Replacement Program	2027	7,019,063	8,069,439	578,098	10%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106-NON-SP	106- East Los Angeles Non-specific	2024	839,532	986,868	-	0%	Yes	-	\$ -	0%	\$ -
East Los Angeles	106-NON-SP	106- East Los Angeles Non-specific	2025	658,100	759,680	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106-NON-SP	106- East Los Angeles Non-specific	2026	674,600	777,110	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106-NON-SP	106- East Los Angeles Non-specific	2027	691,300	785,015	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106UNSCH	ELA Unsheduled Replacements	2024	1,480,975	1,772,985	-	0%	Yes	-	\$ -	0%	\$ -
East Los Angeles	106UNSCH	ELA Unsheduled Replacements	2025	2,012,917	2,358,323	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106UNSCH	ELA Unsheduled Replacements	2026	2,063,240	2,411,474	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	106UNSCH	ELA Unsheduled Replacements	2027	2,114,821	2,431,296	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	108MRP24	HR 2024 Main Replacement Program	2024	3,464,211	4,159,461	314,928	10%	Yes	-	\$ -	0%	\$ -
South Bay Region	108MRP25	HR 2025 Main Replacement Program	2025	6,507,330	7,646,379	563,070	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	108MRP26	HR 2026 Main Replacement Program	2026	6,670,013	7,818,710	563,070	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	108MRP27	HR 2027 Main Replacement Program	2027	6,836,601	7,882,791	563,070	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	108-NON-SP	108- Hermosa Redondo Non-specific	2024	623,351	748,151	-	0%	Yes	21,555.13	\$ -	0%	\$ -
South Bay Region	108-NON-SP	108- Hermosa Redondo Non-specific	2025	758,600	891,110	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	108-NON-SP	108- Hermosa Redondo Non-specific	2026	777,700	911,353	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	108-NON-SP	108- Hermosa Redondo Non-specific	2027	797,200	918,949	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	108UNSCH	HRD Unsheduled Replacements	2024	1,425,471	1,711,557	-	0%	Yes	-	\$ -	0%	\$ -
South Bay Region	108UNSCH	HRD Unsheduled Replacements	2025	1,630,815	1,916,274	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	108UNSCH	HRD Unsheduled Replacements	2026	1,671,585	1,959,462	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	108UNSCH	HRD Unsheduled Replacements	2027	1,713,375	1,975,568	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109MRP24	KC 2024 Main Replacement Program	2024	650,033	780,789	59,094	10%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	109MRP25	KC 2025 Main Replacement Program	2025	987,351	1,160,620	85,434	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109MRP26	KC 2026 Main Replacement Program	2026	1,012,035	1,186,778	85,434	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109MRP27	KC 2027 Main Replacement Program	2027	1,037,312	1,196,505	85,434	10%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Salinas Valley Region	109-NON-SP	109- King City Non-specific	2024	52,218	61,064	-	0%	Yes	2,992.29	\$ -	0%	\$ -
Salinas Valley Region	109-NON-SP	109- King City Non-specific	2025	65,400	76,601	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109-NON-SP	109- King City Non-specific	2026	66,900	78,182	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109-NON-SP	109- King City Non-specific	2027	68,800	79,123	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109UNSCH	KCD Unscheduled Replacements	2024	310,451	372,899	-	0%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	109UNSCH	KCD Unscheduled Replacements	2025	371,774	437,017	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109UNSCH	KCD Unscheduled Replacements	2026	381,069	446,866	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	109UNSCH	KCD Unscheduled Replacements	2027	390,596	450,539	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	110MRP24	LIV 2024 Main Replacement Program	2024	5,065,244	6,073,738	460,477	10%	Yes	-	\$ -	0%	\$ -
Livermore	110MRP25	LIV 2025 Main Replacement Program	2025	6,173,332	7,244,284	534,170	10%	No	N/A	\$ -	0%	\$ -
Livermore	110MRP26	LIV 2026 Main Replacement Program	2026	6,327,666	7,407,553	534,170	10%	No	N/A	\$ -	0%	\$ -
Livermore	110MRP27	LIV 2027 Main Replacement Program	2027	6,485,703	7,468,263	534,170	10%	No	N/A	\$ -	0%	\$ -
Livermore	110-NON-SP	110- Livermore Non-specific	2024	309,914	369,550	-	0%	Yes	12,113.21	\$ -	0%	\$ -
Livermore	110-NON-SP	110- Livermore Non-specific	2025	228,900	266,452	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	110-NON-SP	110- Livermore Non-specific	2026	234,500	272,366	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	110-NON-SP	110- Livermore Non-specific	2027	240,500	275,084	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	110UNSCH	LIV Unscheduled Replacements	2024	990,220	1,187,373	-	0%	Yes	-	\$ -	0%	\$ -
Livermore	110UNSCH	LIV Unscheduled Replacements	2025	1,239,170	1,454,141	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	110UNSCH	LIV Unscheduled Replacements	2026	1,270,149	1,486,914	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	110UNSCH	LIV Unscheduled Replacements	2027	1,301,903	1,499,136	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	111MRP24	LAS 2024 Main Replacement Program	2024	4,939,536	5,900,085	449,049	10%	Yes	-	\$ -	0%	\$ -
Los Altos	111MRP25	LAS 2025 Main Replacement Program	2025	7,595,458	8,878,636	657,224	10%	No	N/A	\$ -	0%	\$ -
Los Altos	111MRP26	LAS 2026 Main Replacement Program	2026	11,024,424	12,855,933	930,661	10%	No	N/A	\$ -	0%	\$ -
Los Altos	111MRP27	LAS 2027 Main Replacement Program	2027	11,299,766	12,961,297	930,661	10%	No	N/A	\$ -	0%	\$ -
Los Altos	111-NON-SP	111- Los Altos Suburban Non-specifi	2024	1,407,750	1,669,713	-	0%	Yes	-	\$ -	0%	\$ -
Los Altos	111-NON-SP	111- Los Altos Suburban Non-specifi	2025	2,148,800	2,509,251	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	111-NON-SP	111- Los Altos Suburban Non-specifi	2026	2,202,500	2,565,828	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	111-NON-SP	111- Los Altos Suburban Non-specifi	2027	2,257,600	2,587,356	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	111UNSCH	LAS Unscheduled Replacements	2024	1,608,720	1,921,554	-	0%	Yes	-	\$ -	0%	\$ -
Los Altos	111UNSCH	LAS Unscheduled Replacements	2025	2,723,649	3,183,782	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	111UNSCH	LAS Unscheduled Replacements	2026	2,791,740	3,255,537	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	111UNSCH	LAS Unscheduled Replacements	2027	2,861,533	3,282,297	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	112MRP25	MRL 2025 Main Replacement Program	2025	993,520	1,158,395	85,968	10%	No	N/A	\$ -	0%	\$ -
Marysville	112MRP26	MRL 2026 Main Replacement Program	2026	1,018,358	1,184,502	85,968	10%	No	N/A	\$ -	0%	\$ -
Marysville	112-NON-SP	112- Marysville Non-specific	2024	83,665	99,186	-	0%	Yes	3,224.99	\$ -	0%	\$ -
Marysville	112-NON-SP	112- Marysville Non-specific	2025	172,800	200,356	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	112-NON-SP	112- Marysville Non-specific	2026	177,100	204,877	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	112-NON-SP	112- Marysville Non-specific	2027	181,500	206,692	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	112UNSCH	MRL Unscheduled Replacements	2024	217,818	259,509	-	0%	Yes	-	\$ -	0%	\$ -
Marysville	112UNSCH	MRL Unscheduled Replacements	2025	274,795	320,397	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	112UNSCH	MRL Unscheduled Replacements	2026	281,665	327,618	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	112UNSCH	MRL Unscheduled Replacements	2027	288,706	330,311	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	113MRP24	ORO 2024 Main Replacement Program	2024	391,127	468,187	35,557	10%	Yes	-	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
North Valley Region	113MRP25	ORO 2025 Main Replacement Program	2025	1,090,862	1,277,885	94,391	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	113MRP26	ORO 2026 Main Replacement Program	2026	1,118,134	1,306,685	94,391	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	113MRP27	ORO 2027 Main Replacement Program	2027	1,146,060	1,317,395	94,391	10%	No	N/A	\$ -	0%	\$ -
North Valley Region	113-NON-SP	113- Oroville Non-specific	2024	123,359	147,126	-	0%	Yes	4,613.63	\$ -	0%	\$ -
North Valley Region	113-NON-SP	113- Oroville Non-specific	2025	262,300	306,432	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	113-NON-SP	113- Oroville Non-specific	2026	268,500	312,948	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	113-NON-SP	113- Oroville Non-specific	2027	275,400	315,859	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	113UNSCH	ORO Unscheduled Replacements	2024	497,566	595,596	-	0%	Yes	-	\$ -	0%	\$ -
North Valley Region	113UNSCH	ORO Unscheduled Replacements	2025	795,806	932,243	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	113UNSCH	ORO Unscheduled Replacements	2026	815,701	953,254	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	113UNSCH	ORO Unscheduled Replacements	2027	836,094	961,089	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114MRP24	SLN 2024 Main Replacement Program	2024	4,376,862	5,223,847	397,897	10%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	114MRP25	SLN 2025 Main Replacement Program	2025	6,463,991	7,550,027	671,171	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114MRP26	SLN 2026 Main Replacement Program	2026	6,625,590	7,720,186	559,320	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114MRP27	SLN 2027 Main Replacement Program	2027	6,791,068	7,783,459	559,320	10%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114-NON-SP	114- Salinas Non-specific	2024	1,068,139	1,257,016	-	0%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	114-NON-SP	114- Salinas Non-specific	2025	1,141,300	1,317,863	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114-NON-SP	114- Salinas Non-specific	2026	1,170,200	1,348,319	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114-NON-SP	114- Salinas Non-specific	2027	1,199,100	1,361,298	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114UNSCH	SLN Unscheduled Replacements	2024	2,671,645	3,188,647	-	0%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	114UNSCH	SLN Unscheduled Replacements	2025	3,994,437	4,665,556	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114UNSCH	SLN Unscheduled Replacements	2026	4,094,298	4,770,706	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	114UNSCH	SLN Unscheduled Replacements	2027	4,196,656	4,809,920	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	116-NON-SP	116- Mid Peninsula Non-specific	2024	990,225	1,179,482	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	116-NON-SP	116- Mid Peninsula Non-specific	2025	803,600	934,117	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	116-NON-SP	116- Mid Peninsula Non-specific	2026	823,700	955,232	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	116-NON-SP	116- Mid Peninsula Non-specific	2027	844,400	963,600	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	116UNSCH	MPS Unscheduled Replacements	2024	2,416,401	2,878,236	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	116UNSCH	MPS Unscheduled Replacements	2025	2,811,397	3,277,177	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	116UNSCH	MPS Unscheduled Replacements	2026	2,881,682	3,351,036	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	116UNSCH	MPS Unscheduled Replacements	2027	2,953,724	3,378,581	-	0%	No	N/A	\$ -	0%	\$ -
Selma	117MRP24	SEL 2024 Main Replacement Program	2024	568,354	677,434	51,669	10%	Yes	-	\$ -	0%	\$ -
Selma	117MRP25	SEL 2025 Main Replacement Program	2025	1,262,150	1,472,243	109,212	10%	No	N/A	\$ -	0%	\$ -
Selma	117MRP26	SEL 2026 Main Replacement Program	2026	1,293,704	1,505,423	109,212	10%	No	N/A	\$ -	0%	\$ -
Selma	117MRP27	SEL 2027 Main Replacement Program	2027	1,326,015	1,517,761	109,212	10%	No	N/A	\$ -	0%	\$ -
Selma	117-NON-SP	117- Selma Non-specific	2024	159,632	188,418	-	0%	Yes	6,819.15	\$ -	0%	\$ -
Selma	117-NON-SP	117- Selma Non-specific	2025	135,900	154,100	-	0%	No	N/A	\$ -	0%	\$ -
Selma	117-NON-SP	117- Selma Non-specific	2026	139,300	157,675	-	0%	No	N/A	\$ -	0%	\$ -
Selma	117-NON-SP	117- Selma Non-specific	2027	142,700	159,540	-	0%	No	N/A	\$ -	0%	\$ -
Selma	117UNSCH	SEL Unscheduled Replacements	2024	541,903	645,906	-	0%	Yes	-	\$ -	0%	\$ -
Selma	117UNSCH	SEL Unscheduled Replacements	2025	791,083	922,763	-	0%	No	N/A	\$ -	0%	\$ -
Selma	117UNSCH	SEL Unscheduled Replacements	2026	810,860	943,560	-	0%	No	N/A	\$ -	0%	\$ -
Selma	117UNSCH	SEL Unscheduled Replacements	2027	831,131	951,316	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Bay Area Region	118-NON-SP	118- So. San Francisco Non-specific	2024	139,072	165,652	-	0%	Yes	4,759.73	\$ -	0%	\$ -
Bay Area Region	118-NON-SP	118- So. San Francisco Non-specific	2025	171,900	198,939	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	118-NON-SP	118- So. San Francisco Non-specific	2026	176,200	203,457	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	118-NON-SP	118- So. San Francisco Non-specific	2027	180,400	205,113	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	118UNSCH	SSF Unscheduled Replacements	2024	680,006	809,973	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	118UNSCH	SSF Unscheduled Replacements	2025	659,583	768,860	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	118UNSCH	SSF Unscheduled Replacements	2026	676,073	786,188	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	118UNSCH	SSF Unscheduled Replacements	2027	692,975	792,651	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	119MRP24	STK 2024 Main Replacement Program	2024	19,729,060	23,636,581	1,793,551	10%	Yes	-	\$ -	0%	\$ -
Stockton	119MRP25	STK 2025 Main Replacement Program	2025	20,405,790	23,924,994	1,765,684	10%	No	N/A	\$ -	0%	\$ -
Stockton	119MRP26	STK 2026 Main Replacement Program	2026	20,915,935	24,464,206	1,765,684	10%	No	N/A	\$ -	0%	\$ -
Stockton	119MRP27	STK 2027 Main Replacement Program	2027	19,422,525	22,345,540	1,765,684	10%	No	N/A	\$ -	0%	\$ -
Stockton	119-NON-SP	119- Stockton Non-specific	2024	797,722	945,434	-	0%	Yes	-	\$ -	0%	\$ -
Stockton	119-NON-SP	119- Stockton Non-specific	2025	1,124,000	1,295,279	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	119-NON-SP	119- Stockton Non-specific	2026	1,152,000	1,324,844	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	119-NON-SP	119- Stockton Non-specific	2027	1,180,900	1,339,263	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	119UNSCH	STK Unscheduled Replacements	2024	2,172,329	2,602,579	-	0%	Yes	-	\$ -	0%	\$ -
Stockton	119UNSCH	STK Unscheduled Replacements	2025	3,474,404	4,073,603	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	119UNSCH	STK Unscheduled Replacements	2026	3,561,264	4,165,413	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	119UNSCH	STK Unscheduled Replacements	2027	3,650,296	4,199,651	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	120MRP24	VIS 2024 Main Replacement Program	2024	3,347,328	3,999,749	304,303	10%	Yes	-	\$ -	0%	\$ -
Visalia	120MRP25	VIS 2025 Main Replacement Program	2025	9,400,337	10,992,542	813,398	10%	No	N/A	\$ -	0%	\$ -
Visalia	120MRP26	VIS 2026 Main Replacement Program	2026	9,635,345	11,240,287	813,398	10%	No	N/A	\$ -	0%	\$ -
Visalia	120MRP27	VIS 2027 Main Replacement Program	2027	9,875,994	11,332,410	813,398	10%	No	N/A	\$ -	0%	\$ -
Visalia	120-NON-SP	120- Visalia Non-specific	2024	586,800	697,922	-	0%	Yes	-	\$ -	0%	\$ -
Visalia	120-NON-SP	120- Visalia Non-specific	2025	1,329,000	1,539,826	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	120-NON-SP	120- Visalia Non-specific	2026	1,362,200	1,574,808	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	120-NON-SP	120- Visalia Non-specific	2027	1,396,100	1,589,739	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	120UNSCH	VIS Unscheduled Replacements	2024	2,494,114	2,980,237	-	0%	Yes	-	\$ -	0%	\$ -
Visalia	120UNSCH	VIS Unscheduled Replacements	2025	4,807,143	5,621,364	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	120UNSCH	VIS Unscheduled Replacements	2026	4,927,321	5,748,056	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	120UNSCH	VIS Unscheduled Replacements	2027	5,050,504	5,795,304	-	0%	No	N/A	\$ -	0%	\$ -
Willows	121MRP25	WIL 2025 Main Replacement Program	2025	840,009	991,030	72,685	10%	No	N/A	\$ -	0%	\$ -
Willows	121MRP26	WIL 2026 Main Replacement Program	2026	861,009	1,013,366	72,685	10%	No	N/A	\$ -	0%	\$ -
Willows	121MRP27	WIL 2027 Main Replacement Program	2027	882,513	1,021,671	72,685	10%	No	N/A	\$ -	0%	\$ -
Willows	121-NON-SP	121- Willows Non-specific	2024	92,177	111,540	-	0%	Yes	2,853.50	\$ -	0%	\$ -
Willows	121-NON-SP	121- Willows Non-specific	2025	93,600	108,777	-	0%	No	N/A	\$ -	0%	\$ -
Willows	121-NON-SP	121- Willows Non-specific	2026	96,100	111,446	-	0%	No	N/A	\$ -	0%	\$ -
Willows	121-NON-SP	121- Willows Non-specific	2027	98,300	112,383	-	0%	No	N/A	\$ -	0%	\$ -
Willows	121UNSCH	WIL Unscheduled Replacements	2024	101,934	122,886	-	0%	Yes	-	\$ -	0%	\$ -
Willows	121UNSCH	WIL Unscheduled Replacements	2025	287,233	338,873	-	0%	No	N/A	\$ -	0%	\$ -
Willows	121UNSCH	WIL Unscheduled Replacements	2026	294,414	346,511	-	0%	No	N/A	\$ -	0%	\$ -
Willows	121UNSCH	WIL Unscheduled Replacements	2027	301,774	349,359	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
LA County Region	122MRP24	PV 2024 Main Replacement Program	2024	5,517,102	6,630,452	501,555	10%	Yes	-	\$ -	0%	\$ -
LA County Region	122MRP25	PV 2025 Main Replacement Program	2025	7,843,042	9,224,372	678,647	10%	No	N/A	\$ -	0%	\$ -
LA County Region	122MRP26	PV 2026 Main Replacement Program	2026	12,863,320	15,092,484	1,085,897	10%	No	N/A	\$ -	0%	\$ -
LA County Region	122MRP27	PV 2027 Main Replacement Program	2027	13,184,589	15,216,178	1,085,897	10%	No	N/A	\$ -	0%	\$ -
LA County Region	122-NON-SP	122- Palos Verdes Non-specific	2024	429,556	515,204	-	0%	Yes	15,454.76	\$ -	0%	\$ -
LA County Region	122-NON-SP	122- Palos Verdes Non-specific	2027	903,900	1,061,066	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	122-NON-SP	122- Palos Verdes Non-specific	2025	926,500	1,085,017	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	122-NON-SP	122- Palos Verdes Non-specific	2026	949,700	1,094,291	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	122UNSCH	PVD Unscheduled Replacements	2026	1,329,257	1,559,613	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	122UNSCH	PVD Unscheduled Replacements	2027	1,362,489	1,572,432	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	122UNSCH	PVD Unscheduled Replacements	2024	1,196,089	1,437,460	-	0%	Yes	-	\$ -	0%	\$ -
LA County Region	122UNSCH	PVD Unscheduled Replacements	2025	1,296,837	1,525,238	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	123MRP24	WLK 2024 Main Replacement Program	2024	1,271,487	1,514,144	115,590	10%	Yes	-	\$ -	0%	\$ -
Westlake	123MRP25	WLK 2025 Main Replacement Program	2025	2,047,719	2,386,414	177,186	10%	No	N/A	\$ -	0%	\$ -
Westlake	123MRP26	WLK 2026 Main Replacement Program	2026	2,098,912	2,440,198	177,186	10%	No	N/A	\$ -	0%	\$ -
Westlake	123MRP27	WLK 2027 Main Replacement Program	2027	2,151,334	2,460,197	177,186	10%	No	N/A	\$ -	0%	\$ -
Westlake	123-NON-SP	123- Westlake Non-specific	2024	163,713	193,956	-	0%	Yes	6,336.18	\$ -	0%	\$ -
Westlake	123-NON-SP	123- Westlake Non-specific	2025	558,700	647,061	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	123-NON-SP	123- Westlake Non-specific	2026	572,600	661,659	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	123-NON-SP	123- Westlake Non-specific	2027	587,100	667,918	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	123UNSCH	WLK Unscheduled Replacements	2024	733,715	873,740	-	0%	Yes	-	\$ -	0%	\$ -
Westlake	123UNSCH	WLK Unscheduled Replacements	2025	1,517,183	1,768,127	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	123UNSCH	WLK Unscheduled Replacements	2026	1,555,113	1,807,976	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	123UNSCH	WLK Unscheduled Replacements	2027	1,593,991	1,822,837	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	128MRP24	DOM 2024 Main Replacement Program	2024	4,736,258	5,654,033	430,569	10%	Yes	-	\$ -	0%	\$ -
South Bay Region	128MRP25	DOM 2025 Main Replacement Program	2025	9,730,723	11,368,110	841,986	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	128MRP26	DOM 2026 Main Replacement Program	2026	9,973,992	11,624,320	841,986	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	128MRP27	DOM 2027 Main Replacement Program	2027	10,223,098	11,719,590	841,986	10%	No	N/A	\$ -	0%	\$ -
South Bay Region	128-NON-SP	128- Dominguez Non-specific	2024	712,799	850,450	-	0%	Yes	-	\$ -	0%	\$ -
South Bay Region	128-NON-SP	128- Dominguez Non-specific	2025	567,600	663,110	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	128-NON-SP	128- Dominguez Non-specific	2026	581,700	677,950	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	128-NON-SP	128- Dominguez Non-specific	2027	596,200	683,474	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	128UNSCH	DOM Unscheduled Replacements	2024	1,102,621	1,316,283	-	0%	Yes	-	\$ -	0%	\$ -
South Bay Region	128UNSCH	DOM Unscheduled Replacements	2025	1,871,309	2,186,194	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	128UNSCH	DOM Unscheduled Replacements	2026	1,918,092	2,235,465	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	128UNSCH	DOM Unscheduled Replacements	2027	1,966,044	2,253,840	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	129MRP24	AV 2024 Main Replacement Program	2024	275,348	314,728	25,032	10%	Yes	-	\$ -	0%	\$ -
LA County Region	129MRP25	AV 2025 Main Replacement Program	2025	585,543	654,987	50,666	10%	No	N/A	\$ -	0%	\$ -
LA County Region	129MRP26	AV 2026 Main Replacement Program	2026	600,182	669,748	50,666	10%	No	N/A	\$ -	0%	\$ -
LA County Region	129MRP27	AV 2027 Main Replacement Program	2027	615,172	675,237	50,666	10%	No	N/A	\$ -	0%	\$ -
LA County Region	129-NON-SP	129- Antelope Valley Non-specific	2024	38,397	43,888	-	0%	Yes	1,314.12	\$ -	0%	\$ -
LA County Region	129-NON-SP	129- Antelope Valley Non-specific	2025	43,400	48,547	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	129-NON-SP	129- Antelope Valley Non-specific	2026	44,400	49,546	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
LA County Region	129-NON-SP	129- Antelope Valley Non-specific	2027	45,600	50,052	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	129UNSCH	AVD Unscheduled Replacements	2024	1,292	1,477	-	0%	Yes	-	\$ -	0%	\$ -
LA County Region	129UNSCH	AVD Unscheduled Replacements	2025	79	89	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	129UNSCH	AVD Unscheduled Replacements	2026	81	91	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	129UNSCH	AVD Unscheduled Replacements	2027	84	92	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134MRP24	KRV 2024 Main Replacement Program	2024	697,494	845,567	63,409	10%	Yes	-	\$ -	0%	\$ -
Kern River Valley	134-NON-SP	134- Kern River Valley Non-specific	2024	225,182	270,338	-	0%	Yes	9,614.97	\$ -	0%	\$ -
Kern River Valley	134-NON-SP	134- Kern River Valley Non-specific	2025	269,900	318,777	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134-NON-SP	134- Kern River Valley Non-specific	2026	276,600	325,947	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134-NON-SP	134- Kern River Valley Non-specific	2027	283,600	328,940	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134UNSCH	KRV Unscheduled Replacements	2024	54,458	66,020	-	0%	Yes	-	\$ -	0%	\$ -
Kern River Valley	134UNSCH	KRV Unscheduled Replacements	2025	94,722	112,378	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134UNSCH	KRV Unscheduled Replacements	2026	97,090	114,911	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	134UNSCH	KRV Unscheduled Replacements	2027	99,518	115,855	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146MRP24	RDV 2024 Main Replacement Program	2024	361,519	438,341	32,865	10%	Yes	-	\$ -	0%	\$ -
Bay Area Region	146MRP25	RDV 2025 Main Replacement Program	2025	1,101,072	1,306,523	95,274	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146MRP26	RDV 2026 Main Replacement Program	2026	1,128,599	1,335,969	95,274	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146MRP27	RDV 2027 Main Replacement Program	2027	1,156,787	1,346,918	95,274	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146-NON-SP	146- Redwood Valley Non-specific	2024	194,899	231,838	-	0%	Yes	9,894.11	\$ -	0%	\$ -
Bay Area Region	146-NON-SP	146- Redwood Valley Non-specific	2025	337,000	393,868	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146-NON-SP	146- Redwood Valley Non-specific	2026	345,500	402,969	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146-NON-SP	146- Redwood Valley Non-specific	2027	353,900	406,910	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146UNSCH	RDV Unscheduled Replacements	2024	174,329	211,373	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	146UNSCH	RDV Unscheduled Replacements	2025	220,428	261,558	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146UNSCH	RDV Unscheduled Replacements	2026	225,939	267,453	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	146UNSCH	RDV Unscheduled Replacements	2027	231,587	269,651	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	147UNSCH	LUC Unscheduled Replacements	2024	51,029	61,697	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	147UNSCH	LUC Unscheduled Replacements	2025	97,040	114,822	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	147UNSCH	LUC Unscheduled Replacements	2026	99,466	117,409	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	147UNSCH	LUC Unscheduled Replacements	2027	101,953	118,374	-	0%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	151-NON-SP	151- Rancho Dom Reg Non-specific	2024	154,738	167,480	-	0%	Yes	17,899.44	\$ -	0%	\$ -
Rancho Dominguez	151-NON-SP	151- Rancho Dom Reg Non-specific	2025	269,800	288,171	-	0%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	151-NON-SP	151- Rancho Dom Reg Non-specific	2026	276,600	295,309	-	0%	No	N/A	\$ -	0%	\$ -
Rancho Dominguez	151-NON-SP	151- Rancho Dom Reg Non-specific	2027	283,500	301,803	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	152MRP24	BAY 2024 Main Replacement Program	2024	9,694,536	11,547,408	881,321	10%	Yes	-	\$ -	0%	\$ -
Bay Area Region	152MRP25	BAY 2025 Main Replacement Program	2025	26,530,319	30,925,740	2,295,631	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	152MRP26	BAY 2026 Main Replacement Program	2026	27,193,577	31,622,731	2,295,631	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	152MRP27	BAY 2027 Main Replacement Program	2027	27,872,753	31,881,903	2,295,631	10%	No	N/A	\$ -	0%	\$ -
Bay Area Region	152-NON-SP	152- Bayshore Non-specific	2024	37,084	38,897	-	0%	Yes	5,135.61	\$ -	0%	\$ -
Bay Area Region	152-NON-SP	152- Bayshore Non-specific	2025	126,000	133,918	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	152-NON-SP	152- Bayshore Non-specific	2026	129,100	137,161	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	152-NON-SP	152- Bayshore Non-specific	2027	132,300	140,214	-	0%	No	N/A	\$ -	0%	\$ -
Travis	157-NON-SP	157- Travis Non-Specific	2024	364,296	389,815	-	0%	Yes	45,468.20	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Travis	157-NON-SP	157- Travis Non-Specific	2025	568,500	638,326	-	0%	No	N/A	\$ -	0%	\$ -
Travis	157-NON-SP	157- Travis Non-Specific	2026	582,700	653,262	-	0%	No	N/A	\$ -	0%	\$ -
Travis	157-NON-SP	157- Travis Non-Specific	2027	597,300	662,582	-	0%	No	N/A	\$ -	0%	\$ -
Travis	157UNSCH	TAB Unscheduled Replacements	2024	64,281	76,746	-	0%	Yes	-	\$ -	0%	\$ -
Travis	157UNSCH	TAB Unscheduled Replacements	2025	81,012	94,656	-	0%	No	N/A	\$ -	0%	\$ -
Travis	157UNSCH	TAB Unscheduled Replacements	2026	83,038	96,789	-	0%	No	N/A	\$ -	0%	\$ -
Travis	157UNSCH	TAB Unscheduled Replacements	2027	85,113	97,584	-	0%	No	N/A	\$ -	0%	\$ -
CSS	330-NON-SP	330- General Office Non-specific	2024	1,915,087	2,028,272	-	0%	Yes	-	\$ -	0%	\$ -
CSS	330-NON-SP	330- General Office Non-specific	2025	1,200,700	1,241,609	-	0%	No	N/A	\$ -	0%	\$ -
CSS	330-NON-SP	330- General Office Non-specific	2026	1,230,800	1,272,875	-	0%	No	N/A	\$ -	0%	\$ -
CSS	330-NON-SP	330- General Office Non-specific	2027	1,261,500	1,305,501	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	AVD0900_2024	Meter Replacement Program	2024	10,858	12,411	-	0%	Yes	-	\$ -	0%	\$ -
LA County Region	AVD0900_25	Meter Replacement Program	2025	9,813	10,991	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	AVD0900_26	Meter Replacement Program	2026	10,058	11,239	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	BGD0900_2024	Meter Replacement Program	2024	237,667	283,104	-	0%	Yes	-	\$ -	0%	\$ -
Bear Gulch	BGD0900_25	Meter Replacement Program	2025	300,718	349,812	-	0%	No	N/A	\$ -	0%	\$ -
Bear Gulch	BGD0900_26	Meter Replacement Program	2026	308,236	357,696	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	BKD0900_2024	Meter Replacement Program	2024	437,925	527,027	-	0%	Yes	-	\$ -	0%	\$ -
Bakersfield	BKD0900_25	Meter Replacement Program	2025	558,054	655,311	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	BKD0900_26	Meter Replacement Program	2026	572,006	670,080	-	0%	No	N/A	\$ -	0%	\$ -
Bakersfield	BKD0900_27	Meter Replacement Program	2027	586,306	675,588	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	CHD0900_2024	Meter Replacement Program	2024	198,102	236,953	-	0%	Yes	-	\$ -	0%	\$ -
North Valley Region	CHD0900_25	Meter Replacement Program	2025	251,733	293,944	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	CHD0900_26	Meter Replacement Program	2026	258,026	300,569	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	CHD0900_27	Meter Replacement Program	2027	264,477	303,040	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	DIX0900_2024	Meter Replacement Program	2024	14,908	18,049	-	0%	Yes	-	\$ -	0%	\$ -
Dixon	DIX0900_25	Meter Replacement Program	2025	19,316	22,808	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	DIX0900_26	Meter Replacement Program	2026	19,799	23,322	-	0%	No	N/A	\$ -	0%	\$ -
Dixon	DIX0900_27	Meter Replacement Program	2027	20,294	23,514	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	DOM0900_2024	Meter Replacement Program	2024	793,330	947,058	-	0%	Yes	-	\$ -	0%	\$ -
South Bay Region	DOM0900_25	Meter Replacement Program	2025	875,883	1,020,917	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	DOM0900_26	Meter Replacement Program	2026	897,780	1,043,926	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	DOM0900_27	Meter Replacement Program	2027	920,225	1,052,507	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	ELA0900_2024	Meter Replacement Program	2024	192,560	230,528	-	0%	Yes	-	\$ -	0%	\$ -
East Los Angeles	ELA0900_25	Meter Replacement Program	2025	246,161	287,672	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	ELA0900_26	Meter Replacement Program	2026	252,315	294,155	-	0%	No	N/A	\$ -	0%	\$ -
East Los Angeles	ELA0900_27	Meter Replacement Program	2027	258,623	296,573	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	HRD0900_2024	Meter Replacement Program	2024	477,169	572,934	-	0%	Yes	-	\$ -	0%	\$ -
South Bay Region	HRD0900_25	Meter Replacement Program	2025	498,409	584,033	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	HRD0900_26	Meter Replacement Program	2026	510,870	597,195	-	0%	No	N/A	\$ -	0%	\$ -
South Bay Region	HRD0900_27	Meter Replacement Program	2027	523,641	602,104	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	KCD0900_2024	Meter Replacement Program	2024	33,092	39,749	-	0%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	KCD0900_25	Meter Replacement Program	2025	19,181	22,484	-	0%	No	N/A	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Salinas Valley Region	KCD0900_26	Meter Replacement Program	2026	19,660	22,990	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	KCD0900_27	Meter Replacement Program	2027	20,152	23,179	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	KRV0900_2024	Meter Replacement Program	2024	11,072	13,422	-	0%	Yes	-	\$ -	0%	\$ -
Kern River Valley	KRV0900_25	Meter Replacement Program	2025	13,925	16,462	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	KRV0900_26	Meter Replacement Program	2026	14,273	16,833	-	0%	No	N/A	\$ -	0%	\$ -
Kern River Valley	KRV0900_27	Meter Replacement Program	2027	14,630	16,972	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	LAS0900_2024	Meter Replacement Program	2024	215,809	257,775	-	0%	Yes	-	\$ -	0%	\$ -
Los Altos	LAS0900_25	Meter Replacement Program	2025	274,002	319,541	-	0%	No	N/A	\$ -	0%	\$ -
Los Altos	LAS0900_26	Meter Replacement Program	2026	280,852	326,743	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	LIV0900_2024	Meter Replacement Program	2024	155,487	186,444	-	0%	Yes	-	\$ -	0%	\$ -
Livermore	LIV0900_25	Meter Replacement Program	2025	197,155	230,743	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	LIV0900_26	Meter Replacement Program	2026	202,084	235,943	-	0%	No	N/A	\$ -	0%	\$ -
Livermore	LIV0900_27	Meter Replacement Program	2027	207,136	237,882	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	MRL0900_2024	Meter Replacement Program	2024	30,849	36,754	-	0%	Yes	-	\$ -	0%	\$ -
Marysville	MRL0900_25	Meter Replacement Program	2025	23,628	27,491	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	MRL0900_26	Meter Replacement Program	2026	24,219	28,110	-	0%	No	N/A	\$ -	0%	\$ -
Marysville	MRL0900_27	Meter Replacement Program	2027	24,824	28,341	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	ORO0900_2024	Meter Replacement Program	2024	36,066	43,172	-	0%	Yes	-	\$ -	0%	\$ -
North Valley Region	ORO0900_25	Meter Replacement Program	2025	46,756	54,634	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	ORO0900_26	Meter Replacement Program	2026	47,925	55,865	-	0%	No	N/A	\$ -	0%	\$ -
North Valley Region	ORO0900_27	Meter Replacement Program	2027	49,123	56,325	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	PVD0900_2024	Meter Replacement Program	2026	408,376	490,786	-	0%	Yes	-	\$ -	0%	\$ -
LA County Region	PVD0900_25	Meter Replacement Program	2025	463,624	543,731	-	0%	No	N/A	\$ -	0%	\$ -
LA County Region	PVD0900_26	Meter Replacement Program	2026	475,215	555,985	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	SEL0900_2024	Meter Replacement Program	2024	43,170	51,455	-	0%	Yes	-	\$ -	0%	\$ -
Selma	SEL0900_25	Meter Replacement Program	2025	55,690	64,819	-	0%	No	N/A	\$ -	0%	\$ -
Selma	SEL0900_26	Meter Replacement Program	2026	57,082	66,279	-	0%	No	N/A	\$ -	0%	\$ -
Selma	SEL0900_27	Meter Replacement Program	2027	58,509	66,824	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	SLN0900_2024	Meter Replacement Program	2024	215,182	256,823	-	0%	Yes	-	\$ -	0%	\$ -
Salinas Valley Region	SLN0900_25	Meter Replacement Program	2025	273,679	318,932	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	SLN0900_26	Meter Replacement Program	2026	280,521	326,120	-	0%	No	N/A	\$ -	0%	\$ -
Salinas Valley Region	SLN0900_27	Meter Replacement Program	2027	287,534	328,801	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	SMD0900_2024	Meter Replacement Program	2024	337,121	401,553	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	SMD0900_25	Meter Replacement Program	2025	427,348	497,095	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	SMD0900_26	Meter Replacement Program	2026	438,032	508,298	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	SSF0900_2024	Meter Replacement Program	2024	166,275	198,055	-	0%	Yes	-	\$ -	0%	\$ -
Bay Area Region	SSF0900_25	Meter Replacement Program	2025	212,066	246,677	-	0%	No	N/A	\$ -	0%	\$ -
Bay Area Region	SSF0900_26	Meter Replacement Program	2026	217,368	252,236	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	STK0900_2024	Meter Replacement Program	2024	255,426	306,015	-	0%	Yes	-	\$ -	0%	\$ -
Stockton	STK0900_25	Meter Replacement Program	2025	325,999	381,233	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	STK0900_26	Meter Replacement Program	2026	334,149	389,825	-	0%	No	N/A	\$ -	0%	\$ -
Stockton	STK0900_27	Meter Replacement Program	2027	342,503	393,029	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	VIS0900_2024	Meter Replacement Program	2024	322,228	385,033	-	0%	Yes	-	\$ -	0%	\$ -

	[A]	[B]	[C]	[D]	[E]							
District	PID	Description	Completion Year	Direct Cost	Total Cost	Contingency [\$]	Contingency (%)	Authorized in a previous GRC? (Yes, No, Advice Letter)	Incremental Amount Proposed	Direct Construction Management and Special Inspections Cost (\$)	Construction Management and Special Inspections (%)	Escalated Construction Management and Special Inspections Cost (\$)
Visalia	VIS0900_25	Meter Replacement Program	2025	409,239	477,419	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	VIS0900_26	Meter Replacement Program	2026	419,470	488,179	-	0%	No	N/A	\$ -	0%	\$ -
Visalia	VIS0900_27	Meter Replacement Program	2027	429,957	492,191	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	WIL0900_2024	Meter Replacement Program	2024	20,532	24,753	-	0%	Yes	-	\$ -	0%	\$ -
Willows	WIL0900_25	Meter Replacement Program	2025	26,390	31,039	-	0%	No	N/A	\$ -	0%	\$ -
Willows	WIL0900_26	Meter Replacement Program	2026	27,050	31,738	-	0%	No	N/A	\$ -	0%	\$ -
Willows	WIL0900_27	Meter Replacement Program	2027	27,726	31,999	-	0%	No	N/A	\$ -	0%	\$ -
#N/A	WLK0900_2024	Meter Replacement Program	2024	86,701	103,247	-	0%	Yes	-	\$ -	0%	\$ -
Westlake	WLK0900_25	Meter Replacement Program	2025	110,437	128,433	-	0%	No	N/A	\$ -	0%	\$ -
Westlake	WLK0900_26	Meter Replacement Program	2026	113,198	131,328	-	0%	No	N/A	\$ -	0%	\$ -

LIST OF ATTACHMENTS FOR CHAPTER 2

	Attachment #	Description
1	Attachment 2-1	CWS Response DR SIH 005 (IN_2021 GRC CO Projects) Attachment #1

**ATTACHMENT 2-1:
CWS Response to DR SIH 005
(IN_2021 GRC CO Projects), Attachment #1**



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 005 Response (2024 GRC, A.24-07-003) –Page 1

RESPONSE TO DATA REQUEST

2024 GENERAL RATE CASE, A.24-07-003

To: **Public Advocates Office**

Edward Scher (415) 815-7027
Project Lead edward.scher@cpuc.ca.gov

Emily Fisher (415) 703-1327
Attorney emily.fisher@cpuc.ca.gov

Megan Delaporta (415) 703-1319
Attorney megan.delaporta@cpuc.ca.gov

Syreeta Gibbs (415) 703-1622
Project Oversight Supervisor syreeta.gibbs@cpuc.ca.gov

Sari Ibrahim (213) 266-4737
Utilities Engineer Sari.ibrahim@cpuc.ca.gov

From: **California Water Service**

Natalie D. Wales (408) 367-8566
Director, Rates nwales@calwater.com

Patrick Alexander (408) 367-8230
General Rate Case Manager palexander@calwater.com

Melody Singh (916) 329-1856
Manager, Revenue msingh@calwater.com

Date: November 14, 2024 Re: SIH 005 Subj: IN_2021 GRC CO Projects	Request Received from CPUC: November 6, 2024 Requested Due Date: November 14, 2024
Comments: <ul style="list-style-type: none"> • Full response attached. • Response provided by Engineering. • Does not contain confidential information. • This response refers to the following attachments included separately: <ul style="list-style-type: none"> ○ SIH-005 Attachment #1 	



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 005 Response (2024 GRC, A.24-07-003) –Page 2

Data Requests and Responses

Referring to the Results of Operations (RO) Model Proposed Capital Project workbook, worksheet “IN 2021 GRC CO”:

Please provide the information below by completing the attached Excel spreadsheet “A2407003 Public Advocates DR SIH 005 (IN_2021 GRC CO Projects) Attachment 01.”

1. Please provide an update on the current status of each project as to whether it is complete, in progress, or still in the planning phase.
Response: Please see Attachment #1. Please note that the spreadsheet sent by Cal Advocates contains multiple lines for a single project in many cases. In order to reduce confusion, Cal Water has reformatted Attachment #1 to only include one line per project.
2. Please provide a total dollar amount spent for each project as of the response date of this data request.
Response: Please see Attachment #1.

	District	Year	District ID- ROMI	work_order_num ber	long_description	justification_detail	description	sub-category	specific	non_specific	est_start_date	est_complete_da te	Status Progress	Amount Spent Associated with project
Authorized 2021 GRC Capital in progress	101-BK	2024	101	101MRP24	BK 2024 Main Replacement Program	CWSCO Specific Water Regulated			14,184,310.2		1/1/2024	12/31/2024	in progress	\$ 12,296,458.00
Authorized 2021 GRC Capital in progress	376-GO	2024	330	00124693	CSS CC&B Cloud Upgrade	CWSCO Specific Water Regulated	Office		13,383,246.9		12/2/2023	12/1/2024	in progress	\$ 12,190,613.19
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	DOM0900	Meter Replacement Program	CWSCO Specific Water Regulated			793,329.8		1/1/2024	12/31/2024	in progress	\$ 492,194.36
Authorized 2021 GRC Capital in progress	120-VIS	2024	120	VIS0900	Meter Replacement Program	CWSCO Specific Water Regulated			322,228.2		1/1/2024	12/31/2024	in progress	\$ 170,188.52
Authorized 2021 GRC Capital in progress	102-BG	2024	102	102MRP24	BG 2024 Main Replacement Program	CWSCO Specific Water Regulated			9,870,012.3		1/1/2024	12/31/2024	in progress	\$ 13,081,844.00
Authorized 2021 GRC Capital in progress	101-BK	2024	101	BKD0900	Meter Replacement Program	CWSCO Specific Water Regulated			437,924.8		1/1/2024	12/31/2024	in progress	\$ 51,236.18
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	SMD0900	Meter Replacement Program	CWSCO Specific Water Regulated			337,120.7		1/1/2024	12/31/2024	in progress	\$ 208,722.23
Authorized 2021 GRC Capital in progress	104-CH	2024	104	104MRP24	CH 2024 Main Replacement Program	CWSCO Specific Water Regulated			4,062,754.8		1/1/2024	12/31/2024	in progress	\$ 4,574,899.00
Authorized 2021 GRC Capital in progress	122-PV	2024	122	PVD0900	Meter Replacement Program	CWSCO Specific Water Regulated			408,376.1		1/1/2024	12/31/2024	in progress	\$ 220,444.83
Authorized 2021 GRC Capital in progress	111-LAS	2027	111	00124733	LAS New Operations Building	CWSCO Specific Water Regulated			6,773,164.7		1/1/2024	12/31/2024	in progress	\$ 353,444.51
Authorized 2021 GRC Capital in progress	108-HR	2024	108	HRD0900	Meter Replacement Program	CWSCO Specific Water Regulated			477,168.6		1/1/2024	12/31/2024	in progress	\$ 501,575.45
Authorized 2021 GRC Capital in progress	105-DIX	2024	105	105MRP24	DIX 2024 Main Replacement Program	CWSCO Specific Water Regulated			625,639.9		1/1/2024	12/31/2024	in progress	\$ 1,552,654.00
Authorized 2021 GRC Capital in progress	119-STK	2024	119	STK0900	Meter Replacement Program	CWSCO Specific Water Regulated			255,425.9		1/1/2024	12/31/2024	in progress	\$ 53,806.52
Authorized 2021 GRC Capital in progress	106-ELA	2024	106	106MRP24	ELA 2024 Main Replacement Program	CWSCO Specific Water Regulated			3,056,015.5		1/1/2024	12/31/2024	in progress	\$ 859,401.00
Authorized 2021 GRC Capital in progress	108-HR	2024	108	108MRP24	HR 2024 Main Replacement Program	CWSCO Specific Water Regulated			3,464,210.5		1/1/2024	12/31/2024	in progress	\$ 531,927.00
Authorized 2021 GRC Capital in progress	114-SLN	2024	114	SLN0900	Meter Replacement Program	CWSCO Specific Water Regulated			215,182.0		1/1/2024	12/31/2024	in progress	\$ 114,952.83
Authorized 2021 GRC Capital in progress	111-LAS	2026	111	00125633	LAS Marion Way New Mainline	CWSCO Specific Water Regulated			4,673,084.0		10/31/2023	10/30/2024	in progress	\$ 2,642,996.53
Authorized 2021 GRC Capital in progress	104-CH	2024	104	CHD0900	Meter Replacement Program	CWSCO Specific Water Regulated			198,102.1		1/1/2024	12/31/2024	in progress	\$ 210,424.17
Authorized 2021 GRC Capital in progress	106-ELA	2024	106	ELA0900	Meter Replacement Program	CWSCO Specific Water Regulated			192,560.1		1/1/2024	12/31/2024	in progress	\$ 106,407.50
Authorized 2021 GRC Capital in progress	109-KC	2024	109	109MRP24	KC 2024 Main Replacement Program	CWSCO Specific Water Regulated			650,033.0		1/1/2024	12/31/2024	in progress	\$ 504,669.00
Authorized 2021 GRC Capital in progress	101-BK	2025	101	00124420	BK 2024 Flat to Meter	-CWSCO Specific Water Regulated			2,023,645.6		1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00124419	BK 2023 Flat to Meter	-CWSCO Specific Water Regulated			1,983,966.2		1/1/2024	12/31/2024	in progress	\$ 950,829.96
Authorized 2021 GRC Capital in progress	110-LIV	2024	110	110MRP24	LIV 2024 Main Replacement Program	CWSCO Specific Water Regulated			5,065,244.3		1/1/2024	12/31/2024	in progress	\$ 9,031,600.00
Authorized 2021 GRC Capital in progress	114-SLN	2024	114	00123884	SLN Wildfire Oak Hills Grid Imprv	CWSCO Specific Water Regulated			10,268.9		9/12/2023	9/11/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	118-SSF	2024	152	SSF0900	Meter Replacement Program	CWSCO Specific Water Regulated			166,275.5		1/1/2024	12/31/2024	in progress	\$ 16,101.88
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00124412	BK 2022 Flat to Meter	CWSCO Specific Water Regulated			2,776,370.5		8/31/2023	8/30/2024	complete	\$ 3,096,380.73
Authorized 2021 GRC Capital in progress	110-LIV	2024	110	LIV0900	Meter Replacement Program	CWSCO Specific Water Regulated			155,486.5		1/1/2024	12/31/2024	in progress	\$ 291,198.45
Authorized 2021 GRC Capital in progress	111-LAS	2024	111	111MRP24	LAS 2024 Main Replacement Program	CWSCO Specific Water Regulated			4,939,536.4		1/1/2024	12/31/2024	in progress	\$ 6,732,032.00
Authorized 2021 GRC Capital in progress	113-ORO	2024	113	113MRP24	ORO 2024 Main Replacement Program	-CWSCO Specific Water Regulated			391,127.3		1/1/2024	12/31/2024	in progress	\$ 316,400.00
Authorized 2021 GRC Capital in progress	120-VIS	2026	120	00123354	VIS 97 - New Storage Tank	CWSCO Specific Water Regulated			4,040,640.5		11/25/2024	11/24/2025	in progress	\$ 532,260.60
Authorized 2021 GRC Capital in progress	102-BG	2024	102	BGD0900	Meter Replacement Program	CWSCO Specific Water Regulated			237,667.0		1/1/2024	12/31/2024	in progress	\$ 297,428.77
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00115626	YEAR 2021: 2,100 F/M CONVERSIONS	CWSCO Specific Water Regulated			2,143,663.6		2/2/2023	2/1/2024	complete	\$ 2,152,758.52
Authorized 2021 GRC Capital in progress	120-VIS	2026	120	00123313	VIS 55 - PFAS Treatment	CWSCO Specific Water Regulated			1,645,460.8		2/10/2024	2/10/2025	in progress	\$ 738,804.73
Authorized 2021 GRC Capital in progress	111-LAS	2024	111	LAS0900	Meter Replacement Program	CWSCO Specific Water Regulated			215,808.7		1/1/2024	12/31/2024	in progress	\$ 6,007.48
Authorized 2021 GRC Capital in progress	376-GO	2026	330	00124692	CSS EAM-Work Digitization,Analytics	CWSCO Specific Water Regulated	Office		1,895,734.6		1/1/2024	12/31/2024	in progress	\$ 1,661,568.26
Authorized 2021 GRC Capital in progress	118-SSF	2025	152	00124410	SSF Wildfire New Main 555 Zone	CWSCO Specific Water Regulated			2,230,548.5		3/4/2024	3/3/2025	in progress	\$ 106,877.76
Authorized 2021 GRC Capital in progress	114-SLN	2024	114	114MRP24	SLN 2024 Main Replacement Program	CWSCO Specific Water Regulated			4,376,861.8		1/1/2024	12/31/2024	in progress	\$ 5,408,354.00
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124372	SC Wildfire New Main 345 Zone	CWSCO Specific Water Regulated			2,116,317.3		9/21/2023	9/20/2024	complete	\$ 1,549,086.48
Authorized 2021 GRC Capital in progress	376-GO	2025	330	00124702	CSS Op. Data Management System	CWSCO Specific Water Regulated	Office		1,706,161.1		1/1/2024	12/31/2024	in progress	\$ 520,269.57
Authorized 2021 GRC Capital in progress	122-PV	2026	122	00125641	PV Wildfire Zone F-1325 New Main	CWSCO Specific Water Regulated			2,514,518.1		7/24/2025	7/23/2026	in progress	\$ 94,312.47
Authorized 2021 GRC Capital in progress	111-LAS	2025	111	00125629	LAS STA 008 New Mainline to Mora	CWSCO Specific Water Regulated			2,228,510.2		2/15/2024	2/14/2025	in progress	\$ 103,228.23
Authorized 2021 GRC Capital in progress	114-SLN	2024	114	00125061	SLN 045 Wildfire Station Upgrade	-CWSCO Specific Water Regulated			1,895,077.2		1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	111-LAS	2026	111	00125187	LAS 32, 1, 121 Well Chloramination	CWSCO Specific Water Regulated			2,961,539.2		8/21/2024	8/20/2025	in progress	\$ 223,717.04
Authorized 2021 GRC Capital in progress	134-KRV	2026	134	00124435	KRV Bodfish 010 New Storage Tank	CWSCO Specific Water Regulated			-		3/12/2025	3/11/2026	in progress	\$ 148,377.31
Authorized 2021 GRC Capital in progress	116-MPS	2026	152	00125645	BAY SC-116 Rebuild	CWSCO Specific Water Regulated			2,507,665.0		11/15/2024	11/14/2025	in progress	\$ 659,138.32
Authorized 2021 GRC Capital in progress	111-LAS	2026	111	00123895	LAS Sta. 41 New Booster Pump	CWSCO Specific Water Regulated			1,837,672.6		4/11/2025	4/10/2026	in progress	\$ 65,255.89
Authorized 2021 GRC Capital in progress	118-SSF	2024	152	00124417	SSF Wildfire New Main 390 Zone	CWSCO Specific Water Regulated			1,544,467.6		2/22/2023	2/21/2024	complete	\$ 2,437,552.68
Authorized 2021 GRC Capital in progress	101-BK	2027	101	00123170	BK 675 Rezone	CWSCO Specific Water Regulated			1,346,019.4		2/15/2024	2/14/2025	in progress	\$ 123,656.49
Authorized 2021 GRC Capital in progress	111-LAS	2024	111	00124735	LAS Covington Ph2 New 16" Main	CWSCO Specific Water Regulated			1,867,371.3		7/11/2023	7/10/2024	in progress	\$ 834,851.26
Authorized 2021 GRC Capital in progress	120-VIS	2026	120	00123309	VIS 38 - PFAS Treatment	CWSCO Specific Water Regulated			1,399,408.5		3/13/2024	3/12/2025	in progress	\$ 518,383.12
Authorized 2021 GRC Capital in progress	122-PV	2025	182	00124230	PV D-500 Main Replacement PDR	CWSCO Specific Water Regulated			1,313,400.0		9/9/2024	9/8/2025	in progress	\$ 22,109.00
Authorized 2021 GRC Capital in progress	128-DOM	2025	128	00099183	Advanced Metering Infrastructure	CWSCO Specific Water Regulated			1,321,569.6		5/1/2023	4/30/2024	complete	\$ 548,107.77
Authorized 2021 GRC Capital in progress	116-MPS	2026	152	00124462	Wildfire SC-121 Station Rebuild	CWSCO Specific Water Regulated			1,666,082.7		12/4/2025	12/3/2026	in progress	\$ 68,020.28

Authorized 2021 GRC Capital in progress	123-WLK	2024	123 WLK0900	Meter Replacement Program	CWSCO Specific Water Regulated		86,700.5	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00099173	Advanced Metering Infrastructure	CWSCO Specific Water Regulated		2,042,194.1	4/1/2023	3/31/2024	complete	\$	2,310,390.31
Authorized 2021 GRC Capital in progress	384-GO	2027	330 00116566	Person Down Radio Solution	CWSCO Specific Water Regulated	Office	805,687.2	1/1/2024	12/31/2024	complete	\$	1,086,432.20
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00124208	LAS Transm. Main Isolation Valves	CWSCO Specific Water Regulated		1,612,883.5	9/18/2024	9/17/2025	in progress	\$	83,220.26
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125746	SLN New Customer Parking Lot	CWSCO Specific Water Regulated		1,245,658.6	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	376-GO	2027	330 00124669	CSS EAM GIS Modernization	CWSCO Specific Water Regulated	Office	1,107,239.8	1/1/2024	12/31/2024	in progress	\$	691,109.96
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123629	AV LV Sta 4 New 0.22MG Storage Tank	CWSCO Specific Water Regulated		1,501,817.8	11/19/2023	11/18/2024	in progress	\$	518,922.81
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00125251	BK 49-03 GAC Treatment	CWSCO Specific Water Regulated		1,362,509.8	2/26/2024	2/25/2025	in progress	\$	573,332.04
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00123618	LAS Sta. 39 and 104 Well Chloram	CWSCO Specific Water Regulated		2,033,293.7	6/28/2024	6/27/2025	in progress	\$	82,575.22
Authorized 2021 GRC Capital in progress	152-BAY	2027	152 00118094	2020- VEH. FOR PROPOSED COMPLEMENT	CWSCO Specific Water Regulated	Vehicle	970,595.6	1/1/2024	12/31/2024	complete	\$	159,632.84
Authorized 2021 GRC Capital in progress	379-GO	2024	330 00124544	CSS PC Refresh 2023	CWSCO Specific Water Regulated	Office	568,720.4	1/1/2024	12/31/2024	complete	\$	636,162.81
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124396	SM Wildfire New Main 465 Zone	CWSCO Specific Water Regulated		1,076,006.4	5/29/2023	5/28/2024	complete	\$	1,912,672.31
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00125640	PV Wildfire Zone C-635 New Main We	CWSCO Specific Water Regulated		1,267,525.5	12/27/2023	12/26/2024	in progress	\$	415,209.30
Authorized 2021 GRC Capital in progress	120-VIS	2025	120 00123359	VIS 200 - New Storage Tank	CWSCO Specific Water Regulated		1,241,881.4	9/11/2024	9/10/2025	in progress	\$	301,401.45
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00124360	SC Wildfire New Main 600 Zone	CWSCO Specific Water Regulated		1,024,211.6	5/17/2024	5/16/2025	in progress	\$	54,193.85
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124426	BAY Zone Interie at Polhemus Rd	CWSCO Specific Water Regulated		1,069,151.5	12/25/2023	12/24/2024	in progress	\$	44,166.37
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124358	BK 2022 GAC Media Replacement	CWSCO Specific Water Regulated		376,432.0	1/1/2024	12/31/2024	complete	\$	429,131.59
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00125628	BG Wildfire - New Main Morrow Vista	CWSCO Specific Water Regulated		1,164,249.9	7/31/2023	7/30/2024	in progress	\$	324,843.98
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 117MRP24	SEL 2024 Main Replacement Program	CWSCO Specific Water Regulated		568,354.2	1/1/2024	12/31/2024	in progress	\$	112,078.00
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00124381	BG Wildfire New Main Tynan Way	CWSCO Specific Water Regulated		200,000.0	10/28/2024	10/27/2025	in progress	\$	13,050.34
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00124745	BKD 147 Storage Tank Replacement	CWSCO Specific Water Regulated		987,183.5	7/2/2024	7/1/2025	in progress	\$	20,270.78
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00124086	LAS Grant Rd. Rezone	CWSCO Specific Water Regulated		1,010,151.0	2/14/2024	2/13/2025	in progress	\$	39,993.34
Authorized 2021 GRC Capital in progress	376-GO	2027	330 00124691	CSS EWWM-Buildout of Integration	CWSCO Specific Water Regulated	Office	1,137,440.8	1/1/2024	12/31/2024	in progress	\$	1,363,362.50
Authorized 2021 GRC Capital in progress	106-ELA	2025	106 00125358	ELA Main Office Improvements	CWSCO Specific Water Regulated		1,023,375.5	4/2/2024	4/1/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124455	BAY Extend 345 Zone at Nevada Ave	CWSCO Specific Water Regulated		939,397.5	2/1/2023	1/31/2024	complete	\$	1,220,284.37
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00124844	HR Sta 026 Tank Mix & Boost	CWSCO Specific Water Regulated		393,959.3	1/7/2024	1/6/2025	in progress	\$	15,784.37
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00125642	PV Wildfire Zone B-280 New Main	CWSCO Specific Water Regulated		895,882.9	7/22/2024	7/21/2025	in progress	\$	112,460.53
Authorized 2021 GRC Capital in progress	119-STK	2024	119 119MRP24	STK 2024 Main Replacement Program	CWSCO Specific Water Regulated		19,729,060.1	1/1/2024	12/31/2024	in progress	\$	30,719,940.00
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124418	SSF New Main	CWSCO Specific Water Regulated		760,632.1	6/26/2023	6/25/2024	complete	\$	1,192,917.31
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124452	SSF STA 1 Wildfire Booster Pump	CWSCO Specific Water Regulated		717,299.6	10/8/2023	10/7/2024	in progress	\$	664,660.04
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00123882	RD 2022 CARB Vehicle Replacement	CWSCO Specific Water Regulated	Vehicle	706,504.9	3/9/2023	3/8/2024	complete	\$	739,107.66
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00125051	LAS 28 Tank Mixing and Dosing	CWSCO Specific Water Regulated		1,158,495.4	8/10/2023	8/9/2024	complete	\$	1,322,269.50
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00115880	Supplier Invoice Process Automation	CWSCO Specific Water Regulated	Office	616,113.7	12/16/2023	12/15/2024	in progress	\$	520,967.50
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00123197	BK 2024 Poly Service Replacements	-CWSCO Specific Water Regulated		734,393.2	12/31/2023	12/30/2024	complete	\$	897,587.69
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123196	BK 2023 Poly Service Replacements	CWSCO Specific Water Regulated		716,481.3	7/31/2023	7/30/2024	complete	\$	882,962.31
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00114641	Sta 14 Partial Rebuild	CWSCO Specific Water Regulated		2,953,586.5	5/31/2024	5/30/2025	in progress	\$	603,555.60
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00098227	PV Storage Study	CWSCO Specific Water Regulated		632,911.4	6/12/2024	6/11/2025	in progress	\$	785,088.47
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 120MRP24	VIS 2024 Main Replacement Program	CWSCO Specific Water Regulated		3,347,327.7	1/1/2024	12/31/2024	in progress	\$	3,792,029.00
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00124485	CSS Integrate Data- Dashboard Tool	CWSCO Specific Water Regulated	Office	568,720.4	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124373	VIS 2022 - GAC Media Replacement	CWSCO Specific Water Regulated		607,594.9	1/1/2024	12/31/2024	complete	\$	728,394.29
Authorized 2021 GRC Capital in progress	382-GO	2027	330 00115787	2021 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	539,124.2	1/1/2024	12/31/2024	in progress	\$	503,996.86
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00124965	MPS-027 T1,T2,T3 Nitrification Cont	CWSCO Specific Water Regulated		1,179,270.9	4/18/2024	4/17/2025	in progress	\$	31,642.80
Authorized 2021 GRC Capital in progress	376-GO	2026	330 00124699	CSS Customer Feedback Mngmt. System	CWSCO Specific Water Regulated	Office	549,763.0	1/1/2024	12/31/2024	in progress	\$	2,571.11
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 SEL0900	Meter Replacement Program	CWSCO Specific Water Regulated		43,169.7	1/1/2024	12/31/2024	in progress	\$	113,854.11
Authorized 2021 GRC Capital in progress	151-RD	2027	151 00115826	2020 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	521,327.0	1/1/2024	12/31/2024	complete	\$	554,824.66
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00125094	LAS Sta. 111 Tank Mixing and Dosing	CWSCO Specific Water Regulated		914,930.0	7/25/2024	7/24/2025	in progress	\$	38,270.74
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123898	LAS Wildfire Control Valves 2023	CWSCO Specific Water Regulated		584,423.6	7/27/2023	7/26/2024	in progress	\$	194,629.38
Authorized 2021 GRC Capital in progress	379-GO	2025	330 00124545	CSS PC Refresh 2024	CWSCO Specific Water Regulated	Office	708,851.8	1/1/2024	12/31/2024	in progress	\$	683,535.20
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124993	SSF-14 Res 11 Nitrification Control	-CWSCO Specific Water Regulated		411,602.0	1/1/2024	12/31/2024	in progress	\$	25,708.18
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00124140	LAS Wildfire Control Valves 2024	CWSCO Specific Water Regulated		516,710.9	2/19/2024	2/18/2025	in progress	\$	56,041.69
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00123863	BK 2022 CARB VEHICLE REPLACEMENT	CWSCO Specific Water Regulated	Vehicle	388,625.6	2/2/2023	2/1/2024	complete	\$	353,311.74
Authorized 2021 GRC Capital in progress	392-GO	2027	330 00124815	CSS OPEN OFFICE ACOUSTICS	-CWSCO Specific Water Regulated		584,307.2	1/1/2024	12/31/2024	in progress	\$	13,690.61
Authorized 2021 GRC Capital in progress	119-STK	2027	119 00114288	STK-35 Station Rebuild	CWSCO Specific Water Regulated		1,123,773.5	2/24/2023	2/23/2024	complete	\$	1,360,536.97
Authorized 2021 GRC Capital in progress	118-SSF	2025	152 00124989	SC 106 Nitrification Control	CWSCO Specific Water Regulated		1,018,564.6	5/30/2024	5/29/2025	in progress	\$	81,249.37
Authorized 2021 GRC Capital in progress	115-SC	2026	152 00124991	SC 123 Nitrification Control	CWSCO Specific Water Regulated		531,000.0	5/13/2025	5/12/2026	in progress	\$	70,929.52
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00124349	MPS Sta 106 Slope Mitigation	CWSCO Specific Water Regulated		565,400.8	1/1/2024	12/31/2024	in progress	\$	287,052.93

Authorized 2021 GRC Capital in progress	101-BK	2027	101 00099154	Replace chemical feed pumps	CWSCO Specific Water Regulated		264,514.8	2/15/2023	2/14/2024	complete	\$ 313,449.73
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124313	SC Wildfire New Main 460 Zone	CWSCO Specific Water Regulated		452,307.0	1/1/2024	12/31/2024	complete	\$ 519,777.09
Authorized 2021 GRC Capital in progress	342-GO	2026	330 00124978	CSS Energy Management System	CWSCO Specific Water Regulated	Office	299,163.4	1/1/2024	12/31/2024	complete	\$ 221,244.20
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00124776	HR 029 AMMONIA INJECTION	CWSCO Specific Water Regulated		599,304.2	6/5/2024	6/4/2025	in progress	\$ 23,542.25
Authorized 2021 GRC Capital in progress	118-SSF	2025	152 00124442	SSF Wildfire 380 Zone SFPUC Conn.	CWSCO Specific Water Regulated		500,002.6	2/4/2024	2/3/2025	in progress	\$ 73,383.23
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123799	BK 2024 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	504,398.5	1/1/2024	12/31/2024	in progress	\$ 198,923.18
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00124729	BK 045-T1 - Tank Roof Replacement	CWSCO Specific Water Regulated		491,640.7	12/19/2023	12/18/2024	in progress	\$ 33,255.12
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00124814	PV Station 49 Mixing and Dosing T-2	CWSCO Specific Water Regulated		174,327.5	12/9/2024	12/8/2025	in progress	\$ -
Authorized 2021 GRC Capital in progress	122-PV	2024	122 122MRP24	PV 2024 Main Replacement Program	CWSCO Specific Water Regulated		5,517,102.1	1/1/2024	12/31/2024	in progress	\$ 4,426,003.00
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00124813	PV Station 37 Mixing and Dosing	CWSCO Specific Water Regulated		155,102.8	12/9/2024	12/8/2025	in progress	\$ -
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 123MRP24	WLK 2024 Main Replacement Program	CWSCO Specific Water Regulated		1,271,487.1	1/1/2024	12/31/2024	in progress	\$ 37,916.00
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00114646	Sta 30 Chem Addition	CWSCO Specific Water Regulated		954,363.7	9/19/2023	9/18/2024	in progress	\$ 479,927.40
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00118020	Modular Building	CWSCO Specific Water Regulated		409,602.8	10/2/2023	10/1/2024	in progress	\$ 471,489.25
Authorized 2021 GRC Capital in progress	109-KC	2024	109 KCD0900	Meter Replacement Program	CWSCO Specific Water Regulated		33,092.3	1/1/2024	12/31/2024	in progress	\$ 22,756.84
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00124259	MRL 010-T2 - Seismic Retrofits	CWSCO Specific Water Regulated		358,649.8	10/16/2023	10/15/2024	in progress	\$ 5,069.12
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00123190	BK 116 PB & Building Replacement	CWSCO Specific Water Regulated		1,164,345.1	5/27/2024	5/26/2025	in progress	\$ 114,204.14
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 MRL0900	Meter Replacement Program	CWSCO Specific Water Regulated		30,849.4	1/1/2024	12/31/2024	in progress	\$ 20,463.83
Authorized 2021 GRC Capital in progress	119-STK	2027	119 00124311	STK STA 71 Panel and Genset Install	CWSCO Specific Water Regulated		427,390.1	4/30/2026	4/29/2027	in progress	\$ 15,428.33
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 128MRP24	DOM 2024 Main Replacement Program	CWSCO Specific Water Regulated		4,736,258.0	1/1/2024	12/31/2024	in progress	\$ 2,460,004.00
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126485	2024 ELA 63 Carbon Change Outs	-CWSCO Specific Water Regulated		441,229.7	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00124449	HR 029 Chemical Building	-CWSCO Specific Water Regulated		528,579.1	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00098596	Partial Rebuild SC 106	CWSCO Specific Water Regulated		951,963.7	7/2/2023	7/1/2024	complete	\$ 1,302,173.63
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126484	2023 ELA 63 Carbon Change Outs	CWSCO Specific Water Regulated		430,468.4	5/2/2023	5/1/2024	complete	\$ 406,614.24
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126088	TAB Backflow Device Replacement	-CWSCO Specific Water Regulated		366,287.0	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00098022	Storage/Dump Facility STN14 SLN	CWSCO Specific Water Regulated		379,746.8	4/19/2024	4/18/2025	in progress	\$ 313,423.77
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123976	DOM 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		139,626.5	12/6/2023	12/5/2024	in progress	\$ 1,422.07
Authorized 2021 GRC Capital in progress	157-TAB	2026	157 00126086	TAB Backflow Device Replacement	-CWSCO Specific Water Regulated		388,659.9	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126483	2022 ELA 63 Carbon Change Outs	CWSCO Specific Water Regulated		485,232.1	5/2/2023	5/1/2024	complete	\$ 800,249.41
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00115323	STK-68 Blow Off	CWSCO Specific Water Regulated		74,937.6	10/23/2024	10/22/2025	in progress	\$ 52,529.51
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125395	HR 2024 Vault Safety & Ops Imprvmnt	-CWSCO Specific Water Regulated		296,582.3	6/2/2023	6/1/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00125647	RDV LUC 001 Pier Safety Upgrades	CWSCO Specific Water Regulated		382,995.8	3/8/2023	3/7/2024	complete	\$ 453,679.77
Authorized 2021 GRC Capital in progress	108-HR	2026	108 00124379	HR SCADA and Meters HR-PV	CWSCO Specific Water Regulated		371,291.8	6/11/2025	6/10/2026	in progress	\$ 1,977.70
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00123957	BG Sta. 23 Panelboard Replacement	CWSCO Specific Water Regulated		422,251.5	6/9/2025	6/8/2026	in progress	\$ 102,286.52
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00125128	LAS Sta. 41 Tank Mixing and Dosing	CWSCO Specific Water Regulated		974,454.9	7/25/2024	7/24/2025	in progress	\$ 43,881.21
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00124292	STK STA 66-02 Panelboard Replacemnt	CWSCO Specific Water Regulated		412,092.8	9/5/2024	9/4/2025	in progress	\$ 68,828.37
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00124970	MPS-029 T1 Nitrification Control	CWSCO Specific Water Regulated		718,143.5	4/18/2024	4/17/2025	in progress	\$ 32,166.12
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00124968	CSS-SC RCC PHASE 2 OFFICE SP. BUILD	-CWSCO Specific Water Regulated		412,888.8	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00123935	BG Sta. 20 Panelboard Replacement	CWSCO Specific Water Regulated		407,746.9	11/6/2024	11/5/2025	in progress	\$ 35,216.42
Authorized 2021 GRC Capital in progress	118-SSF	2026	152 00123709	SSF 005 Panelboard Replacement	CWSCO Specific Water Regulated		399,902.9	1/8/2025	1/7/2026	in progress	\$ 25,934.87
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00125644	PV Wildfire Zone H-1300 NewMain-PRV	CWSCO Specific Water Regulated		311,360.0	1/1/2024	12/31/2024	complete	\$ 369,157.06
Authorized 2021 GRC Capital in progress	362-GO	2024	330 00124805	CSS Next Generation Vulnerab. Scan	-CWSCO Specific Water Regulated	Office	312,796.2	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00099307	Widen Driveway	CWSCO Specific Water Regulated		334,464.1	2/15/2023	2/14/2024	complete	\$ 177,869.66
Authorized 2021 GRC Capital in progress	129-AV	2024	129 129MRP24	AV 2024 Main Replacement Program	CWSCO Specific Water Regulated		275,348.4	1/1/2024	12/31/2024	in progress	\$ 143,809.00
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123564	MPS 2023 Control Valve Replacement	CWSCO Specific Water Regulated		358,649.8	5/2/2023	5/1/2024	in progress	\$ 546,613.55
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124181	PV 2024 Control Valve Overhaul	CWSCO Specific Water Regulated		40,405.9	1/1/2024	12/31/2024	in progress	\$ 499,449.49
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00124364	BK 2023 GAC Media Replacement	CWSCO Specific Water Regulated		447,115.6	2/15/2023	2/14/2024	complete	\$ 529,832.45
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123899	BK 212 Panelboard Replacement	CWSCO Specific Water Regulated		352,585.9	12/26/2025	12/25/2026	in progress	\$ 574.30
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123864	BK 162 Panelboard Replacement	CWSCO Specific Water Regulated		382,172.2	11/21/2024	11/20/2025	in progress	\$ 93,904.69
Authorized 2021 GRC Capital in progress	366-GO	2024	330 00124609	CSS 2023 SCADA Server Replacement	CWSCO Specific Water Regulated	Office	325,118.5	1/1/2024	12/31/2024	complete	\$ 433,692.51
Authorized 2021 GRC Capital in progress	366-GO	2024	330 00124605	CSS SCADA Server & Network Replace	CWSCO Specific Water Regulated	Office	331,753.6	1/1/2024	12/31/2024	complete	\$ 325,735.32
Authorized 2021 GRC Capital in progress	366-GO	2026	330 00124576	CSS 2023 Network Hardware Replacmt.	CWSCO Specific Water Regulated	Office	350,710.9	1/1/2024	12/31/2024	complete	\$ 591,174.62
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124177	PV 2023 Control Valve Overhaul	CWSCO Specific Water Regulated		497,046.4	1/1/2024	12/31/2024	complete	\$ 681,446.58
Authorized 2021 GRC Capital in progress	382-GO	2025	330 00123737	CSS 2023 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	1,043,403.9	1/1/2024	12/31/2024	in progress	\$ 735,689.66
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123797	VIS 077-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		506,329.1	5/15/2023	5/14/2024	complete	\$ 581,470.73
Authorized 2021 GRC Capital in progress	149-COS	2026	149 00123711	RDV COS 7 New Generator	CWSCO Specific Water Regulated		379,046.1	6/12/2025	6/11/2026	in progress	\$ 124,871.31
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125393	HR 2022 Vault Safety & Ops Imprvmnt	CWSCO Specific Water Regulated		333,333.3	1/31/2023	1/30/2024	complete	\$ 309,209.42

Authorized 2021 GRC Capital in progress	120-VIS	2025	120 00124689	VIS 201-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		363,705.2	3/15/2024	3/14/2025	in progress	\$ 74,019.18
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00124820	BK 2024 NEWTP Filter Modules	-CWSCO Specific Water Regulated		337,552.7	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124251	Chico WSFMP	CWSCO Specific Water Regulated		311,674.3	1/1/2024	12/31/2024	in progress	\$ 173,581.08
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00125394	HR 2023 Vault Safety & Ops Imprvmt	CWSCO Specific Water Regulated		327,426.2	5/29/2023	5/28/2024	in progress	\$ 99,819.71
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124261	Livermore WSFMP	CWSCO Specific Water Regulated		311,674.3	1/1/2025	12/31/2025	in progress	\$ -
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00118053	Backflow Devices isdc 6	CWSCO Specific Water Regulated		210,970.5	10/2/2023	10/1/2024	complete	\$ 441,440.82
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00124819	BK 2023 NEWTP Filter Modules	-CWSCO Specific Water Regulated		337,552.7	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124444	DOM PRV/Vault @ 1610 E. Sepulveda	CWSCO Specific Water Regulated		230,379.7	1/1/2024	12/31/2024	complete	\$ 384,042.27
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124268	Visalia WSFMP	CWSCO Specific Water Regulated		311,673.9	1/1/2024	12/31/2024	in progress	\$ 205,502.69
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00123960	SLN Sta 57 Panelboard Replacement	CWSCO Specific Water Regulated		331,607.2	7/22/2025	7/21/2026	in progress	\$ 11,951.40
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123684	BK Sta 146-04 Wildfire Generator	CWSCO Specific Water Regulated		347,519.8	6/12/2025	6/11/2026	in progress	\$ 67,671.51
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124330	LAS Station 30 New Generator	CWSCO Specific Water Regulated		348,375.8	1/28/2025	1/27/2026	in progress	\$ 49,983.06
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115179	Panelboard Replacement BG-16	CWSCO Specific Water Regulated		881,459.9	6/25/2023	6/24/2024	complete	\$ 1,092,795.69
Authorized 2021 GRC Capital in progress	122-PV	2027	122 00124265	Palos Verdes WSFMP	CWSCO Specific Water Regulated		307,488.2	1/1/2026	12/31/2026	in progress	\$ -
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00124473	CSS Automate HR Bidding Process	CWSCO Specific Water Regulated	Office	293,838.9	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	108-HR	2026	108 00123890	HR Station 4 Panelboard Replacement	CWSCO Specific Water Regulated		317,797.1	9/18/2025	9/17/2026	in progress	\$ 29,143.26
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00124255	Dominguez WSFMP	CWSCO Specific Water Regulated		307,488.2	1/1/2026	12/31/2026	in progress	\$ -
Authorized 2021 GRC Capital in progress	108-HR	2026	108 00124257	Hermosa Redondo WSFMP	CWSCO Specific Water Regulated		307,488.2	1/1/2026	12/31/2026	in progress	\$ -
Authorized 2021 GRC Capital in progress	134-KRV	2025	134 00115830	Lakeland WTP Upgrades	CWSCO Specific Water Regulated		221,024.9	4/22/2024	4/21/2025	in progress	\$ 277,185.28
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123180	BK 150 Surge Tank	CWSCO Specific Water Regulated		310,619.4	6/20/2023	6/19/2024	complete	\$ 393,904.94
Authorized 2021 GRC Capital in progress	134-KRV	2025	134 00124434	KRV Arden 012 Station Rebuild	CWSCO Specific Water Regulated		295,358.6	5/16/2023	5/15/2024	complete	\$ 334,277.77
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124336	LAS Station 31 New Generator	CWSCO Specific Water Regulated		289,228.5	1/2/2025	1/1/2026	in progress	\$ 54,588.83
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123964	CH 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		359,128.8	5/7/2023	5/6/2024	in progress	\$ 194,961.97
Authorized 2021 GRC Capital in progress	119-STK	2027	119 00124356	Stockton Reliability Study	CWSCO Specific Water Regulated		300,611.2	2/15/2023	2/14/2024	complete	\$ 225,893.64
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00123268	STK Mainline Flushing	-CWSCO Specific Water Regulated	Field	312,019.8	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00123932	SLN Sta 47 Genset Installation	CWSCO Specific Water Regulated		315,771.3	6/16/2025	6/15/2026	in progress	\$ 78,399.90
Authorized 2021 GRC Capital in progress	376-GO	2024	330 00124703	CSS LIMS Software Enhancements	CWSCO Specific Water Regulated	Office	280,763.0	1/1/2024	12/31/2024	in progress	\$ 840.00
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00115768	2021 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	260,663.5	7/2/2023	7/1/2024	complete	\$ 325,644.75
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00124013	SLN STA 61 Panelboard Replacement	CWSCO Specific Water Regulated		309,633.8	9/30/2025	9/29/2026	in progress	\$ 31,711.86
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124500	DOM WB 14 connection overhaul	CWSCO Specific Water Regulated		228,447.3	3/21/2023	3/20/2024	in progress	\$ 31,530.78
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126482	2024 ELA 62 Carbon Change Outs	-CWSCO Specific Water Regulated		306,529.8	1/1/2024	12/31/2024	in progress	\$ 5,651.58
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00123422	LAS Sta. 14 Panelboard Replacement	CWSCO Specific Water Regulated		520,083.5	4/15/2025	4/14/2026	in progress	\$ 9,058.15
Authorized 2021 GRC Capital in progress	104-CH	2026	104 00124236	CH 32 Panelboard Replacement	CWSCO Specific Water Regulated		300,483.2	9/9/2025	9/8/2026	in progress	\$ 27,138.40
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124113	VIS 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		329,113.9	11/19/2023	11/18/2024	in progress	\$ 403,194.32
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00124262	BK 047-02 Well Liner Installation	CWSCO Specific Water Regulated		309,502.1	4/16/2023	4/15/2024	complete	\$ 297,693.68
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00124302	BK 079-01 Well Renewal	CWSCO Specific Water Regulated		322,836.2	12/31/2024	12/30/2025	in progress	\$ 1,757.70
Authorized 2021 GRC Capital in progress	104-CH	2026	104 00124211	CH 54 New Generator and ATS	CWSCO Specific Water Regulated		285,980.3	6/12/2025	6/11/2026	in progress	\$ 212,197.25
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00123706	SLN 040-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		506,329.1	10/17/2024	10/16/2025	in progress	\$ 82,065.31
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124254	LAS Station 17 New Generator	CWSCO Specific Water Regulated		293,388.0	10/13/2025	10/12/2026	in progress	\$ 5,435.06
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126481	2023 ELA 62 Carbon Change Outs	CWSCO Specific Water Regulated		299,053.2	5/2/2023	5/1/2024	complete	\$ 344,989.56
Authorized 2021 GRC Capital in progress	106-ELA	2026	106 00124256	East Los Angeles WSFMP	CWSCO Specific Water Regulated		307,488.2	1/1/2026	12/31/2026	in progress	\$ -
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123297	MPS 2022 Control Valve Replacement	CWSCO Specific Water Regulated		421,940.9	5/2/2023	5/1/2024	in progress	\$ 499,914.18
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123963	CH 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		210,970.5	2/15/2023	2/14/2024	complete	\$ 226,461.60
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00116051	MPS 114-PT1 - Replace Pressure Tank	CWSCO Specific Water Regulated		455,696.2	3/9/2023	3/8/2024	complete	\$ 535,630.73
Authorized 2021 GRC Capital in progress	392-GO	2026	330 00124817	CSS ADDITIONAL EV CHARGERS	CWSCO Specific Water Regulated		324,679.7	9/1/2023	8/31/2024	in progress	\$ 191,454.99
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126031	ISDC 11C broken valve replacement	CWSCO Specific Water Regulated		296,202.5	12/16/2023	12/15/2024	in progress	\$ 261,493.49
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 WIL0900	Meter Replacement Program	CWSCO Specific Water Regulated		20,532.3	1/1/2024	12/31/2024	in progress	\$ 23,589.00
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124110	VIS 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		331,237.1	9/7/2023	9/6/2024	in progress	\$ 400,725.41
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00097980	Purchase Land for New Well Site	CWSCO Specific Water Regulated		194,092.8	5/24/2023	5/23/2024	in progress	\$ 72,842.24
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00124034	SLN STA 304 Panelboard Installation	CWSCO Specific Water Regulated		318,484.2	1/16/2025	1/15/2026	in progress	\$ 71,683.80
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126030	ISDC 11B	CWSCO Specific Water Regulated		319,831.2	12/2/2023	12/1/2024	in progress	\$ 325,864.92
Authorized 2021 GRC Capital in progress	376-GO	2025	330 00124667	CSS Meter Reading Handheld Replace	CWSCO Specific Water Regulated	Field	355,450.2	10/1/2023	9/30/2024	complete	\$ 305,266.56
Authorized 2021 GRC Capital in progress	106-ELA	2027	106 00124441	ELA Sta. 59 Panelboard Replacement	CWSCO Specific Water Regulated		291,998.1	8/20/2025	8/19/2026	in progress	\$ 20,300.50
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00118528	2019 - ADDITIONAL VEHICLES	CWSCO Specific Water Regulated	Vehicle	240,052.1	1/1/2024	12/31/2024	complete	\$ 274,483.66
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124502	DOM WB 36 connection overhaul	-CWSCO Specific Water Regulated		206,919.8	11/1/2023	10/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124503	DOM WB 39 connection overhaul	-CWSCO Specific Water Regulated		205,147.7	11/1/2023	10/31/2024	planning	\$ -

Authorized 2021 GRC Capital in progress	123-WLK	2026	123 00124150	WLK Sta. 6 Tank Mixing	CWSCO Specific Water Regulated		265,867.3	9/25/2024	9/24/2025	in progress	\$	267,694.97
Authorized 2021 GRC Capital in progress	119-STK	2027	119 00125022	STK 2023 SB1398 Service Replacement	-CWSCO Specific Water Regulated		280,755.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00115868	MPS 027-PT2 - Replace Pressure Tank	CWSCO Specific Water Regulated		779,980.6	4/18/2023	4/17/2024	complete	\$	978,108.14
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124299	VIS 014-01 Well Renewal	CWSCO Specific Water Regulated		291,072.6	6/16/2023	6/15/2024	in progress	\$	9,071.77
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124293	LIV 020-01: Well Renewal	CWSCO Specific Water Regulated		253,164.6	12/16/2024	12/15/2025	in progress	\$	1,134.55
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00124483	CSS Digitize Hist. Personnel Rec.	-CWSCO Specific Water Regulated	Office	234,597.2	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00117187	HR 2020 Physical Security Upgrades	CWSCO Specific Water Regulated		296,397.2	1/1/2024	12/31/2024	complete	\$	327,775.20
Authorized 2021 GRC Capital in progress	106-ELA	2025	106 00124368	ELA Sta. 12 Panelboard Replacement	CWSCO Specific Water Regulated		399,867.5	5/27/2024	5/26/2025	in progress	\$	131,968.71
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00125020	STK 2022 SB1398 Service Replacement	-CWSCO Specific Water Regulated		273,907.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124093	LAS STA 008 Wildfire New Generator	CWSCO Specific Water Regulated		292,825.2	2/14/2025	2/13/2026	in progress	\$	90,651.34
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00123641	MPS Station 29 Replace Generator	CWSCO Specific Water Regulated		315,453.2	5/8/2025	5/7/2026	in progress	\$	98,584.60
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124279	LAS Sta 38 Wildfire New Main & PRV	CWSCO Specific Water Regulated		383,893.1	12/25/2023	12/24/2024	in progress	\$	83,961.56
Authorized 2021 GRC Capital in progress	111-LAS	2027	111 00124314	LAS 27 New Generator	CWSCO Specific Water Regulated		263,203.8	1/5/2026	1/4/2027	in progress	\$	40,503.77
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124076	LIV Crane Ridge 001 New Generator	CWSCO Specific Water Regulated		275,517.3	9/11/2024	9/10/2025	in progress	\$	39,367.08
Authorized 2021 GRC Capital in progress	152-BAY	2027	152 00115747	2020 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	267,298.6	1/1/2024	12/31/2024	complete	\$	285,810.77
Authorized 2021 GRC Capital in progress	131-FMT	2027	129 00124272	FMT Sta. 1 Panelboard Replacement	CWSCO Specific Water Regulated		274,686.8	9/18/2025	9/17/2026	in progress	\$	3,942.97
Authorized 2021 GRC Capital in progress	130-LAN	2027	129 00125547	AV-LAN 001 Generator Replacement	CWSCO Specific Water Regulated		270,463.6	5/28/2025	5/27/2026	in progress	\$	8,613.07
Authorized 2021 GRC Capital in progress	129-AV	2024	129 AVD0900	Meter Replacement Program	CWSCO Specific Water Regulated		10,858.2	1/1/2024	12/31/2024	in progress	\$	6,431.94
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00124856	CSS Replace Building Eaves	CWSCO Specific Water Regulated		297,670.5	1/1/2024	12/31/2024	in progress	\$	107,776.55
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124269	LAS Station 119 New Generator	CWSCO Specific Water Regulated		279,842.4	5/14/2025	5/13/2026	in progress	\$	56,988.46
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 ORO0900	Meter Replacement Program	CWSCO Specific Water Regulated		36,066.2	1/1/2024	12/31/2024	in progress	\$	15,599.53
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00123876	LAS 2022 CARB Vehicle Replacement	CWSCO Specific Water Regulated	Vehicle	241,102.4	1/1/2024	12/31/2024	complete	\$	372,856.41
Authorized 2021 GRC Capital in progress	109-KC	2026	109 00124120	KC STA 14 Generator Installation	CWSCO Specific Water Regulated		269,036.3	11/10/2025	11/9/2026	in progress	\$	22,857.05
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00124923	STK Outfitt Hydrant Foreman Equip.	-CWSCO Specific Water Regulated	Field	293,122.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124383	MPS EI Camino Real Main Connection	CWSCO Specific Water Regulated		387,786.3	2/15/2023	2/14/2024	complete	\$	459,526.76
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124154	LIV 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		241,961.7	12/6/2023	12/5/2024	in progress	\$	97.97
Authorized 2021 GRC Capital in progress	120-VIS	2027	120 00123924	VIS 72 Generator Installation	CWSCO Specific Water Regulated		250,099.7	9/29/2025	9/28/2026	in progress	\$	29,230.72
Authorized 2021 GRC Capital in progress	120-VIS	2027	120 00123930	VIS 81 Generator Installation	CWSCO Specific Water Regulated		248,320.2	11/3/2025	11/2/2026	in progress	\$	21,742.89
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00125025	BAY SM STA 028 Wildfire Generator	CWSCO Specific Water Regulated		257,889.8	12/9/2025	12/8/2026	cancelled	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123721	BK 148 Generator Replacement	CWSCO Specific Water Regulated		245,806.1	10/13/2025	10/12/2026	in progress	\$	36,891.83
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124237	CH Routine GAC Changeouts 2024	-CWSCO Specific Water Regulated		400,022.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123181	BKNG 219 Surge Tank	CWSCO Specific Water Regulated		301,901.3	6/20/2023	6/19/2024	complete	\$	395,231.21
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00123503	LIV 34 New 2,000 gal. Press. Tank	CWSCO Specific Water Regulated		464,135.0	2/4/2024	2/3/2025	in progress	\$	165,106.08
Authorized 2021 GRC Capital in progress	118-SSF	2026	152 00123796	SSF STA 101 Wildfire Generator	CWSCO Specific Water Regulated		253,651.7	10/20/2025	10/19/2026	cancelled	\$	-
Authorized 2021 GRC Capital in progress	362-GO	2024	330 00124492	CSS SCADA security system	CWSCO Specific Water Regulated	Office	236,966.8	4/1/2023	3/31/2024	complete	\$	321,002.08
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00012047	WELLHEAD TREATMENT STA 219-02	CWSCO Specific Water Regulated		215,696.2	11/2/2023	11/1/2024	complete	\$	255,525.24
Authorized 2021 GRC Capital in progress	392-GO	2026	330 00116215	ENERGY EFFICIENCY IMPROVEMENTS	CWSCO Specific Water Regulated		223,628.7	7/2/2023	7/1/2024	complete	\$	269,881.32
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00123848	BAY SM STA 012 Wildfire Generator	CWSCO Specific Water Regulated		266,610.8	12/13/2024	12/12/2025	in progress	\$	38,406.42
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00124267	Stockton WSFMP	CWSCO Specific Water Regulated		229,266.7	1/1/2025	12/31/2025	in progress	\$	588.17
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124234	CH GAC Changeouts 2023-Sta 21&46	CWSCO Specific Water Regulated		209,511.1	1/17/2023	1/16/2024	complete	\$	249,967.82
Authorized 2021 GRC Capital in progress	148-ARMV	2026	650 00124333	ARM 001 New Genset	CWSCO Specific Water Regulated		252,104.1	2/17/2025	2/16/2026	in progress	\$	31,038.19
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00124857	CSS Access Control System	-CWSCO Specific Water Regulated		244,271.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123850	BK 156 Generator Replacement	CWSCO Specific Water Regulated		265,822.8	6/11/2025	6/10/2026	in progress	\$	75,236.59
Authorized 2021 GRC Capital in progress	151-RD	2025	151 00123766	RD 2023 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	360,189.6	1/1/2024	12/31/2024	in progress	\$	258,462.70
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00124209	STK DIST OFC Genset Installation	CWSCO Specific Water Regulated		244,144.3	5/12/2025	5/11/2026	in progress	\$	61,058.21
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124501	DOM WB 35 connection overhaul	-CWSCO Specific Water Regulated		173,080.2	11/1/2023	10/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00123926	ELA 12 Pressure Tank	CWSCO Specific Water Regulated		522,529.1	5/4/2023	5/3/2024	complete	\$	573,178.34
Authorized 2021 GRC Capital in progress	111-LAS	2027	111 00098765	Flow meters at 3 of 5 stations	CWSCO Specific Water Regulated		253,164.6	1/1/2024	12/31/2024	complete	\$	372,655.78
Authorized 2021 GRC Capital in progress	105-DIX	2025	105 00124253	Dixon WSFMP	CWSCO Specific Water Regulated		229,266.7	1/1/2025	12/31/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124026	SLN STA 205 Wildfire New Generator	CWSCO Specific Water Regulated		267,991.6	12/18/2023	12/17/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2026	134 00125649	KRV Vault Retrofit Project	CWSCO Specific Water Regulated		337,552.7	12/16/2023	12/15/2024	complete	\$	219,066.78
Authorized 2021 GRC Capital in progress	376-GO	2026	330 00124682	CSS Cust. Serv. Analytics Software	CWSCO Specific Water Regulated	Office	206,635.1	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2025	106 00124479	ELA Sta. 12 Genset Replacement	CWSCO Specific Water Regulated		332,514.8	4/1/2024	3/31/2025	in progress	\$	67,375.28
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 DIX0900	Meter Replacement Program	CWSCO Specific Water Regulated		14,908.0	1/1/2024	12/31/2024	in progress	\$	2,735.85
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124351	Livermore Reliability Study	CWSCO Specific Water Regulated		227,252.7	2/15/2023	2/14/2024	complete	\$	159,765.84
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00124633	CSS Portable Booster Pumps	-CWSCO Specific Water Regulated		105,733.8	12/16/2023	12/15/2024	planning	\$	-

Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123724	CH 2024 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	281,834.0	1/1/2024	12/31/2024	in progress	\$ 176,721.06
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124482	DOM WB 21 connection overhaul	CWSCO Specific Water Regulated		204,289.1	12/1/2023	11/30/2024	in progress	\$ 14,451.41
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00123783	STK 2024 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	286,556.0	1/1/2024	12/31/2024	in progress	\$ 48,380.51
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124465	DOM WB 10 connection overhaul	CWSCO Specific Water Regulated		201,916.3	12/1/2023	11/30/2024	complete	\$ 181,229.52
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124386	HR Meter at Prospect & Del Amo	-CWSCO Specific Water Regulated		-	1/1/2024	12/31/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00116237	Replace 4 bulk chem tanks - NE WTP	CWSCO Specific Water Regulated		180,748.5	1/2/2023	1/1/2024	in progress	\$ 70,845.81
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124824	BK NEWTP CIP Neutralization Tank	-CWSCO Specific Water Regulated		189,873.4	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	151-RD	2026	151 00123768	RD 2024 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	265,887.2	1/1/2024	12/31/2024	in progress	\$ 42,237.72
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 KRV0900	Meter Replacement Program	CWSCO Specific Water Regulated		11,071.8	1/1/2024	12/31/2024	in progress	\$ 2,584.32
Authorized 2021 GRC Capital in progress	130-LAN	2025	129 00116013	LAN 001-PT1: Replace Pressure Tank	CWSCO Specific Water Regulated		191,080.1	8/7/2024	8/6/2025	in progress	\$ 79,548.32
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00123616	LAS 2023 Control Valve Replacement	CWSCO Specific Water Regulated		388,185.7	5/2/2023	5/1/2024	in progress	\$ 721,406.40
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00124296	SEL 011-01 Well Renewal	CWSCO Specific Water Regulated		190,307.3	6/16/2023	6/15/2024	in progress	\$ 36,295.57
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123510	BK Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		190,801.7	3/2/2024	3/1/2025	in progress	\$ 76,474.19
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124822	BK NEWTP Traveling Screen Rebuild	-CWSCO Specific Water Regulated		113,924.1	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00116064	MPS 120-PT1: Replace Pressure Tank	CWSCO Specific Water Regulated		369,079.3	2/15/2023	2/14/2024	complete	\$ 699,275.77
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00125065	CSS GPS Basestations	CWSCO Specific Water Regulated	Office	154,143.1	1/1/2024	12/31/2024	complete	\$ 175,007.83
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123662	BK 176-T2 - Seismic Retrofit	CWSCO Specific Water Regulated		189,873.4	11/16/2023	11/15/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00115340	Replace F.H. & Valves	-CWSCO Specific Water Regulated		164,557.0	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125551	SLN 2024 Vault replacement	-CWSCO Specific Water Regulated		178,951.1	7/2/2023	7/1/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126095	TAB Station 1 Vault Replacement	CWSCO Specific Water Regulated		126,582.3	6/2/2023	6/1/2024	complete	\$ 209,098.39
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125550	SLN 2023 Vault replacement	CWSCO Specific Water Regulated		162,025.3	6/1/2023	5/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125542	SLN 2022 Vault Replacements	CWSCO Specific Water Regulated		160,337.6	1/1/2024	12/31/2024	complete	\$ 195,771.99
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126120	TAB 2022 Hydrant Replacement	CWSCO Specific Water Regulated		172,685.9	5/2/2023	5/1/2024	in progress	\$ 225,456.33
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00115873	ELA 059-PT1 - Replace Pressure Tank	CWSCO Specific Water Regulated		288,734.2	5/30/2023	5/29/2024	complete	\$ 334,549.15
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124163	SLN 2022 Flowmeter Replacements	CWSCO Specific Water Regulated		191,134.1	10/10/2023	10/9/2024	in progress	\$ 197,247.09
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124291	BK 040-02 - Replace Pump & Motor	CWSCO Specific Water Regulated		211,425.4	4/2/2023	4/1/2024	complete	\$ 254,015.90
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00117399	Install SCADA PLC at COS_RDV	CWSCO Specific Water Regulated		367,278.5	2/15/2023	2/14/2024	complete	\$ 435,686.18
Authorized 2021 GRC Capital in progress	123-WLK	2026	123 00124413	WLK 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		163,562.3	12/19/2023	12/18/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124295	BK 134-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		225,294.7	4/2/2023	4/1/2024	complete	\$ 267,500.55
Authorized 2021 GRC Capital in progress	152-BAY	2025	152 00123292	BAY 2023 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	196,208.5	8/2/2023	8/1/2024	complete	\$ 219,741.39
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123413	MPS Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		189,452.9	12/19/2023	12/18/2024	in progress	\$ 63,430.39
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00126493	2024 VIS 77 Carbon Change Outs	-CWSCO Specific Water Regulated		157,245.6	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00126470	2024 BK Carbon Change Outs	-CWSCO Specific Water Regulated		156,271.9	1/1/2024	12/31/2024	in progress	\$ 194,683.21
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00115842	2021 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	130,891.0	6/2/2023	6/1/2024	in progress	\$ 77,625.08
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124252	SLN 2023 Additional Valve Truck	-CWSCO Specific Water Regulated	Vehicle	143,167.2	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	152-BAY	2024	152 00123284	BAY 2022 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	190,568.2	1/1/2024	12/31/2024	complete	\$ 220,434.12
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00124345	Dixon Reliability Study	CWSCO Specific Water Regulated		143,305.9	2/15/2023	2/14/2024	complete	\$ 108,591.38
Authorized 2021 GRC Capital in progress	112-MRL	2026	112 00124352	Marysville Reliability Study	CWSCO Specific Water Regulated		152,442.8	1/1/2024	12/31/2024	complete	\$ 87,618.67
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124353	Oroville Reliability Study	CWSCO Specific Water Regulated		152,442.8	2/15/2023	2/14/2024	complete	\$ 180,633.60
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124281	PVD 2024 Control Valve Replacem.	CWSCO Specific Water Regulated		384,605.0	1/1/2024	12/31/2024	in progress	\$ 292,763.39
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00126492	2023 VIS 77 Carbon Change Outs	-CWSCO Specific Water Regulated		153,410.3	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124751	STK STA 75 GAC Media Replacment	-CWSCO Specific Water Regulated		154,555.6	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123614	LAS 2022 Control Valve Replacements	CWSCO Specific Water Regulated		387,632.1	1/1/2024	12/31/2024	complete	\$ 500,620.23
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00126467	2023 BK 49 Carbon Change Outs	-CWSCO Specific Water Regulated		152,460.4	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	113-ORO	2025	113 00124264	Oroville WSFMP	CWSCO Specific Water Regulated		375,378.9	1/1/2024	12/31/2024	in progress	\$ 102,446.37
Authorized 2021 GRC Capital in progress	382-GO	2026	330 00123739	CSS 2024 Vehicle Replacement Progrm	-CWSCO Specific Water Regulated	Vehicle	412,974.2	1/1/2024	12/31/2024	in progress	\$ 40,175.11
Authorized 2021 GRC Capital in progress	129-AV	2025	129 00124343	Antelope Valley Reliability Study	CWSCO Specific Water Regulated		134,870.3	1/1/2025	12/31/2025	in progress	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00115380	Replace Blow-offs	-CWSCO Specific Water Regulated		133,989.9	1/1/2025	12/31/2025	in progress	\$ 1,305.32
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124346	Dominguez Reliability Study	CWSCO Specific Water Regulated		136,140.6	1/1/2024	12/31/2024	in progress	\$ 35,582.46
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124347	East Los Angeles Reliability Study	CWSCO Specific Water Regulated		136,140.6	1/1/2024	12/31/2024	in progress	\$ 32,810.69
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124348	Hermosa Redondo Reliability Study	CWSCO Specific Water Regulated		136,140.6	1/1/2024	12/31/2024	in progress	\$ 33,343.79
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124354	Palos Verdes Reliability Study	CWSCO Specific Water Regulated		136,140.6	1/1/2024	12/31/2024	in progress	\$ 34,446.84
Authorized 2021 GRC Capital in progress	123-WLK	2026	123 00124357	Westlake Reliability Study	CWSCO Specific Water Regulated		136,140.6	1/1/2024	12/31/2024	in progress	\$ 31,196.36
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124378	VIS 2024 GAC Media Replacement	CWSCO Specific Water Regulated		146,340.8	1/1/2024	12/31/2024	complete	\$ 722,508.00
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00115379	Replace Blow-offs	-CWSCO Specific Water Regulated		130,722.4	1/1/2025	12/31/2025	complete	\$ 167,310.10
Authorized 2021 GRC Capital in progress	322-WTRR	2024	330 00124754	CSS Recycled Water Strategic Plan	CWSCO Specific Water Regulated		136,305.5	1/1/2024	12/31/2024	in progress	\$ 3,625.65

Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123961	BK 2023 Flowmeter Replacements	CWSCO Specific Water Regulated		152,742.6	2/27/2023	2/26/2024	complete	\$	317,500.97
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00123999	LIV Turnout 5 RTU Install	CWSCO Specific Water Regulated		167,173.9	1/30/2024	1/29/2025	in progress	\$	63,173.78
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124166	SLN 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		159,537.4	7/18/2023	7/17/2024	in progress	\$	16,132.67
Authorized 2021 GRC Capital in progress	146-RDV	2025	146 00124266	Redwood Valley WSFMP	CWSCO Specific Water Regulated		125,078.1	1/1/2024	12/31/2024	in progress	\$	9,607.42
Authorized 2021 GRC Capital in progress	147-LUC	2026	147 00125118	LUC Field Yard Land Acquisition	CWSCO Specific Water Regulated		133,143.5	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126347	ELA Replace V208165	CWSCO Specific Water Regulated	Vehicle	129,099.5	1/1/2024	12/31/2024	complete	\$	122,595.31
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00116071	LEO 001-T1: Seismic Retrofit	CWSCO Specific Water Regulated		122,652.3	3/8/2023	3/7/2024	complete	\$	66,680.93
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124179	HR 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		134,177.2	3/2/2023	3/1/2024	complete	\$	134,128.34
Authorized 2021 GRC Capital in progress	134-KRV	2025	134 00123526	KRV Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		134,092.8	10/2/2023	10/1/2024	in progress	\$	41,235.25
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00124249	MPS 027-T2 - Tank Retrofits	-CWSCO Specific Water Regulated		134,618.1	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00125018	MRL 2023 SB1398 Service Replacement	-CWSCO Specific Water Regulated		131,019.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	130-LAN	2024	129 00114792	LAN 001-T2 Seismic Retrofit	CWSCO Specific Water Regulated		87,763.7	2/14/2023	2/13/2024	complete	\$	82,519.05
Authorized 2021 GRC Capital in progress	130-LAN	2024	129 00114793	LAN 001-T3 Seismic Retrofit	CWSCO Specific Water Regulated		87,763.7	1/1/2024	12/31/2024	complete	\$	87,382.59
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00116211	Acid feed system - NW WTP	CWSCO Specific Water Regulated		52,320.7	1/1/2024	12/31/2024	complete	\$	54,629.15
Authorized 2021 GRC Capital in progress	112-MRL	2026	112 00124263	Marysville WSFMP	CWSCO Specific Water Regulated		119,121.5	1/1/2025	12/31/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00117192	PV 2019 Physical Security Upgrades	CWSCO Specific Water Regulated		160,337.6	1/1/2024	12/31/2024	complete	\$	269,253.63
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00125535	MPS 2024 SB1398 Service Replacement	-CWSCO Specific Water Regulated		127,695.0	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	379-GO	2024	330 00124552	CSS 2024 Website Enhancements	-CWSCO Specific Water Regulated	Office	104,265.4	1/1/2024	12/31/2024	in progress	\$	23,814.00
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00123260	STK STA 66-02 Roof Replacement	CWSCO Specific Water Regulated		153,586.5	12/24/2023	12/23/2024	in progress	\$	19,355.70
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124283	LAS 039-01: Well Renewal	CWSCO Specific Water Regulated		214,961.2	2/2/2023	2/1/2024	complete	\$	266,341.08
Authorized 2021 GRC Capital in progress	134-KRV	2025	134 00124258	Kern River Valley WSFMP	CWSCO Specific Water Regulated		113,165.9	1/1/2025	12/31/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2027	129 00124250	Antelope Valley WSFMP	CWSCO Specific Water Regulated		113,165.9	1/1/2027	12/31/2027	in progress	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124826	BK NWWTP Algal Toxin Study	CWSCO Specific Water Regulated		125,666.5	1/1/2024	12/31/2024	in progress	\$	67,317.30
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00125533	SSF 2023 SB1398 Service Replacement	-CWSCO Specific Water Regulated		124,580.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123141	BG Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		84,388.2	4/16/2023	4/15/2024	in progress	\$	57,566.94
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124056	ELA Relocate Existing Control Valve	CWSCO Specific Water Regulated		128,950.2	3/9/2023	3/8/2024	complete	\$	90,755.86
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00126480	2022 ELA 62 Carbon Change Outs	CWSCO Specific Water Regulated		367,088.6	5/2/2023	5/1/2024	complete	\$	348,613.48
Authorized 2021 GRC Capital in progress	376-GO	2024	330 00124700	CSS Compliance Monitoring Analytics	-CWSCO Specific Water Regulated	Office	104,015.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	121-WIL	2026	121 00124390	Willows Reliability Study	CWSCO Specific Water Regulated		121,777.9	1/1/2024	12/31/2024	complete	\$	68,435.62
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124191	STK 60-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		135,021.1	6/2/2023	6/1/2024	complete	\$	152,484.40
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125127	KC 010: New Bladder Tank	CWSCO Specific Water Regulated		460,237.1	7/31/2023	7/30/2024	in progress	\$	191,662.78
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125664	SLN 2024 Toro Park hydrant replace	-CWSCO Specific Water Regulated		75,949.4	11/16/2023	11/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124062	ELA 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		126,582.3	12/20/2023	12/19/2024	in progress	\$	41,271.42
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00125531	MPS 2022 SB1398 Service Replacement	-CWSCO Specific Water Regulated		121,542.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00124409	CSS 2024 AM Large Tools	CWSCO Specific Water Regulated	Field	101,383.4	1/1/2024	12/31/2024	in progress	\$	21,423.39
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124828	BK NWWTP Algal Toxin Study	CWSCO Specific Water Regulated		100,149.4	1/1/2024	12/31/2024	in progress	\$	66,035.61
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125489	SLN 2023 Toro Hydrant Replacement	CWSCO Specific Water Regulated		75,949.4	1/1/2024	12/31/2024	in progress	\$	113,811.09
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00124406	CSS 2023 AM Large Tools	CWSCO Specific Water Regulated	Field	98,910.5	1/1/2024	12/31/2024	complete	\$	98,847.91
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123630	DOM 277-T1 - Seismic Retrofit	CWSCO Specific Water Regulated		118,143.5	6/16/2023	6/15/2024	in progress	\$	178.43
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123598	DOM 2024 Control Valve Replacement	-CWSCO Specific Water Regulated		328,672.5	12/19/2023	12/18/2024	in progress	\$	1,393.72
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123925	BK 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		210,970.5	3/6/2023	3/5/2024	complete	\$	125,274.44
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123176	BK 1025 Zone SCADA	-CWSCO Specific Water Regulated		106,593.6	12/31/2023	12/30/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124636	VIS Elev Tanks Seismic/Geotech Stud	CWSCO Specific Water Regulated		138,481.0	6/16/2023	6/15/2024	complete	\$	164,712.77
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123397	LAS Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		128,413.4	1/1/2024	12/31/2024	in progress	\$	95,050.44
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124428	KRV Kernville 001 Repl AP6 Filters	CWSCO Specific Water Regulated		104,112.2	1/1/2024	12/31/2024	in progress	\$	8,298.47
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00124888	LIV Portable Booster Pump	-CWSCO Specific Water Regulated		94,286.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00116059	BOD 011-T1: Tank Retrofits	CWSCO Specific Water Regulated		128,514.5	9/10/2023	9/9/2024	in progress	\$	6,877.16
Authorized 2021 GRC Capital in progress	152-BAY	2026	152 00115748	2021 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	92,658.8	5/2/2023	5/1/2024	in progress	\$	45,019.63
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00114328	Portola Road Pipeline	CWSCO Specific Water Regulated		2,043,063.3	9/13/2023	9/12/2024	in progress	\$	2,328,021.18
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124190	BK Sta 96 Vault Lid Replacement	-CWSCO Specific Water Regulated		73,881.9	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	152-BAY	2026	152 00123702	BAY 2024 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	98,144.9	1/1/2024	12/31/2024	in progress	\$	48,079.37
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125472	SLN 2022 Toro Hydrant Replacement	CWSCO Specific Water Regulated		101,265.8	1/1/2024	12/31/2024	complete	\$	137,904.94
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126039	TAB 1525 (T2) - Tank Retrofits	CWSCO Specific Water Regulated		157,693.3	1/18/2023	1/17/2024	complete	\$	186,866.61
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00123765	RD 2022 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	178,360.7	4/1/2023	3/31/2024	in progress	\$	48,115.91
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00114875	BK 140-1W: Pump & Motor Replace	CWSCO Specific Water Regulated		151,898.7	4/2/2023	4/1/2024	complete	\$	196,501.40
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123774	SLN 2023 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	94,786.7	4/2/2023	4/1/2024	complete	\$	55,682.16

Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123786	VIS 2024 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	93,798.8	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00098428	Video Surveillance at Reservoir	CWSCO Specific Water Regulated		93,001.7	8/31/2023	8/30/2024	in progress	\$	115,417.20
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123723	CH 2023 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	90,047.4	4/2/2023	4/1/2024	complete	\$	102,177.35
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00117538	NOH_201_Trmt_Mods	CWSCO Specific Water Regulated		413,502.1	6/1/2023	5/31/2024	complete	\$	458,993.48
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124186	HR 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		94,622.0	10/19/2023	10/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123740	KRV 2022 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	91,943.1	5/2/2023	5/1/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123859	BK 215 VFD Controls Upgrades	CWSCO Specific Water Regulated		96,644.5	7/11/2024	7/10/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00116923	COS_07 Free Chlorine Conversion	CWSCO Specific Water Regulated		187,802.5	6/7/2023	6/6/2024	complete	\$	271,292.36
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00123733	ELA 2024 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	135,861.6	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00123751	STK 069-A Replace Pump & Motor	CWSCO Specific Water Regulated		67,510.5	12/16/2023	12/15/2024	complete	\$	44,937.54
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124143	VIS 083-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		125,103.9	5/16/2023	5/15/2024	complete	\$	175,108.22
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124184	HR 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		168,776.4	11/15/2023	11/14/2024	in progress	\$	3,437.90
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00126078	Sharkfin Recharge Facilities	-CWSCO Specific Water Regulated		94,736.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124725	LIV 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	1/1/2024	12/31/2024	complete	\$	97,612.20
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00125415	BG 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		117,299.6	1/1/2024	12/31/2024	complete	\$	148,601.58
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00125422	BK 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	3/2/2023	3/1/2024	complete	\$	96,752.06
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00125425	CH 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		188,787.6	3/31/2023	3/30/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00125439	DIX 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	1/1/2024	12/31/2024	complete	\$	52,514.99
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00125441	DOM 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		80,748.4	4/2/2023	4/1/2024	complete	\$	77,896.74
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00125446	ELA 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		111,383.1	1/1/2024	12/31/2024	complete	\$	131,989.80
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125453	HR 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	3/26/2023	3/25/2024	complete	\$	61,577.82
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125462	KC 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		42,194.1	3/9/2023	3/8/2024	complete	\$	56,774.65
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00125466	LAS 2023 Physical Security Upgrades	-CWSCO Specific Water Regulated		834,592.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00125473	MRL 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	1/1/2024	12/31/2024	complete	\$	68,506.69
Authorized 2021 GRC Capital in progress	123-WLK	2025	123 00125479	WLK 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	4/19/2023	4/18/2024	complete	\$	99,008.07
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00125482	PV 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		223,923.4	1/1/2024	12/31/2024	complete	\$	274,311.55
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125493	SLN 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	1/1/2024	12/31/2024	complete	\$	59,107.19
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00125496	STK 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	3/31/2023	3/30/2024	complete	\$	88,430.92
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00125500	VIS 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		61,603.4	1/1/2024	12/31/2024	complete	\$	138,981.91
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 00125502	WIL Physical Security Upgrades	-CWSCO Specific Water Regulated		113,809.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00125504	AV 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		22,628.7	1/1/2024	12/31/2024	complete	\$	28,372.92
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125507	KRV 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		129,430.2	3/9/2023	3/8/2024	complete	\$	153,374.79
Authorized 2021 GRC Capital in progress	118-SSF	2025	152 00125512	SSF 2023 Physical Security Upgrades	CWSCO Specific Water Regulated		89,451.5	1/1/2024	12/31/2024	complete	\$	122,798.80
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124063	ELA 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		168,776.4	11/15/2023	11/14/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124171	MPS 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated		40,405.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00123906	MPS 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		97,446.4	10/19/2023	10/18/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	132-LEO	2025	129 00124301	Leona Valley Portable Generator	CWSCO Specific Water Regulated	Field	89,882.7	9/23/2024	9/22/2025	in progress	\$	2,271.08
Authorized 2021 GRC Capital in progress	110-LIV	2026	110 00124768	LIV 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		375,979.8	12/2/2023	12/1/2024	in progress	\$	215,256.00
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00125423	BK 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		600,449.9	1/1/2024	12/31/2024	in progress	\$	344,007.67
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00125426	CH 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		99,406.4	1/1/2024	12/31/2024	complete	\$	91,800.56
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00125444	DOM 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		105,132.0	1/1/2024	12/31/2024	complete	\$	127,219.91
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00125448	ELA 2024 Physical Security Upgrades	CWSCO Specific Water Regulated		123,709.1	1/1/2024	12/31/2024	in progress	\$	108,295.38
Authorized 2021 GRC Capital in progress	108-HR	2027	108 00125458	HR 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		200,255.7	1/1/2024	12/31/2024	in progress	\$	179,547.15
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125463	KC 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		40,183.4	1/1/2024	12/31/2024	complete	\$	35,119.24
Authorized 2021 GRC Capital in progress	112-MRL	2025	112 00125474	MRL 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		76,047.7	1/1/2024	12/31/2024	complete	\$	58,784.89
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00125477	ORO 2022 Physical Security Upgrades	CWSCO Specific Water Regulated		179,719.6	1/1/2024	12/31/2024	complete	\$	199,425.47
Authorized 2021 GRC Capital in progress	123-WLK	2026	123 00125480	WLK 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		95,912.9	1/1/2024	12/31/2024	complete	\$	117,609.29
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00125483	PV 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		146,780.0	1/1/2024	12/31/2024	in progress	\$	73,190.59
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00125486	SEL 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		165,895.1	1/1/2024	12/31/2024	in progress	\$	155,727.00
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125494	SLN 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		244,514.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00125497	STK 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		791,921.7	1/1/2024	12/31/2024	in progress	\$	541,208.15
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00125501	VIS 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		278,868.7	1/1/2024	12/31/2024	complete	\$	258,395.39
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00125505	AV 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		155,087.3	1/1/2024	12/31/2024	complete	\$	38,577.26
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125508	KRV 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		69,572.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00125513	SSF 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		122,564.5	1/1/2024	12/31/2024	complete	\$	146,661.09
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00125523	ARM 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated		6,220.5	1/1/2024	12/31/2024	planning	\$	-

Authorized 2021 GRC Capital in progress	149-COS	2024	149 00125524	COS 2024 Physical Security Upgrades	-CWSCO Specific Water Regulated	68,252.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125015	LIV 2023 SB1398 Service Replacement	-CWSCO Specific Water Regulated	93,584.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00123825	HR 2024 Control Valve Replacement	-CWSCO Specific Water Regulated	271,010.6	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124823	BK NWWTP Traveling Screen Rebuild	-CWSCO Specific Water Regulated	147,679.3	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124274	PV 2023 Control Valve Replacement	CWSCO Specific Water Regulated	295,358.6	1/1/2024	12/31/2024	complete	\$	331,671.49
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124170	MPS 2023 Control Valve Overhaul	CWSCO Specific Water Regulated	40,405.9	8/2/2023	8/1/2024	in progress	\$	12,675.49
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00124975	BG 2024 Analyzers Replacement	-CWSCO Specific Water Regulated	92,067.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	130-LAN	2024	129 00123632	LAN 001-T2 - Seismic Retrofit	-CWSCO Specific Water Regulated	92,013.3	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125052	SLN Wharfhead Replacements	-CWSCO Specific Water Regulated	91,094.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00126476	2024 ORO 10 Carbon Change Outs	-CWSCO Specific Water Regulated	89,470.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123183	BK 186 Corner Tank BFV Controls	CWSCO Specific Water Regulated	75,085.3	4/18/2024	4/17/2025	in progress	\$	9,501.44
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00117432	LIV 2019 Flowmeter Replacements	CWSCO Specific Water Regulated	68,848.8	4/6/2023	4/5/2024	complete	\$	65,612.36
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00124091	SEL 2024 Flowmeter Replacement	CWSCO Specific Water Regulated	91,128.1	10/19/2023	10/18/2024	complete	\$	72,030.04
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123824	HR 2023 Control Valve Replacement	CWSCO Specific Water Regulated	253,164.6	1/1/2024	12/31/2024	complete	\$	278,199.06
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00126487	2024 VIS 38 Carbon Change Outs	-CWSCO Specific Water Regulated	88,066.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123200	BK 36-02 Piping Replacement	-CWSCO Specific Water Regulated	95,552.2	12/2/2023	12/1/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00126474	2023 ORO 10 Carbon Change Outs	-CWSCO Specific Water Regulated	87,287.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00126495	2023 MRL 15 Carbon Change Outs	-CWSCO Specific Water Regulated	87,287.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2025	112 00126496	2024 MRL 15 Carbon Change Outs	-CWSCO Specific Water Regulated	89,470.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123984	LAS 039-01 - Replace Pump & Motor	CWSCO Specific Water Regulated	148,150.0	2/16/2023	2/15/2024	complete	\$	176,667.87
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00125189	BAY-SC 2022 Sample Site	CWSCO Specific Water Regulated	112,219.7	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00124205	BG 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated	40,405.9	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00123518	ELA Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated	81,856.5	1/14/2023	1/13/2024	complete	\$	96,429.55
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123424	SLN Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated	88,607.6	3/16/2023	3/15/2024	complete	\$	103,704.28
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123201	BK 82 Piping Replacement	CWSCO Specific Water Regulated	208,922.5	1/3/2024	1/2/2025	in progress	\$	64,259.97
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00123734	CSS 2022 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	834,123.2	4/2/2023	4/1/2024	complete	\$	825,445.09
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124365	BK 2024 GAC Media Replacement	-CWSCO Specific Water Regulated	83,309.3	12/31/2023	12/30/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123597	DOM 2023 Control Valve Replacement	CWSCO Specific Water Regulated	240,314.8	10/26/2023	10/25/2024	in progress	\$	198,254.23
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00124204	BG 2023 Control Valve Overhaul	CWSCO Specific Water Regulated	40,405.9	6/1/2023	5/31/2024	in progress	\$	74,553.14
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125543	RD Refurbish/Replace Clarifier	-CWSCO Specific Water Regulated	57,384.0	1/1/2024	12/31/2024	complete	\$	48,214.85
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124690	LIV 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	404,196.4	1/1/2024	12/31/2024	complete	\$	492,311.20
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00125414	BG 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	528,803.7	3/9/2023	3/8/2024	complete	\$	682,565.28
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00125421	BK 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	965,039.0	5/1/2023	4/30/2024	complete	\$	1,212,477.19
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00125424	CH 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	101,265.8	4/1/2023	3/31/2024	complete	\$	116,512.48
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00125436	DIX 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	112,964.7	1/1/2024	12/31/2024	complete	\$	132,445.14
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00125440	DOM 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	163,713.1	1/1/2024	12/31/2024	complete	\$	207,833.36
Authorized 2021 GRC Capital in progress	108-HR	2026	108 00125451	HR 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	210,970.5	3/26/2023	3/25/2024	complete	\$	231,741.25
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00125465	LAS 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	145,234.9	1/1/2024	12/31/2024	complete	\$	174,386.50
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00125478	WLK 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	118,722.5	3/21/2023	3/20/2024	complete	\$	131,351.98
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00125481	PV 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	175,527.4	1/1/2024	12/31/2024	complete	\$	209,483.43
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 00125485	SEL 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	132,489.5	2/15/2023	2/14/2024	complete	\$	153,074.48
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125491	SLN 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	320,877.6	1/1/2024	12/31/2024	complete	\$	412,547.11
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00125495	STK 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	611,471.5	1/1/2024	12/31/2024	complete	\$	792,652.08
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00125499	VIS 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	175,503.4	1/1/2024	12/31/2024	complete	\$	197,815.75
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00125503	AV 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	60,111.1	1/1/2024	12/31/2024	complete	\$	71,231.61
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00125510	MPS 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	345,095.5	1/1/2024	12/31/2024	complete	\$	395,783.00
Authorized 2021 GRC Capital in progress	118-SSF	2026	152 00125511	SSF 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	255,740.0	1/1/2024	12/31/2024	complete	\$	315,993.03
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00125515	ARM 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	59,767.7	3/9/2023	3/8/2024	complete	\$	80,600.62
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00125517	COS 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	76,354.3	6/1/2023	5/31/2024	complete	\$	74,396.02
Authorized 2021 GRC Capital in progress	150-HKN	2024	650 00125520	HKN 2022 Physical Security Upgrades	CWSCO Specific Water Regulated	3,206.8	3/2/2023	2/29/2024	complete	\$	4,644.37
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124157	ORO 2022 Flowmeter Replacement	CWSCO Specific Water Regulated	93,232.3	6/6/2023	6/5/2024	in progress	\$	79,475.81
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00116231	Replace potassium permang - NEWTP	CWSCO Specific Water Regulated	72,737.6	1/1/2024	12/31/2024	complete	\$	49,343.06
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123142	BK 116-T1 - Seismic Retrofit	CWSCO Specific Water Regulated	80,168.8	12/1/2023	11/30/2024	in progress	\$	34,588.35
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123628	BK 188-T2 - Seismic Retrofit	CWSCO Specific Water Regulated	80,168.8	11/2/2023	11/1/2024	in progress	\$	26,868.18
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00115162	LAS 013-C Replace Pump and Motor	CWSCO Specific Water Regulated	46,539.5	2/15/2023	2/14/2024	complete	\$	55,827.41
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123857	LIV 009-T4 - Tank Retrofits	CWSCO Specific Water Regulated	54,852.3	4/2/2023	4/1/2024	complete	\$	108,986.61

Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125014	LIV 2022 SB1398 Service Replacement	-CWSCO Specific Water Regulated		79,128.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00115772	2020 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	64,135.6	1/1/2024	12/31/2024	complete	\$	71,363.71
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125080	LIV 2023 Analyzer Replacements	CWSCO Specific Water Regulated		73,417.7	9/2/2023	9/1/2024	complete	\$	93,046.42
Authorized 2021 GRC Capital in progress	130-LAN	2024	129 00123636	LAN 001-T3 - Seismic Retrofit	CWSCO Specific Water Regulated		63,291.1	7/2/2023	7/1/2024	in progress	\$	58.28
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123660	HR 029-T2 - Seismic Retrofit	-CWSCO Specific Water Regulated		75,029.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00124116	SEL 021 VFD Replacement	CWSCO Specific Water Regulated		76,898.4	8/26/2024	8/25/2025	complete	\$	22,063.31
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124511	Kernville 001 Site Access Upgrade	CWSCO Specific Water Regulated		84,388.2	5/21/2023	5/20/2024	in progress	\$	47,898.06
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124487	HR Sta 30 Manual Transfer Switch	CWSCO Specific Water Regulated		71,921.8	3/9/2023	3/8/2024	complete	\$	35,448.98
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123595	BK 100-F Install VFD	CWSCO Specific Water Regulated		67,374.3	10/30/2023	10/29/2024	complete	\$	67,082.11
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123608	KRV 2022 Control Valve Replacement	CWSCO Specific Water Regulated		143,459.9	2/15/2023	2/14/2024	complete	\$	160,646.46
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123637	BK 218-D Install VFD	CWSCO Specific Water Regulated		67,048.0	5/7/2023	5/6/2024	complete	\$	76,051.42
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123626	BK 188-T1 - Seismic Retrofit	CWSCO Specific Water Regulated		73,164.6	11/2/2023	11/1/2024	in progress	\$	39,027.85
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125171	Install Cover Over Spoils/Dump Area	-CWSCO Specific Water Regulated		56,810.1	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124097	ELA 012-T2 Install Tank Mixer	CWSCO Specific Water Regulated		78,481.0	10/1/2023	9/30/2024	in progress	\$	97,459.19
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124103	ELA 040-T1 Install Tank Mixer	CWSCO Specific Water Regulated		78,481.0	10/1/2023	9/30/2024	in progress	\$	121,757.55
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124104	ELA 055-T1 Install Tank Mixer	CWSCO Specific Water Regulated		78,481.0	10/1/2023	9/30/2024	complete	\$	101,854.82
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123645	BK 116-F Replace Pump & Motor	CWSCO Specific Water Regulated		80,646.7	12/16/2023	12/15/2024	in progress	\$	2,772.82
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125186	RD Purch. Meter Reading Handhelds	-CWSCO Specific Water Regulated	Field	63,810.4	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	132-LEO	2025	129 00125040	LEO 0004-T1: Tank Mixer	CWSCO Specific Water Regulated		72,215.4	9/25/2024	9/24/2025	in progress	\$	407.95
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00116799	Upgrade Sample Stations Phase 2	CWSCO Specific Water Regulated		91,831.2	3/1/2023	2/28/2024	complete	\$	95,732.44
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123270	VIS 032-01 - Replace Pump & Motor	-CWSCO Specific Water Regulated		90,939.1	12/16/2023	12/15/2024	in progress	\$	12,834.08
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123682	SLN 020-01 - Replace Pump & Motor	-CWSCO Specific Water Regulated		108,052.1	12/16/2023	12/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124119	VIS 026-01 Replace Pump & Motor	-CWSCO Specific Water Regulated		90,939.1	12/16/2023	12/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123981	LAS 032-01 - Replace Pump & Motor	-CWSCO Specific Water Regulated		90,863.0	12/16/2023	12/15/2024	in progress	\$	5,814.49
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00123736	STK 007-02 Replace Pump & Motor	CWSCO Specific Water Regulated		92,827.0	2/15/2023	2/14/2024	complete	\$	84,285.87
Authorized 2021 GRC Capital in progress	149-COS	2026	149 00123712	COS Study - New Access Driveway	CWSCO Specific Water Regulated		118,034.6	5/3/2024	5/2/2025	complete	\$	125,070.59
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00125068	CSS Three Dimensl. (3D) GIS - Pilot	CWSCO Specific Water Regulated	Office	54,597.2	1/1/2024	12/31/2024	in progress	\$	3,616.47
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00123214	SEL 011-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		99,303.8	6/16/2023	6/15/2024	in progress	\$	103,927.50
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123607	BKD 116-G Install VFD	CWSCO Specific Water Regulated		69,604.5	2/28/2023	2/27/2024	complete	\$	77,972.09
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123276	VIS 079-01 - Replace Pump & Motor	-CWSCO Specific Water Regulated		88,245.7	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123522	HR Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		65,400.8	1/13/2023	1/12/2024	complete	\$	77,205.21
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00116761	Upgrade Sample Stations	CWSCO Specific Water Regulated		61,338.7	7/1/2023	6/30/2024	complete	\$	64,744.92
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124061	CH 064-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		93,952.4	3/9/2023	3/8/2024	complete	\$	112,021.55
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123642	BK 176-A VFD Install	CWSCO Specific Water Regulated		136,827.8	11/15/2023	11/14/2024	in progress	\$	75,421.73
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00124189	STK 018-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		75,949.4	1/1/2025	12/31/2025	in progress	\$	1,461.25
Authorized 2021 GRC Capital in progress	134-KRV	2025	134 00124141	KRV 2024 Flowmeter Replacements	CWSCO Specific Water Regulated		63,770.6	4/26/2024	4/25/2025	in progress	\$	52,122.07
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123644	BK 209-A VFD Install	CWSCO Specific Water Regulated		60,888.1	7/23/2023	7/22/2024	in progress	\$	38,978.58
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00116631	Structural Improvements - NE WTP	CWSCO Specific Water Regulated		59,915.6	5/16/2024	5/15/2025	in progress	\$	4,208.77
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00125190	BAY-SM 2022 Sample Site	CWSCO Specific Water Regulated		86,322.7	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00125130	BG 2022 Sample Sites	CWSCO Specific Water Regulated		86,322.7	10/1/2023	9/30/2024	in progress	\$	100,392.95
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123473	BK 144-01 Replace Pump & Motor	CWSCO Specific Water Regulated		87,616.0	7/16/2024	7/15/2025	in progress	\$	2,987.30
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00116414	MPS 2020 Flowmeter Replacements	CWSCO Specific Water Regulated		139,240.5	4/16/2023	4/15/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123611	KRV 2024 Control Valve Replacement	CWSCO Specific Water Regulated		126,582.3	11/2/2023	11/1/2024	in progress	\$	146,009.66
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124639	STK 082-T7 - Seismic/Geotech Study	CWSCO Specific Water Regulated		97,046.4	6/16/2023	6/15/2024	in progress	\$	77,144.96
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00123529	ELA 2023 Control Valve Replacement	CWSCO Specific Water Regulated		135,021.1	3/2/2023	3/1/2024	complete	\$	155,726.11
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124395	Relocate SCADA WB-39 Connection	-CWSCO Specific Water Regulated		37,169.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124992	CH 2023 Analyzers Replacement	CWSCO Specific Water Regulated		42,194.1	5/1/2023	4/30/2024	complete	\$	47,731.11
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124138	KRV 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		63,885.3	1/1/2024	12/31/2024	complete	\$	79,353.54
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124085	MPS 118-A Replace Pump & Motor	CWSCO Specific Water Regulated		30,996.9	12/16/2023	12/15/2024	in progress	\$	22,531.90
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00124196	STK STA 076 ATS Panel Installation	CWSCO Specific Water Regulated		56,304.9	7/18/2024	7/17/2025	in progress	\$	8,076.10
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123441	BK 2023 Control Valve Replacements	CWSCO Specific Water Regulated		198,312.2	1/18/2023	1/17/2024	complete	\$	235,509.12
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00114791	Lake Hughes 003-T1 Seismic Retrofit	CWSCO Specific Water Regulated		73,319.8	2/7/2023	2/6/2024	complete	\$	32,365.30
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125126	LIV 19-01 Replace Pump & Motor	CWSCO Specific Water Regulated		84,388.2	12/2/2023	12/1/2024	in progress	\$	22,226.95
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123574	BG 2022 Control Valve Replacement	CWSCO Specific Water Regulated		210,970.5	5/2/2023	5/1/2024	complete	\$	232,839.35
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00125132	BG 2023 Sample Sites	-CWSCO Specific Water Regulated		79,632.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00124499	KC 2024 Hydrant Replacements	-CWSCO Specific Water Regulated		59,065.9	8/1/2023	7/31/2024	in progress	\$	-

Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123400	LIV Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		69,701.3	3/16/2023	3/15/2024	complete	\$	70,924.11
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123862	LAS 001-02 Replace Pump & Motor	CWSCO Specific Water Regulated		118,666.3	5/1/2023	4/30/2024	in progress	\$	175,882.92
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123461	BG 019-T1 - Tank Retrofits	CWSCO Specific Water Regulated		16,877.6	3/16/2023	3/15/2024	complete	\$	66,521.39
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124047	VIS 30 Install ATS	CWSCO Specific Water Regulated		71,730.0	8/16/2023	8/15/2024	complete	\$	75,587.88
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00118116	Instrumentation Energy Optimization	CWSCO Specific Water Regulated		54,852.3	3/9/2023	3/8/2024	complete	\$	54,333.91
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00114994	MPS 116-A: Pump & Motor Replacement	CWSCO Specific Water Regulated		53,461.2	6/15/2023	6/14/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00124498	KC 2023 Hydrant Replacements	CWSCO Specific Water Regulated		82,700.4	2/15/2023	2/14/2024	complete	\$	100,525.00
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124325	BK Sta 96 Isolation Valve install	-CWSCO Specific Water Regulated		44,329.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123923	LAS 023-D - Replace Pump & Motor	CWSCO Specific Water Regulated		94,514.8	3/1/2023	2/28/2024	complete	\$	118,174.96
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00114159	BK-100 Station Re-Build	CWSCO Specific Water Regulated		253,164.6	1/1/2024	12/31/2024	in progress	\$	66,506.86
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00124188	STK 016 ATS Panel Installation	CWSCO Specific Water Regulated		51,116.8	7/26/2024	7/25/2025	in progress	\$	9,759.37
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123851	SLN 016-T1 - Tank Retrofits	CWSCO Specific Water Regulated		57,872.1	6/16/2023	6/15/2024	in progress	\$	2,921.94
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123865	LAS 001-E Replace Pump & Motor	CWSCO Specific Water Regulated		76,033.8	5/1/2023	4/30/2024	complete	\$	96,091.57
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124060	CH 081-C Replace Pump & Motor	CWSCO Specific Water Regulated		60,599.9	6/16/2023	6/15/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123430	BK 087-E Replace Pump & Motor	CWSCO Specific Water Regulated		78,681.9	3/16/2023	3/15/2024	in progress	\$	83,904.90
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123530	PV Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		70,042.2	3/9/2023	3/8/2024	complete	\$	82,547.30
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00123860	STK 065-T1&T2 - Tank Retrofits	CWSCO Specific Water Regulated		64,978.9	7/16/2023	7/15/2024	in progress	\$	900.26
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123846	SLN 2024 Control Valve Overhaul	CWSCO Specific Water Regulated		83,815.9	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124431	KRV 001 Replace AP4 Filters	CWSCO Specific Water Regulated		52,056.1	1/1/2024	12/31/2024	in progress	\$	6,764.52
Authorized 2021 GRC Capital in progress	112-MRL	2025	112 00124634	MRL 010-T2 - Seismic/Geotech Study	CWSCO Specific Water Regulated		97,046.4	6/16/2023	6/15/2024	complete	\$	78,003.85
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00124622	MPS 109-T2 - Tank Retrofits	-CWSCO Specific Water Regulated		56,430.9	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2025	152 00124748	SSF-1 Treatment Plant Automation	CWSCO Specific Water Regulated		521,164.6	2/23/2023	2/22/2024	complete	\$	659,417.77
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123845	SLN 2023 Control Valve Overhaul	CWSCO Specific Water Regulated		80,168.8	8/2/2023	8/1/2024	in progress	\$	61,988.12
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00125328	VIS Chemical Shelter Replacement	CWSCO Specific Water Regulated		55,358.5	2/15/2023	2/14/2024	complete	\$	71,362.42
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125257	HR 023-T2 Tank Retrofits	-CWSCO Specific Water Regulated		55,331.3	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123720	BG 2024 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	157,061.3	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	392-GO	2024	330 00124855	CSS Media Center - Furniture	-CWSCO Specific Water Regulated	Office	50,479.1	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	121-WIL	2026	121 00124599	WIL 002-T1 - Seismic/Geotech Study	CWSCO Specific Water Regulated		97,046.4	6/16/2023	6/15/2024	complete	\$	68,400.49
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123358	SSF 014-T1 - Tank Retrofits	CWSCO Specific Water Regulated		73,417.7	6/2/2023	6/1/2024	complete	\$	88,209.52
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123754	LAS 2023 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	48,833.1	1/1/2024	12/31/2024	complete	\$	37,780.58
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00125134	LAS 2023 Sample Sites	-CWSCO Specific Water Regulated		70,784.8	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	152-BAY	2024	152 00124762	BAY 2024 Misc Tools-Equipment	-CWSCO Specific Water Regulated	Field	39,899.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124206	STK STA 21-01 Well Study	CWSCO Specific Water Regulated		55,167.9	10/8/2023	10/7/2024	in progress	\$	3,247.10
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123601	DOM 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated		76,574.9	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124218	LAS 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated		40,405.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123610	KRV 2023 Control Valve Replacement	CWSCO Specific Water Regulated		113,080.2	4/16/2023	4/15/2024	complete	\$	132,266.68
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00115230	HR 005-A: Pump & Motor Replace	CWSCO Specific Water Regulated		101,265.8	7/1/2023	6/30/2024	complete	\$	168,249.19
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124440	LIV Pressure Vessels Ladder/Plat	-CWSCO Specific Water Regulated		52,660.6	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00124175	KC 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		13,502.1	3/1/2023	2/28/2024	complete	\$	15,247.56
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124124	VIS 042-01 Replace Pump & Motor	-CWSCO Specific Water Regulated		66,781.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00124632	DIX 001-T1 - Seismic/Geotech Study	CWSCO Specific Water Regulated		97,046.4	6/16/2023	6/15/2024	complete	\$	76,136.59
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124927	ELA-New Forklift for New Warehouse	CWSCO Specific Water Regulated	Field	48,296.3	1/1/2024	12/31/2024	complete	\$	54,211.18
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00076196	Operations Center Design	CWSCO Specific Water Regulated		65,400.8	12/16/2024	12/15/2025	complete	\$	77,488.16
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00115218	HR 004-E: Pump & Motor Replace	CWSCO Specific Water Regulated		47,004.2	12/16/2023	12/15/2024	in progress	\$	13,702.56
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124078	LIV 025-B - Replace Pump & Motor	-CWSCO Specific Water Regulated		46,962.6	12/16/2023	12/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115337	BG 23-A Pump & Motor Replacement	CWSCO Specific Water Regulated		64,978.9	1/16/2023	1/15/2024	complete	\$	92,577.74
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123716	BG 2022 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	146,919.4	1/1/2024	12/31/2024	complete	\$	159,053.95
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124217	LAS 2023 Control Valve Overhaul	CWSCO Specific Water Regulated		40,405.9	8/2/2023	8/1/2024	in progress	\$	62,353.96
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123426	SSF Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		49,116.7	2/6/2023	2/5/2024	complete	\$	65,489.75
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123749	LIV 2023 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	46,507.6	2/15/2023	2/14/2024	complete	\$	52,061.16
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123600	DOM 2023 Control Valve Overhaul	CWSCO Specific Water Regulated		73,417.7	8/16/2023	8/15/2024	in progress	\$	85,318.17
Authorized 2021 GRC Capital in progress	152-BAY	2024	152 00124761	BAY 2023 Misc Equipment	-CWSCO Specific Water Regulated	Field	38,349.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123509	AV Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		68,860.8	7/16/2023	7/15/2024	in progress	\$	14,337.35
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123784	VIS 2022 Vehicle Replacement Progm	CWSCO Specific Water Regulated	Vehicle	197,156.4	1/1/2024	12/31/2024	complete	\$	209,713.02
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123773	SLN 2022 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	45,373.3	2/15/2023	2/14/2024	complete	\$	43,309.28
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123742	KRV 2024 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	45,286.7	1/1/2024	12/31/2024	in progress	\$	-

Authorized 2021 GRC Capital in progress	151-RD	2024	151 00124312	RD Replace Signage	-CWSCO Specific Water Regulated		37,329.2	1/1/2024	12/31/2024	in progress	\$ 8,734.25
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125170	Car Port/Cover For Vehicle Maint.	-CWSCO Specific Water Regulated		37,873.4	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	343-GO	2024	330 00125041	CSS AutoCAD AECC Subscriptions	-CWSCO Specific Water Regulated	Office	37,938.4	1/1/2024	12/31/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124415	DOM 272 Asphalt Replacement	-CWSCO Specific Water Regulated		35,715.2	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00123789	WLK 2023 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	44,182.2	1/1/2024	12/31/2024	complete	\$ 112,860.01
Authorized 2021 GRC Capital in progress	152-BAY	2024	152 00124760	BAY Misc Tools Equipment 2022	-CWSCO Specific Water Regulated	Field	37,233.2	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124161	ORO 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		53,840.7	8/20/2023	8/19/2024	in progress	\$ 1,069.77
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123599	DOM 2022 Control Valve Overhaul	CWSCO Specific Water Regulated		67,510.5	1/27/2023	1/26/2024	complete	\$ 94,012.99
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00123903	MPS 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		111,392.4	3/16/2023	3/15/2024	in progress	\$ 45,835.52
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123655	BK 148-T1 - Tank Retrofit	-CWSCO Specific Water Regulated		47,021.4	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123168	BG 022-T1 - Tank Retrofits	CWSCO Specific Water Regulated		45,624.7	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124145	VIS 300-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		65,495.3	7/16/2023	7/15/2024	in progress	\$ 4,794.91
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124070	LAS 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		93,264.2	12/3/2023	12/2/2024	in progress	\$ 64,931.09
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123914	BG 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		99,398.8	6/25/2023	6/24/2024	in progress	\$ 37,605.98
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123648	Arden Sta. 6 Booster Panelboard	CWSCO Specific Water Regulated		44,433.8	2/15/2023	2/14/2024	complete	\$ 52,251.78
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00115226	HR 023-C: Pump & Motor Replace	CWSCO Specific Water Regulated		40,000.0	12/16/2023	12/15/2024	in progress	\$ 8,187.70
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124178	BK 2023 Misc Field Equipment	CWSCO Specific Water Regulated	Field	40,184.8	3/31/2023	3/30/2024	complete	\$ 55,197.53
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 00124133	WIL 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		21,097.0	8/20/2023	8/19/2024	in progress	\$ 866.74
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123842	LAS 019-T1 - Tank Retrofits	CWSCO Specific Water Regulated		60,599.9	2/15/2023	2/14/2024	complete	\$ 83,904.50
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00125243	PV Install Pump Shelter	-CWSCO Specific Water Regulated		34,529.2	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123722	CH 2022 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	38,862.6	1/1/2024	12/31/2024	complete	\$ 40,888.52
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124904	PV 27in Pipe CP System Upgrade	CWSCO Specific Water Regulated		71,730.0	7/1/2023	6/30/2024	in progress	\$ 174.51
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00125124	LIV 13-E Replace Pump & Motor	CWSCO Specific Water Regulated		59,071.7	6/2/2024	6/1/2025	in progress	\$ 1,601.48
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124075	MPS 112-A Replace Pump & Motor	CWSCO Specific Water Regulated		40,994.7	1/1/2024	12/31/2024	complete	\$ 50,654.72
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123171	BK 2023 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	49,428.4	1/1/2024	12/31/2024	complete	\$ 52,061.16
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123399	BK 2024 Control Valve Overhaul	CWSCO Specific Water Regulated		60,759.5	6/2/2023	6/1/2024	complete	\$ 102,173.60
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123852	SSF 006-F Replace Pump & Motor	CWSCO Specific Water Regulated		58,852.7	5/31/2023	5/30/2024	in progress	\$ 11,109.77
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123456	BK 100-T1 - Tank Retrofits	-CWSCO Specific Water Regulated		41,738.9	12/19/2023	12/18/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	385-GO	2024	330 00125327	CSS Survey Equipment for Eng South	-CWSCO Specific Water Regulated	Office	30,331.8	1/1/2024	12/31/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123856	SSF 101-A Replace Pump & Motor	-CWSCO Specific Water Regulated		52,073.7	12/16/2023	12/15/2024	in progress	\$ 7,002.52
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123858	SSF 101-B Replace Pump & Motor	-CWSCO Specific Water Regulated		52,073.7	12/16/2023	12/15/2024	in progress	\$ 6,553.32
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124019	LAS 104-A - Replace Pump & Motor	CWSCO Specific Water Regulated		20,592.4	12/16/2023	12/15/2024	in progress	\$ 13,994.08
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124074	LIV 023-G Replace Pump & Motor	-CWSCO Specific Water Regulated		51,837.9	12/16/2023	12/15/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00099415	Replace Discharge Pipe Sta-297	CWSCO Specific Water Regulated		36,286.9	7/1/2023	6/30/2024	in progress	\$ 1,600.20
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123377	BK 2023 Control Valve Overhaul	CWSCO Specific Water Regulated		57,384.0	3/9/2023	3/8/2024	complete	\$ 68,212.83
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123520	KRV 2024 Control Valve Overhaul	CWSCO Specific Water Regulated		59,071.7	6/2/2023	6/1/2024	complete	\$ 76,719.31
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123917	LAS 011-D - Replace Pump & Motor	CWSCO Specific Water Regulated		72,573.8	2/16/2023	2/15/2024	complete	\$ 85,431.30
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124003	LAS 033-A - Replace Pump & Motor	CWSCO Specific Water Regulated		54,606.5	12/16/2023	12/15/2024	in progress	\$ 1,833.07
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00125152	SSF 2022 Sample Sites	CWSCO Specific Water Regulated		51,793.7	1/1/2024	12/31/2024	complete	\$ 49,489.10
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123822	HR 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated		57,200.9	12/19/2023	12/18/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124512	Bodfish 013 Vessel Replacement	CWSCO Specific Water Regulated		38,818.6	7/31/2023	7/30/2024	complete	\$ 36,080.44
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124513	Bodfish 104 Vessel Replacement	CWSCO Specific Water Regulated		29,198.3	1/1/2024	12/31/2024	complete	\$ 34,284.11
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123867	LAS 009-D Replace Pump & Motor	CWSCO Specific Water Regulated		46,784.3	2/15/2023	2/14/2024	complete	\$ 57,423.31
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123870	LAS 009-E Replace Pump & Motor	CWSCO Specific Water Regulated		59,071.7	3/2/2023	3/1/2024	complete	\$ 97,306.73
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124072	LIV 016-A Replace Pump & Motor	CWSCO Specific Water Regulated		50,632.9	12/2/2024	12/1/2025	in progress	\$ -
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123764	AV 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		40,506.3	6/6/2023	6/5/2024	in progress	\$ 39,622.45
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123376	BK 087-T5 - Tank Retrofits	-CWSCO Specific Water Regulated		38,416.0	12/19/2023	12/18/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125261	KC 2024 Replace Mainline Valves	-CWSCO Specific Water Regulated		27,944.3	10/31/2023	10/30/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125200	RD 2024 Air Tools	-CWSCO Specific Water Regulated	Field	28,436.0	6/2/2023	6/1/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00123428	STK Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		35,456.4	3/9/2023	3/8/2024	complete	\$ 40,646.12
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00124925	AV 2022 Analyzer Replacements	-CWSCO Specific Water Regulated		37,780.6	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00098271	Sta 001 Install Cover for Genset	CWSCO Specific Water Regulated		34,048.9	1/1/2024	12/31/2024	complete	\$ 13,794.63
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124084	LIV 026-B - Replace Pump & Motor	CWSCO Specific Water Regulated		42,194.1	12/2/2023	12/1/2024	in progress	\$ 2,409.27
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00123282	ELA 055-A Replace Pump & Motor	CWSCO Specific Water Regulated		56,540.1	10/31/2023	10/30/2024	in progress	\$ 4,846.02
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123767	BOD 104-B - Replace Pump & Motor	CWSCO Specific Water Regulated		48,045.0	4/2/2023	4/1/2024	complete	\$ 25,546.92
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123821	HR 2023 Control Valve Overhaul	CWSCO Specific Water Regulated		54,591.0	7/31/2023	7/30/2024	in progress	\$ 16,492.62

Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123673	MPS 023-T1 - Tank Retrofit	CWSCO Specific Water Regulated	39,139.2	6/16/2023	6/15/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00123464	ORO 016-T1 - Tank Retrofits	CWSCO Specific Water Regulated	21,097.0	1/1/2024	12/31/2024	in progress	\$	401.54
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123454	BK 100-T3 - Tank Retrofits	-CWSCO Specific Water Regulated	37,544.1	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00123429	BG 038-T1 - Tank Retrofits	CWSCO Specific Water Regulated	35,824.1	3/16/2024	3/15/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125199	RD 2023 Air Tools	-CWSCO Specific Water Regulated	28,436.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125260	KCD Replace Mainline Valves - 2023	CWSCO Specific Water Regulated	27,262.4	7/29/2023	7/28/2024	complete	\$	55,084.82
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123727	AV 2022 Flowmeter Replacement	CWSCO Specific Water Regulated	71,730.0	4/6/2023	4/5/2024	in progress	\$	65,843.70
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123437	BK 091-C Replace Pump & Motor	CWSCO Specific Water Regulated	46,873.3	7/16/2023	7/15/2024	in progress	\$	29,583.70
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123471	BK 100-E Replace Pump & Motor	CWSCO Specific Water Regulated	47,276.9	7/16/2023	7/15/2024	in progress	\$	21,934.33
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123654	BK 162-A Replace Pump & Motor	CWSCO Specific Water Regulated	49,748.5	4/16/2023	4/15/2024	in progress	\$	11,051.58
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123658	BK 162-B - Replace Pump & Motor	CWSCO Specific Water Regulated	49,748.5	4/16/2024	4/15/2025	complete	\$	33,432.08
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125198	RD 2022 Air Tools	-CWSCO Specific Water Regulated	28,436.0	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124222	CH 2024 Hydrants for City	-CWSCO Specific Water Regulated	35,820.2	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00125404	LUC Field Yard Site Improvements	-CWSCO Specific Water Regulated	39,922.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125056	KRV 2023 Analyzer Replacements	-CWSCO Specific Water Regulated	35,011.7	1/1/2024	12/31/2024	in progress	\$	737.33
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123452	LAS 113-T1 - Tank Retrofits	-CWSCO Specific Water Regulated	34,968.0	12/19/2023	12/18/2024	complete	\$	96,849.47
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00124004	MRL Sta 9 Flowmeter Replacement	CWSCO Specific Water Regulated	39,963.8	3/27/2023	3/26/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123578	BG 2023 Control Valve Replacement	CWSCO Specific Water Regulated	105,485.2	8/2/2023	8/1/2024	in progress	\$	214,353.27
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123459	BK 073-T3 - Tank Retrofits	-CWSCO Specific Water Regulated	34,532.9	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123178	HR 027-T1 - Tank Retrofits	CWSCO Specific Water Regulated	33,755.3	5/1/2023	4/30/2024	in progress	\$	4,390.97
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123683	CH 065-PT1 - Pressure Vessel Rplcmn	CWSCO Specific Water Regulated	441,697.9	5/29/2023	5/28/2024	complete	\$	522,553.65
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00125153	SSF 2023 Sample Sites	CWSCO Specific Water Regulated	44,240.4	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123132	BK 116-T1 - Tank Retrofits	CWSCO Specific Water Regulated	33,502.1	11/16/2023	11/15/2024	in progress	\$	10,540.82
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123315	MPS 112-T3 - Tank Retrofits	-CWSCO Specific Water Regulated	33,634.8	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00123306	MPS 029-T1 - Tank Retrofits	-CWSCO Specific Water Regulated	33,600.2	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124308	SSF 2023 Control Valve Replacement	CWSCO Specific Water Regulated	135,021.1	5/2/2023	5/1/2024	in progress	\$	170,456.06
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00121485	CH FH/PB Connections (PSPS)	CWSCO Specific Water Regulated	59,071.7	1/1/2024	12/31/2024	complete	\$	82,883.06
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00125107	STK 2023 Analyzer Replacement	-CWSCO Specific Water Regulated	31,968.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124090	MPS 120-B Replace Pump & Motor	CWSCO Specific Water Regulated	18,835.1	10/1/2023	9/30/2024	in progress	\$	17,028.08
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123994	CH 2024 Customer Meter Vault Lids	CWSCO Specific Water Regulated	31,819.4	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00124408	DOM 290 Asphalt Replacement	-CWSCO Specific Water Regulated	24,116.5	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123365	BG 041-T2 - Tank Retrofits	CWSCO Specific Water Regulated	29,394.2	6/6/2023	6/5/2024	in progress	\$	156.04
Authorized 2021 GRC Capital in progress	146-RDV	2024	146 00123423	RDV Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated	37,974.7	4/16/2023	4/15/2024	complete	\$	49,914.53
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125077	LIV 14 Analyzer Replacment	CWSCO Specific Water Regulated	31,223.6	5/2/2023	5/1/2024	complete	\$	24,513.74
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00125106	STK 2022 Analyzer Replacement	-CWSCO Specific Water Regulated	31,188.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124199	SSF 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated	40,405.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123130	BK 2022 CP Upgrades	CWSCO Specific Water Regulated	64,352.1	2/6/2023	2/5/2024	complete	\$	83,768.24
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124331	BK 2024 pumping tools	-CWSCO Specific Water Regulated	20,096.2	1/1/2024	12/31/2024	in progress	\$	13,007.12
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124036	SLN 2022 Customer Meter Vault Lids	CWSCO Specific Water Regulated	30,286.1	1/1/2024	12/31/2024	in progress	\$	28,310.85
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00126096	TAB Sta 1 Flowmeter Replacement	CWSCO Specific Water Regulated	29,535.9	4/2/2023	4/1/2024	complete	\$	26,855.98
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124194	SSF 2023 Control Valve Overhaul	CWSCO Specific Water Regulated	40,405.9	5/2/2023	5/1/2024	in progress	\$	52,149.20
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123316	SSF 001-T1 - Tank Retrofits	CWSCO Specific Water Regulated	35,397.9	1/24/2023	1/23/2024	complete	\$	40,964.65
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00125033	DOM 2024 Analyzer Replacement	-CWSCO Specific Water Regulated	29,911.4	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124182	ORO 011-A - Replace Pump & Motor	CWSCO Specific Water Regulated	45,991.6	1/16/2023	1/15/2024	complete	\$	61,042.80
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123854	SSF 013-A Replace Pump & Motor	CWSCO Specific Water Regulated	41,523.9	3/16/2023	3/15/2024	complete	\$	41,688.34
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00125028	DOM 2023 Analyzer Replacement	CWSCO Specific Water Regulated	29,181.7	1/1/2024	12/31/2024	complete	\$	35,818.59
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00123678	SLN 058-A - Replace Pump & Motor	CWSCO Specific Water Regulated	42,194.1	12/2/2024	12/1/2025	in progress	\$	10,474.39
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123371	BK 116-T3 - Tank Retrofits	CWSCO Specific Water Regulated	29,029.5	4/16/2024	4/15/2025	in progress	\$	4,974.86
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00125093	RDV-LUC 2024 Analyzer Replacements	-CWSCO Specific Water Regulated	26,144.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124329	BK 2023 MISC PUMPING TOOLS	CWSCO Specific Water Regulated	20,096.1	2/1/2023	1/31/2024	complete	\$	21,189.28
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123239	VIS 012-A - Replace Pump & Motor	-CWSCO Specific Water Regulated	36,843.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123676	BK 176-T2 - Tank Retrofit	CWSCO Specific Water Regulated	29,535.9	11/16/2023	11/15/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00124187	WLK 2024 Control Valve Overhaul	CWSCO Specific Water Regulated	40,506.3	7/2/2023	7/1/2024	complete	\$	63,256.43
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123387	HR 026-T2 - Tank Retrofits	CWSCO Specific Water Regulated	97,046.4	2/15/2023	2/14/2024	complete	\$	114,577.02
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00125086	RDV-LUC 2022 Analyzer Replacements	-CWSCO Specific Water Regulated	27,468.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00124260	RD Slurry /Re-Stripe Back Park. Lot	-CWSCO Specific Water Regulated	20,607.6	1/1/2024	12/31/2024	in progress	\$	-

Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123467	LIV 022-T2 - Tank Retrofits	CWSCO Specific Water Regulated		29,041.8	2/17/2023	2/16/2024	complete	\$	34,361.32
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123338	BG 030-T1 - Tank Retrofits	CWSCO Specific Water Regulated		27,286.5	3/16/2023	3/15/2024	complete	\$	39,238.57
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123344	LAS 114-T1 - Tank Retrofits	CWSCO Specific Water Regulated		17,949.9	2/15/2023	2/14/2024	complete	\$	21,270.61
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00117425	HR 2020 Flowmeter Replacements	CWSCO Specific Water Regulated		33,755.3	1/19/2023	1/18/2024	complete	\$	39,968.89
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123468	LIV 022-T1 - Tank Retrofits	CWSCO Specific Water Regulated		40,954.3	2/17/2023	2/16/2024	complete	\$	48,374.96
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00124862	RDV-COS PALL unit expansion	CWSCO Specific Water Regulated		24,182.1	1/1/2024	12/31/2024	complete	\$	10,867.10
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123296	MPS 123-T3 - Tank Retrofits	CWSCO Specific Water Regulated		12,658.2	6/16/2023	6/15/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123514	DOM Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		26,160.3	3/31/2023	3/30/2024	complete	\$	31,130.04
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00123835	KC 2023 Control Valve Replacement	CWSCO Specific Water Regulated		42,194.1	2/15/2023	2/14/2024	complete	\$	52,932.71
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123330	LIV 018-T2 - Tank Retrofits	CWSCO Specific Water Regulated		16,459.1	1/19/2023	1/18/2024	complete	\$	23,170.57
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125532	RD New Copier For Operations	-CWSCO Specific Water Regulated	Office	21,270.1	1/1/2024	12/31/2024	complete	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123624	BG 041-T1 - Tank Retrofits	CWSCO Specific Water Regulated		25,212.6	6/16/2023	6/15/2024	in progress	\$	158.99
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125264	KC 2024 Valve casings/covers	-CWSCO Specific Water Regulated		17,232.1	11/1/2023	10/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00125263	KC 2023 Valve Casings/Covers	CWSCO Specific Water Regulated		22,531.6	1/1/2024	12/31/2024	complete	\$	19,296.09
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125048	KRV 2022 Analyzer Replacements	CWSCO Specific Water Regulated		22,796.0	1/1/2024	12/31/2024	complete	\$	28,564.48
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00116154	Sta. 9 Driveway Improvement	CWSCO Specific Water Regulated		20,355.3	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00125035	ELA 2022 Analyzer Replacement	CWSCO Specific Water Regulated		22,447.3	8/2/2023	8/1/2024	complete	\$	24,962.35
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00123798	MRL 12 Driveway Pavement Extension	-CWSCO Specific Water Regulated		24,368.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123293	MPS 032-T2 - Tank Retrofits	-CWSCO Specific Water Regulated		23,633.0	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00125038	ELA 2023 Analyzer Replacements	-CWSCO Specific Water Regulated		21,926.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124290	BK 2024 chemical pump replace	-CWSCO Specific Water Regulated		14,522.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123352	BK 096-T4 - Tank Retrofits	CWSCO Specific Water Regulated		22,784.8	10/16/2023	10/15/2024	in progress	\$	194.37
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00123638	MRL Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		21,801.7	1/27/2023	1/26/2024	complete	\$	29,282.65
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123625	BK 073-T5 Tank Retrofits	CWSCO Specific Water Regulated		25,316.5	11/16/2023	11/15/2024	in progress	\$	8,060.04
Authorized 2021 GRC Capital in progress	117-SEL	2025	117 00125648	SEL Well Level Monitoring	CWSCO Specific Water Regulated		19,746.8	1/1/2024	12/31/2024	complete	\$	14,908.32
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00124286	BK 2023 Chemical Pump Replace	CWSCO Specific Water Regulated		19,044.7	8/1/2024	7/31/2025	complete	\$	22,123.41
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00124895	RDV-COS STA 08 Tank MaintenanceArea	CWSCO Specific Water Regulated		20,329.1	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2025	113 00097517	Cherokee Res: Conceptual Design	CWSCO Specific Water Regulated		18,652.2	1/2/2024	1/1/2025	complete	\$	11,744.57
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125247	HR 008: Roof Replacement	-CWSCO Specific Water Regulated		18,691.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123425	BK 2024 Control Valve Replacement	CWSCO Specific Water Regulated		77,637.1	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00124228	RD Office Improvements 2024	-CWSCO Specific Water Regulated		16,318.2	6/3/2023	6/2/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124280	BKD 2022 chemical pump replacements	CWSCO Specific Water Regulated		20,038.5	1/1/2024	12/31/2024	complete	\$	24,670.26
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00124224	RD Office Improvements 2023	-CWSCO Specific Water Regulated		16,318.2	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00124137	RD Office Improvements 2022	CWSCO Specific Water Regulated		17,975.4	1/1/2024	12/31/2024	in progress	\$	8,322.74
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00123817	ELA 2024 Control Valve Overhaul	CWSCO Specific Water Regulated		25,316.5	6/2/2023	6/1/2024	complete	\$	28,431.04
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00123251	LUC 002-T1 - Tank Retrofits	CWSCO Specific Water Regulated		17,250.2	3/16/2023	3/15/2024	complete	\$	32,931.46
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125490	RD Replace 1st floor bathrooms	-CWSCO Specific Water Regulated		13,924.1	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00125081	MRL 2022 Analyzer Replacements	-CWSCO Specific Water Regulated		17,978.0	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125176	KRV-SOLA 2022 Sample Sites	CWSCO Specific Water Regulated		23,430.4	1/31/2023	1/30/2024	complete	\$	39,154.54
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123211	BG 036-T1 - Tank Retrofits	-CWSCO Specific Water Regulated		18,004.7	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123809	2024 Control Valve Overhaul CH	CWSCO Specific Water Regulated		25,833.2	12/19/2023	12/18/2024	complete	\$	25,882.63
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123321	MPS 030-T1 - Tank Retrofits	CWSCO Specific Water Regulated		22,264.5	3/2/2023	2/29/2024	complete	\$	26,088.59
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123345	BK 096-T2 - Tank Retrofits	CWSCO Specific Water Regulated		18,565.4	10/16/2023	10/15/2024	in progress	\$	242.96
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123347	BK 096-T3 - Tank Retrofits	CWSCO Specific Water Regulated		18,565.4	10/16/2023	10/15/2024	in progress	\$	340.13
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123305	SLN 2024 CP Upgrades	-CWSCO Specific Water Regulated		39,039.8	12/19/2023	12/18/2024	in progress	\$	266.00
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123808	CH 2023 Control Valve Overhauls	CWSCO Specific Water Regulated		24,468.6	6/19/2023	6/18/2024	complete	\$	38,429.65
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124200	STK STA 79 Motor Control Upgrade	CWSCO Specific Water Regulated		16,550.1	2/28/2023	2/27/2024	complete	\$	33,396.51
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123294	HR 2023 CP Upgrades	CWSCO Specific Water Regulated		34,177.2	1/14/2023	1/13/2024	complete	\$	40,129.08
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00125042	ELA 2024 Analyzer Replacements	-CWSCO Specific Water Regulated		15,800.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124514	KRV Arden 001 Backwash Retrofit	-CWSCO Specific Water Regulated		12,658.2	5/31/2023	5/30/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123324	MPS 115-T1 - Tank Retrofits	CWSCO Specific Water Regulated		14,904.6	6/16/2023	6/15/2024	in progress	\$	142.05
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123492	LIV 2023 Control Valve Overhaul	-CWSCO Specific Water Regulated		40,405.9	1/1/2024	12/31/2024	complete	\$	28,829.47
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00124015	KC 2022 Customer Meter Vault Lids	CWSCO Specific Water Regulated		5,508.7	1/1/2024	12/31/2024	complete	\$	6,527.79
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00124688	MPS 032-T1 - Tank Retrofits	-CWSCO Specific Water Regulated		14,282.4	1/1/2025	12/31/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00123245	KC Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		25,316.5	3/16/2023	3/15/2024	complete	\$	30,517.60
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00115909	2019 Power Quality Analyzers	CWSCO Specific Water Regulated	Office	13,128.0	1/1/2024	12/31/2024	complete	\$	13,850.46

Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00125090	RDV-LUC 2023 Analyzer Replacements	-CWSCO Specific Water Regulated		17,270.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123663	LIV 025-T3 - Tank Retrofit	CWSCO Specific Water Regulated		13,580.0	12/19/2023	12/18/2024	complete	\$	21,585.80
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123837	SLN 2024 Control Valve Replacement	-CWSCO Specific Water Regulated		53,968.8	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	105-DIX	2025	105 00123453	DIX 001-T1 - Tank Retrofits	-CWSCO Specific Water Regulated		12,963.6	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124979	BK 2022 Analyzer Replacements	-CWSCO Specific Water Regulated		12,725.3	1/1/2024	12/31/2024	in progress	\$	6,436.44
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125197	RD 2024 Hand Tools	-CWSCO Specific Water Regulated	Field	9,478.7	6/2/2023	6/1/2024	in progress	\$	4,842.81
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123496	LIV 2024 Control Valve Overhaul	-CWSCO Specific Water Regulated		40,405.9	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123828	MPS 027-T1 - Tank Retrofits	CWSCO Specific Water Regulated		12,679.1	6/2/2023	6/1/2024	in progress	\$	389.10
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124173	BK 209 Panel Shade Awning	CWSCO Specific Water Regulated		13,957.2	8/30/2023	8/29/2024	complete	\$	14,245.72
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123290	LAS 042-T2 - Tank Retrofits	CWSCO Specific Water Regulated		14,231.2	5/16/2023	5/15/2024	complete	\$	27,589.94
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125196	RD 2023 Hand Tools	-CWSCO Specific Water Regulated	Field	9,478.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123451	MPS 024-T1 - Tank Retrofits	CWSCO Specific Water Regulated		12,827.2	7/16/2023	7/15/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123553	LAS 2022 CP Upgrades	CWSCO Specific Water Regulated		13,502.1	4/2/2023	4/1/2024	complete	\$	11,196.37
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00125195	RD 2022 Hand Tools	CWSCO Specific Water Regulated	Field	7,109.0	1/1/2024	12/31/2024	complete	\$	7,428.62
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125058	KRV 2024 Analyzer Replacements	CWSCO Specific Water Regulated		11,962.6	1/1/2024	12/31/2024	complete	\$	14,166.62
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00125177	KRV-LBOD 2022 Sample Sites	CWSCO Specific Water Regulated		13,102.1	2/15/2023	2/14/2024	complete	\$	16,153.61
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124997	CH 2024 Analyzers Replacement	CWSCO Specific Water Regulated		6,454.0	6/1/2023	5/31/2024	in progress	\$	10,790.42
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00125108	STK 2024 Analyzer Replacement	-CWSCO Specific Water Regulated		11,829.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	107-HC	2024	104 00125431	CH-HC 2024 Analyzer Replacement	-CWSCO Specific Water Regulated		11,829.0	1/1/2024	12/31/2024	in progress	\$	10,470.93
Authorized 2021 GRC Capital in progress	134-KRV	2025	134 00124432	Arden 007 Partial Rebuild	CWSCO Specific Water Regulated		389,029.5	3/4/2024	3/3/2025	in progress	\$	81,800.80
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 00125110	WIL 2022 Analyzer Replacement	CWSCO Specific Water Regulated		11,270.0	1/1/2024	12/31/2024	complete	\$	15,333.51
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00124624	SSF 101-T1 - Tank Retrofits	-CWSCO Specific Water Regulated		11,020.2	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123490	LIV 2022 Control Valve Overhaul	CWSCO Specific Water Regulated		40,405.9	7/29/2023	7/28/2024	in progress	\$	47,690.86
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123271	DOM 203-T2 - Tank Retrofits	CWSCO Specific Water Regulated		8,438.8	12/2/2023	12/1/2024	in progress	\$	353.49
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00123262	HR 005-T1 - Tank Retrofits	-CWSCO Specific Water Regulated		10,249.4	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00123248	ORO Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		12,963.2	1/19/2023	1/18/2024	complete	\$	14,934.59
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00123531	WLK Tank Exterior Ladder Lifelines	CWSCO Specific Water Regulated		13,502.1	2/15/2023	2/14/2024	complete	\$	16,344.15
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00114882	ARMV 002-T1 - New CP Install	CWSCO Specific Water Regulated		11,730.0	4/16/2023	4/15/2024	complete	\$	12,485.36
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00125082	ORO 2024 Analyzer Replacement	-CWSCO Specific Water Regulated		7,828.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00125026	DOM 2022 Analyzer Replacement	CWSCO Specific Water Regulated		70,886.1	3/31/2023	3/30/2024	complete	\$	52,544.42
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124986	BK 2024 Analyzers Replacement	-CWSCO Specific Water Regulated		6,997.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123286	LAS 121-T3 - Tank Retrofits	CWSCO Specific Water Regulated		11,476.8	5/1/2023	4/30/2024	complete	\$	15,142.35
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124241	CH New gas monitors	-CWSCO Specific Water Regulated	Field	6,304.5	1/1/2024	12/31/2024	complete	\$	594.00
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00123217	DIX 010-T1 - Ext Ladder Lifeline	CWSCO Specific Water Regulated		9,451.2	1/27/2023	1/26/2024	complete	\$	12,523.04
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 00123219	WIL 011-T1 - Ext Ladder Lifeline	CWSCO Specific Water Regulated		9,115.2	3/9/2023	3/8/2024	complete	\$	10,747.78
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123283	MPS 112-T1 - Tank Retrofits	CWSCO Specific Water Regulated		8,438.8	7/16/2023	7/15/2024	in progress	\$	482.89
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00123246	COS 008-T1 - CP Upgrade	CWSCO Specific Water Regulated		16,194.0	5/16/2023	5/15/2024	complete	\$	18,894.94
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125141	LIV 2022 Sample Site	CWSCO Specific Water Regulated		8,221.2	2/2/2023	2/1/2024	in progress	\$	4,124.21
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00125173	SLN- SLNH 2022 Sample Site	CWSCO Specific Water Regulated		21,097.0	2/15/2023	2/14/2024	complete	\$	34,330.41
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123333	KRV 006-T1 - CP Upgrade	CWSCO Specific Water Regulated		15,376.5	1/1/2024	12/31/2024	complete	\$	17,893.03
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123389	PV 023-T1 - CP Upgrade	CWSCO Specific Water Regulated		12,658.2	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	130-LAN	2024	129 00123499	LAN 001-T1 - CP Upgrade	CWSCO Specific Water Regulated		8,161.0	3/9/2023	3/8/2024	complete	\$	9,670.82
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125155	HR 2022 Sample Site	-CWSCO Specific Water Regulated		7,810.1	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123318	SSF 001-T2 - Tank Retrofits	CWSCO Specific Water Regulated		3,510.3	1/24/2023	1/23/2024	complete	\$	4,093.80
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123105	ARD 011-T1 - CP Upgrade	CWSCO Specific Water Regulated		13,843.5	2/15/2023	2/14/2024	complete	\$	16,404.59
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00123442	SQUM 007-T1 - CP Upgrade	CWSCO Specific Water Regulated		11,442.9	3/9/2023	3/8/2024	complete	\$	13,599.85
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123204	LIV 013-T2 - Tank Retrofits	CWSCO Specific Water Regulated		7,556.1	1/23/2023	1/22/2024	complete	\$	10,592.63
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124983	BK 2023 Analyzers Replacement	CWSCO Specific Water Regulated		5,122.5	1/1/2024	12/31/2024	in progress	\$	3,566.05
Authorized 2021 GRC Capital in progress	150-HKN	2024	650 00125434	RDV-HWK 2023 Analyzer Replacement	-CWSCO Specific Water Regulated		4,920.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123273	DOM 203-T4 - Tank Retrofits	CWSCO Specific Water Regulated		3,375.5	12/2/2023	12/1/2024	in progress	\$	668.92
Authorized 2021 GRC Capital in progress	128-DOM	2027	128 00020775	Well 301 (long Beach)	CWSCO Specific Water Regulated		5,302,035.4	6/5/2025	6/4/2026	in progress	\$	4,074,068.67
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00020838	Construct/Equip Well 216-02	CWSCO Specific Water Regulated		5,583,966.2	10/2/2023	10/1/2024	in progress	\$	8,586,725.62
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00061732	STK 77-01 Replace Pump & Col	CWSCO Specific Water Regulated		101,265.8	2/15/2023	2/14/2024	complete	\$	116,550.23
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00065389	Sta 33 STA Rebuild	CWSCO Specific Water Regulated		862,111.8	5/9/2024	5/8/2025	in progress	\$	754,729.75
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00076394	Cal Water Agreement-Tesoro Refinery	CWSCO Specific Water Regulated		-	3/21/2023	3/20/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00097302	Sta 42 0.25MG Welded Steel Tank	CWSCO Specific Water Regulated		2,677,915.4	7/9/2023	7/8/2024	complete	\$	4,450,398.64

Authorized 2021 GRC Capital in progress	102-BG	2027	102 00097310	Sta 5 3MG Welded Steel Tank	CWSCO Specific Water Regulated		2,616,667.6	5/13/2025	5/12/2026 in progress	\$ 918,674.02
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00097628	Raw Water Line	CWSCO Specific Water Regulated		406,121.1	11/28/2023	11/27/2024 in progress	\$ 544,257.89
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00097637	Sta 3 Reduce Sediment Intake	CWSCO Specific Water Regulated		369,009.2	6/25/2024	6/24/2025 in progress	\$ 435,362.99
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00097756	HR Sta 24 rebuild design	CWSCO Specific Water Regulated		379,746.8	7/10/2024	7/9/2025 complete	\$ 451,674.75
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00098018	Upper Diversion Slope Stabilization	CWSCO Specific Water Regulated		593,192.4	12/12/2024	12/11/2025 in progress	\$ 649,889.67
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00098036	BG Skeggs Tanks (Design)	CWSCO Specific Water Regulated		423,336.3	1/23/2025	1/22/2026 in progress	\$ 547,521.63
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00098172	Panelboard Replacement SC 119	CWSCO Specific Water Regulated		-	3/5/2024	3/4/2025 in progress	\$ 236,578.51
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00098236	Upper Low Zone Mitigation	CWSCO Specific Water Regulated		716,613.8	6/7/2023	6/6/2024 complete	\$ 1,827,577.60
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00098334	Sta 300 New Well 01	CWSCO Specific Water Regulated		83,139.1	1/1/2025	12/31/2025 in progress	\$ 5,519,998.42
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00098466	ARMV 002-T1-Overflow Airgap Retrof.	CWSCO Specific Water Regulated		20,848.5	4/16/2023	4/15/2024 complete	\$ 21,530.86
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00098594	Station Rebuild SM 22	CWSCO Specific Water Regulated		-	6/18/2024	6/17/2025 in progress	\$ 997,761.02
Authorized 2021 GRC Capital in progress	112-MRL	2027	112 00098693	Panelboard Replacement MRL 9	CWSCO Specific Water Regulated		485,317.3	3/19/2023	3/18/2024 complete	\$ 641,928.17
Authorized 2021 GRC Capital in progress	128-DOM	2027	128 00099341	IX Treatment DOM 297	CWSCO Specific Water Regulated		4,344,021.1	2/15/2023	2/14/2024 complete	\$ 1,001,223.47
Authorized 2021 GRC Capital in progress	128-DOM	2027	128 00099522	IX Treatment at DOM 272	CWSCO Specific Water Regulated		-	10/31/2024	10/30/2025 in progress	\$ 2,270,020.20
Authorized 2021 GRC Capital in progress	106-ELA	2025	106 00114301	ELA Station 61 Pump Station	CWSCO Specific Water Regulated		1,073,249.0	1/11/2024	1/10/2025 in progress	\$ 1,940,145.79
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00114325	Sta 18 Station Rebuild	CWSCO Specific Water Regulated		1,590,720.2	10/17/2023	10/16/2024 in progress	\$ 629,431.84
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00114326	BG Sta 40 Property Acquisition	CWSCO Specific Water Regulated		1,264.0	3/16/2023	3/15/2024 complete	\$ 35,860.35
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00114327	Low Zone Surge Protection	CWSCO Specific Water Regulated		822,803.4	5/22/2023	5/21/2024 complete	\$ 763,856.10
Authorized 2021 GRC Capital in progress	104-CH	2025	104 00114342	Chico Station 11 Rebuild	CWSCO Specific Water Regulated		103,458.1	4/18/2024	4/17/2025 in progress	\$ 285,725.01
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00114361	Harris Res. - Install PAX Mixer	CWSCO Specific Water Regulated		280,944.3	1/1/2024	12/31/2024 complete	\$ 340,015.46
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00114364	HR Sta 23 Seismic Retrofit	CWSCO Specific Water Regulated		200,540.9	1/1/2024	12/31/2024 complete	\$ 13,104.84
Authorized 2021 GRC Capital in progress	108-HR	2027	108 00114459	HR Sta 24 Rebuild-Construction	CWSCO Specific Water Regulated		3,550,597.1	7/10/2024	7/9/2025 in progress	\$ 732,824.04
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00114503	Sta 215 Treatment Plant Design	CWSCO Specific Water Regulated		632,911.4	1/31/2023	1/30/2024 in progress	\$ 897,397.72
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00114504	Sta 203 Booster System Design	CWSCO Specific Water Regulated		506,329.1	1/1/2024	12/31/2024 in progress	\$ 171,972.20
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00114507	Sta 215 Treatment Plant Construct	CWSCO Specific Water Regulated		4,430,379.7	1/1/2024	12/31/2024 in progress	\$ 813,738.41
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00114508	Sta 219 Treatment Plant Design	CWSCO Specific Water Regulated		81,717.9	1/1/2025	12/31/2025 in progress	\$ 791,102.12
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00114642	Sta 21 Partial Rebuild	CWSCO Specific Water Regulated		1,872,104.3	12/5/2023	12/4/2024 in progress	\$ 862,697.83
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00114643	Sta 17 Partial Rebuild	CWSCO Specific Water Regulated		215,533.4	5/14/2024	5/13/2025 in progress	\$ 667,035.62
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00114644	AMI (Smart) Meter Pilot	CWSCO Specific Water Regulated		1,065,572.7	10/2/2023	10/1/2024 in progress	\$ 1,099,523.76
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00114865	DOM 277-A: Pump and Motor Replace	CWSCO Specific Water Regulated		41,234.8	12/16/2023	12/15/2024 in progress	\$ 9,218.80
Authorized 2021 GRC Capital in progress	104-CH	2025	104 00114889	Station Rebuild CH STA 12	CWSCO Specific Water Regulated		557,068.9	11/1/2023	10/31/2024 in progress	\$ 706,129.59
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00114949	Sta 005 Rebuild	CWSCO Specific Water Regulated		62,324.0	12/28/2023	12/27/2024 in progress	\$ 235,517.03
Authorized 2021 GRC Capital in progress	387-GO	2024	330 00114960	WQ-VOC GC/MS	CWSCO Specific Water Regulated	Office	189,059.7	1/1/2024	12/31/2024 complete	\$ 130,279.96
Authorized 2021 GRC Capital in progress	118-SSF	2025	152 00114980	SSF Sta.11 New Access Road	CWSCO Specific Water Regulated		27,806.2	3/21/2024	3/20/2025 in progress	\$ 249,062.89
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00114982	WLK Emergency Fuel Supply	CWSCO Specific Water Regulated		26,563.5	1/1/2024	12/31/2024 complete	\$ 294,553.82
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115002	BG 036-A: Pump & Motor Replacement	CWSCO Specific Water Regulated		42,194.1	3/9/2023	3/8/2024 complete	\$ 55,349.06
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00115010	Install new station piping SM116	CWSCO Specific Water Regulated		176,962.8	2/22/2024	2/21/2025 in progress	\$ 39,768.95
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115017	BG 043-A:Pump & Motor Replacement	CWSCO Specific Water Regulated		2,403.4	6/2/2023	6/1/2024 complete	\$ 42,957.28
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115020	BG 43-B:Pump & Motor Replacement	CWSCO Specific Water Regulated		3,247.3	6/2/2023	6/1/2024 complete	\$ 36,688.50
Authorized 2021 GRC Capital in progress	120-VIS	2026	120 00115059	New Tank Install	CWSCO Specific Water Regulated		3,247,930.1	11/5/2023	11/4/2024 in progress	\$ 4,686,074.81
Authorized 2021 GRC Capital in progress	116-MPS	2027	152 00115080	Panelboard Replacement MPS 117	CWSCO Specific Water Regulated		274,912.6	4/7/2025	4/6/2027 in progress	\$ 129,196.26
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00115085	Replace Panelboard MPS 118	CWSCO Specific Water Regulated		302,472.7	10/17/2023	10/16/2024 in progress	\$ 650,242.76
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00115087	Sepulveda Line Reliability Study	CWSCO Specific Water Regulated		125,597.1	11/15/2024	11/14/2025 in progress	\$ 4,224.33
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00115097	Replace 5 CL2 Tanks 2021	CWSCO Specific Water Regulated		19,409.3	3/9/2023	3/8/2024 complete	\$ 19,266.03
Authorized 2021 GRC Capital in progress	112-MRL	2026	112 00115109	Marysville 12 Panel & Generator	CWSCO Specific Water Regulated		380,956.0	11/6/2023	11/5/2024 in progress	\$ 382,125.28
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00115110	Panelboard Replacement MPS 107	CWSCO Specific Water Regulated		464,135.0	10/31/2023	10/30/2024 in progress	\$ 390,943.76
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00115112	Panelboard Replacement MPS 112	CWSCO Specific Water Regulated		484,974.7	9/12/2023	9/11/2024 complete	\$ 1,016,563.28
Authorized 2021 GRC Capital in progress	322-WTRR	2024	330 00115207	SGMA support & review	CWSCO Specific Water Regulated		199,386.6	2/15/2023	2/14/2024 complete	\$ 134,364.45
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00115212	12" Cherokee Rd. Pipeline	CWSCO Specific Water Regulated		6,585.1	8/8/2023	8/7/2024 complete	\$ 134,067.57
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00115213	Panelboard Replacement SEL-6	CWSCO Specific Water Regulated		167,070.1	1/4/2023	1/3/2024 complete	\$ 167,070.09
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00115214	LUC 01 - Acid Feed Installation	CWSCO Specific Water Regulated		54,333.5	3/9/2023	3/8/2024 complete	\$ 64,385.24
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00115223	HR 009-C: Pump & Motor Replace	CWSCO Specific Water Regulated		3,905.2	12/16/2023	12/15/2024 complete	\$ 50,888.12
Authorized 2021 GRC Capital in progress	362-GO	2024	330 00115225	Cloud Access Security Broker	CWSCO Specific Water Regulated	Office	266,798.1	1/1/2024	12/31/2024 complete	\$ 364,596.16
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 00115272	SEL 018-01:Pump & Motor Replacement	CWSCO Specific Water Regulated		1,004.1	5/1/2023	4/30/2024 in progress	\$ 40,500.02
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00115307	BK 005-05 Pump & Motor Replace	CWSCO Specific Water Regulated		33,250.2	5/2/2023	5/1/2024 complete	\$ 185,976.71
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00115382	LIV 019-A Replace Pump and Motor	CWSCO Specific Water Regulated		1,229.2	12/2/2023	12/1/2024 in progress	\$ 11,119.67

Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00115386	LIV 015-01 Replace Pump and Motor	CWSCO Specific Water Regulated		33,398.5	12/2/2024	12/1/2025	in progress	\$	148,442.81
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00115409	SLN 016-02 Replace Pump and Motor	CWSCO Specific Water Regulated		156,583.1	6/2/2023	6/1/2024	complete	\$	194,802.65
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00115417	BK 216 D Pump & Motor Replace	CWSCO Specific Water Regulated		65,178.1	5/2/2023	5/1/2024	complete	\$	176,641.31
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00115440	BK 216 MFS1 Pump & Motor Replace	CWSCO Specific Water Regulated		177,215.2	2/2/2023	2/1/2024	complete	\$	207,911.54
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00115540	BK 216 MFS3 Pump & Motor Replace	CWSCO Specific Water Regulated		2,667.4	12/2/2023	12/1/2024	in progress	\$	17,229.65
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00115584	STK 75-01 Pump & Motor Replacement	CWSCO Specific Water Regulated		25,546.2	12/2/2023	12/1/2024	in progress	\$	60,098.82
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115586	Algal Treatment Study - BG	CWSCO Specific Water Regulated		14,234.6	1/1/2024	12/31/2024	complete	\$	16,867.19
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00115635	SSF 014-T1: Repl Interior Ladder	CWSCO Specific Water Regulated		1,390.7	3/9/2023	3/8/2024	complete	\$	1,645.19
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00115716	MPS 031-T1 - Tank Struct Retrofit	CWSCO Specific Water Regulated		56,371.3	6/2/2023	6/1/2024	complete	\$	153,488.50
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00115835	2021 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	175,355.5	1/1/2024	12/31/2024	complete	\$	181,826.56
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00115844	MPS 118- T1- Tank Struct Retrofit	CWSCO Specific Water Regulated		78,162.2	2/17/2023	2/16/2024	complete	\$	96,610.69
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00115845	New well at Salinas Oak Hills	CWSCO Specific Water Regulated		2,489,451.5	1/1/2025	12/31/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00115854	Proposed 250K Storage Tank LL 302	CWSCO Specific Water Regulated		950,083.9	1/15/2024	1/14/2025	in progress	\$	1,537,267.34
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00115863	Replace Gen-set at Station BK 116	CWSCO Specific Water Regulated		623,314.8	3/9/2023	3/8/2024	complete	\$	844,781.43
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00115930	Install Booster Pumps SLN 50	CWSCO Specific Water Regulated		375,970.1	3/23/2023	3/22/2024	complete	\$	807,779.48
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00115959	New well at Salinas - Las Lomas	-CWSCO Specific Water Regulated		2,531,645.6	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00115970	BG 005-T9 - New 30" Manway	CWSCO Specific Water Regulated		240.3	4/16/2023	4/15/2024	complete	\$	49,726.05
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00115989	ARM_STA_02_T1_Seismic_Upgrad	CWSCO Specific Water Regulated		66,666.7	4/16/2023	4/15/2024	complete	\$	62,093.55
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00115992	MPS 118-T2 - Tank Struct Retrofits	CWSCO Specific Water Regulated		11,223.6	3/16/2023	3/15/2024	complete	\$	46,749.60
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00116003	Portable Booster Pump	CWSCO Specific Water Regulated		52,057.0	10/1/2023	9/30/2024	in progress	\$	7,395.35
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00116006	LIV 023-T1 - Tank Retrofits	CWSCO Specific Water Regulated		1,770.7	6/16/2023	6/15/2024	complete	\$	80,645.87
Authorized 2021 GRC Capital in progress	386-GO	2025	330 00116011	GIS Development for Valley District	CWSCO Specific Water Regulated		225,837.0	3/1/2023	2/28/2024	complete	\$	189,151.95
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00116014	SSF 005-T1 - Roof Retrofit	CWSCO Specific Water Regulated		60,337.6	6/16/2023	6/15/2024	in progress	\$	2,820.92
Authorized 2021 GRC Capital in progress	111-LAS	2027	111 00116020	New well replacement at station 20	CWSCO Specific Water Regulated		1,350,407.2	12/15/2025	12/14/2027	in progress	\$	513,324.69
Authorized 2021 GRC Capital in progress	116-MPS	2025	152 00116058	MPS 116-PT1 - Replace Pressure Tank	CWSCO Specific Water Regulated		57,823.6	11/15/2024	11/14/2025	in progress	\$	50,513.34
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00116139	SSF 011-T1: Seismic Retrofit	CWSCO Specific Water Regulated		50,757.3	12/2/2023	12/1/2024	complete	\$	122,016.54
Authorized 2021 GRC Capital in progress	148-ARMV	2024	650 00116271	RDP_102_Replace_Pump_Bldg	CWSCO Specific Water Regulated		1,841.1	1/1/2024	12/31/2024	complete	\$	17,771.38
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00116303	BG 3 Reduce Sediment	CWSCO Specific Water Regulated		-	6/25/2024	6/24/2025	in progress	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00116305	BG16 Slope Stabilization	CWSCO Specific Water Regulated		109,673.4	12/12/2024	12/11/2025	in progress	\$	278,111.79
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00116323	Advanced Metering Infrastructure	CWSCO Specific Water Regulated		85,135.9	12/31/2023	12/30/2024	in progress	\$	210,296.92
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00116335	Station 26 Stabilization Project	CWSCO Specific Water Regulated		433,899.5	8/16/2024	8/15/2025	in progress	\$	544,134.33
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00116386	Replace membrane feed pumps - NWTP	CWSCO Specific Water Regulated		43,064.1	4/2/2023	4/1/2024	complete	\$	49,429.85
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00116387	BG 2020 Flowmeter Replacements	CWSCO Specific Water Regulated		8,093.9	6/13/2024	6/12/2025	complete	\$	181,080.65
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00116413	BG Skeggs Tanks Construction	CWSCO Specific Water Regulated		3,080,331.4	8/21/2025	8/20/2026	in progress	\$	2,149.55
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00116415	MPS 2021 Flowmeter Replacements	CWSCO Specific Water Regulated		14,220.2	5/31/2023	5/30/2024	complete	\$	121,853.93
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00116483	BK 2021 Flowmeter Replacements	CWSCO Specific Water Regulated		256,567.1	2/15/2023	2/14/2024	complete	\$	186,967.19
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00116490	CH 2021 Flowmeter Replacements	CWSCO Specific Water Regulated		55,059.9	2/15/2023	2/14/2024	complete	\$	61,465.92
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00116494	Visalia Reliability Study	CWSCO Specific Water Regulated		212,651.5	1/1/2024	12/31/2024	complete	\$	174,199.20
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00116497	Bakersfield Reliability Study	CWSCO Specific Water Regulated		545,028.2	1/1/2024	12/31/2024	complete	\$	180,212.23
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00116509	Selma Reliability Study	CWSCO Specific Water Regulated		154,965.4	1/1/2024	12/31/2024	complete	\$	125,498.23
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00116515	LAS Reliability Study	CWSCO Specific Water Regulated		-	4/1/2023	3/31/2024	complete	\$	171,127.93
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00116516	Mid Peninsula Reliability Study	CWSCO Specific Water Regulated		8,037.1	4/1/2023	3/31/2024	complete	\$	246,357.62
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00116517	Bear Gulch Reliability Study	CWSCO Specific Water Regulated		7,505.3	4/1/2023	3/31/2024	complete	\$	148,807.57
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00116561	WLK 2019 Flowmeter Replacements	CWSCO Specific Water Regulated		70,759.5	2/15/2023	2/14/2024	complete	\$	32,616.21
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00116581	King City WSFMP	CWSCO Specific Water Regulated		2,463.3	9/1/2023	8/31/2024	in progress	\$	103,493.17
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00116582	Selma WSFMP	CWSCO Specific Water Regulated		138,197.5	1/1/2024	12/31/2024	complete	\$	133,439.63
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00116584	Bakersfield WSFMP	CWSCO Specific Water Regulated		12,505.9	4/1/2023	3/31/2024	complete	\$	563,678.16
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00116586	VIS 2021 Flowmeter Replacements	CWSCO Specific Water Regulated		77,637.1	2/17/2023	2/16/2024	complete	\$	58,390.99
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00116650	MRL 2020 Flowmeter Replacements	CWSCO Specific Water Regulated		111,822.8	2/15/2023	2/14/2024	complete	\$	113,772.42
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00116850	SSF Reliability Study	CWSCO Specific Water Regulated		5,613.0	4/1/2023	3/31/2024	complete	\$	134,326.42
Authorized 2021 GRC Capital in progress	322-WTRR	2024	330 00116883	Groundwater Banking Study	CWSCO Specific Water Regulated		6,780.0	1/1/2024	12/31/2024	in progress	\$	130,767.00
Authorized 2021 GRC Capital in progress	343-GO	2025	330 00116896	CSI Technical Specs	CWSCO Specific Water Regulated		4,484.9	3/26/2024	3/25/2025	complete	\$	83,006.54
Authorized 2021 GRC Capital in progress	392-GO	2024	330 00116910	ADDITIONAL CONF. ROOM -RDOM	CWSCO Specific Water Regulated		43,881.9	4/1/2023	3/31/2024	complete	\$	45,373.78
Authorized 2021 GRC Capital in progress	149-COS	2025	149 00116925	CSFR Sta 8 - Spray Aeration Sys	CWSCO Specific Water Regulated		11,067.3	8/1/2024	7/31/2025	in progress	\$	28,379.60
Authorized 2021 GRC Capital in progress	391-GO	2027	330 00116948	Emergency Response Trailers	-CWSCO Specific Water Regulated	Vehicle	-	1/1/2024	12/31/2024	in progress	\$	1,476.58
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00117176	STK 2020 Physical Security Upgrades	CWSCO Specific Water Regulated		57,556.3	7/6/2023	7/5/2024	complete	\$	526,584.82

Authorized 2021 GRC Capital in progress	119-STK	2025	119 00117195	STK 2021 Physical Security Upgrades	CWSCO Specific Water Regulated		662,570.4	3/9/2023	3/8/2024	complete	\$ 676,175.67
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00117237	BG 2021 Physical Security Upgrades	CWSCO Specific Water Regulated		334,525.2	2/15/2023	2/14/2024	complete	\$ 396,412.42
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00117363	LIV 28 Generator & VFD	CWSCO Specific Water Regulated		319,636.5	9/21/2023	9/20/2024	in progress	\$ 593,796.97
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00117367	LIV 14 Panelboard	CWSCO Specific Water Regulated		307,921.2	5/17/2023	5/16/2024	complete	\$ 628,043.90
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00117379	Replace six RTUs	CWSCO Specific Water Regulated		184,998.3	6/8/2023	6/7/2024	complete	\$ 219,596.07
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00117411	Install Genset - LAS 9	CWSCO Specific Water Regulated		683,473.4	11/28/2023	11/27/2024	in progress	\$ 1,025,013.09
Authorized 2021 GRC Capital in progress	120-VIS	2025	120 00117412	VIS 79 Install Generator	CWSCO Specific Water Regulated		78,272.0	3/28/2024	3/27/2025	in progress	\$ 128,655.07
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00117416	Generator STA 10	CWSCO Specific Water Regulated		427,500.4	3/16/2023	3/15/2024	complete	\$ 630,688.80
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00117429	LAS 2021 Flowmeter Replacement	CWSCO Specific Water Regulated		13,851.1	2/27/2023	2/26/2024	complete	\$ 32,105.69
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00117436	LIV 2021 Flowmeter Replacements	CWSCO Specific Water Regulated		99,035.1	3/12/2023	3/11/2024	complete	\$ 195,219.51
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00117587	REPLACE - DATA CENTER A/C	CWSCO Specific Water Regulated		4,421.5	5/1/2024	4/30/2025	in progress	\$ 210,008.04
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00117597	SM-22 - Reconfiguration	CWSCO Specific Water Regulated		-	6/18/2024	6/17/2025	in progress	\$ 243,123.79
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00117656	SSF 4 New Pumps	CWSCO Specific Water Regulated		546,316.9	10/5/2023	10/4/2024	in progress	\$ 1,062,261.03
Authorized 2021 GRC Capital in progress	152-BAY	2027	152 00117796	Bayshore Ops. Center Improvements	CWSCO Specific Water Regulated		449,665.1	7/16/2024	7/15/2025	in progress	\$ 405,028.00
Authorized 2021 GRC Capital in progress	148-ARMV	2025	650 00117876	ARM-NOH AMI Meters	CWSCO Specific Water Regulated		650,000.0	7/1/2023	6/30/2024	complete	\$ 764,977.98
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 00117877	LUC AMI Smart Meter	CWSCO Specific Water Regulated		255,415.0	8/21/2023	8/20/2024	in progress	\$ 311,708.83
Authorized 2021 GRC Capital in progress	150-HKN	2024	650 00117880	HKN - AMI Smart Meters	CWSCO Specific Water Regulated		11,277.1	3/16/2023	3/15/2024	complete	\$ 24,939.83
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00117904	Install generator at CSC	CWSCO Specific Water Regulated		347,792.5	7/30/2023	7/29/2024	in progress	\$ 677,216.20
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00118028	Replace Genset - Sta 33	CWSCO Specific Water Regulated		273,858.4	11/18/2024	11/17/2025	in progress	\$ 71,377.16
Authorized 2021 GRC Capital in progress	157-TAB	2026	157 00118054	Chlorination Systems	-CWSCO Specific Water Regulated		-	12/31/2023	12/30/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00118093	2019- VEH. FOR PROPOSED COMPLEMENT	CWSCO Specific Water Regulated	Vehicle	89,099.5	4/2/2023	4/1/2024	complete	\$ 96,435.12
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00118107	Sta.275 4-Log Disinfection	CWSCO Specific Water Regulated		2,531,645.6	2/15/2023	2/14/2024	complete	\$ 2,909,377.80
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00118121	2019 - VEHICLE FOR NEW COMPLEMENT	CWSCO Specific Water Regulated	Vehicle	45,328.9	1/1/2024	12/31/2024	complete	\$ 59,082.46
Authorized 2021 GRC Capital in progress	391-GO	2027	330 00118124	Mobile Comm trailer	-CWSCO Specific Water Regulated	Vehicle	-	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	392-GO	2024	330 00118564	RENOVATE HR AREA	CWSCO Specific Water Regulated		54,852.3	7/2/2023	7/1/2024	complete	\$ 42,123.71
Authorized 2021 GRC Capital in progress	392-GO	2024	330 00118570	RECONFIG ENG/ACCTG	CWSCO Specific Water Regulated		559,612.6	4/1/2023	3/31/2024	complete	\$ 1,402,807.48
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00118571	RECONFIGURE IT/ ADDITIONAL TRAILER	CWSCO Specific Water Regulated		78,897.0	4/1/2024	3/31/2025	in progress	\$ 524,277.88
Authorized 2021 GRC Capital in progress	392-GO	2024	330 00118572	REPURPOSE FOUNTAIN AREA	CWSCO Specific Water Regulated		371,979.7	2/27/2023	2/26/2024	complete	\$ 475,594.99
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00121170	HR-024 Stationary Generator (PSPS)	CWSCO Specific Water Regulated		329,113.9	7/10/2024	7/9/2025	in progress	\$ 32,839.76
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00121171	SLN-049 PSPS Genset	CWSCO Specific Water Regulated		466,666.7	8/13/2023	8/12/2024	in progress	\$ 558,660.63
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00121261	SC-118 PSPS Genset	CWSCO Specific Water Regulated		569,974.7	10/17/2023	10/16/2024	in progress	\$ 560,470.02
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00121345	BG-025 PSPS Genset	CWSCO Specific Water Regulated		813,940.9	11/5/2023	11/4/2024	in progress	\$ 842,218.49
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00121347	BG-026 PSPS Genset	CWSCO Specific Water Regulated		703,109.7	3/29/2023	3/28/2024	complete	\$ 815,078.99
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00121426	PV-22 PSPS Electrical Modifications	CWSCO Specific Water Regulated		671,507.2	9/3/2024	9/2/2025	in progress	\$ 387,040.30
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00121487	PSPS LAS-33 Genset	CWSCO Specific Water Regulated		520,028.7	10/18/2023	10/17/2024	in progress	\$ 334,056.66
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123185	BK 87 Station Rebuild - Design	-CWSCO Specific Water Regulated		1,195,204.1	12/2/2023	12/1/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123232	VIS 070-01 - Replace Pump and Motor	CWSCO Specific Water Regulated		126,205.8	3/2/2023	3/1/2024	complete	\$ 151,016.37
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123233	VIS 072-01 - Replace Pump & Motor	CWSCO Specific Water Regulated		100,575.8	4/2/2023	4/1/2024	complete	\$ 163,896.70
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00123265	STK 12" Cherokee Rd Pipeline	CWSCO Specific Water Regulated		1,818,696.7	10/8/2024	10/7/2025	in progress	\$ 139,860.89
Authorized 2021 GRC Capital in progress	128-DOM	2027	128 00123393	DOM New Property Purchase	CWSCO Specific Water Regulated		1,392,405.1	12/7/2023	12/6/2024	in progress	\$ 312.99
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123405	DOM 232 to Zone 1 Main Reliability	CWSCO Specific Water Regulated		3,623,835.4	9/24/2023	9/23/2024	in progress	\$ 794,888.99
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123419	DOM From Sta 232 N to Zone I	CWSCO Specific Water Regulated		2,419,015.1	1/1/2024	12/31/2024	complete	\$ 142,136.02
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123475	BK 195-01 Replace Pump & Motor	CWSCO Specific Water Regulated		137,552.7	5/31/2024	5/30/2025	in progress	\$ 2,099.01
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00123500	LIV Land Purchase for New Well	-CWSCO Specific Water Regulated		1,188,936.1	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00123528	LAS 118-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		449,393.2	3/6/2025	3/5/2026	in progress	\$ 86,634.30
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123541	CH 064-PT1 - Pressure Vessel Rehab	CWSCO Specific Water Regulated		86,464.2	6/16/2023	6/15/2024	complete	\$ 60,329.30
Authorized 2021 GRC Capital in progress	150-HKN	2026	650 00123623	RDV HKN Sta 1 - Upgrade - Design	CWSCO Specific Water Regulated		217,195.8	9/10/2024	9/9/2025	in progress	\$ 92,150.44
Authorized 2021 GRC Capital in progress	129-AV	2025	129 00123634	AV Wrigely Well Property Purch.	CWSCO Specific Water Regulated		421,940.9	1/28/2024	1/27/2025	in progress	\$ 38,435.52
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00123695	LIV028-PT2 Pressure Vessel Rplcmt	CWSCO Specific Water Regulated		506,329.1	7/30/2024	7/29/2025	in progress	\$ 82,961.02
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123704	CH 066-PT1 - Pressure Vessel Rehab	CWSCO Specific Water Regulated		101,340.3	7/16/2023	7/15/2024	in progress	\$ 499.08
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00123708	SLN 304-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		506,329.1	10/11/2024	10/10/2025	in progress	\$ 91,231.91
Authorized 2021 GRC Capital in progress	149-COS	2027	149 00123714	RDV COS- Design and Permit New Well	CWSCO Specific Water Regulated		675,629.0	8/7/2026	8/6/2027	in progress	\$ 123,821.32
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00123755	LAS 2024 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	60,926.7	1/1/2024	12/31/2024	in progress	\$ 64,792.15
Authorized 2021 GRC Capital in progress	146-RDV	2025	146 00123770	RDV 2023 Vehicle Replacement Progrm	-CWSCO Specific Water Regulated	Vehicle	104,397.7	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123776	SLN 2024 Vehicle Replacement Progrm	CWSCO Specific Water Regulated	Vehicle	163,721.6	1/1/2024	12/31/2024	in progress	\$ 75,251.90
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 00123778	SEL 2023 Vehicle Replacemnt Program	-CWSCO Specific Water Regulated	Vehicle	56,610.3	1/1/2024	12/31/2024	in progress	\$ -

Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123788	AV 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		36,956.6	12/6/2023	12/5/2024	in progress	\$	109.31
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00123794	MPS 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		111,392.4	7/19/2023	7/18/2024	in progress	\$	41,486.73
Authorized 2021 GRC Capital in progress	114-SLN	2027	114 00123839	SLN 071: Sta Rebuild - Design	CWSCO Specific Water Regulated		600,000.0	6/5/2026	6/4/2027	in progress	\$	58,499.93
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00123881	SLN 039: As Treatmnt Plant - Design	CWSCO Specific Water Regulated		71,027.8	9/30/2024	9/29/2025	complete	\$	68,224.30
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123900	CH 7 Install GAC Treatment	-CWSCO Specific Water Regulated		1,330,232.0	3/4/2023	3/3/2024	in progress	\$	56,145.19
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00123913	LAS Sta. 117 Rebuild - Design	CWSCO Specific Water Regulated		210,970.5	2/20/2025	2/19/2026	in progress	\$	98,457.55
Authorized 2021 GRC Capital in progress	104-Chico	2024	104 00123928	CH 41 Install GAC Treatment	-CWSCO Specific Water Regulated		1,326,587.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	131-FMT	2024	129 00123929	FMT 001-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		445,695.4	8/9/2023	8/8/2024	complete	\$	475,477.91
Authorized 2021 GRC Capital in progress	104-CH	2025	104 00123938	CH 51 Install GAC Treatment	CWSCO Specific Water Regulated		1,147,487.7	6/24/2024	6/23/2025	in progress	\$	1,199,817.17
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123954	VIS 23 Panelboard & Gen Set	CWSCO Specific Water Regulated		457,136.5	12/24/2023	12/23/2024	in progress	\$	222,197.26
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123979	CH 050 Station Rebuild - Design	-CWSCO Specific Water Regulated		178,677.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124055	CH 027-01 Replace Pump & Motor	CWSCO Specific Water Regulated		118,143.5	3/1/2023	2/28/2024	complete	\$	136,520.27
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124057	CH 029-01 Replace Pump & Motor	CWSCO Specific Water Regulated		114,514.8	2/15/2023	2/14/2024	complete	\$	135,322.36
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124064	ELA 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		160,337.6	12/19/2023	12/18/2024	in progress	\$	1,553.94
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124079	ELA Main Replcmnt Fwy Crossing-Dsgn	CWSCO Specific Water Regulated		387,320.9	5/2/2023	5/1/2024	in progress	\$	492,080.70
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00124092	HR 005 Sta Rebuild - Design	CWSCO Specific Water Regulated		265,958.2	12/30/2024	12/29/2025	in progress	\$	75,149.07
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124112	ELA - Land Purchase	CWSCO Specific Water Regulated		526,508.0	10/4/2023	10/3/2024	in progress	\$	235,511.17
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124202	CH 2022 ADDITIONAL DUMP TRUCK	-CWSCO Specific Water Regulated	Vehicle	90,498.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00124232	PV Sta 014 Rebuild - Design	CWSCO Specific Water Regulated		550,000.0	11/22/2024	11/21/2025	in progress	\$	63,177.35
Authorized 2021 GRC Capital in progress	122-PV	2027	122 00124233	PV Sta 015 Rebuild Design	CWSCO Specific Water Regulated		1,054,852.3	8/28/2025	8/27/2026	in progress	\$	498,424.04
Authorized 2021 GRC Capital in progress	122-PV	2027	122 00124243	PV Sta 023 Rebuild Design	CWSCO Specific Water Regulated		1,300,000.0	11/11/2025	11/10/2026	in progress	\$	308,921.15
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00124273	CSS PeopleSoft FS&PeopleTools Upgr.	-CWSCO Specific Water Regulated	Office	542,180.1	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124334	LAS Land for New Well	CWSCO Specific Water Regulated		2,270,798.1	10/4/2023	10/3/2024	in progress	\$	171,669.08
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124339	HR 026 Sta Rebuild - Design	CWSCO Specific Water Regulated		205,817.8	1/1/2024	12/31/2024	in progress	\$	37,654.34
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124342	LAS STA 42 Wildfire Bstr Pmps-Dsgn	CWSCO Specific Water Regulated		348,115.1	1/1/2024	12/31/2024	in progress	\$	66,226.48
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00124399	BG Wildfire Pmp Sta Knigs Mt-Design	-CWSCO Specific Water Regulated		736,000.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2027	106 00124407	ELA Sta. 55 Panelboard Replacement	CWSCO Specific Water Regulated		354,195.4	8/12/2025	8/11/2026	in progress	\$	36,450.87
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124424	SC-117 Sta Rebuild - Design	CWSCO Specific Water Regulated		286,671.9	8/15/2023	8/14/2024	in progress	\$	80,095.29
Authorized 2021 GRC Capital in progress	116-MPS	2026	152 00124427	MPS SM-17 Sta Rebuild - Design	CWSCO Specific Water Regulated		118,593.2	5/31/2024	5/30/2025	in progress	\$	73,197.86
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00124437	BG Land For New Booster Station	CWSCO Specific Water Regulated		400,000.0	12/27/2023	12/26/2024	in progress	\$	51,333.29
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00124488	CSS Procurement Process Improvm.	-CWSCO Specific Water Regulated	Office	807,431.3	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	357-GO	2025	330 00124489	CSS Inventory Management System	-CWSCO Specific Water Regulated	Office	531,336.5	1/1/2024	12/31/2024	in progress	\$	7,983.94
Authorized 2021 GRC Capital in progress	379-GO	2026	330 00124496	CSS Zoom Video Conference	-CWSCO Specific Water Regulated	Office	539,016.1	1/1/2024	12/31/2024	in progress	\$	36,804.74
Authorized 2021 GRC Capital in progress	111-LAS	2027	111 00124598	LAS Sta. 31 Redwood Tank Replace	CWSCO Specific Water Regulated		1,012,658.2	1/7/2025	1/6/2026	in progress	\$	226,595.87
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124743	VIS Property Purchase	CWSCO Specific Water Regulated		542,920.3	12/31/2023	12/30/2024	in progress	\$	147,440.73
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124771	SLN 057-PT1 - Pressure Vessel Rplcm	CWSCO Specific Water Regulated		506,329.1	11/14/2023	11/13/2024	in progress	\$	230,615.02
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124775	SLN 033-PT1 Pressure Vessel Rplcmnt	CWSCO Specific Water Regulated		653,078.5	7/31/2023	7/30/2024	in progress	\$	310,579.92
Authorized 2021 GRC Capital in progress	392-GO	2025	330 00124853	CSS Energy Efficiency - HVAC	CWSCO Specific Water Regulated		792,522.1	8/1/2023	7/31/2024	complete	\$	823,277.29
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124896	STK Sta 85 Treatment Design	CWSCO Specific Water Regulated		230,567.5	6/8/2023	6/7/2024	complete	\$	148,486.68
Authorized 2021 GRC Capital in progress	392-GO	2026	330 00124910	CSS-WATER QUALITY SATELLITE LAB	-CWSCO Specific Water Regulated		2,870,664.3	1/1/2026	12/31/2026	in progress	\$	91,074.25
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00124959	PV 015-PT1 - Saddle Retrofit	-CWSCO Specific Water Regulated		12,613.0	12/19/2023	12/18/2024	complete	\$	14,050.31
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00125008	LAS Sta. 30 Redwood Tank Replace	-CWSCO Specific Water Regulated		851,341.5	1/1/2024	12/31/2024	in progress	\$	44,959.18
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00125060	SLN 155 Zone: New Well - Design	CWSCO Specific Water Regulated		1,136,027.4	12/9/2025	12/8/2026	in progress	\$	215,034.52
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00125120	LAS Sta. 42 Tank Mixing and Dosing	CWSCO Specific Water Regulated		1,148,983.1	9/5/2024	9/4/2025	in progress	\$	15,631.07
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00125246	HR 28: Building Rebuild - Design	-CWSCO Specific Water Regulated		22,389.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	123-WLK	2025	123 00125459	WLK 7 Driveway & Wall - Design	CWSCO Specific Water Regulated		883,955.3	7/6/2023	7/5/2024	complete	\$	828,176.45
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00125632	LIV New Main Livermore & Concannon	CWSCO Specific Water Regulated		2,213,575.3	3/21/2023	3/20/2024	in progress	\$	1,879.49
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00125762	DOM Sta 300 Treatment Plant	CWSCO Specific Water Regulated		3,417,721.5	12/25/2024	12/24/2025	in progress	\$	3,787,684.30
Authorized 2021 GRC Capital in progress	118-SSF	2027	152 00125813	Land Purchase for Recycled Water St	-CWSCO Specific Water Regulated		1,181,897.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 134MRP24	KRV 2024 Main Replacement Program	CWSCO Specific Water Regulated		697,493.6	1/1/2024	12/31/2024	in progress	\$	490,409.00
Authorized 2021 GRC Capital in progress	146-RDV	2024	146 146MRP24	RDV 2024 Main Replacement Program	CWSCO Specific Water Regulated		361,519.1	1/1/2024	12/31/2024	in progress	\$	77,505.00
Authorized 2021 GRC Capital in progress	102-BG	2026	102 00133565	Skylonda - Skyline Main Conn	-CWSCO Specific Water Regulated		1,160,180.6	9/1/2024	8/31/2025	in progress	\$	25,812.56
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00133576	BG Sta 53 - PRV Addition	-CWSCO Specific Water Regulated		136,470.9	12/16/2023	12/15/2024	in progress	\$	613.18
Authorized 2021 GRC Capital in progress	111-LAS	2027	111 00124239	LAS New Well For Zone 375	-CWSCO Specific Water Regulated		4,197,998.8	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	343-GO	2024	330 00122697	Plotter for BK Engineering office	CWSCO Specific Water Regulated	Field	23,218.0	1/1/2024	12/31/2024	complete	\$	21,924.99
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00131885	Skylonda Integration - CWS 1810 Zon	CWSCO Specific Water Regulated		1,088,671.5	12/19/2023	12/18/2024	in progress	\$	33,204.19

Authorized 2021 GRC Capital in progress	102-BG	2024	102 00131889	Skylonda Integration - CWS 1930 Zon	CWSCO Specific Water Regulated		940,842.8	12/19/2023	12/18/2024	in progress	\$ 32,769.66
Authorized 2021 GRC Capital in progress	105-DIX	2026	105 00124058	DIX 04 CrVI Treatment	CWSCO Specific Water Regulated		2,710,210.9	9/9/2024	9/8/2025	in progress	\$ 275,597.27
Authorized 2021 GRC Capital in progress	106-ELA	2026	106 00116988	Tubeway Phase 2	CWSCO Specific Water Regulated		7,004,219.4	7/2/2024	7/1/2025	in progress	\$ 662,532.48
Authorized 2021 GRC Capital in progress	134-KRV	2027	134 00124507	KRV Kernville New Storage Tank	CWSCO Specific Water Regulated		-	4/14/2026	4/13/2027	in progress	\$ 86,964.00
Authorized 2021 GRC Capital in progress	114-SLN	2025	114 00118492	SLN 205-01 CR(VI) Treatment Plant	CWSCO Specific Water Regulated		1,597,374.8	7/24/2024	7/23/2025	in progress	\$ 286,842.37
Authorized 2021 GRC Capital in progress	114-SLN	2026	114 00123887	SLN 076: New Well	CWSCO Specific Water Regulated		3,796,274.6	12/12/2025	12/11/2026	in progress	\$ 160,638.33
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00020688	Access Road at SSF Sta 11	CWSCO Specific Water Regulated		78,891.4	6/1/2023	5/31/2024	in progress	\$ 98,841.45
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00115263	STK-61 Blow Off	CWSCO Specific Water Regulated		94,443.1	10/23/2024	10/22/2025	in progress	\$ 75,023.90
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00115326	STK-71 Blow Off	CWSCO Specific Water Regulated		63,984.1	10/28/2024	10/27/2025	in progress	\$ 12,542.71
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00115329	STK-77 Blow Off	CWSCO Specific Water Regulated		123,325.3	10/22/2024	10/21/2025	in progress	\$ 70,549.21
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00098530	Sta 007 Install Driveway at Harper	CWSCO Specific Water Regulated		421,940.9	1/1/2024	12/31/2024	complete	\$ 93,545.42
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00098912	Solar Powered Transmitter	CWSCO Specific Water Regulated		46,762.9	1/1/2024	12/31/2024	complete	\$ 13,399.99
Authorized 2021 GRC Capital in progress	116	2026	152 00061972	Purchase Land for SM Well			2,661,469.0	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	102	2024	102 00117532	Bear Gulch Dam Modifications			-	1/1/2024	12/31/2024	in progress	\$ 2,861,757.18
Authorized 2021 GRC Capital in progress	101-BK	2027	101 00123165	BK New Tank & Booster Facility	-CWSCO Specific Water Regulated		3,126,871.8	1/1/2026	12/31/2026	in progress	\$ 56,619.13
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00124830	DOM Sta 203 Tank Mixing & Dosing	-CWSCO Specific Water Regulated		908,749.1	10/2/2023	10/1/2024	in progress	\$ 16,640.00
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00124843	HR 005 Tank Mix & Boost	-CWSCO Specific Water Regulated		443,399.2	1/1/2024	12/31/2024	in progress	\$ 15,035.18
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00124960	HR 023 Tank Mixing & Boosting	CWSCO Specific Water Regulated		222,315.7	4/8/2024	4/7/2025	in progress	\$ 26,727.22
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124221	LAS STA 14 Wildfire New Pump & Main	-CWSCO Specific Water Regulated		630,227.3	1/1/2024	12/31/2024	in progress	\$ 40,052.34
Authorized 2021 GRC Capital in progress	130-LAN	2025	129 00125047	LAN 001: New Production Meter	-CWSCO Specific Water Regulated		524,292.7	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123968	DOM 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		52,504.9	2/15/2023	2/14/2024	complete	\$ 67,370.59
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 00124300	WIL 007-01 Well Renewal	-CWSCO Specific Water Regulated		329,096.9	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	366-GO	2024	330 00124611	CSS 2024 SCADA Server Replacement	-CWSCO Specific Water Regulated	Office	303,099.5	1/1/2024	12/31/2024	in progress	\$ 46,543.70
Authorized 2021 GRC Capital in progress	366-GO	2024	330 00124601	CSS 2024 Network Hardware Replacem.	-CWSCO Specific Water Regulated	Office	300,547.1	1/1/2024	12/31/2024	in progress	\$ 14,075.91
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124118	VIS 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		375,772.6	12/19/2023	12/18/2024	in progress	\$ 49,302.28
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123936	BK 116-PT1 Pressure Vessel Replace	CWSCO Specific Water Regulated		339,348.1	6/25/2024	6/24/2025	in progress	\$ 32,645.35
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123966	CH 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		357,683.1	12/19/2023	12/18/2024	in progress	\$ 110,655.63
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00124774	SLN 060-PT1 - Pressure Vessel Rplcm	-CWSCO Specific Water Regulated		327,521.5	12/19/2023	12/18/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00123897	LAS Sta. 33 Paneboard Replacement	-CWSCO Specific Water Regulated		305,517.2	1/13/2023	1/12/2024	in progress	\$ 6,478.81
Authorized 2021 GRC Capital in progress	383-GO	2024	330 00125088	CSS RO Model Improvements	CWSCO Specific Water Regulated	Office	278,460.5	4/1/2023	3/31/2024	in progress	\$ 176,625.00
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00124288	LAS 104-02: Well Renewal	-CWSCO Specific Water Regulated		295,625.7	12/16/2023	12/15/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124142	LIV 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		324,077.9	1/1/2024	12/31/2024	in progress	\$ 1,432.05
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124146	LIV 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		300,567.8	1/1/2024	12/31/2024	in progress	\$ 431.40
Authorized 2021 GRC Capital in progress	123-WLK	2026	123 00124151	WLK Sta. 7 Tank Mixing	CWSCO Specific Water Regulated		264,482.9	9/30/2024	9/29/2025	in progress	\$ 21,647.05
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124226	ELA Vacuum Truck Replacement	-CWSCO Specific Water Regulated	Vehicle	224,164.6	11/16/2023	11/15/2024	complete	\$ 372,503.75
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00124306	BK 042-02 Well Renewal	-CWSCO Specific Water Regulated		259,093.3	12/16/2023	12/15/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123916	VIS 62 Generator Installation	-CWSCO Specific Water Regulated		266,799.1	7/31/2023	7/30/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00124298	VIS 012-01 Well Renewal	-CWSCO Specific Water Regulated		248,324.5	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00123194	BK 23 Building Replacement	CWSCO Specific Water Regulated		245,870.3	11/26/2024	11/25/2025	in progress	\$ 12,215.28
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123982	SLN STA 058 Wildfire New Generator	-CWSCO Specific Water Regulated		228,442.0	5/31/2023	5/30/2024	cancelled	\$ -
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124294	ORO 010-01 Well Renewal	-CWSCO Specific Water Regulated		209,326.7	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	112-MRL	2026	112 00124304	MRL 009-01 Well Renewal	-CWSCO Specific Water Regulated		204,620.4	1/1/2024	12/31/2024	in progress	\$ 4,748.93
Authorized 2021 GRC Capital in progress	149-COS	2024	149 00123619	RDV-COS - Well Housing (Various)	-CWSCO Specific Water Regulated		203,699.8	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00123617	LAS 2024 Control Valve Replacement	-CWSCO Specific Water Regulated		595,070.5	12/19/2023	12/18/2024	in progress	\$ 4,099.59
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123886	Davis Rd Bridge 12" Pipe Provisions	-CWSCO Specific Water Regulated		140,025.5	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124509	KRV 005-T1 Tank Mixing	-CWSCO Specific Water Regulated		124,381.8	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	119-STK	2025	119 00124123	STK 2023 Flowmeter Replacements	CWSCO Specific Water Regulated		154,126.8	1/1/2024	12/31/2024	in progress	\$ 294.74
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124344	Chico Reliability Study	CWSCO Specific Water Regulated		152,442.8	1/1/2024	12/31/2024	complete	\$ 92,570.24
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00123785	VIS 2023 Vehicle Replacement Progm	CWSCO Specific Water Regulated	Vehicle	225,916.9	1/1/2024	12/31/2024	complete	\$ 268,878.04
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00124121	STK 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		149,815.6	1/1/2024	12/31/2024	in progress	\$ 173,532.69
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124350	Kern River Valley Reliability Study	CWSCO Specific Water Regulated		146,450.8	1/1/2024	12/31/2024	complete	\$ 99,967.08
Authorized 2021 GRC Capital in progress	119-STK	2026	119 00124127	STK 2024 Flowmeter Replacements	CWSCO Specific Water Regulated		158,577.4	12/19/2023	12/18/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	110-LIV	2025	110 00124033	LIV Turnout 6 RTU Install	-CWSCO Specific Water Regulated		148,372.2	9/2/2023	9/1/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124478	HR Via Colusa PBC	-CWSCO Specific Water Regulated		144,305.5	1/1/2024	12/31/2024	planning	\$ -
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123962	BK 2024 Flowmeter Replacements	CWSCO Specific Water Regulated		141,191.0	12/19/2023	12/18/2024	complete	\$ -
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 00124510	Kernville 006-T1 Tank Mixing	-CWSCO Specific Water Regulated		122,173.3	1/1/2024	12/31/2024	planning	\$ -

Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124949	SC and SM Nitrification Evaluation	CWSCO Specific Water Regulated		127,490.0	1/1/2024	12/31/2024	complete	\$	27,970.37
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	00123743	DOM 298-01 Replace Pump & Motor	-CWSCO Specific Water Regulated		135,749.2	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129	00123091	AV 2022 Vehicle Replacemnt Program	CWSCO Specific Water Regulated	Vehicle	89,654.0	1/1/2024	12/31/2024	complete	\$	75,936.34
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123159	BK 2022 Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	165,843.4	2/15/2023	2/14/2024	complete	\$	131,362.28
Authorized 2021 GRC Capital in progress	147-LUC	2026	147	00124088	RDV 2024 Flowmeter Replacement	CWSCO Specific Water Regulated		97,899.3	12/19/2023	12/18/2024	in progress	\$	11,955.19
Authorized 2021 GRC Capital in progress	386-GO	2024	330	00125030	CSS Dist. System Integrity Tools	-CWSCO Specific Water Regulated	Office	75,753.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106	00124105	ELA 060-T1 Install Tank Mixer	-CWSCO Specific Water Regulated		77,208.2	8/16/2023	8/15/2024	in progress	\$	1,088.49
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124001	MPS 106-B - Replace Pump & Motor	-CWSCO Specific Water Regulated		69,529.8	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2024	119	00123942	STK 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		63,638.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123409	BK 003-04 Replace Pump & Motor	-CWSCO Specific Water Regulated		85,929.1	12/16/2023	12/15/2024	in progress	\$	122.20
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	00123697	DOM 215-A Replace Pump & Motor	-CWSCO Specific Water Regulated		84,285.1	1/1/2024	12/31/2024	in progress	\$	2,969.32
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	00123738	DOM 275-01 Replace Pump & Motor	-CWSCO Specific Water Regulated		84,285.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	132-LEO	2024	129	00123986	AV-LEO Sta 04 Tank-1 Aeration	-CWSCO Specific Water Regulated		62,896.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2024	119	00123940	STK 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		62,086.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	00123971	DOM 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		60,456.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2024	119	00123911	STK 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		60,572.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	00123970	DOM 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		58,982.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	157-TAB	2024	157	00126041	TAB Tanks-Remove Ext Ladder Cage	-CWSCO Specific Water Regulated		51,691.6	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128	00123967	DOM 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		57,543.7	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110	00123478	LIV 2022 Control Valve Replacement	CWSCO Specific Water Regulated		174,132.8	7/19/2023	7/18/2024	complete	\$	90,406.49
Authorized 2021 GRC Capital in progress	147-LUC	2024	147	00124087	RDV 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		47,454.5	1/1/2024	12/31/2024	in progress	\$	2,042.59
Authorized 2021 GRC Capital in progress	110-LIV	2025	110	00123481	LIV 2024 Control Valve Replacement	-CWSCO Specific Water Regulated		129,393.1	12/19/2023	12/18/2024	in progress	\$	762.50
Authorized 2021 GRC Capital in progress	117-SEL	2025	117	00124089	SEL 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		46,699.0	1/1/2024	12/31/2024	complete	\$	42,889.17
Authorized 2021 GRC Capital in progress	147-LUC	2024	147	00124083	RDV 2022 Flowmeter Replacement	CWSCO Specific Water Regulated		46,012.0	1/19/2023	1/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110	00124885	LIV 028-A Replace Pump & Motor	-CWSCO Specific Water Regulated		52,329.9	12/16/2023	12/15/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110	00124887	LIV 028-B Replace Pump & Motor	-CWSCO Specific Water Regulated		52,329.9	12/16/2023	12/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123643	BK 212-D Replace Pump & Motor	-CWSCO Specific Water Regulated		50,151.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122	00123758	PV 015-D Replace Pump & Motor	CWSCO Specific Water Regulated		17,805.9	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123675	BK 100-T4 - Tank Retrofit	-CWSCO Specific Water Regulated		39,116.5	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123440	BK 097-B Replace Pump & Motor	-CWSCO Specific Water Regulated		49,246.0	12/16/2023	12/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123462	BK 097-C Replace Pump & Motor	-CWSCO Specific Water Regulated		49,246.0	12/16/2023	12/15/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102	00123580	BG 2024 Control Valve Replacement	-CWSCO Specific Water Regulated		109,557.9	12/19/2023	12/18/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112	00124007	MRL Sta 10 Flowmeter Replacement	CWSCO Specific Water Regulated		38,575.7	1/1/2024	12/31/2024	in progress	\$	37,018.15
Authorized 2021 GRC Capital in progress	112-MRL	2024	112	00124011	MRL 2023 Flowmeter Replacement 11	CWSCO Specific Water Regulated		38,575.7	1/1/2024	12/31/2024	in progress	\$	210.09
Authorized 2021 GRC Capital in progress	366-GO	2024	330	00124612	CSS UPS and Storage Replacement	-CWSCO Specific Water Regulated	Office	517,774.1	1/1/2024	12/31/2024	in progress	\$	433,599.83
Authorized 2021 GRC Capital in progress	112-MRL	2024	112	00123995	MRL Sta 8 Flowmeter Replacement	CWSCO Specific Water Regulated		37,634.8	3/2/2023	3/1/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124041	MPS 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		33,410.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152	00124048	SSF 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		33,410.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2024	111	00124050	LAS 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		33,410.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124040	MPS 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		32,595.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152	00124046	SSF 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		32,595.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110	00123479	LIV 2023 Control Valve Replacement	-CWSCO Specific Water Regulated		98,048.5	1/1/2024	12/31/2024	in progress	\$	21,008.50
Authorized 2021 GRC Capital in progress	386-GO	2024	330	00125100	CSS 2024 Portable Large Test Meter	-CWSCO Specific Water Regulated	Office	32,378.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2024	120	00123946	VIS 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		31,819.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114	00124038	SLN 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		31,819.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124039	MPS 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		31,800.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152	00124045	SSF 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		31,800.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152	00124081	MPS 114-B Replace Pump & Motor	-CWSCO Specific Water Regulated		36,612.5	12/16/2023	12/15/2024	in progress	\$	3,295.90
Authorized 2021 GRC Capital in progress	386-GO	2024	330	00125099	CSS 2023 Portable Large Test Meter	-CWSCO Specific Water Regulated	Office	32,378.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2024	120	00123945	VIS 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		31,043.3	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114	00124037	SLN 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		31,043.3	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	386-GO	2024	330	00125096	CSS 2022 Portable Large Test Meter	-CWSCO Specific Water Regulated	Office	32,378.9	7/1/2023	6/30/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2024	120	00123943	VIS 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		30,286.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	123-WLK	2026	123	00123965	WLK 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		30,228.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101	00123978	BK 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		30,228.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106	00124006	ELA 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated		30,228.5	1/1/2024	12/31/2024	planning	\$	-

Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124012	HR 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	30,228.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	123-WLK	2025	123 00123959	WLK 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	29,491.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123975	BK 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	29,491.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124005	ELA 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	29,491.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124010	HR 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	29,491.2	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2026	110 00123506	LIV Sta 8 New Booster Sta - Design	-CWSCO Specific Water Regulated	1,273,984.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00123953	WLK 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	28,771.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123974	BK 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	28,771.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00124002	ELA 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	28,771.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124008	HR 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	28,771.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	131-FMT	2024	129 00123827	FREM 001-01 - Replace Pump & Moto	-CWSCO Specific Water Regulated	35,876.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123834	LHUG 002-02 - Replace Pump & Motor	-CWSCO Specific Water Regulated	35,876.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123752	PV 014-A Replace Pump & Motor	-CWSCO Specific Water Regulated	35,672.8	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123829	LHUG 001-01 - Replace Pump & Motor	-CWSCO Specific Water Regulated	29,870.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00123831	LHUG 001-02 - Replace Pump & Motor	-CWSCO Specific Water Regulated	29,870.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123299	SLN 2023 CP Upgrades	-CWSCO Specific Water Regulated	49,589.7	1/1/2024	12/31/2024	in progress	\$	1,583.43
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00123469	ORO 2024 Control Valve Replacement	-CWSCO Specific Water Regulated	63,427.8	12/19/2023	12/18/2024	in progress	\$	562.56
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00123466	ORO 2023 Control Valve Replacement	CWSCO Specific Water Regulated	62,391.4	6/19/2023	6/18/2024	complete	\$	15,910.83
Authorized 2021 GRC Capital in progress	132-LEO	2024	129 00125371	AV-LEO 001 Replace Production Meter	-CWSCO Specific Water Regulated	23,266.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00123989	BG Customer Meter Vault Lids	-CWSCO Specific Water Regulated	18,946.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00123803	CH 2022 Conrol Valve Overhauls	CWSCO Specific Water Regulated	23,746.6	1/1/2024	12/31/2024	complete	\$	20,577.76
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00124000	DIX 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,909.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00124017	KC 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,909.6	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00124029	MRL 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,909.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124032	ORO 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	14,413.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00124044	SEL 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,909.6	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124021	LIV 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,909.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00123998	DIX 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	14,413.4	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	109-KC	2024	109 00124016	KC 2023 Customer Meter Vault Lids	CWSCO Specific Water Regulated	15,521.6	4/1/2023	3/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00124028	MRL 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,521.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124031	ORO 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,521.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	117-SEL	2025	117 00124043	SEL 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,521.6	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124020	LIV 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,521.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 00123996	DIX 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,142.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 00124027	MRL 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,142.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 00124030	ORO Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,142.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 00124042	SEL 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,142.9	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	383-GO	2024	330 00125105	CSS Install high volume printer	-CWSCO Specific Water Regulated	14,086.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123950	PV 2024 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,114.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00124018	LIV Customer Meter Vault Lids	-CWSCO Specific Water Regulated	15,142.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123949	PV 2023 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	14,745.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123948	PV 2022 Customer Meter Vault Lids	-CWSCO Specific Water Regulated	14,385.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00123255	BK 213-T3 - Tank Retrofits	-CWSCO Specific Water Regulated	13,716.1	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00123606	SSF 2024 CP Upgrades	-CWSCO Specific Water Regulated	29,497.9	12/19/2023	12/18/2024	in progress	\$	134.65
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00123193	BK 148 PB & Building Replacement	-CWSCO Specific Water Regulated	461,751.9	12/2/2023	12/1/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	147-LUC	2025	147 00124546	LUC 003-T1 - CP Upgrade	-CWSCO Specific Water Regulated	15,348.5	1/1/2025	12/31/2025	in progress	\$	265.19
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00123448	STK 080-T1 - CP Upgrade	-CWSCO Specific Water Regulated	15,083.7	1/1/2024	12/31/2024	in progress	\$	311.74
Authorized 2021 GRC Capital in progress	130-LAN	2024	129 00123480	LAN 001-T2 - CP Upgrade	-CWSCO Specific Water Regulated	14,687.7	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00123498	WLK 007-T1 - CP Upgrade	-CWSCO Specific Water Regulated	14,687.7	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	132-LEO	2024	129 00123446	LEO 004-T1 - CP Upgrade	-CWSCO Specific Water Regulated	14,329.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	133-LHUG	2024	129 00123447	LHUG 003-T1 - CP Upgrade	-CWSCO Specific Water Regulated	14,329.5	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00124248	MPS 123-T4 - Tank Retrofits	-CWSCO Specific Water Regulated	4,914.6	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	112-MRL	2027	112 00117409	Army Corps Marysville Phase 3	-CWSCO Specific Water Regulated	237,687.8	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2027	119 00123266	STK Main Tie-ins at Army & Charte	-CWSCO Specific Water Regulated	1,579,605.8	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2025	120 00123396	VIS 99 - New Well Station	-CWSCO Specific Water Regulated	2,937,723.6	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00123403	DOM Sta 219 Treatment Construction	-CWSCO Specific Water Regulated	5,585,311.9	1/1/2024	12/31/2024	planning	\$	-

Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00123411	DOM Sta 279 Sta Rebuild - Design	-CWSCO Specific Water Regulated		1,896,164.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2026	128 00123415	DOM Sta 298 Sta Rebuild - Design	-CWSCO Specific Water Regulated		1,928,040.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123699	SLN 072-PT1 - Pressure Vessel Rehab	-CWSCO Specific Water Regulated		87,376.8	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	120-VIS	2025	120 00123703	VIS 052-PT1 - Pressure Vessel Rehab	-CWSCO Specific Water Regulated		87,376.8	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123707	SLN 303-PT1 - Pressure Vessel Rplcm	-CWSCO Specific Water Regulated		327,521.5	12/19/2023	12/18/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	119-STK	2024	119 00123781	STK 2023 Vehicle Replacement Progm	CWSCO Specific Water Regulated	Vehicle	376,926.0	1/1/2024	12/31/2024	in progress	\$	288,124.92
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00123811	SLN Las Lomas Intertie Design	-CWSCO Specific Water Regulated		109,552.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00123973	DOM 2023 Flowmeter Replacement	CWSCO Specific Water Regulated		103,110.7	3/9/2023	3/8/2024	complete	\$	97,898.50
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00124198	CH 2024 ADDITIONAL TRUCK	-CWSCO Specific Water Regulated	Vehicle	101,911.9	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00124297	BK 042-02 - Replace Pump & Motor	-CWSCO Specific Water Regulated		85,929.1	12/16/2023	12/15/2024	in progress	\$	183.30
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124429	HR 027 Sta Rebuild - Design	CWSCO Specific Water Regulated		281,542.3	1/1/2024	12/31/2024	in progress	\$	91,468.77
Authorized 2021 GRC Capital in progress	134-KRV	2026	134 00124433	KRV Arden 009 Sta Rebuild - Design	-CWSCO Specific Water Regulated		250,869.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	134-KRV	2026	134 00124508	KRV SM 005 Sta Rebuild - Design	-CWSCO Specific Water Regulated		500,874.1	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	111-LAS	2025	111 00124619	LAS Sta. 15 Redwood Tank Replace	-CWSCO Specific Water Regulated		865,780.1	12/31/2023	12/30/2024	in progress	\$	40,797.19
Authorized 2021 GRC Capital in progress	111-LAS	2026	111 00124621	LAS-115 Redwood Tank Replacement	-CWSCO Specific Water Regulated		825,395.0	12/31/2023	12/30/2024	in progress	\$	47,146.80
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00099381	Nitrification Mitigation	-CWSCO Specific Water Regulated		468,924.6	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	124-LL	2025	114 00116899	SLN-LL new Chromium treatment	-CWSCO Specific Water Regulated		1,595,334.8	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	110-LIV	2027	110 00123501	LIV New Well	-CWSCO Specific Water Regulated		3,849,935.1	1/1/2026	12/31/2026	planning	\$	-
Authorized 2021 GRC Capital in progress	125-Oak Hills	2025	114 00116901	SLN-OH new chromium 6 treatment	-CWSCO Specific Water Regulated		1,595,334.8	1/1/2025	12/31/2025	planning	\$	-
Authorized 2021 GRC Capital in progress	129-AV	2024	129 00115740	2019 - Vehicle Replacement Program	CWSCO Specific Water Regulated	Vehicle	69,326.3	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00124387	HR 29 SCADA Communications Relocate	CWSCO Specific Water Regulated		32,484.4	6/16/2023	6/15/2024	complete	\$	33,934.62
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00132954	LIV 34 - VFD INSTALLATION	CWSCO Non-Spec Water Regulated		87,201.9	1/1/2024	12/31/2024	in progress	\$	1,155.77
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00127148	PV Golf Club Recycled Water Line	CWSCO Non-Spec Water Regulated		2,691,042.0	1/1/2024	12/31/2024	in progress	\$	13,961.82
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00130235	Genentech Feasibility Study	CWSCO Non-Spec Water Regulated		42,501.8	1/1/2024	12/31/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	381-GO	2027	330 00131989	TIME TRACKING IMPROVEMENT PHASE 2	CWSCO Non-Spec Water Reg Equipment		353,922.5	2/29/2024	2/28/2025	in progress	\$	271,711.45
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00130571	REPLACE V206012	CWSCO Non-Spec Water Reg Equipment	Vehicle	217,535.5	1/1/2025	12/31/2025	in progress	\$	71,840.16
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00133323	BK Office Digital Signage	CWSCO Non-Spec Water Reg Equipment	Office	14,074.5	4/16/2023	4/15/2024	in progress	\$	-
Authorized 2021 GRC Capital in progress	376-GO	2024	330 00132895	Office Supplies - IT Field Techn	CWSCO Non-Spec Water Reg Equipment	Office	9,668.2	1/1/2024	12/31/2024	in progress	\$	250.79
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00133929	LIV SERVER ROOM UPS	CWSCO Non-Spec Water Reg Equipment	Office	4,254.1	10/2/2023	10/1/2024	complete	\$	4,552.88
Authorized 2021 GRC Capital in progress	151-RD	2024	151 00133305	RDOM Digital Signage Hardware	CWSCO Non-Spec Water Reg Equipment	Office	11,754.1	4/16/2023	4/15/2024	in progress	\$	7,631.15
Authorized 2021 GRC Capital in progress	152-BAY	2024	152 152MRP24	BAY 2024 Main Replacement Program	CWSCO Specific Water Regulated		9,694,536.1	1/1/2024	12/31/2024	in progress	\$	12,786,192.88
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00117486	383-393 E. Grand, 200' Equake pipe	CWSCO Non-Spec Water Regulated		1,370,315.6	5/2/2023	5/1/2024	complete	\$	1,662,668.82
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00103497	New Well Property North Garden #1	CWSCO Non-Spec Water Regulated		506,329.1	5/2/2023	5/1/2024	complete	\$	600,877.22
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00114151	LAS 9 Tank Mixing	CWSCO Non-Spec Water Regulated		1,017,728.3	5/2/2023	5/1/2024	in progress	\$	402,825.88
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00021521	TREAMENT WELL 219-02	CWSCO Non-Spec Water Regulated		219,915.6	12/31/2023	12/30/2024	complete	\$	260,595.12
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00122940	TAB Phys Security & Instrument Inst	CWSCO Non-Spec Water Regulated		742,616.0	2/16/2023	2/15/2024	complete	\$	871,207.46
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00122978	SSF-007 Control Valve	CWSCO Non-Spec Water Regulated		194,624.5	3/30/2023	3/29/2024	complete	\$	234,944.82
Authorized 2021 GRC Capital in progress	357-GO	2024	330 00119073	PowerPlan Budget Forecasting	CWSCO Non-Spec Water Reg Equipment	Office	259,692.9	5/1/2023	4/30/2024	in progress	\$	154,131.70
Authorized 2021 GRC Capital in progress	111-LAS	2027	111 00119986	Los Altos Field Office Upgrade	CWSCO Non-Spec Water Regulated		311,898.7	1/1/2024	12/31/2024	in progress	\$	393,163.81
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00120835	HR 23 - Abandon/replace vault	CWSCO Non-Spec Water Regulated		753,755.3	5/21/2023	5/20/2024	complete	\$	834,761.92
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00122824	Install Backup Generator BK 212	CWSCO Non-Spec Water Regulated		359,492.8	10/21/2025	10/20/2026	in progress	\$	20,183.30
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00122859	Install Backup Generator WLK 006	CWSCO Non-Spec Water Regulated		604,779.7	4/16/2023	4/15/2024	in progress	\$	494,946.38
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00122876	Install Backup Generator BG 017	CWSCO Non-Spec Water Regulated		338,928.3	4/2/2023	4/1/2024	in progress	\$	91,456.18
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 00122933	Install Backup Generator WLK Office	CWSCO Non-Spec Water Regulated		212,746.8	1/1/2024	12/31/2024	in progress	\$	72,032.98
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 00122976	SSF Hillside Blvd PRV	CWSCO Non-Spec Water Regulated		329,113.9	5/21/2023	5/20/2024	complete	\$	371,137.95
Authorized 2021 GRC Capital in progress	110-LIV	2026	110 00122993	LIV S Livermore/Concannon New Main	CWSCO Non-Spec Water Regulated		-	4/29/2025	4/30/2026	in progress	\$	209,506.19
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123008	PV Narcissa Drive New Main	CWSCO Non-Spec Water Regulated		480,351.9	4/2/2023	4/1/2024	in progress	\$	968,004.45
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00123009	PV 4" Main Replacement	CWSCO Non-Spec Water Regulated		4,678,481.0	7/1/2023	6/30/2024	complete	\$	6,480,443.99
Authorized 2021 GRC Capital in progress	110-LIV	2026	110 00123106	Purchase Land for Well in Zone 610	CWSCO Non-Spec Water Regulated		802,164.7	2/16/2025	2/17/2026	in progress	\$	147,766.93
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00123160	New Well-Livermore	CWSCO Non-Spec Water Regulated		3,588,504.2	1/1/2024	12/31/2024	in progress	\$	17,557.34
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00126268	BK 047-02 Pump Replacement	CWSCO Non-Spec Water Regulated		168,776.4	3/16/2023	3/15/2024	complete	\$	299,614.29
Authorized 2021 GRC Capital in progress	101-BK	2025	101 00126877	BK 220-01: Pump & Motor Replacement	CWSCO Non-Spec Water Regulated		244,725.7	1/1/2025	12/31/2025	complete	\$	289,197.07
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00127761	Rpl main canal @ shafter Rd	CWSCO Non-Spec Water Regulated		421,940.9	4/2/2023	4/1/2024	complete	\$	498,850.85
Authorized 2021 GRC Capital in progress	101-BK	2026	101 00128024	Install 8" tr flex @ Marella OverX	CWSCO Non-Spec Water Regulated		665,930.9	6/2/2023	6/1/2024	complete	\$	663,624.56
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00129528	E. California 21" main protection	CWSCO Non-Spec Water Regulated		204,083.0	5/24/2023	5/23/2024	complete	\$	164,440.82
Authorized 2021 GRC Capital in progress	108-HR	2024	108 00128198	HR-22-01 Media Vessel Repairs 2022	CWSCO Non-Spec Water Regulated		168,776.4	8/13/2023	8/12/2024	in progress	\$	130,187.39

Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00133967	Replace 6 Broken Valves @ Sepulveda	CWSCO Non-Spec Water Regulated		249,519.0	1/1/2024	12/31/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00128461	ELA 62 Carbon Changeout	CWSCO Non-Spec Water Regulated		181,434.6	1/4/2023	1/3/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 00128996	ELA 62-01 Carbon Changeout	CWSCO Non-Spec Water Regulated		244,886.5	4/2/2023	4/1/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	108-HR	2025	108 00133997	Replace Multiple Valves See Comment	CWSCO Non-Spec Water Regulated		311,341.8	5/24/2023	5/23/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 00129409	Notre Dame & El Camino, SC	CWSCO Non-Spec Water Regulated		253,164.6	6/29/2023	6/28/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00128971	Construct retaining wall/fence @ 22	CWSCO Non-Spec Water Regulated		249,215.2	6/2/2023	6/1/2024	planning	\$	-
Authorized 2021 GRC Capital in progress	101-BK	2024	101 00131316	BK PFAS Preliminary Desgin	CWSCO Non-Spec Water Regulated		689,260.4	2/2/2023	2/1/2024	in progress	\$	731,778.02
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00126005	BG STA 46 Wildfire Generator	CWSCO Non-Spec Water Regulated		272,573.8	1/1/2024	12/31/2024	in progress	\$	181,659.30
Authorized 2021 GRC Capital in progress	102-BG	2025	102 00126093	BG Skyline 06IN Relocate	CWSCO Non-Spec Water Regulated		4,131,756.1	3/30/2023	3/29/2024	complete	\$	6,220,849.85
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00126621	BG Palo Alto Interconnect	CWSCO Non-Spec Water Regulated		804,024.5	4/2/2023	4/1/2024	in progress	\$	94,160.74
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00129532	BG 40-A Pump Replacement	CWSCO Non-Spec Water Regulated		210,970.5	4/16/2023	4/15/2024	in progress	\$	75,605.11
Authorized 2021 GRC Capital in progress	102-BG	2024	102 00130460	BG STA 47 Wildfire Generator	CWSCO Non-Spec Water Regulated		252,085.0	1/1/2024	12/31/2024	in progress	\$	48,551.72
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00131319	CH PFAS Preliminary Design	CWSCO Non-Spec Water Regulated		374,253.1	6/2/2023	6/1/2024	in progress	\$	451,559.20
Authorized 2021 GRC Capital in progress	104-CH	2024	104 00133939	Relocate Portion of Main-Hwy 32	CWSCO Non-Spec Water Regulated		210,970.5	6/2/2023	6/1/2024	in progress	\$	29,265.28
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 00110117	INTERCONNECTION W/TORRANCE	CWSCO Non-Spec Water Regulated		-	7/1/2023	6/30/2024	in progress	\$	165,545.96
Authorized 2021 GRC Capital in progress	128-DOM	2025	128 00133875	Emergency Main Repair @ Marathon	CWSCO Non-Spec Water Regulated		310,839.9	1/1/2024	12/31/2024	complete	\$	630,234.80
Authorized 2021 GRC Capital in progress	386-GO	2024	330 00126076	Enterprise AMI Feasibility Study	CWSCO Non-Spec Water Regulated		265,822.8	1/2/2023	1/1/2024	complete	\$	275,774.84
Authorized 2021 GRC Capital in progress	347-ENGCPB	2027	330 00131496	MSPO Roadmap	CWSCO Non-Spec Water Regulated		206,751.1	1/16/2023	1/15/2024	complete	\$	245,000.00
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 00133734	LIV-10 GAC REPLACEMENT	CWSCO Non-Spec Water Regulated		168,776.4	1/1/2024	12/31/2024	in progress	\$	3,403.21
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 00130954	inst 8"pvc @ Richardson X Grant	CWSCO Non-Spec Water Regulated		219,341.8	10/1/2023	9/30/2024	in progress	\$	41,088.89
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00121588	Burma Road Pipeline	CWSCO Non-Spec Water Regulated		-	1/1/2024	12/31/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00121589	Olmsted Creek Pipe Crossing	CWSCO Non-Spec Water Regulated		506,329.1	1/1/2024	12/31/2024	in progress	\$	635,590.75
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00131846	main abandonment/service relocation	CWSCO Non-Spec Water Regulated		379,746.8	4/13/2023	4/12/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	122-PV	2024	122 00131953	Replace main @ Seaview Neighborhood	CWSCO Non-Spec Water Regulated		-	6/29/2023	6/28/2024	in progress	\$	188,987.71
Authorized 2021 GRC Capital in progress	122-PV	2025	122 00132022	PV 049-T2 Roof Replacement	CWSCO Non-Spec Water Regulated		1,856,540.1	2/1/2023	1/31/2024	complete	\$	2,398,867.10
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00121845	Land for New Well and Tank	CWSCO Non-Spec Water Regulated		302,291.5	5/16/2023	5/15/2024	in progress	\$	29,902.07
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00129416	Lot (land) for Ag industrail	CWSCO Non-Spec Water Regulated		675,105.5	12/2/2023	12/1/2024	in progress	\$	1,279.63
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00130698	Hwy 156 - 12" DI Relocation	CWSCO Non-Spec Water Regulated		662,447.3	3/18/2023	3/17/2024	in progress	\$	30,386.17
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 00131372	SLN 77 Booster Station Construction	CWSCO Non-Spec Water Regulated		1,905,309.7	6/2/2023	6/1/2024	in progress	\$	2,212,084.27
Authorized 2021 GRC Capital in progress	117-SEL	2026	117 00128063	SEL 12 - Property Purchase	CWSCO Non-Spec Water Regulated		212,032.1	7/1/2023	6/30/2024	in progress	\$	8,480.79
Authorized 2021 GRC Capital in progress	118-SSF	2025	152 00130599	SSF 008-T1 Roof Replacement	CWSCO Non-Spec Water Regulated		248,945.1	6/19/2023	6/18/2024	complete	\$	401,522.61
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 00127164	Material Storage Bunkers	CWSCO Non-Spec Water Regulated		548,523.2	5/24/2023	5/23/2024	in progress	\$	32,825.72
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 00122819	VIS 77 installing Generator	CWSCO Non-Spec Water Regulated		210,335.0	7/31/2023	7/30/2024	in progress	\$	93,571.58
Authorized 2021 GRC Capital in progress	392-GO	2024	330 00129198	BLDG A - OFFICE UPDATES	CWSCO Non-Spec Water Reg Equipment		189,873.4	6/16/2023	6/15/2024	complete	\$	210,122.74
Authorized 2021 GRC Capital in progress	393-GO	2024	330 00128946	Fiserv checkfree pay customer	CWSCO Non-Spec Water Reg Equipment	Office	-	7/1/2023	6/30/2024	cancelled	\$	-
Authorized 2021 GRC Capital in progress	381-GO	2025	330 00128042	GRC 2021 Rev Rec Project	CWSCO Non-Spec Water Reg Equipment	Office	379,146.9	8/14/2024	8/13/2025	complete	\$	211,205.76
Authorized 2021 GRC Capital in progress	101-BK	2024	101 101-NON-SP	101- Bakersfield Non-specific	-CWSCO Non-Specific Regulated		2,460,000.0	1/1/2024	12/31/2024	in progress	\$	4,284,117.00
Authorized 2021 GRC Capital in progress	102-BG	2024	102 102-NON-SP	102- Bear Gulch Non-specific	-CWSCO Non-Specific Regulated		1,517,800.0	1/1/2024	12/31/2024	in progress	\$	6,842,282.00
Authorized 2021 GRC Capital in progress	104-CH	2024	104 104-NON-SP	104- Chico Non-specific	-CWSCO Non-Specific Regulated		703,600.0	1/1/2024	12/31/2024	in progress	\$	988,759.00
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 105-NON-SP	105- Dixon Non-specific	-CWSCO Non-Specific Regulated		46,600.0	1/1/2024	12/31/2024	in progress	\$	36,279.00
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 106-NON-SP	106- East Los Angeles Non-specific	-CWSCO Non-Specific Regulated		658,100.0	1/1/2024	12/31/2024	in progress	\$	597,789.00
Authorized 2021 GRC Capital in progress	108-HR	2024	108 108-NON-SP	108- Hermosa Redondo Non-specific	-CWSCO Non-Specific Regulated		758,600.0	1/1/2024	12/31/2024	in progress	\$	912,507.00
Authorized 2021 GRC Capital in progress	109-KC	2024	109 109-NON-SP	109- King City Non-specific	-CWSCO Non-Specific Regulated		65,400.0	5/31/2023	5/30/2024	in progress	\$	124,330.00
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 110-NON-SP	110- Livermore Non-specific	-CWSCO Non-Specific Regulated		228,900.0	1/1/2024	12/31/2024	in progress	\$	1,073,889.00
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 111-NON-SP	111- Los Altos Suburban Non-specifi	-CWSCO Non-Specific Regulated		2,148,800.0	1/1/2024	12/31/2024	in progress	\$	774,395.00
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 112-NON-SP	112- Marysville Non-specific	-CWSCO Non-Specific Regulated		172,800.0	3/16/2023	3/15/2024	in progress	\$	1,327.00
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 113-NON-SP	113- Oroville Non-specific	-CWSCO Non-Specific Regulated		262,300.0	3/2/2023	3/1/2024	in progress	\$	517,404.00
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 114-NON-SP	114- Salinas Non-specific	-CWSCO Non-Specific Regulated		1,141,300.0	1/1/2024	12/31/2024	in progress	\$	2,979,556.00
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 116-NON-SP	116- Mid Peninsula Non-specific	-CWSCO Non-Specific Regulated		803,600.0	1/1/2024	12/31/2024	in progress	\$	(257,970.00)
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 117-NON-SP	117- Selma Non-specific	-CWSCO Non-Specific Regulated		135,900.0	3/16/2023	3/15/2024	in progress	\$	199,028.00
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 118-NON-SP	118- So. San Francisco Non-specific	-CWSCO Non-Specific Regulated		171,900.0	1/1/2024	12/31/2024	in progress	\$	1,052,066.00
Authorized 2021 GRC Capital in progress	119-STK	2024	119 119-NON-SP	119- Stockton Non-specific	-CWSCO Non-Specific Regulated		1,124,000.0	1/1/2024	12/31/2024	in progress	\$	749,087.00
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 120-NON-SP	120- Visalia Non-specific	-CWSCO Non-Specific Regulated		1,329,000.0	1/1/2024	12/31/2024	in progress	\$	556,818.00
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 121-NON-SP	121- Willows Non-specific	-CWSCO Non-Specific Regulated		93,600.0	3/2/2023	2/29/2024	in progress	\$	43,472.00
Authorized 2021 GRC Capital in progress	122-PV	2024	122 122-NON-SP	122- Palos Verdes Non-specific	-CWSCO Non-Specific Regulated		903,900.0	12/16/2023	12/15/2024	in progress	\$	9,770,688.00
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 123-NON-SP	123- Westlake Non-specific	-CWSCO Non-Specific Regulated		558,700.0	1/1/2024	12/31/2024	in progress	\$	1,018,499.00

Authorized 2021 GRC Capital in progress	128-DOM	2024	128 128-NON-SP	128- Dominguez Non-specific	-CWSCO Non-Specific Regulated	567,600.0	1/1/2024	12/31/2024	in progress	\$ 1,409,193.00
Authorized 2021 GRC Capital in progress	129-AV	2024	129 129-NON-SP	129- Antelope Valley Non-specific	-CWSCO Non-Specific Regulated	43,400.0	10/31/2023	10/30/2024	in progress	\$ 7,581.00
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 134-NON-SP	134- Kern River Valley Non-specific	-CWSCO Non-Specific Regulated	269,900.0	1/1/2024	12/31/2024	in progress	\$ 330,634.00
Authorized 2021 GRC Capital in progress	146-RDV	2024	146 146-NON-SP	146- Redwood Valley Non-specific	-CWSCO Non-Specific Regulated	337,000.0	2/16/2023	2/15/2024	in progress	\$ 577,149.00
Authorized 2021 GRC Capital in progress	151-RD	2024	151 151-NON-SP	151- Rancho Dom Reg Non-specific	-CWSCO Non-Specific Regulated	269,800.0	2/16/2023	2/15/2024	in progress	\$ 14,860.00
Authorized 2021 GRC Capital in progress	152-BAY	2024	152 152-NON-SP	152- Bayshore Non-specific	-CWSCO Non-Specific Regulated	126,000.0	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 157-NON-SP	157- Travis Non-Specific	-CWSCO Non-Specific Regulated	568,500.0	1/1/2024	12/31/2024	in progress	\$ 277,149.00
Authorized 2021 GRC Capital in progress	330-GO	2024	330 330-NON-SP	330- General Office Non-specific	-CWSCO Non-Specific Regulated	1,200,700.0	1/1/2024	12/31/2024	in progress	\$ 377,562.00
Authorized 2021 GRC Capital in progress	101-BK	2024	101 101UNSCH	BKD Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	8,187,318.5	1/1/2024	12/31/2024	in progress	\$ 8,749,953.00
Authorized 2021 GRC Capital in progress	102-BG	2024	102 102UNSCH	BGD Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	3,318,303.7	1/1/2024	12/31/2024	in progress	\$ 2,997,906.00
Authorized 2021 GRC Capital in progress	104-CH	2024	104 104UNSCH	CHD Unsheduled Replacement	CWSCO Main Replace Spcific (NON)	2,653,750.8	1/1/2024	12/31/2024	in progress	\$ 2,270,359.00
Authorized 2021 GRC Capital in progress	105-DIX	2024	105 105UNSCH	DIX Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	291,867.7	1/1/2024	12/31/2024	in progress	\$ (76,554.00)
Authorized 2021 GRC Capital in progress	106-ELA	2024	106 106UNSCH	ELA Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	2,012,917.1	1/1/2024	12/31/2024	in progress	\$ 2,631,628.00
Authorized 2021 GRC Capital in progress	108-HR	2024	108 108UNSCH	HRD Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	1,630,814.7	1/1/2024	12/31/2024	in progress	\$ 2,524,326.00
Authorized 2021 GRC Capital in progress	109-KC	2024	109 109UNSCH	KCD Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	371,774.4	1/1/2024	12/31/2024	in progress	\$ 123,181.00
Authorized 2021 GRC Capital in progress	110-LIV	2024	110 110UNSCH	LIV Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	1,239,169.6	1/1/2024	12/31/2024	in progress	\$ 1,201,478.00
Authorized 2021 GRC Capital in progress	111-LAS	2024	111 111UNSCH	LAS Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	2,723,648.6	1/1/2024	12/31/2024	in progress	\$ 1,683,786.00
Authorized 2021 GRC Capital in progress	112-MRL	2024	112 112UNSCH	MRL Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	274,794.6	1/1/2024	12/31/2024	in progress	\$ 166,985.00
Authorized 2021 GRC Capital in progress	113-ORO	2024	113 113UNSCH	ORO Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	795,806.2	1/1/2024	12/31/2024	in progress	\$ 838,486.00
Authorized 2021 GRC Capital in progress	114-SLN	2024	114 114UNSCH	SLN Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	3,994,437.4	1/1/2024	12/31/2024	in progress	\$ 3,366,334.00
Authorized 2021 GRC Capital in progress	116-MPS	2024	152 116UNSCH	MPS Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	2,811,397.3	1/1/2024	12/31/2024	in progress	\$ 2,915,840.00
Authorized 2021 GRC Capital in progress	117-SEL	2024	117 117UNSCH	SEL Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	791,082.7	1/1/2024	12/31/2024	in progress	\$ 1,351,031.00
Authorized 2021 GRC Capital in progress	118-SSF	2024	152 118UNSCH	SSF Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	659,583.4	1/1/2024	12/31/2024	in progress	\$ 271,702.00
Authorized 2021 GRC Capital in progress	119-STK	2024	119 119UNSCH	STK Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	3,474,404.0	1/1/2024	12/31/2024	in progress	\$ 2,923,438.00
Authorized 2021 GRC Capital in progress	120-VIS	2024	120 120UNSCH	VIS Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	4,807,142.8	1/1/2024	12/31/2024	in progress	\$ 7,103,601.00
Authorized 2021 GRC Capital in progress	121-WIL	2024	121 121UNSCH	WIL Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	287,232.8	1/1/2024	12/31/2024	in progress	\$ 100,245.00
Authorized 2021 GRC Capital in progress	122-PV	2024	122 122UNSCH	PVD Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	1,296,836.5	1/1/2024	12/31/2024	in progress	\$ 6,317,172.00
Authorized 2021 GRC Capital in progress	123-WLK	2024	123 123UNSCH	WLK Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	1,517,183.4	1/1/2024	12/31/2024	in progress	\$ 713,184.00
Authorized 2021 GRC Capital in progress	128-DOM	2024	128 128UNSCH	DOM Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	1,871,309.1	1/1/2024	12/31/2024	in progress	\$ 4,135,410.00
Authorized 2021 GRC Capital in progress	129-AV	2024	129 129UNSCH	AVD Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	79.5	1/1/2024	12/31/2024	in progress	\$ -
Authorized 2021 GRC Capital in progress	134-KRV	2024	134 134UNSCH	KRV Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	94,722.4	1/1/2024	12/31/2024	in progress	\$ 135,156.00
Authorized 2021 GRC Capital in progress	146-RDV	2024	146 146UNSCH	RDV Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	220,427.8	1/1/2024	12/31/2024	in progress	\$ 26,010.00
Authorized 2021 GRC Capital in progress	147-LUC	2024	147 147UNSCH	LUC Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	97,040.1	1/1/2024	12/31/2024	in progress	\$ 8,180.00
Authorized 2021 GRC Capital in progress	157-TAB	2024	157 157UNSCH	TAB Unscheduled Replacements	CWSCO Main Replace Spcific (NON)	81,012.3	1/1/2024	12/31/2024	in progress	\$ (59,331.00)

LIST OF ATTACHMENTS FOR CHAPTER 3

	Attachment #	Description
1	Attachment 3-1 CONFIDENTIAL	[SIH-002 Attachment 4 Question 1c Fleet Strategic Plan_Mercury
2	Attachment 3-2	CWS Response DR SIH 002 (Vehicle Replacement) Attachment 1 Question 1.a., Cal Water ORCA Results Slide 1
3	Attachment 3-3	Vehicle Replacement Calculation
4	Attachment 3-4	CWS Programmatic Budgets
5	Attachment 3-5	CWS Response DR SIH 001 (Non-Specific Budget)

**ATTACHMENT 3-1:
[SIH-002 Attachment 4 Question 1c Fleet Strategic
Plan_Mercury]**

[CONFIDENTIAL]

**ATTACHMENT 3-2:
CWS Response to DR SIH 002 (Vehicle Replacement)
Attachment 1, Question 1.a. Cal Water ORCA Results
Slide 1**



RESPONSE TO DATA REQUEST

2024 GENERAL RATE CASE, A.24-07-003

To: **Public Advocates Office**

Edward Scher (415) 815-7027
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Sari Ibrahim (213) 266-4737
Utilities Engineer Sari.ibrahim@cpuc.ca.gov

From: **California Water Service**
<mailto:2024GRCDataRequest@calwater.com>

Natalie D. Wales (408) 367-8566
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General Rate Case Manager palexander@calwater.com

Melody Singh (916) 329-1856
Manager, Revenue msingh@calwater.com

Date: October 10, 2024	Request Received from CPUC: October 3, 2024
Re: SIH-002	Requested Due Date: October 10, 2024
Subj: Vehicle Replacement Program	
Comments: <ul style="list-style-type: none"> • Full response attached. • Response provided by Engineering. • Supporting document contains Category 3 confidential information. • Document containing confidential information includes “CONFIDENTIAL” in the file name. • This response refers to the following attachments included separately: <ul style="list-style-type: none"> ○ Attachment #1 – Cal Water- ORCA Results 	



ATT. 1

CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 002 Response (2024 GRC, A.24-07-003) –Page 2

Automatic Mee

- **Attachment #2 - MAI-CW EV_AFV Plan Workbook**
- **Attachment #3 - Cal Water Fleet Strategic Plan Data**
- **Attachment #4 – Fleet Strategic Plan_Mercury (CONFIDENTIAL)**
- **Attachment #5 - CW_VEHICLES_INVENTORY_2019-2023**



Data Requests and Responses

Vehicle Replacement Program (All Regions):

Please refer to Capital Project Justification Book “Common Plant Overview_2024_Final,” specifically to “Vehicle Replacement Program” on page COMMON PLANT PJ – 167.

1. Cal Water states that it “worked with a consultant to develop an Optimal Replacement Cycle Analysis (ORCA) to evaluate life cycle costs and provide the optimal year and mileage for replacement.”¹

- a. Please provide all analysis performed by Cal Water and third parties and the results of that analysis related to the OCRA.

Response: Please see SIH-002 Attachment 1 Question 1.a. Cal Water- ORCA Results and SIH-002 Attachment 2 Question 1.a. MAI-CW EV_AFV Plan Workbook.

- b. Please provide all data used to perform the analysis.

Response: Please see SIH-002 Attachment 3 Question 1.b. Cal Water Fleet Strategic Plan Project Data.

- c. Please provide all contracts and solicitations for work between Cal Water and any third parties used to develop ORCA or other components of the vehicle replacement program.

Response: Please see CONFIDENTIAL_SIH-002 Attachment 4 Question 1.c. Fleet Strategic Plan_Mercury.

¹ *Capital Project Justification Common Plant Issues*, p. 167.



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 002 Response (2024 GRC, A.24-07-003) –Page 4

2. Please provide an inventory of all of Cal Water’s vehicles, including the year obtained, vehicle type, and mileage at year end for 2019, 2020, 2021, 2022, and 2023. Please provide the information in an Excel workbook format.

Response: Please see SIH-002 Attachment 5 Question 2 CW_Vehicles_Inventory_2019-2023.

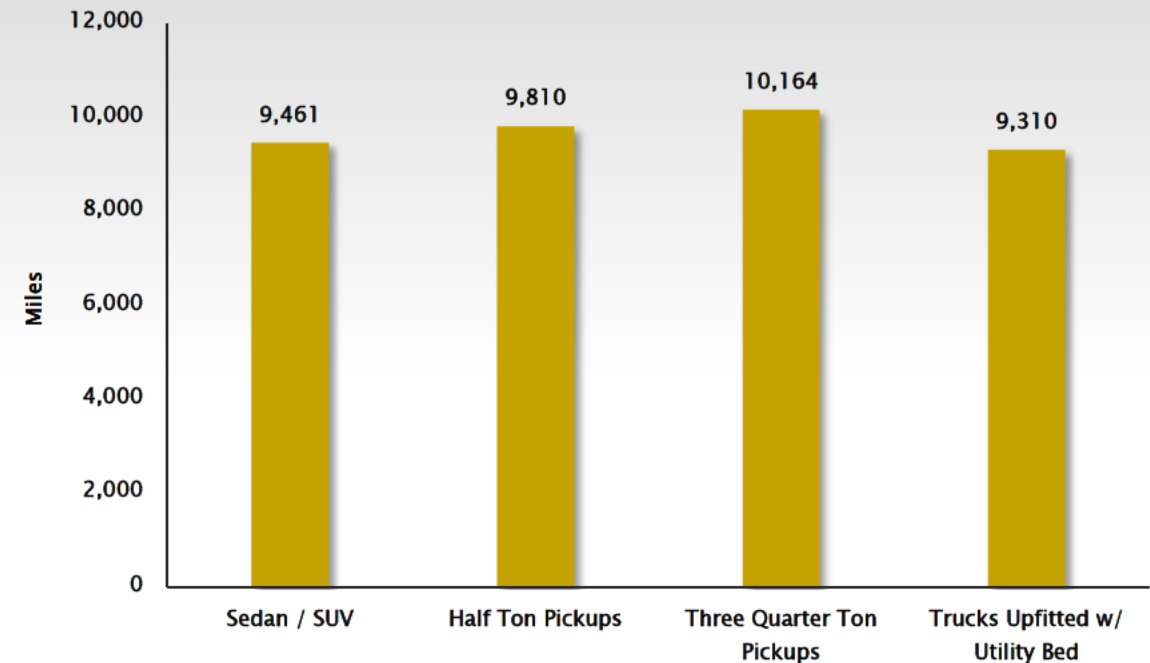
Optimal Replacement Cycle Analysis



Asset Type	# of Units	Average Age	De facto Replacement Cycle (years)	Optimal Replacement Cycle (years)	Change in Cycle (years)	Current Equivalent Annual Cost (EAC)	Optimal Equivalent Annual Cost (EAC)	Cost Savings Per Vehicle	Cost Savings Per Vehicle %	Total Annual Cost Savings
Sedan/SUVs Gas Only	92	6.3	12.6	11.0	-2	\$7,081.00	\$7,011.00	\$70.00	1.0%	\$6,440.00
Half Ton Pickups	323	8.2	16.4	7.0	-9	\$10,261.00	\$9,106.00	\$1,155.00	11.3%	\$373,065.00
Three Quarter Ton Pickups	108	7.5	15.0	7.0	-8	\$11,022.00	\$10,186.00	\$836.00	7.6%	\$90,288.00
Trucks Upfitted w/ Utility Beds	92	6.9	13.8	8.0	-6	\$15,509.00	\$14,666.00	\$843.00	5.4%	\$77,556.00
Total	615	7.4	14.8	9.4	-5.4	\$10,968.25	\$10,242.25	\$726.00	6.62%	\$547,349.00

Average Annual Miles by Asset Type

Vehicle Segment	Current Cycle		Optimal Cycle		CDGS Rec. Cycle	
	Years	Miles	Years	Miles	Years	Miles
Sedan / SUV	13	122,990	11	104,069	6	65,000
Half Ton Pickups	16	156,964	7	68,672	5	65,000
Three Quarter Ton Pickups	15	152,456	7	71,146	6	70,000
Trucks Upfitted w/ Utility Bed	14	130,342	8	74,481	6	70,000



Approval Needed:

1. Does CWS agree with proposed optimal replacement cycles?



**ATTACHMENT 3-3:
Vehicle Replacement Calculation**

File Added Ver Number Volume 0 2019

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42711898 10813400000000000000 5218000 10728

92912000 48012481910000000000 6447511 36889

78012000 10764600000000000000 7308381 85340

12812000 38761280000000000000 6445581 23847

22712000 30813400000000000000 6776417 44887

10012000 10010100000000000000 7190800 2576

12012000 00042700000000000000 5031016 400

12012000 00042700000000000000 7020815 128

12012000 10764600000000000000 6030906 14084

50912000 10764600000000000000 7147926 14084

60112000 10764600000000000000 7147926 14084

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**ATTACHMENT 3-4:
CWS Programmatic Budgets**

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley	\$ 585,543.14	\$ 600,181.80	\$ 615,171.61	\$ 1,800,896.55
Bakersfield	\$ 17,652,262.68	\$ 18,093,569.50	\$ 18,545,467.31	\$ 54,291,299.49
Bayshore	\$ 26,530,318.68	\$ 27,193,576.80	\$ 27,872,752.92	\$ 81,596,648.40
Bear Gulch	\$ 14,567,401.24	\$ 14,931,586.36	\$ 14,931,231.15	\$ 44,430,218.75
Chico	\$ 8,355,484.70	\$ 8,564,371.82	\$ 8,778,272.19	\$ 25,698,128.71
Dixon	\$ 1,012,922.84	\$ 1,038,245.84	\$ 1,064,176.76	\$ 3,115,345.44
Dominguez	\$ 9,730,723.32	\$ 9,973,991.52	\$ 10,223,097.96	\$ 29,927,812.80
East Los Angeles	\$ 6,681,004.05	\$ 6,848,029.18	\$ 7,019,062.79	\$ 20,548,096.02
Hermosa Redondo	\$ 6,507,330.09	\$ 6,670,013.48	\$ 6,836,601.09	\$ 20,013,944.66
King City	\$ 987,351.48	\$ 1,012,035.36	\$ 1,037,311.56	\$ 3,036,698.40
Livermore	\$ 6,173,332.30	\$ 6,327,665.62	\$ 6,485,702.97	\$ 18,986,700.89
Los Altos	\$ 7,595,458.21	\$ 11,024,423.87	\$ 11,299,765.55	\$ 29,919,647.63
Marysville	\$ 993,519.76	\$ 1,018,357.61		\$ 2,011,877.37
Oroville	\$ 1,090,862.24	\$ 1,118,133.91	\$ 1,146,059.95	\$ 3,355,056.10
Palos Verdes	\$ 7,843,042.32	\$ 12,863,319.56	\$ 13,184,588.83	\$ 33,890,950.71
Redwood Valley	\$ 1,101,072.40	\$ 1,128,599.20	\$ 1,156,786.60	\$ 3,386,458.20
Salinas	\$ 6,463,990.58	\$ 6,625,590.27	\$ 6,791,068.47	\$ 19,880,649.32
Selma	\$ 1,262,150.06	\$ 1,293,703.83	\$ 1,326,014.90	\$ 3,881,868.79
Stockton	\$ 20,405,790.06	\$ 20,915,934.79	\$ 19,422,524.83	\$ 60,744,249.68
Visalia	\$ 9,400,336.81	\$ 9,635,345.29	\$ 9,875,993.78	\$ 28,911,675.88
Westlake	\$ 2,047,719.12	\$ 2,098,912.20	\$ 2,151,333.72	\$ 6,297,965.04
Willows	\$ 840,008.60	\$ 861,008.73	\$ 882,512.96	\$ 2,583,530.29
Total	\$ 157,827,624.68	\$ 169,836,596.54	\$ 170,645,497.90	\$ 498,309,719.12

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley			\$ 219,663.38	\$ 219,663.38
Bayshore	\$ 2,097,377.02		\$ 13,485,590.70	\$ 15,582,967.72
Bear Gulch	\$ 559,956.80		\$ 5,109,121.36	\$ 5,669,078.16
CSS		\$ 1,537,614.52		\$ 1,537,614.52
Los Altos	\$ 474,131.98		\$ 4,939,695.02	\$ 5,413,827.00
Palos Verdes			\$ 6,281,129.21	\$ 6,281,129.21
RDOM	\$ 559,956.80			\$ 559,956.80
Redwood Valley			\$ 497,499.31	\$ 497,499.31
West Lake	\$ 302,482.26		\$ 2,188,453.00	\$ 2,490,935.26
Total	\$ 3,993,904.86	\$ 1,537,614.52	\$ 32,721,151.98	\$ 38,252,671.36

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bakersfield		\$ 972,844.14		\$ 972,844.14
Bayshore		\$ 622,139.33		\$ 622,139.33
Chico	\$ 239,204.97	\$ 316,417.37	\$ 327,500.92	\$ 883,123.26
Dominguez			\$ 206,945.73	\$ 206,945.73
East Los Angeles	\$ 207,576.08	\$ 201,902.97	\$ 206,956.08	\$ 616,435.13
Hermosa Redondo		\$ 273,678.91	\$ 281,005.08	\$ 554,683.99
Kern River Valley	\$ 281,472.79	\$ 288,607.15	\$ 295,742.53	\$ 865,822.47
Livermore	\$ 278,348.51	\$ 281,612.15		\$ 559,960.66
Marysville		\$ 210,075.17		\$ 210,075.17
Palos Verdes		\$ 121,222.22	\$ 206,971.68	\$ 328,193.90
Redwood Valley		\$ 223,069.39	\$ 107,120.02	\$ 330,189.41
Stockton	\$ 245,144.13	\$ 256,748.89	\$ 256,519.66	\$ 758,412.68
Total	\$ 1,251,746.48	\$ 3,647,095.47	\$ 1,888,761.70	\$ 6,908,825.87

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley	\$ 183,973.88			\$ 183,973.88
Bakersfield	\$ 292,258.42	\$ 506,147.21	\$ 1,698,022.32	\$ 2,496,427.95
Bayshore	\$ 85,824.86	\$ 161,377.60	\$ 726,767.43	\$ 973,969.89
Bear Gulch	\$ 392,233.40	\$ 87,970.34	\$ 438,115.73	\$ 918,319.47
Chico	\$ 333,575.32	\$ 351,881.84	\$ 654,768.98	\$ 1,340,226.14
CSS	\$ 21,680.62	\$ 396,589.05	\$ 567,042.99	\$ 985,312.66
Dixon			\$ 208,149.17	\$ 208,149.17
East Los Angeles	\$ 190,186.05	\$ 717,268.97	\$ 1,217,556.89	\$ 2,125,011.91
Kern River Valley		\$ 87,970.34		\$ 87,970.34
King City		\$ 77,132.67	\$ 90,167.55	\$ 167,300.22
Livermore	\$ 390,869.76	\$ 150,539.92	\$ 300,849.49	\$ 842,259.17
Los Altos		\$ 77,132.67	\$ 386,565.88	\$ 463,698.55
Marysville	\$ 188,577.40	\$ 71,625.40	\$ 39,369.00	\$ 299,571.80
Oroville	\$ 171,649.60	\$ 87,970.34	\$ 180,335.18	\$ 439,955.12
Rancho Dominguez	\$ 1,193,754.78	\$ 1,142,057.99	\$ 1,228,607.89	\$ 3,564,420.66
Redwood Valley			\$ 143,251.00	\$ 143,251.00
Salinas	\$ 549,914.31	\$ 71,859.52	\$ 366,922.71	\$ 988,696.54
Selma	\$ 157,441.60			\$ 157,441.60
Stockton	\$ 263,069.08	\$ 590,633.42	\$ 386,565.88	\$ 1,240,268.38
Visalia	\$ 547,345.08	\$ 351,881.84	\$ 374,577.21	\$ 1,273,804.13
Westlake			\$ 180,335.18	\$ 180,335.18
Willows			\$ 45,760.00	\$ 45,760.00
Total	\$ 4,962,354.16	\$ 4,930,039.12	\$ 9,233,730.48	\$ 19,126,123.76

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bayshore	\$ 72,808.32	\$ 74,628.48	\$ 76,492.32	\$ 223,929.12
Bear Gulch		\$ 21,160.80	\$ 21,689.28	\$ 42,850.08
Chico	\$ 34,670.64	\$ 35,537.40	\$ 36,425.04	\$ 106,633.08
Dominguez	\$ 65,874.12	\$ 67,521.00	\$ 69,207.36	\$ 202,602.48
East Los Angeles	\$ 32,937.00	\$ 33,760.56	\$ 34,603.80	\$ 101,301.36
Hermosa				
Redondo	\$ 32,937.00	\$ 33,760.56	\$ 34,603.80	\$ 101,301.36
King City	\$ 17,335.32	\$ 17,768.64	\$ 18,212.40	\$ 53,316.36
Livermore	\$ 17,335.32	\$ 17,768.64	\$ 18,212.40	\$ 53,316.36
Los Altos	\$ 36,404.16	\$ 37,314.24	\$ 38,246.16	\$ 111,964.56
Maryville			\$ 18,212.40	\$ 18,212.40
Oroville	\$ 17,335.32	\$ 17,768.64	\$ 18,212.40	\$ 53,316.36
Palos Verdes	\$ 16,468.56	\$ 16,880.16	\$ 17,301.72	\$ 50,650.44
Salinas	\$ 34,670.64	\$ 35,537.40	\$ 36,425.04	\$ 106,633.08
Stockton	\$ 69,341.16	\$ 71,074.80	\$ 72,849.84	\$ 213,265.80
Westlake	\$ 32,937.00	\$ 33,760.56	\$ 34,603.80	\$ 101,301.36
Total	\$ 481,054.56	\$ 514,241.88	\$ 545,297.76	\$ 1,540,594.20

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bakersfield	\$ 79,517.72			\$ 79,517.72
Bayshore	\$ 111,638.85	\$ 336,061.55	\$ 182,427.10	\$ 630,127.50
Chico		\$ 144,345.35		\$ 144,345.35
Dixon		\$ 138,130.62		\$ 138,130.62
Dominguez		\$ 306,234.07		\$ 306,234.07
East Los Angeles	\$ 176,548.39	\$ 65,612.01	\$ 520,984.43	\$ 763,144.83
Kern River Valley	\$ 253,000.80	\$ 150,713.14	\$ 250,915.62	\$ 654,629.56
King City	\$ 67,380.64	\$ 140,934.85	\$ 136,941.69	\$ 345,257.18
Livermore	\$ 277,382.86	\$ 426,345.51	\$ 250,624.07	\$ 954,352.44
Los Altos	\$ 166,024.97	\$ 346,844.02	\$ 239,395.96	\$ 752,264.95
Marysville			\$ 133,604.73	\$ 133,604.73
Oroville		\$ 69,065.31		\$ 69,065.31
Redwood Valley			\$ 47,001.90	\$ 47,001.90
Salinas	\$ 371,046.18	\$ 426,716.46	\$ 220,483.11	\$ 1,018,245.75
Stockton	\$ 281,649.14			\$ 281,649.14
Visalia	\$ 120,140.66	\$ 133,604.73	\$ 248,241.32	\$ 501,986.71
Willows		\$ 70,775.75		\$ 70,775.75
Total	\$ 1,904,330.21	\$ 2,755,383.37	\$ 2,230,619.93	\$ 6,890,333.51

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley		\$ 6,621.27		\$ 6,621.27
Bayshore		\$ 3,884,747.89	\$ 1,232,472.77	\$ 5,117,220.66
Bear Gulch	\$ 1,104,720.61		\$ 305,921.48	\$ 1,410,642.09
Chico	\$ 818,955.49			\$ 818,955.49
East Los Angeles	\$ 34,544.05	\$ 178,261.82	\$ 1,162,385.20	\$ 1,375,191.07
King City		\$ 250,887.81	\$ 24,931.43	\$ 275,819.24
Livermore	\$ 49,224.09	\$ 1,319,796.47		\$ 1,369,020.56
Los Altos		\$ 1,620,985.28		\$ 1,620,985.28
Redwood Valley	\$ 476,110.78	\$ 333,610.25	\$ 246,572.87	\$ 1,056,293.90
Salinas	\$ 105,877.73	\$ 641,976.26	\$ 306,319.38	\$ 1,054,173.37
Selma	\$ 597,507.80			\$ 597,507.80
Stockton	\$ 559,852.51			\$ 559,852.51
Willows	\$ 316,221.43			\$ 316,221.43
Total	\$ 4,063,014.49	\$ 8,236,887.05	\$ 3,278,603.13	\$ 15,578,504.67

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley	\$ 13,272.55	\$ 16,598.78		\$ 29,871.33
Bakersfield		\$ 118,870.95		\$ 118,870.95
Bear Gulch		\$ 35,534.16		\$ 35,534.16
Chico	\$ 37,953.58			\$ 37,953.58
Dominguez	\$ 45,992.55	\$ 81,427.46		\$ 127,420.01
East Los Angeles	\$ 26,167.85			\$ 26,167.85
Hermosa Redondo	\$ 15,153.02		\$ 74,275.01	\$ 89,428.03
Kern River Valley		\$ 16,435.65	\$ 71,138.65	\$ 87,574.30
Livermore		\$ 27,832.81		\$ 27,832.81
Oroville		\$ 32,363.10		\$ 32,363.10
Redwood Valley	\$ 17,836.67	\$ 16,441.64	\$ 17,520.20	\$ 51,798.51
Selma		\$ 23,120.90		\$ 23,120.90
Stockton	\$ 29,871.60			\$ 29,871.60
Visalia	\$ 16,461.65			\$ 16,461.65
Total	\$202,709.47	\$ 368,625.45	\$ 162,933.86	\$ 734,268.78

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bakersfield	\$ 693,441.14	\$ 765,549.22	\$ 784,669.31	\$ 2,243,659.67
Bayshore	\$ 998,455.80	\$ 1,023,417.25	\$ 1,029,328.80	\$ 3,051,201.85
Bear Gulch	\$ 467,565.21	\$ 479,254.43	\$ 491,224.19	\$ 1,438,043.83
Chico	\$ 204,431.15	\$ 191,284.76	\$ 196,062.07	\$ 591,777.98
Dominguez	\$ 84,606.96	\$ 88,888.18	\$ 88,888.18	\$ 262,383.32
East Los Angeles	\$ 177,383.33	\$ 181,818.43	\$ 186,358.83	\$ 545,560.59
Hermosa Redondo	\$ 295,742.81	\$ 363,635.88	\$ 213,331.81	\$ 872,710.50
Kern River Valley	\$ 498,736.54	\$ 482,875.43		\$ 981,611.97
King City		\$ 136,512.46		\$ 136,512.46
Livermore	\$ 106,871.94	\$ 109,544.07	\$ 93,566.42	\$ 309,982.43
Los Altos	\$ 299,241.94	\$ 306,722.86	\$ 314,383.30	\$ 920,348.10
Marysville		\$ 81,843.48		\$ 81,843.48
Oroville	\$ 243,040.98	\$ 146,058.64	\$ 187,495.48	\$ 576,595.10
Palos Verdes	\$ 3,286,593.77	\$ 3,300,788.76	\$ 3,435,118.27	\$ 10,022,500.80
Redwood Valley		\$ 85,828.34		\$ 85,828.34
Salinas	\$ 249,368.27	\$ 255,602.28	\$ 261,986.15	\$ 766,956.70
Stockton		\$ 154,770.41		\$ 154,770.41
Westlake		\$ 173,444.42		\$ 173,444.42
Total	\$ 7,605,479.84	\$ 8,327,839.30	\$ 7,282,412.81	\$ 23,215,731.95

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bakersfield		\$ 73,878.66	\$ 21,126.48	\$ 95,005.14
Bayshore	\$ 8,445.72			\$ 8,445.72
Bear Gulch	\$ 1,407.49			\$ 1,407.49
Chico	\$ 49,602.16			\$ 49,602.16
Dixon		\$ 1,380.32		\$ 1,380.32
Dominguez		\$ 5,221.53	\$ 24,424.94	\$ 29,646.47
East Los Angeles	\$ 7,641.36	\$ 7,832.52	\$ 6,690.05	\$ 22,163.93
Hermosa Redondo	\$ 7,641.36	\$ 6,526.97		\$ 14,168.33
Kern River Valley	\$ 82,500.00	\$ 47,956.49	\$ 33,510.96	\$ 163,967.45
Livermore	\$ 20,147.10	\$ 28,281.85	\$ 32,102.48	\$ 80,531.43
Marysville	\$ 11,905.92	\$ 13,577.68	\$ 22,146.49	\$ 47,630.09
Oroville	\$ 4,021.80	\$ 4,014.57	\$ 1,408.36	\$ 9,444.73
Stockton	\$ 26,180.96	\$ 15,007.48	\$ 15,382.26	\$ 56,570.70
Willows	\$ 15,026.28	\$ 10,829.48	\$ 12,047.01	\$ 37,902.77
Westlake	\$ 6,367.84	\$ 6,526.97	\$ 19,545.33	\$ 32,440.14
Total	\$ 240,887.99	\$ 221,034.52	\$ 188,384.36	\$ 650,306.87

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley	\$ 9,813.08	\$ 10,058.41		\$ 19,871.49
Bakersfield	\$ 558,054.48	\$ 572,005.84	\$ 586,305.99	\$ 1,716,366.31
Bayshore	\$ 639,414.37	\$ 655,399.73		\$ 1,294,814.10
Bear Gulch	\$ 300,718.24	\$ 308,236.19		\$ 608,954.43
Chico	\$ 251,733.04	\$ 258,026.36	\$ 264,477.02	\$ 774,236.42
Dixon	\$ 19,316.22	\$ 19,799.12	\$ 20,294.10	\$ 59,409.44
Dominguez	\$ 875,883.09	\$ 897,780.16	\$ 920,224.67	\$ 2,693,887.91
East Los Angeles	\$ 246,160.84	\$ 252,314.86	\$ 258,622.73	\$ 757,098.43
Hermosa Redondo	\$ 498,409.30	\$ 510,869.54	\$ 523,641.27	\$ 1,532,920.11
Kern River Valley	\$ 13,925.03	\$ 14,273.16	\$ 14,629.99	\$ 42,828.18
King City	\$ 19,180.75	\$ 19,660.27	\$ 20,151.77	\$ 58,992.79
Livermore	\$ 197,154.78	\$ 202,083.65	\$ 207,135.74	\$ 606,374.16
Los Altos	\$ 274,002.07	\$ 280,852.12		\$ 554,854.20
Marysville	\$ 23,628.30	\$ 24,219.01	\$ 24,824.48	\$ 72,671.78
Oroville	\$ 46,755.84	\$ 47,924.74	\$ 49,122.86	\$ 143,803.44
Palos Verdes	\$ 463,623.94	\$ 475,214.54		\$ 938,838.48
Salinas	\$ 273,679.31	\$ 280,521.29	\$ 287,534.33	\$ 841,734.93
Selma	\$ 55,689.70	\$ 57,081.94	\$ 58,508.99	\$ 171,280.64
Stockton	\$ 325,999.49	\$ 334,149.48	\$ 342,503.22	\$ 1,002,652.18
Visalia	\$ 409,239.11	\$ 419,470.09	\$ 429,956.84	\$ 1,258,666.03
Westlake	\$ 110,437.00	\$ 113,197.92		\$ 223,634.92
Willows	\$ 26,390.36	\$ 27,050.11	\$ 27,726.37	\$ 81,166.84
Total	\$ 5,639,208.33	\$ 5,780,188.54	\$ 4,035,660.36	\$ 15,455,057.23

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Dominguez	\$ 51,900.81			\$ 51,900.81
East Los Angeles	\$ 12,975.21			\$ 12,975.21
Hermosa Redondo	\$ 14,272.73			\$ 14,272.73
Kern River Valley	\$ 232,188.08			\$ 232,188.08
King City	\$ 30,047.92	\$ 30,799.11	\$ 30,133.33	\$ 90,980.36
Livermore	\$ 90,143.64	\$ 92,397.24	\$ 63,136.54	\$ 245,677.42
Palos Verdes	\$ 42,818.16			\$ 42,818.16
Redwood Valley	\$ 14,340.97			\$ 14,340.97
Salinas	\$ 105,167.60	\$ 107,796.80	\$ 94,704.84	\$ 307,669.24
Visalia	\$ 12,975.21			\$ 12,975.21
Total	\$ 606,830.33	\$ 230,993.15	\$ 187,974.71	\$ 1,025,798.19

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bayshore	\$ 2,083,328.82			\$ 2,083,328.82
Bear Gulch	\$ 2,361,927.78			\$ 2,361,927.78
Chico	\$ 4,059,230.41			\$ 4,059,230.41
Dominguez			\$ 1,383,701.14	\$ 1,383,701.14
Kern River Valley	\$ 2,198,188.42			\$ 2,198,188.42
Los Altos	\$ 5,737,409.39			\$ 5,737,409.39
Livermore			\$ 1,577,199.74	\$ 1,577,199.74
Marysville	\$ 862,210.29			\$ 862,210.29
Salinas	\$ 2,675,806.30			\$ 2,675,806.30
Stockton		\$ 2,394,766.77		\$ 2,394,766.77
Westlake	\$ 2,242,943.61			\$ 2,242,943.61
Total	\$ 22,221,045.02	\$ 2,394,766.77	\$ 2,960,900.88	\$ 27,576,712.67

Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Bakersfield		\$ 2,307,426.75		\$ 2,307,426.75
Chico		\$ 1,413,512.48		\$ 1,413,512.48
Dominguez		\$ 1,438,676.40		\$ 1,438,676.40
Salinas		\$ 2,155,255.23		\$ 2,155,255.23
Westlake		\$ 932,583.91		\$ 932,583.91
Total	\$ -	\$ 8,247,454.77	\$ -	\$ 8,247,454.77

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Attachments

Attachment A – Breakdown per District

District	Total Annual Cost			District Total Cost
	2025	2026	2027	2025-2027
Antelope Valley		\$ 123,086.99		\$ 123,086.99
Bakersfield		\$ 1,018,793.02	\$ 831,066.72	\$ 1,849,859.74
Bayshore	\$ 909,051.63	\$ 877,505.87	\$ 706,174.98	\$ 2,492,732.48
Bear Gulch	\$ 143,717.16	\$ 189,775.90	\$ 246,362.66	\$ 579,855.72
Chico	\$ 86,618.85	\$ 265,855.92	\$ 673,828.88	\$ 1,026,303.65
Dixon	\$ 86,071.59	\$ 131,356.08	\$ 44,774.02	\$ 262,201.69
Dominguez	\$ 520,226.56	\$ 470,892.00	\$ 538,268.21	\$ 1,529,386.77
East Los Angeles	\$ 275,844.18	\$ 246,065.25	\$ 364,499.99	\$ 886,409.42
Hermosa Redondo	\$ 351,896.01	\$ 78,297.90	\$ 149,460.89	\$ 579,654.80
Kern River Valley	\$ 148,799.71	\$ 405,734.48	\$ 376,139.85	\$ 930,674.04
King City	\$ 158,504.18	\$ 101,549.76	\$ 49,266.28	\$ 309,320.22
Livermore	\$ 331,634.28	\$ 128,108.13		\$ 459,742.41
Los Altos	\$ 376,997.07	\$ 267,392.06		\$ 644,389.13
Oroville		\$ 156,913.32		\$ 156,913.32
Palos Verdes		\$ 462,391.21	\$ 503,461.97	\$ 965,853.18
Salinas		\$ 709,485.59		\$ 709,485.59
Selma	\$ 100,227.56	\$ 94,802.84		\$ 195,030.40
Stockton		\$ 568,932.52		\$ 568,932.52
Visalia	\$ 282,040.96	\$ 411,373.17	\$ 442,014.64	\$ 1,135,428.77
Westlake	\$ 75,188.01	\$ 81,946.78	\$ 75,639.51	\$ 232,774.30
Total	\$3,846,817.75	\$ 6,790,258.79	\$ 5,000,958.60	\$ 15,638,035.14

**ATTACHMENT 3-5:
CWS Response DR SIH 001 (Non-Specific Budget)**



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 001 Response (2024 GRC, A.24-07-003) –Page 1

RESPONSE TO DATA REQUEST

2024 GENERAL RATE CASE, A.24-07-003

To: **Public Advocates Office**

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From: **California Water Service**

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Melody Singh (916) 329-1856
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Date: October 10, 2024 [7 days] Re: SIH 001 Subj: Non-Specific Budget	Request Received from CPUC: October 3, 2024 Requested Due Date: October 10, 2024 [7 days] Extension Requested to: October 15, 2024
Comments: <ul style="list-style-type: none"> • Full response attached. • Response provided by Engineering. • Does not contain confidential information. • This response refers to the following attachments included separately: <ul style="list-style-type: none"> ○ Attachment #1 – Examples of Repeat Leaks ○ Attachment #2 – Costs Incurred for Drought and Emerging Contaminant Treatment ○ Attachment #3 – Non-Specific and Unscheduled Figure 1 Data 	



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 001 Response (2024 GRC, A.24-07-003) –Page 2

- **Attachment #4 – Non-Specific Data Table 1**
- **Attachment #5 – Unscheduled Data Table 6**



Data Requests and Responses

Non-Specific Budget (All Regions)

1. Please refer to Capital Project Justification Book “Common Plant Overview_2024_Final,” specifically “Analysis of Past Non-Specifics Budgets,” beginning on page COMMON PLANT PJ – 646, where Cal Water states that “other key reasons for the increase in non-specific spending” include the following:

a. A change in Cal Water policy “to replace services on first reported leaks as opposed to repairing them.”¹ Cal Water states that “[this] change occurred to help prevent water loss and future maintenance costs as subsequent leaks frequently occur shortly after the initial repair.”²

i. Please provide records of any analysis Cal Water has performed, studies, or other documentation to support the conclusion that the Cal Water’s policy change on service replacement versus repair reduces water loss and future maintenance costs.

Response: Cal Water has generally applied this approach across multiple GRCs and is not proposing any policy change on service replacements as part of the current GRC request. As such, no formal study was done. However, the magnitude of costs make the logic readily transparent. For example, in Oroville, currently a repair project might have typical costs like:

REPAIR MATERIALS (Clamp or Small Section of Line)	\$250
CONTRACTOR LABOR TO INSTALL	\$3,000
PAVING RESTORATION	\$10,500
TOTAL	\$13,750

Similarly, it might have a long side replacement typical cost like:

SERVICE LINE MATERIALS	\$2,200
SERVICE LINE INSTALL	\$5,500
FLAGGING	\$2,100
PAVING RESTORATION	\$10,500
TOTAL	\$20,300

This example demonstrates that even one additional repair will exceed the breakeven point, since the main difference between the two estimates is relatively minor contractor cost to furnish parts and install the lines.

It should be noted that there are situations where it does make sense for Cal Water to repair a service line instead of replacing it. Certain factors impacting the repair versus replace decision include, but are not limited to the following:

¹ Capital Project Justification Common Plant Issues, p. 647.

² Capital Project Justification Common Plant Issues, p. 647.



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 001 Response (2024 GRC, A.24-07-003) –Page 4

- **Favorable Soil Conditions or Staffing.** There are districts where the staff headcount is small, and the soil conditions are very hard and rocky. Therefore, the district needs to contract companies with specialized equipment to perform the repairs. In other districts with more headcount and with softer soil conditions, the same repair work can be performed with a 2-man crew in about 4 hours with a vacuum truck, saving thousands of dollars off the analysis above. When and where Cal Water can perform such work to the benefit of the customer, it generally does so.
- **Major Emergencies.** Cal Water’s primary criteria is to keep customers reliably supplied with safe drinking water. If a significant leak happens in the middle of the night, it does not make practical sense to wait to employ a contractor to remove the old line and put in a new one. Cal Water makes the repair immediately to restore service. Candidates for replacement are typically slower, smaller leaks that allow for arranging such replacement work.
- **Non-condition related failures.** Occasionally, the leak is caused by a tree root creating a pinhole puncture, or there are issues with adjacent utilities or installation. In these cases, where the line material is otherwise in good condition, a repair is performed, and the environment corrected, instead of performing the replacement.

There are also intangible benefits to replacing the line versus continually repairing it. First, replacing materials like HDPE (“poly pipe”) with a copper line can many times provide a better, longer lasting service connection. Second, each time the line is repaired, the customer is inconvenienced with service disruption, and other construction-related inconveniences. If the customer sees the same area has multiple repairs, it may lower confidence in the utility’s ability to respond quickly to issues and resolve them permanently.

The decision to repair versus replace is unique to each district and situation and cannot be based on economics alone. The statement in the project justification book was meant as a general explanation, in aggregate with many other reasons, as to why the unscheduled “services” category was a rising uncontrollable cost category in Figure 1 that Cal Water wanted to separate out from more controllable costs. It was not meant to be interpreted as a practice that is always applied in every situation.

- ii. Please provide documentation showing examples of service leaks that occurred after the initial repair, including: dates of the first leak, repair, and subsequent leak, and the estimated water loss quantity and repair cost associated with each series of leaks.
Response: Please see Attachment 1 – Examples of Repeat Leaks of this data request for examples of how leaks might continue to occur in various districts throughout the company.

- b. Costs related to “increasing agency requirements for paving restoration associated with trenching and pipeline replacement.”³ *Please provide examples of these paving restoration requirement costs and explain why they are not included in the pipeline replacement program budget.*

Response: Please see the response to question 1.a (i) for the magnitude of paving costs.

³ *Capital Project Justification Common Plant Issues*, p. 647.



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 001 Response (2024 GRC, A.24-07-003) –Page 5

These same rising costs are a challenge for the mainline replacement program as well. There are two main differences between MRP and unscheduled main repairs/replacements. These unscheduled main projects are always reactionary, emergency replacements/repairs that are under 100 ft in length. MRP projects are always proactively planned, and much larger projects that allow the company to negotiate terms and prices. Otherwise, the material costs and the final restoration are typically similar to each other and are just different programs to address various aspects of maintaining the water system (proactive vs reactive replacement).

- c. A change in Cal Water policy to replace “an entire customer service line instead of replacing only a portion” when working on damaged service lines.⁴ Cal Water states that “experience has shown that repaired lines tend to require future repairs and increases in paving requirements makes rework cost inefficient.”⁵ *Please provide records of any analysis Cal Water has performed, studies, or other documentation to support the conclusion that the policy of replacing an entire customer service line is more cost effective than replacing only the damaged portion(s) of the line.*

Response: Cal Water has generally applied this approach across multiple GRCs and is not proposing any policy change on service replacements as part of the current GRC request. As such, no formal study was done.

- d. “Recent and emerging” needs, such as for “lower pump bowls due to drought conditions” or for GAC changeouts due to new water quality regulations.⁶ *Please provide documentation/examples of Cal Water lowering pump bowls due to drought and performing GAC changeouts to comply with new water quality regulations, as well as the costs associated with these events.*

Response: Please see Attachment 2 (“Costs Incurred for Drought and Emerging Contaminant Treatment”) providing examples of relevant drought and water quality projects. The pump bowl lowering was in response to the 2012-2016 drought and are meant to explain some components of the general 10-year trend and the resulting need for separating out non-specifics from unscheduled replacements. The example was not intended to explain trends since the last GRC filing.

2.

Please provide all supporting data Cal Water used to generate the graph shown as “Figure 1. Companywide Non-Specific Budgets between 2008 and 2017.”⁷

Response: Please see Attachment 3 – Non-Specific and Unscheduled Figure 1 Data providing supporting details for Figure 1. The graph was generated using ten-years of historic non-specific spend by the twelve budget categories in the system. The result for each district is provided on a separate tab for each year and category. The for all areas are summarized on the “Company” tab These values appear in cells B1 to M15. The company total per year was summed in row 16 and adjusted to millions by dividing row 16 by 1,000,000 in row 18. The data in row 18 appear as the red trend line “total expended” in Figure 1.

⁴ *Capital Project Justification Common Plant Issues*, p. 647.

⁵ *Capital Project Justification Common Plant Issues*, p. 647.

⁶ *Capital Project Justification Common Plant Issues*, p. 647.

⁷ Figure 1 includes data through 2020. *Capital Project Justification Common Plant Issues*, p. 648.



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 001 Response (2024 GRC, A.24-07-003) –Page 6

To obtain the relative percentage of the other categories that appear as stacked bars in Figure 1, each row from row 4 to row 15 was divided by the total in row 16 to get a relative percentage. These values appear in cells B20 to M34. Prior to 2017, the Unscheduled budgets appeared as the budget categories “Mains”, “Services”, “Hydrants” and “Meters”, so the values in rows 29-32 were copied down to rows 41 to 44, and appear as the stacked bars in the figure, representing the historical equivalent of what the unscheduled spend would have been if it was its own separate category since 2008. The remaining values would represent what Cal Water proposes to be true “non-specific” investment and is obtained by subtracting the percentages in rows 41-44 from 100% in each year to get “Other Non-Specific” spend.

Lastly, the values in columns N to P were obtained as part of the non-specific and unscheduled analysis provided in questions 3 and 4 below, as Figure 1 was prepared for the 2021 GRC filing.

3. Please provide the projects and data sources Cal Water used to prepare Table 1. Non Specific Budget Forecast, shown on page COMMON PLANT PJ-649. Provide the data following the format presented in sheet “IN_2024 GRC ACB” of RO Model workbook “CH07_RB_FDR_Proposed Capital Budget.”

Response: Please see Attachment 4 – Non-Specific Data Table 1 of this data response. Cal Water does not perform the non-specific analysis by individual project, but by budget category. The detailed analysis described below is found in Attachment 4.

Cal Water forecasts the non-specific budget by first performing a query of the historical non-specific expenditures by budget category. These values are provided in Attachment 4 for every district typically occurring in cells B7 through P20 in the table labeled “Actual Expenditure”. These values are then normalized to 2023 constant dollars in the next table below, “Inflated Expenditure” using the CPUC memo on inflation. The historical values for these amounts are provided on Row 2, Cells B through Q.

When the system encounters an error, or the wrong utility group, instead of assigning it to one of the 12 budget categories it assigns the charge to a catch all category “UNGROUP”. To address this issue, the amount is respread over the budget categories evenly. Beginning on Row 49, the raw data for the plant categories are listed, summed and the UNGROUP allocation per group is determined in the final row. This value is added to every cell in the actual expenditure table in B7 through P20.

Once the historical values have been determined, Cal Water then evaluates the work orders in the most recent cycle for projects that are prudent and reasonable but may not represent future types of unplanned work. These projects were removed from the data set prior to forecasting 2025 – 2027. Some common examples of these types of projects include, but are not limited to:

- Relocations (Caltrans, city improvements, government mandate, etc)
- Office Remodeling
- Studies (Urban Water Management Plan)
- Unplanned Vehicle replacements
- Large Unusual non-specific projects



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 001 Response (2024 GRC, A.24-07-003) –Page 7

- Unique, time sensitive opportunities such as recycled water projects or recharge facilities
- Land purchases
- Memo account projects
- Time sensitive enterprise risk mitigation projects like Wildfire Hardening

Each project that is removed is listed in the final section of rows in columns B through P by manually investigating the annual cashflow, assigning the property group that best represents the project, and subtracting the values from the Actuals table in cells B7 through P20.

Once the annual amounts are adjusted, a five-year average is taken in Column Q to generate a 2023 estimate. This value is then escalated 2024-2027 using the CPUC inflation memo account values. The 2025-2027 value of 2.5% is explained in the tab “inflation”. The final table Column AQ to AS values on each tab are the values provided in Table 1.

4. Please provide the projects and data sources Cal Water used to prepare Table 6. Summary of Complete Unscheduled Budgets by District for the 2024 GRC, shown on page COMMON PLANT PJ-654. Provide the data following the format presented in sheet “IN_2024 GRC ACB” of RO Model workbook “CH07_RB_FDR_Proposed Capital Budget.”

Response: Please see Attachment 5 – Unscheduled Data Table 6 of this data request. Prior to 2015, the unscheduled budget analysis was included in the non-specific analysis and so the first tab in this attachment includes those values moved over. From 2016 onward, the individual project expenditures are provided on the tabs “DISTRICT Data” where District is each actual district. These values are summarized by district in the tab “YEAR PT” where Year is the budget year of interest. Each line from the pivot table summary are translated over to the first tab, 2024 GRC Forecast” from 2014 to 2023. The value for 2024 is calculated by taking the five-year district average, and then that value is escalated 2.5% each year for 2025 ,2026 and 2027. The values in Columns N – P on the tab 2024 GRC Forecast are the values in Table 6.

LIST OF ATTACHMENTS FOR CHAPTER 5

	Attachment #	Description
1	Attachment 5-1	CWS Response DR SIH 003 (Allocation) Attachment #1

**ATTACHMENT 5-1:
CWS Response DR SIH 003 (Allocation)
Attachment #1**



CALIFORNIA WATER SERVICE COMPANY

Data Request SHI 003 Response (2024 GRC, A.24-07-003) –Page 1

Auto

RESPONSE TO DATA REQUEST

2024 GENERAL RATE CASE, A.24-07-003

To: **Public Advocates Office**

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Date: October 10, 2024 Re: SHI 003 Subj: Allocations	Request Received from CPUC: October 3, 2024 Requested Due Date: October 10, 2024 [7 days]
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Comments:

- Full response attached.
- Response provided by Rates.
- Does not contain confidential information.
- This response refers to the following attachments included separately:
 - Attachment #1 – 2024 GRC Affiliate Allocation Calc July Filing



CALIFORNIA WATER SERVICE COMPANY

Data Request SHI 003 Response (2024 GRC, A.24-07-003) –Page 2

Data Requests and Responses

Affiliate, CSS, And Unregulated Allocations (All Regions):

Please refer to Chapter 10 of 1-Testimony Book #1 – July, starting on page 191:

1. Please provide all data used to determine the allocation percentages presented in the table on page 192.
Response: Please refer to “Attachment #1 2024 GRC Affiliate Allocation Calc July Filing” for all data and calculations used to calculate Affiliates Allocation Factor”. The referenced table is located on the “CWS Modified Four Fact_2023” tab.
2. Please provide all data used to determine the allocations and values presented in the table on page 193.
Response: After allocating to out-of-state affiliates, Cal Water allocates its general expenses and rate base to its ratemaking areas using a four-factor methodology. The four factors used to calculate the allocation rates are 1) gross utility plant, 2) ratemaking area payroll, 3) active service connections, and 4) direct operating and maintenance expenses. Please refer to the “Ref_Four_Factor” tab of the “X_GBL_Info” workbook in Cal Water’s RO Model for the data used to calculate the allocation factors for all districts.

Modified Four Factor Calculation with Texas Water Service by CWS Method

	Total	CWSCO	WWSCO	NMWSCO	HWSCO	TWSCO (Only 75% of BVRT)
Active Meter Size Equivalence	100%	92.58%	4.35%	1.29%	1.55%	0.00%
Per Business Unit count	948,829	878,413	41,308	12,215	14,693	2,200
2023 Operating Revenues	100%	90.68%	3.00%	0.87%	5.16%	0.29%
Per Ops Statement 12/31/2023	794,632,238	720,576,823	23,836,240	6,876,036	41,028,831	2,314,307
Net Utility Plant	100%	92.54%	2.44%	0.67%	2.94%	1.41%
Per Balance Sheet 12/31/2023	3,768,915,729	3,487,787,652	91,877,075	25,294,933	110,869,941	53,086,127
2023 Direct Operating Expenses	100%	91.23%	2.33%	0.60%	4.36%	1.47%
Per Ops Statement 12/31/2023	615,812,857	561,791,126	14,369,132	3,717,783	26,872,629	9,062,186
		91.76%	3.03%	0.86%	3.50%	0.79%

Total CSS Expense	132,718,202	2023 Total CSS Expense
Allocable Expense to Cal Water	69,362,877	
Non-Allocable Expense	63,355,325	
Allocable Expense of CWS portion	63,645,240	
		4.31%

Allocable Expenses to Cal Water and Affiliates

Total CSS Expense 12/31/2023	132,718,202
PUBCO Allocation (allocated to affiliates+CWS from total CSS Expenses)	69,362,877
PUBCO Allocation of total CSS E	52.3%

Allocation Type	CWS	Affiliates
Total CSS Expenses	95.7%	4.3%
Total CSS Rate Base	98.6%	1.4%

Modified Four Factor Calculation used in expense pool allocation										
Active Services										
Meter Size	Total Enterprise	CWSCO	HWSCO	WWSCO	NMWSCO					
5/8 X 3/4 inch	403,062	354,098	3,036	37,336	8,592					5/8"
1 inch	100,251	99,192	452	549	58					3/4"
1 1/2 inch	12,948	12,636	228	77	7					1"
2 inch	15,623	15,137	290	163	33					2"
3 inch	2,316	2,218	50	23	25					1 1/2"
4 inch	857	814	33	8	2					3"
6 inch	359	302	54	1	2					4"
8 inch	89	66	20	2	1					6"
10 inch	41	37	4	-	-					8"
12 inch	3	2	1	-	-					10"
14 inch	2	-	2	-	-					12"
16 inch	2	2								14"
No Meter/Unmetered	15,720	12,874	117	155	2,574	Flat customer count taken from December'23 Op Statements				16"
Total	551,273	497,378	4,287	38,314	11,294					18"
		90.2%	0.8%	7.0%	2.0%					
Active Service Equivalents										
Meter Size	Total Enterprise	CWSCO	HWSCO	WWSCO	NMWSCO	LWB				
5/8 X 3/4 inch	403,062	354,098	3,036	37,336	8,592	1.00				
1 inch	250,628	247,980	1,130	1,373	145	2.50				
1 1/2 inch	64,740	63,180	1,140	385	35	5.00				
2 inch	124,984	121,096	2,320	1,304	264	8.00				
3 inch	34,740	33,270	750	345	375	15.00				
4 inch	21,425	20,350	825	200	50	25.00				
6 inch	17,950	15,100	2,700	50	100	50.00				
8 inch	7,120	5,280	1,600	160	80	80.00				
10 inch	4,715	4,255	460	-	-	115.00				
12 inch	495	330	165	-	-	165.00				
14 inch	450	-	450	-	-	225.00				
16 inch	600	600	-	-	-	300.00				
No Meter/Unmetered (use 5/8 X 3/4 per Darin)	15,720	12,874	117	155	2,574	1.00				
Total	946,629	878,413	14,693	41,308	12,215					
%		92.79%	1.55%	4.36%	1.29%					
impact of equivalents										
source of data	N:\CCBDATA\CCBRPT\CWSCO_Reports\Accounting\CWS\Monthly\Archive\2021\12-Dec									

ANNUAL DEPRECIATION ACCRUAL DETERMINATION
STRAIGHT-LINE REMAINING LIFE METHOD
2023

ACCOUNT NO.	DESCRIPTION	GROSS PLANT (end. year)	DEPREC. RESERVE (end. year)	NET PLANT	ALLOCABLE POOL	NON-ALLOCABLE POOL	DISCUSSION
311	STRUCTURES AND IMPROVEMENTS		0	0	0	0	
312	COLLECTING AND IMPOUNDING RESERVOIRS		0	0	0	0	
313	LAKE, RIVER AND OTHER INTAKES		0	0	0	0	
315	WELLS		0	0	0	0	
316	SUPPLY MAINS		0	0	0	0	
321	STRUCTURES AND IMPROVEMENTS		0	0	0	0	
324	PUMPING EQUIPMENT	10,277,916	1,257,988	9,019,928		0	10,277,916 LOCAL CAL WATER EQUIPMENT, NO WAY TO TRANSPORT OUT OF STATE
325	OTHER PUMPING PLANT	3,238,851	652,790	2,586,061		0	3,238,851 LOCAL CAL WATER EQUIPMENT, NO WAY TO TRANSPORT OUT OF STATE
331	STRUCTURES AND IMPROVEMENTS		0	0	0	0	0
332	WATER TREATMENT EQUIPMENT	18,831	18,690	140		0	18,831 LOCAL CAL WATER EQUIPMENT, NO WAY TO TRANSPORT OUT OF STATE
341	STRUCTURES AND IMPROVEMENTS		0	0	0	0	
342	RESERVOIRS AND TANKS		0	0	0	0	
343	TRANSMISSION AND DISTRIBUTION MAINS	1,268,398	0	1,268,398	1,268,398		
344	FIRE MAINS		0	0	0	0	
345	SERVICES		0	0	0	0	
346	METERS		0	0	0	0	
348	HYDRANTS		0	0	0	0	
371	STRUCTURES AND IMPROVEMENTS	37,411,376	15,679,011	21,732,365	4,264,897	33,146,479	BASED ON COMPOSITE BUCKET 11.4%
372	OFFICE FURNITURE AND EQUIPMENT	5,141,472	-877,993	6,019,465	771,221	4,370,252	BASED ON INFORMATION SYSTEMS BUCKET PERCENT OF 15%
372-1	OFFICE EQUIPMENT - COMPUTERS	12,510,784	5,155,948	7,354,836	1,876,618	10,634,167	
372-2	OFFICE EQUIPMENT - SOFTWARE	99,291,968	55,959,888	43,332,080	14,893,795	84,398,173	
373	TRANSPORTATION	7,531,137	4,684,672	2,846,465	320,000	7,211,137	VEHICLES NOT USED OUT OF STATE. PROVISION FOR OFFICER GENERAL COMPENSATION (Ratio of estimated \$320,000 gross value of officer vehicles overall category)
374	STORES EQUIPMENT	36,741	27,007	9,734		36,741	
375	LABORATORY EQUIPMENT	1,146,612	73,083	1,073,529		1,146,612	CSS DOES NOT PERFORM WATER TESTING OUT OF STATE
376	COMMUNICATION EQUIPMENT	745,103	40,616	704,487	745,103		
377	POWER OPERATED EQUIPMENT	258,504	161,119	97,385		258,504	
378	TOOLS, SHOP AND GARAGE EQUIPMENT	6,489,146	699,174	5,789,972		6,489,146	
379	OTHER GENERAL PLANT	16,336	-16,438	32,774	16,336		
390	OTHER TANGIBLE PLANT	0	0	0	0		
391	UTILITY PLANT PURCHASED	0	-996	996	996		
392	G.O. PLANT ALLOCATION	0	0	0	0		
	TOTAL	185,383,176	83,514,561	101,868,615	24,157,364	161,226,808	
		185,383,176			13.03%		
					10.51% Gross 4-Factor		
					1.4% Weighted 4-Factor		
					0.00% Unregulated full allocation		

1.4% Total Plant Allocation

pa	fc_sortid	description	beginning_balance	additions	retirements	transfers_in	transfers_out	adjustments	ending_balance	start_month	end_month	Plant Account
103010-Organization	1	Intangibles	10,849	0	0	0	0	0	10,849	#####	#####	301
103030-Other Intangible Plant	1	Intangibles	3,703,303	1,254,147	(25,669)	2,996,193	(2,996,193)	0	4,931,781	#####	#####	303
103061-Land	2	Land	415,574	0	0	0	0	0	415,574	#####	#####	306
103240-Pumping Equipment	4	Pumping Plant	0	0	0	0	0	0	0	#####	#####	324
103241-System Ctrl Computer Equip	4	Pumping Plant	10,277,916	0	0	0	0	0	10,277,916	#####	#####	324
103250-Other Pumping Plant	4	Pumping Plant	3,238,851	0	0	0	0	0	3,238,851	#####	#####	325
103320-Water Treatment Equipment	5	Water Treatment Plant	18,831	0	0	0	0	0	18,831	#####	#####	332
103434-All Other-Trans & Dist Mains	6	Transmission & Distribution Plan	0	1,268,398	0	0	0	0	1,268,398	#####	#####	343
103436-Plastic Pipe-T & D Mains	6	Transmission & Distribution Plan	0	0	0	0	0	0	0	#####	#####	343
103710-Struct & Improve Genl Plnt	7	General Plant	32,847,876	2,152,438	(5,505)	0	0	0	34,994,809	#####	#####	371
103711-Driveway Pavement-Gen Plant	7	General Plant	2,409,546	7,021	0	0	0	0	2,416,567	#####	#####	371
103720-Office Furn & Equip-Gen Plnt	7	General Plant	4,852,104	304,727	(7,297)	0	(8,061)	0	5,141,472	#####	#####	372
103721-Office-Elec. Equip/Computers	7	General Plant	11,592,045	1,236,683	(317,944)	2,696	(2,696)	0	12,510,784	#####	#####	372-1
103722-Computer Software	7	General Plant	93,896,029	5,427,946	(32,007)	0	0	0	99,291,968	#####	#####	372-2
103730-Transportn Equip-Gen Plant	7	General Plant	6,845,406	907,056	(221,325)	0	0	0	7,531,137	#####	#####	373
103731-Heavy Trucks-Gen Plant	7	General Plant	0	0	0	0	0	0	0	#####	#####	373
103740-Stores Equipment-Gen Plant	7	General Plant	36,741	0	0	0	0	0	36,741	#####	#####	374
103750-Laboratory Equip-Gen Plant	7	General Plant	1,389,505	294,206	(537,099)	0	0	0	1,146,612	#####	#####	375
103760-Communication Equip-Gen Plnt	7	General Plant	745,103	0	0	0	0	0	745,103	#####	#####	376
103770-Pwr Operated Equip-Gen Plant	7	General Plant	258,504	0	0	0	0	0	258,504	#####	#####	377
103780-Tools, Shop & Garage Equip	7	General Plant	4,064,469	2,432,008	(7,331)	0	0	0	6,489,146	#####	#####	378
103790-Other General Plant	7	General Plant	115,762	0	(99,426)	0	0	0	16,336	#####	#####	379
103910-Utility Plant Purchased	8	Undistributed Items	0	0	0	0	0	0	0	#####	#####	391
			176,718,411.25	15,284,630.91	(1,253,601.73)	2,998,888.45	(3,006,949.74)	0.00	#####			

2014 PubCo COH Allocation Basis

Public Company and shared service cost pools are allocated to Subsidiary capital/expense pools				
Dept	Name	COH %	Exp %	
330	General Office	26.2%	73.8%	
323	Community Affairs & Gov't Relations	49.9%	50.1%	
351	CFO, Treasurer	40.0%	60.0%	
353	Internal Audit	21.5%	78.5%	
354	Continuous Improvement	29.6%	70.4%	
360	Legal	31.0%	69.0%	
362	IT Security and Compliance	13.0%	87.0%	
366	IT Infrastructure	2.8%	97.2%	
372	Finance	21.4%	78.6%	
374	Controller & External Reporting	24.3%	75.7%	
375	Management Development	29.0%	71.0%	
379	IT Technical Support	0.0%	100.0%	
382	Procurement	72.2%	27.8%	
384	Human Resource Administration	35.3%	64.7%	
388	IT Governance /Administration	52.5%	47.5%	
389	Corp Communications	31.9%	68.1%	
348	ESG *	31.9%	68.1%	
390	President, CEO	36.5%	63.5%	
392	Facilities/Fleet	78.3%	21.7%	
394	Corporate Secretary	25.0%	75.0%	
396	Safety	16.4%	83.6%	
<i>COH % based on 2024 LEAs</i>				
<i>*ESG was not an approved department at the time that the Hyperion Labor Plan was finalized, hence it is included within Corp Comm.</i>				
COH cost pool allocation		2024 Cap Spend \$		%
		307.0	CWSC	89.49%
		17.8	HWSC	5.20%
		14.3	WWSC	4.17%
		3.9	NMWSC	1.14%
		-	TWSC	0.00%
		343.1		100.00%
<i>% based on 2024 Estimated Capital Budget</i>				
Expense cost pool allocation				%
			CWSC	91.65%
			HWSC	3.56%
			WWSC	3.10%
			NMWSC	0.87%
			TWSC	0.82%
<i>% based on Modified Four Factor</i>				

LIST OF ATTACHMENTS FOR CHAPTER 6

	Attachment #	Description
1	Attachment 6-1	CWS Response DR SIH 004 (Millerton District)
2	Attachment 6-2	Sample Cost Estimates

**ATTACHMENT 6-1:
CWS Response to DR SIH 004
(Millerton District)**



RESPONSE TO DATA REQUEST

2024 GENERAL RATE CASE, A.24-07-003

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Date: November 7, 2024 Re: SIH 004 Subj: Millerton District	Request Received from CPUC: October 31, 2024 Requested Due Date: November 7, 2024 [7 days]
--	---

Comments:

- **Full response attached.**
- **Response provided by Rates.**
- **Does not contain confidential information.**
- **This response refers to the following attachments included separately:**
 - **Attachment SIH 004 Q5 - Cancellation Agreement**



Data Requests and Responses

Referring to the potential Millerton District:

1. In the current rate case application (GRC), did Cal Water include any Millerton District customers in forecasts? If yes, please state the number of customers in each forecast year.

Response: No.

2. In the current GRC Results of Operations (RO) model, did Cal Water include any Plant in Service or Contributions in Aid of Construction related to the Millerton District? If yes, please state the dollar amounts and the RO workbooks and reference cells where the amounts are located.

Response: No.

3. Did Cal Water include any expense items related to the Millerton District (such as purchased water, increased chemical costs, increased power costs, etc.) in the current GRC? If yes, please provide the dollar amount of each expense, and the RO model workbooks and reference cells where the amounts are located.

Response: No.

4. Please provide all costs related to the Millerton District acquisition, including, but not limited to: regulatory costs, data collection, reporting, attorney fees, consultants, inspections, and any other incurred costs contemplated in the following agreements between Cal Water and NFV-1 Investments, LLC: (i) Asset and Real Property Purchase and Sale Agreement, dated and effective January 24, 2019; (ii) Operation and Maintenance Agreement, dated December 21, 2021, as amended; and (iii) Cancellation Agreement (currently pending).

- a. Please indicate whether Cal Water included any of the Millerton District acquisition-related costs in either forecasts or historical costs presented in Cal Water's current GRC.

Response:

- (i) **Asset and Real Property Purchase and Sale Agreement (“APA”)**

Internal payroll – Payroll forecasted for 2026 in this GRC used recorded payroll expenses incurred in 2023 as the base, and made further adjustments.

For the activities related to developing the APA, conducting due diligence after the APA was signed, and obtaining a CPCN from the CPUC in A.20-01-012 that culminated in an August 2021 decision (D.21-08-007), all internal payroll costs were incurred prior to calendar year 2023, so no internal



payroll costs are in the 2023 payroll base, and no additional payroll costs for Millerton were added for the forecast. Therefore, there are no internal payroll costs attributable to Millerton included in rates for 2026.

Regulatory legal fees – Legal costs forecasted for 2026 use a three-year average of recorded costs for 2021-2023.

Cal Water used outside counsel to obtain the CPCN in A.20-01-012, an application filed in January 2020 for which a decision was issued in August 2021. Legal fees incurred for the proceeding in 2021 were 26,393.57, at most. Because the forecast for legal costs is based on a three-year average, the legal fees attributable to Millerton in the expense forecast for calendar year 2026 is no more than \$8,797.86.

Other costs – Cal Water never began providing service to customers in Millerton, so did not incur any capital costs.

(ii) **Operation and Maintenance Agreement**

Over the course of the O&M agreement, Cal Water incurred other costs associated with Millerton that were charged directly to the department number for Millerton. In forecasting expenses for 2026, Cal Water conducted queries of recorded costs that did not include Millerton's department number. Furthermore, Cal Water's records show that a portion of CSS expenses were allocated to the Millerton department number starting in 2023.

Cal Water first began receiving revenues under the O&M contract in 2023. Revenues in 2023 were \$57,749, so Cal Water shared 10% of that, \$5,575, with Selma ratepayers. (Revenue sharing is implemented by decreasing expenses in account 812010.)

As discussed in Testimony Book #3, revenue sharing is intended to offset any incremental costs that may have been incurred that were not directly charged to unregulated activities.

(iii) **Cancellation Agreement**

No outside counsel or other external costs were incurred in negotiating the cancellation agreement. To the extent any such negotiations involved internal payroll in 2023, such payroll costs were charged directly to the Millerton department, or are otherwise so small that they would be captured within the CSS allocation for that year.

- b. For any acquisition-related costs included in the current GRC, please provide the location of the costs in RO model workbooks/reference cells.



CALIFORNIA WATER SERVICE COMPANY

Data Request SIH 004 Response (2024 GRC, A.24-07-003) – Page 4

Response: Recorded expenses are located in the “Rec O&M WS-1” of the Y_CH05_OM_SD_Rec OM Exp file, however, the Millerton department was not included as part of recorded expenses.

5. Please provide a copy of the cancellation agreement between Cal Water and NFV-1 Investments, LLC.

Response: See Attachment SIH 004 Q5 - Cancellation Agreement.

**ATTACHMENT 6-2:
Sample Cost Estimates**

133203 Cost Estimate

Capital Project Cost Estimate

Project No. : 133203
Description STK 035 New Generator
District / Department: Stockton
Project Start Date: 01/02/2025
Project Completion Date: 06/29/2027
Prepared By: jagraham
Date Initiated: 11/26/2023
Base Year: 2023
Sub-Total: \$590,967
Direct Cost: \$633,377

Cost Table:

Item	Description [units]	Qty	Unit Cost	Total	Cost Basis
_ELECTRICAL, INSTRUMENTATION, AND CONTROLS SUBCONTRACT(LS)	[EA]	1	\$291,457.00	\$291,457.00	RS Means
_SLAB 13' X 5' X 12" THICK(CY)	[EA]	2.4	\$1,017.50	\$2,442.00	Engineers Estimate
TRENCHING AND BACKFILL(LS)	[EA]	1	\$27,879.00	\$27,879.00	Engineers Estimate
10% CONTINGENCY	[EA]	1	\$53,724.28	\$53,724.28	Additional Factors
15% CM/SI	[EA]	1	\$63,901.12	\$63,901.12	Additional Factors
BOLLARDS(EA)	[EA]	7	\$1,347.57	\$9,433.00	Engineers Estimate
CAPITAL BUDGET TECH	CW-Eng Tech LABOR [HR]	4	\$108.96	\$435.84	Labor SKU
COST ENGINEER	CW-Civil Eng LABOR [HR]	52	\$139.41	\$7,249.32	Labor SKU
ELECT ENG	CW-Elect Eng LABOR [HR]	296	\$139.41	\$41,265.36	Labor SKU
EMT	CW-EMT LABOR [HR]	52	\$112.12	\$5,830.24	Labor SKU
ENG TECH	CW-Eng Tech LABOR [HR]	209	\$108.96	\$22,772.64	Labor SKU
ENVIRONMENTAL PM	CW-EA Proj MGR LABOR [HR]	56	\$139.41	\$7,806.96	Labor SKU
FIELD LBR	CW-LABOR-FIELD LABOR [HR]	49	\$88.12	\$4,317.88	Labor SKU
FIELD MGR	CW-LABOR-FIELD MGR/SUPV [HR]	60	\$115.92	\$6,955.20	Labor SKU
LABOR	CW-Civil Eng LABOR [HR]	52	\$139.41	\$7,249.32	Labor SKU
SCADA TECH	CW-SCADA Tech LABOR [HR]	35	\$108.96	\$3,813.60	Labor SKU
SIMILAR PROJECTS	CW-EA Proj MGR LABOR [HR]	247	\$139.41	\$34,434.27	Labor SKU

Sub-total = \$590,967.03
Direct Cost = \$633,377.21

Notes:

1. Sub-Total is defined as the summation of all project estimated materials, labor, and markups costs
2. Direct Cost is the escalate Sub-Total from the base year of 2023 to the project completion year assuming a 2.5% inflation rate
3. See Common Plant Book for additional details on cost estimating methodology and justification

Capital Project Cost Estimate

Project No. : 133012
Description BG 036 New 125K Gal Tank
District / Department: Bear Gulch
Project Start Date: 06/01/2025
Project Completion Date: 09/20/2027
Prepared By: jagraham
Date Initiated: 11/24/2023
Base Year: 2023
Sub-Total: \$981,039
Direct Cost: \$1,058,510

Cost Table:

<u>Item</u>	<u>Description [units]</u>	<u>Qty</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Cost Basis</u>
4 DEEP BORINGS/COMPLEX SCOPE [LS]	4 Deep Boring/Cmplx Scope[LS]	1	\$19,999.00	\$19,999.00	Cost Catalog No. E-8-3
10% CONTINGENCY	[EA]	1	\$89,185.32	\$89,185.32	Additional Factors
15 % CM/SI	[EA]	1	\$101,603.53	\$101,603.53	Additional Factors
5% LOCATION FACTOR	[EA]	1	\$37,630.94	\$37,630.94	Additional Factors
CUP PERMIT [LS]	CUP Permit [LS]	1	\$19,663.00	\$19,663.00	Cost Catalog No. F.1-1
ELECT ENG	CW-Elect Eng LABOR [HR]	494	\$139.41	\$68,868.54	Labor SKU
EMT	CW-EMT LABOR [HR]	43	\$112.12	\$4,821.16	Labor SKU
ENG TECH	CW-Eng Tech LABOR [HR]	697	\$108.96	\$75,945.12	Labor SKU
ENVIRONMENTAL PM	CW-Civil Eng LABOR [HR]	192	\$139.41	\$26,766.72	Labor SKU
FEASIBILITY STUDY	[EA]	3	\$25,563.33	\$76,690.00	Engineers Estimate
FIELD LBR	CW-LABOR-FIELD LABOR [HR]	41	\$88.12	\$3,612.92	Labor SKU
FIELD MGR	CW-LABOR-FIELD MGR/SUPV [HR]	58	\$115.92	\$6,723.36	Labor SKU
FINAL DESIGN CIVIL DRAWINGS	[EA]	10	\$25,563.20	\$255,632.00	Engineers Estimate
INITIAL STUDY - TYPICAL [LS]	Initial Study - Typical [LS]	1	\$36,209.00	\$36,209.00	Cost Catalog No. E.1-1
LABOR	CW-Civil Eng LABOR [HR]	272	\$139.41	\$37,919.52	Labor SKU
SCADA TECH	CW-SCADA Tech LABOR [HR]	35	\$108.96	\$3,813.60	Labor SKU
SIMILAR PROJECTS	CW-EA Proj MGR LABOR [HR]	680	\$139.41	\$94,798.80	Labor SKU
TOPOGRAPHY WITH LEGAL DESCRIPTION [LS]	TopographyW/LegalDescriptn[LS]	1	\$21,156.00	\$21,156.00	Cost Catalog No. E.6-11

Sub-total = \$981,038.53
Direct Cost = \$1,058,510.44

Notes:

1. Sub-Total is defined as the summation of all project estimated materials, labor, and markups costs
2. Direct Cost is the escalate Sub-Total from the base year of 2023 to the project completion year assuming a 2.5% inflation rate
3. See Common Plant Book for additional details on cost estimating methodology and justification

133018 Cost Estimate

Capital Project Cost Estimate

Project No. : 133018
Description BG 016-T2 Mixing and Dosing
District / Department: Bear Gulch
Project Start Date: 01/02/2025
Project Completion Date: 02/24/2027
Prepared By: jagraham
Date Initiated: 11/24/2023
Base Year: 2023
Sub-Total: \$1,104,024
Direct Cost: \$1,177,813

Cost Table:

Item	Description [units]	Qty	Unit Cost	Total	Cost Basis
10% CONTINGENCY	[EA]	1	\$100,365.82	\$100,365.82	Additional Factors
15% CMSI	[EA]	1	\$114,340.81	\$114,340.81	Additional Factors
5% LOCATION FACTOR	[EA]	1	\$42,348.45	\$42,348.45	Additional Factors
AC PAVEMENT RESTORATION AND AC APRON	[EA]	1	\$19,512.20	\$19,512.20	Engineers Estimate
BUILDING PERMIT	Building Permit [LS]	1	\$9,808.00	\$9,808.00	Cost Catalog No. F.1-2
CAPITAL BUDGET TECHNICIAN LABOR	CW-Eng Tech LABOR [HR]	4	\$108.96	\$435.84	Labor SKU
CHEMICAL MIXING AND DOSING INSTALL	[EA]	1	\$48,780.49	\$48,780.49	Engineers Estimate
CHEMICAL SHED APPURTENANCES	[EA]	1	\$58,536.56	\$58,536.56	Engineers Estimate
CHEMICAL SHEDS	[EA]	2	\$10,731.71	\$21,463.42	Engineers Estimate
CONCRETE FOUNDATION	[EA]	1	\$48,780.49	\$48,780.49	Engineers Estimate
COST ENGINEER LABOR	CW-Civil Eng LABOR [HR]	52	\$139.41	\$7,249.32	Labor SKU
CUP PERMIT	CUP Permit [LS]	1	\$19,663.00	\$19,663.00	Cost Catalog No. F.1-1
DISTRICT FIELD LABOR	CW-LABOR-FIELD LABOR [HR]	36.2	\$88.12	\$3,189.94	Labor SKU
DISTRICT SUPERINTENDENT LABOR	CW-LABOR-FIELD MGR/SUPV [HR]	82.3	\$115.92	\$9,540.22	Labor SKU
ELECTRICAL ENGINEERING DESIGN	CW-Elect Eng LABOR [HR]	137.7	\$139.41	\$19,196.76	Labor SKU
ELECTRICAL WIRING, CONDUIT AND EQUIPMENT	[EA]	1	\$175,609.76	\$175,609.76	Engineers Estimate
EMT LABOR	CW-EMT LABOR [HR]	52.5	\$112.12	\$5,886.30	Labor SKU
ENGINEERING TECHNICIAN (DRAFTING)	CW-Eng Tech LABOR [HR]	155.7	\$108.96	\$16,965.07	Labor SKU
GEOTECHNICAL REPORT	2 Borings [LS]	1	\$8,844.00	\$8,844.00	Cost Catalog No. E.8-1
INSTALL SMALL DIAMETER TUBING AND CONDUITS	[EA]	1	\$97,560.98	\$97,560.98	Engineers Estimate
MOBILIZATION/DEMOBILIZATION	[EA]	1	\$9,756.10	\$9,756.10	Engineers Estimate
PROJECT MANAGEMENT	CW-Civil Eng LABOR [HR]	268.5	\$139.41	\$37,431.59	Labor SKU
SCADA TECHNICIAN	CW-SCADA Tech LABOR [HR]	32.1	\$108.96	\$3,497.62	Labor SKU
SITE SURVEY	Topography Survey [LS]	1	\$10,446.00	\$10,446.00	Cost Catalog No. E.6-9
STRUCTURAL ENGINEERING DESIGN	Treatment Facility [EA]	1	\$4,443.00	\$4,443.00	Cost Catalog No. E.4-3
SYSTEM START UP	[EA]	1	\$15,609.76	\$15,609.76	Engineers Estimate
TANK MIXING AND DOSING EQUIPMENT	[EA]	1	\$183,609.76	\$183,609.76	Engineers Estimate
WATER QUALITY PM	CW-WQ Proj MGR LABOR [HR]	80	\$139.41	\$11,152.80	Labor SKU

133787 Cost Estimate

Capital Project Cost Estimate

Project No. : 133787
Description MSHA 003 New Storage Tanks
District / Department: Kern River Valley
Project Start Date: 01/01/2025
Project Completion Date: 11/11/2027
Prepared By: jagraham
Date Initiated: 01/17/2024
Base Year: 2024
Sub-Total: \$1,853,376
Direct Cost: \$2,015,310

Cost Table:

Item	Description [units]	Qty	Unit Cost	Total	Cost Basis
10% CM/SI	[EA]	1	\$139,119.16	\$139,119.16	Additional Factors
10% CONTINGENCY	[EA]	1	\$168,488.76	\$168,488.76	Additional Factors
30K GALLON WELDED STEEL TANKS	[EA]	2	\$300,000.00	\$600,000.00	Engineers Estimate
CATCH BASIN 24" X 24" CB [EA]	24in x 24in CB [EA]	1	\$22,391.00	\$22,391.00	Cost Catalog No. F.9-2
CATHODIC PROTECTION	[EA]	2	\$9,000.00	\$18,000.00	Engineers Estimate
CIVIL ENGINEER	CW-Civil Eng LABOR [HR]	248	\$139.41	\$34,573.68	Labor SKU
DISTRICT FIELD STAFF	CW-LABOR-FIELD LABOR [HR]	102.88	\$88.12	\$9,065.79	Labor SKU
DISTRICT SUPERINTENDENT	CW-LABOR-FIELD MGR/SUPV [HR]	85.25	\$115.92	\$9,882.18	Labor SKU
DRAINAGE PIPING ON-SITE, DRAINAGE PIPE [FT]	On-site, Drainage Pipe [FT]	60	\$457.00	\$27,420.00	Cost Catalog No. F.8-1
ELECTRICAL ENGINEER	CW-Elect Eng LABOR [HR]	437.91	\$139.41	\$61,049.03	Labor SKU
ELECTRICAL INSTALLATION TANK LEVEL TRANSDUCERS [LS]	Tank Level Transducers [LS]	2	\$14,929.00	\$29,858.00	Cost Catalog No. B.4-3
EMT	CW-EMT LABOR [HR]	104.89	\$112.12	\$11,760.27	Labor SKU
ENVIRONMENTAL PM	CW-EA Proj MGR LABOR [HR]	192	\$139.41	\$26,766.72	Labor SKU
FENCE & GATE 7-8' H CHAIN LINK - 100' X 100' LOT [LS]	8ftH ChainLink-100ftx 100ftLot[LS]	1	\$35,270.00	\$35,270.00	Cost Catalog No. A.12-2
FLEX-TEND DOUBLE BALL EBAA, 10" DIA [EA]	Double Ball EBAA, 10in dia [EA]	1	\$8,902.00	\$8,902.00	Cost Catalog No. C.8-2
FLEX-TEND DOUBLE BALL EBAA, 8" DIA [EA]	Double Ball EBAA, 8in dia [EA]	1	\$4,859.00	\$4,859.00	Cost Catalog No. C.8-1
GEOTECH REPORT 4 DEEP BORINGS/COMPLEX SCOPE [LS]	4 Deep Boring/Cmplx Scope[LS]	1	\$19,999.00	\$19,999.00	Cost Catalog No. E.8-3
LAND ACQUISITION	[EA]	1	\$71,905.00	\$71,905.00	Engineers Estimate
LIMIT SWITCH	[EA]	2	\$5,000.00	\$10,000.00	Engineers Estimate
LIMIT SWITCH W/TRENCHING	[EA]	1	\$27,000.00	\$27,000.00	Engineers Estimate
MAINTENANCE AREA 4" DEPTH [SF]	4in depth [SF]	1000	\$4.41	\$4,410.00	Cost Catalog No. A.15-1
MOTORIZED GATE	[EA]	1	\$11,000.00	\$11,000.00	Engineers Estimate
ON-SITE GRADING EXCAVE/EMBANK, TANK SITE [LS]	Excave/Embank, Tank Site [LS]	1	\$41,450.00	\$41,450.00	Cost Catalog No. F.7-3
PROJECT MANAGER	CW-EA Proj MGR LABOR [HR]	668.71	\$139.41	\$93,224.86	Labor SKU
REAL ESTATE OR BROKER FEE (5% OF LAND ACQUISITION FEE)	[EA]	1	\$3,595.00	\$3,595.00	Engineers Estimate

133248 Cost Estimate

Capital Project Cost Estimate

Project No. : 133248
Description SEL 016 Panelboard & Generator
District / Department: Selma
Project Start Date: 01/01/2025
Project Completion Date: 12/03/2027
Prepared By: jagraham
Date Initiated: 11/26/2023
Base Year: 2023
Sub-Total: \$2,217,167
Direct Cost: \$2,399,032

Cost Table:

Item	Description [units]	Qty	Unit Cost	Total	Cost Basis
_ELECTRICAL, INSTRUMENTATION, AND CONTROLS SUBCONTRACT(LS)	[EA]	1	\$1,184,480.76	\$1,184,480.76	RS Means
_PRE-ENGINEERED METAL CANOPY 8' X 6' X 8' TALL(LS)	[EA]	48	\$51.45	\$2,469.72	Engineers Estimate
_SLAB 15' X 5' X 12" THICK FOR NEW PANEL(CY)	[EA]	3	\$837.02	\$2,511.06	Engineers Estimate
_SLAB 9' X 7' X 12" THICK FOR EQUIPMENT PAD(CY)	[EA]	2.5	\$843.45	\$2,108.62	Engineers Estimate
10% CONTINGENCY	[EA]	1	\$201,560.67	\$201,560.67	Additional Factors
10% CM/SI	[EA]	1	\$159,126.84	\$159,126.84	Additional Factors
5% LOCATION FACTOR	[EA]	1	\$88,403.80	\$88,403.80	Additional Factors
BOLLARDS(EA)	[EA]	8	\$1,343.23	\$10,745.83	Engineers Estimate
CIVIL ENGINEER	CW-Civil Eng LABOR [HR]	228	\$139.41	\$31,785.48	Labor SKU
DISTRICT FIELD STAFF	CW-LABOR-FIELD LABOR [HR]	100	\$88.12	\$8,812.00	Labor SKU
DISTRICT SUPERINTENDENT	CW-LABOR-FIELD MGR/SUPV [HR]	96	\$115.92	\$11,128.32	Labor SKU
ELECTRICAL ENGINEER	CW-Elect Eng LABOR [HR]	535	\$139.41	\$74,584.35	Labor SKU
EMT	CW-EMT LABOR [HR]	104	\$112.12	\$11,660.48	Labor SKU
ENVIRONMENTAL PM	CW-EA Proj MGR LABOR [HR]	96	\$139.41	\$13,383.36	Labor SKU
NEW WELL PUMP(EA)	[EA]	1	\$165,635.31	\$165,635.31	Engineers Estimate
PERMITS	[EA]	1	\$104,544.61	\$104,544.61	Engineer's Estimate
PROJECT MANAGER	CW-Civil Eng LABOR [HR]	443	\$139.41	\$61,758.63	Labor SKU
SCADA TECHNICIAN	CW-SCADA Tech LABOR [HR]	104	\$108.96	\$11,331.84	Labor SKU
TECHNICIAN	CW-Eng Tech LABOR [HR]	397	\$108.96	\$43,257.12	Labor SKU
TRENCHING AND BACKFILL(LS)	[EA]	1	\$27,878.56	\$27,878.56	Engineers Estimate

Sub-total = \$2,217,167.36
Direct Cost = \$2,399,032.27

Notes:

1. Sub-Total is defined as the summation of all project estimated materials, labor, and markups costs
2. Direct Cost is the escalate Sub-Total from the base year of 2023 to the project completion year assuming a 2.5% inflation rate
3. See Common Plant Book for additional details on cost estimating methodology and justification