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Recommendations



 Receive the June 2019 Monthly Status Report (Q4 FY 18/19 Status Report) for the Water Reclamation Facility and provide feedback





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Reporting process overview



- Single report for CFAC, WRFCAC, and City Council produced each month
 - Tracking of actual expenditures
- Monthly report expanded every third month (close of each quarter)
 - Budget reconciliation
- Budget is re-baselined annually

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Summary of Project status



- Project is on budget
 - New budget inline with original \$126 million budget (2018 Rate Study)
- Several major elements of the Project are behind schedule
- Overall Project is on schedule
 - TSO Compliance February 28, 2023
 - Substantial Completion November 30, 2021

Budget history



| Project Component | Baseline (Q4 FY 17/18) | Quarterly Reconciliation (Q3 FY 18/19) | Annual Re-Baselined (Q4 FY 18/19) |
|-----------------------------|---------------------------|---|---|
| Water Reclamation Facility | \$62,414,000 | \$74,059,000 | \$72,891,000 |
| Conveyance Facilities | \$21,087,000 | \$27,108,000 | \$28,864,000 |
| Recycled Water Facilities | \$8,593,000 | \$5,366,000 | \$5,250,000 |
| General Program | \$24,403,000 | \$11,614,000 | \$11,801,000 |
| Construction Contingency(1) | \$9,444,000 | \$6,450,000 | \$7,132,000 |
| Total | \$125,941,000 | \$124,597,000 | \$125,938,000 |

2018 Rate Study

First Budget Review

FY 19/20 Baseline

New baseline budget summary



- Water Reclamation Facility
 - Reduction in soft cost elements (i.e., construction management, etc.)
 - Reallocation of costs into contingency
 - Increase in budget for Tri-W site purchase
- Conveyance Facilities
 - Addition of Willow Camp Creek trenchless crossing
 - Additional potholing effort during design
- Recycled Water Facilities
 - Minimal changes
- General Project
 - Addition of Outfall Management Plan
 - Additional forecasted budget for routine meetings, etc.

Key accomplishments and challenges



| Project Component | Key Accomplishments | Critical Challenges | Actions to Overcome Challenges | Likely Outcomes |
|------------------------------|---|---|--|--|
| General Project - | Nearing completion of the Draft Final Environmental Impact Report (FEIR) Addendum for circulation | | | |
| | Continued working with California Coastal Commission (CCC) staff to complete the CDP application | | | |
| | Added to the fundable list in the adopted IUP for CWSRF | | | |
| Water Reclamation Facility | Continued development of the 60 Percent Design Submittal | | | |
| | Continued development of the Grading Design Submittal | | | |
| | | Meeting WIFIA and CWSRF requirements in order to start construction | Expedite the development of necessary materials for consultation with the SHPO | Delivery of documentation to WIFIA and CWSRF in early July 2019 should allow construction to start in September 2019 |
| Conveyance Facilities | Continued development of the 60 Percent Design Submittal | | | |
| | | Schedule recovery due to issues access Vistra and PG&E property | Work with WWE to expedite the final design schedule (options could include eliminating some intermediate deliverables) | Without expediting the schedule, delayed construction completion could impact the schedule for start-up of the WRF |
| Recycled Water Facilities | | Schedule recovery due to issues access Vistra and PG&E property | Work with GSI to expedite the completion of the Phase 2 hydrogeology work | The completion of the injection wells could be delayed (does not impact compliance with the time schedule order [TSO]) |

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Project dashboard

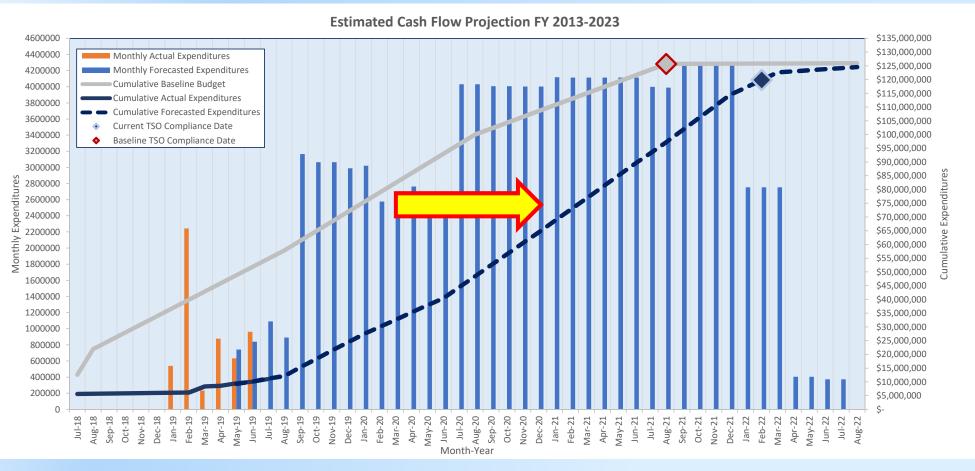


| Performance Measure | Data | Baseline (Q4FY 17/18) | Current (Q4 FY 18/19) | Delta | Status | © | (Y) | ® |
|---|--|--------------------------|--------------------------|--------------|--------|---|---|--|
| 1: Total Project Costs | Total Project Projected Cost at Completion versus the Baseline Budget (budget as of 6/30/19) | \$125.9 M | \$125.9 M | 0.0% | G | Estimated cost within 5% of target budget | Estimated cost > 5% above target budget | Estimated cost > 10% above target budget |
| 1.1: WRF Costs | On Site WRF Projected Cost at Completion versus the Baseline Budget (budget as of 6/30/19) | \$77.1 M | \$77.3 M | 0.0% | G | Estimated cost within 5% of target budget | Estimated cost > 5% above target budget | Estimated cost > 10% above target budget |
| 1.2: Conveyance Facilities Costs ^{(1), (2)} | Conveyance Facilities Projected Cost at Completion versus the Baseline Budget (budget as of 6/30/19) | \$26.3 M | \$31.3 M | 19.0% | ® | Estimated cost within 5% of target budget | Estimated cost > 5% above target budget | Estimated cost > 10% above target budget |
| 1.3: Recycled Water Facilities Costs ⁽¹⁾ | Off Site Injection Facilities Projected Cost at Completion versus the Baseline Budget (budget as of 6/30/19) | \$12.1 M | \$5.6 M | -116% | G | Estimated cost within 5% of target budget | Estimated cost > 5% above target budget | Estimated cost > 10% above target budget |
| 1.4: General Project Costs ⁽²⁾ | General Project Projected Cost at Completion versus the Baseline Budget (budget as of 6/30/19) | \$10.5 M | \$11.8 M | 12.4% | ® | Estimated cost within 5% of target budget | Estimated cost > 5% above target budget | Estimated cost > 10% above target budget |
| 2: Program Manager Earned Value | Ratio of Program Manager Earned Value to Actual Invoiced Cost-to-Date (as of 6/30/19) | 1.00 | 1.01 | 0.01 | G | >= 1.00 | o.99 to o.90 | <0.90 |
| 3: Schedule Performance Index ⁽³⁾ | Ratio of Planned Percent Complete to Actual Percent Complete (as of 6/30/19) | 1.00 | o.86 | -0.14 | Y | >=1.00 | o.99 to o.80 | <0.80 |
| 4: Conveyance Pipeline Installed | Feet of conveyance pipeline installed (thru 6/30/19) | 18,500 LF | o.o LF | 0.0% | G | <= 5% | > 5% and <=7.5% | >7.5% |
| 5: Compliance Date Countdown | Days Remaining to Compliance Date (as of 6/30/19) | 1,339 days | 884 days | -455 days | G | <= 365 days | 364 days and 180 days | > 179 days |

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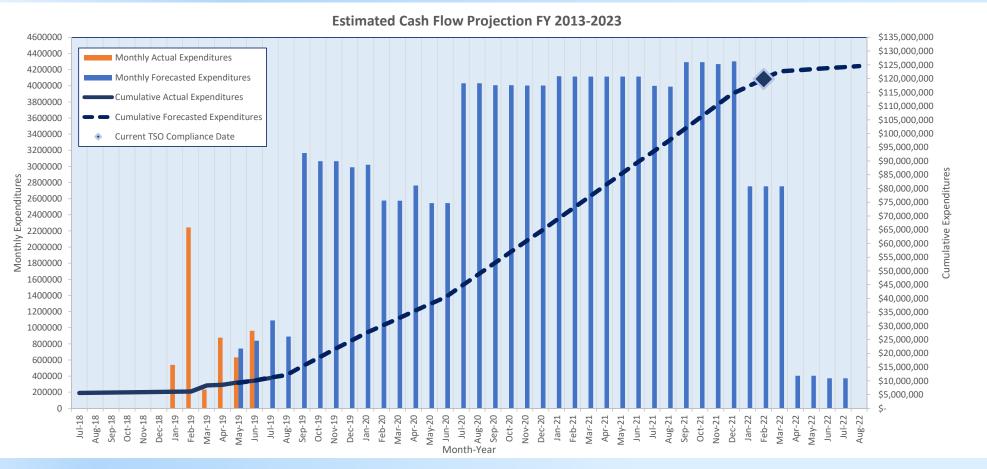
Current vs. planned expenditures





Current vs. planned expenditures





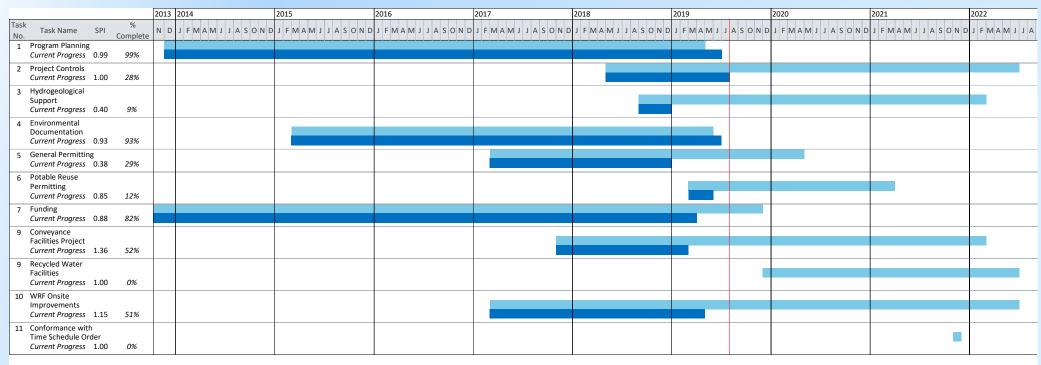
Expenditures to date



| Project | Actual Expenditures to Date | Total Contracted Cost | Contract Expended to Date (%) | Total Project Cost (Est.) | Cost Expended to Date (%) | | |
|------------------------------|-----------------------------------|--------------------------|-------------------------------------|------------------------------|---------------------------------|--|--|
| General Project | \$5,274,586 | \$6,425,172 | 82.1% | \$11,800,000 | 44.7% | | |
| WRF | \$3,163,060 | \$69,102,470 | 4.5% | \$77,300,000 | 4.1% | | |
| Conveyance Facilities | \$744,502 | \$1,360,564 | 54.7% | \$31,300,000 | 2.4% | | |
| Recycled Water Facilities | ' | | | | | | |
| Total | \$9,357,455 | \$77,239,207 | 12.1% | \$125,900,000 | 7.4% | | |

Schedule overview





Project SPI: 0.86
Program % Complete: 56%

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Schedule recovery strategies



- Task 3 Hydrogeological Support
 - Continue negotiations with Vistra to complete the necessary pump testing to characterize the west injection area
- Task 5 General Permitting
 - Expedite design of the Conveyance Facilities to complete the CDFW permit application (i.e., Morro Creek)
 - Confirm the need for a Caltrans encroachment permit on Teresa Road
- Task 6 Potable Reuse Permitting
 - Expedite completion of the Enhanced Source Control Plan
- Task 7 Funding
 - Expedite signing of the WIFIA loan agreement

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