

Three Rivers Levee Improvement Authority

200-year Goldfields Levee Project

**Urban Flood Risk Reduction
Funding Agreement #4600012115**

Dated: October 4, 2017

Quarter 7 Report

April- June 2019

**Submitted by:
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Executive Director**



September 12, 2019

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Table of Contents

1.	Background.....	1
2.	Summary.....	1
3.	Project Scope of Work	2
3.1.	Element 1: Grant Application	2
3.2.	Element 2: Program Management	2
3.3.	Element 3: Design and Right-of-Way Support.....	3
3.4.	Element 4: Environmental Review and Permitting	4
3.5.	Element 5: Right-of-Way Acquisition (Post Addition to SPFC)	4
3.6.	Element 6: Construction, Mitigation, and other Project activities (Post Addition to SPFC) 5	
3.7.	Element 7: Closeout Process (Post Addition to SPFC)	5
4.	Project Schedule	5
5.	Project Budget	7
6.	Deviations in Scope, Schedule, and Budget	7
7.	Special Topics	7
7.1.	Federal Authorization of the Project.....	7
7.2.	Additional Funding Request	8
8.	Legal Issues	8
9.	Actual and Projected Costs	8
10.	Payment Requested and State Disbursements	11
11.	Tracking Tables and Deliverables Table.....	14
11.1.	Earned Value Report by Element	14
11.2.	Earned Value	14
11.3.	200-Year Deliverables	14

Tables, Figures, and Charts

Table 2-1. Quarterly Payment Summary	2
Table 9-1. TRLIA - 200-Year Goldfields Levee Project Prior Quarter Actual Cost Comparison and True-Up
Table 10-2. TRLIA - 200-Year Goldfields Levee Project: True-Up Funding

**Table 10-3. TRLIA - 200-Year Goldfields Levee Project: Summary of Payment Request and Comparison to State Share Budget
Table 10-4. TRLIA - 200-Year Goldfields Levee Project: Payment Requests and State Disbursements
Table 11-1. Earned Value Report by Element
Table 11-2. 200-Year Deliverables 17**

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1. Background

As part of its 200-Year Goldfields Levee Project (Project), the Three Rivers Levee Improvement Authority (TRLIA) is constructing a new levee, approximately 2.6 miles long, to replace the deteriorating conditions of the high ground at the termination of the State Plan of Flood Control (SPFC) near the Yuba Goldfields. The Project is being funded by the State of California Urban Flood Risk Reduction (UFRR) Program via Funding Agreement #4600012115, which became effective on October 4, 2017. The cost of the Project, as reflected in the UFRR Funding Agreement, is \$41,265,000, with the State's cost share being \$32,600,000. Further reflected in Sections 5, 6 and 7 below and noted within TRLIA's April 5, 2019 letter to DWR, the total Project Costs have increased to \$53,958,430, with the State's cost share increasing to \$45,864,665 creating an additional need of \$13,264,665 in State Funding. Section 7 highlights this issue.

2. Summary

Significant activities and milestones occurring in Quarter 7 (April-June 2019), include:

- Complete development of the UFRR Real Estate Plan
- Redevelopment of interior drainage system and borrow strategy
- Review of geotechnical basis of design assumptions and resulting adjustments

As summarized in Table 2-1 and further detailed in Sections 9 & 10, TRLIA is not requesting an advance payment this quarter for work in future quarters. DWR, has provided advance funds as requested with the Quarter 6 report in the amount of \$5,310,251.63 to continue advancing work within Quarters 7 (April – June 2019) and 8 (July – September 2019). TRLIA is utilizing these funds to continue work associated with the WAPA and PGE power transmission line relocation efforts and expects that these funds are sufficient to fund all efforts through the 9th Quarter (October – December 2019). Further, because the primary focus of efforts through the 7th and 8th quarters will be the advancement of Right of Way acquisition processes and funding for right of way efforts is provided through the State's separate ROW of way payment processes, no advance funding for these efforts is requested as part of the submission of this Quarter 7 report.

TRLIA is requesting a reimbursement for the Local Share funds expended during the 6th Quarter (January – March 2019) based on available Local Credit and the costs documented within the 6th Quarter SOC submitted with this Quarter 7 report. TRLIA requests reimbursement for the Local Share of expended funds in the amount of \$107,755.

Table 2-1. Quarterly Payment Summary

Description	Amount
90% of State Share for Elements 1-4, 6&7 [1]	\$0
Local Credit True-Up [2]	\$107,755
Total Quarterly Payment Request	\$107,755

[1] No QPR7 Advance Requested

[2] Represents QPR 7 true-Up for Jan-Mar 2019

3. Project Scope of Work

This report covers the following quarters:

- Previous Quarter January – March 2019 (Quarter 6)
- Current Quarter April – June 2019 (Quarter 7)
- Next Quarter July – September 2019 (Quarter 8)

The following is a discussion of the work completed in the Previous Quarter, work occurring in the Current Quarter, and work planned for the Next Quarter.

3.1. Element 1: Grant Application

Complete. UFRR Funding Agreement #4600012115 was executed in October 2017.

3.2. Element 2: Program Management

Previous Quarter. TRLIA continues to support program implementation, which includes advancing design; acquiring permits; right of way acquisition; performing public outreach; adding the Project to the SPFC; execution of an Operation, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R) agreements financial reporting; and grant and funding agreement administration, throughout the duration of the Project.

Current Quarter. Same as previous quarter. Additionally, TRLIA is processing an agreement with RD 784 that requires RD 784 to seek an OMRR&R agreement with CVFPB. TRLIA is developing a scope of work to support a request to enter into an

Interagency and International Services (IIS) Agreement with USACE to facilitate USACE technical review of the project. See Section 7 for more information.

Next Quarter. Same as previous quarter. Additionally, the agreement with RD 784 will be executed and the IIS scope of work will be submitted to USACE in the next quarter.

3.3. Element 3: Design and Right-of-Way Support

Previous Quarter.

Design: The 65% design package was submitted to DWR and the SAR Panel in February 2019.

Right-of-Way Support: ROW activities occurring during the previous quarter included development of the UFRR Real Estate Plan, Phase 1 ESA activities, and continued outreach with property owners to keep them informed of the progress of the project.

Current Quarter.

Design: Design activities occurring in the current quarter are primarily focused on considering agency and SAR comments and incorporating those comments into the 90% basis of design, reducing acquisition of ag lands through design refinements and use of offsite borrow; reevaluating the interior drainage system based on NOAA data rainfall; and continued coordination with utility owners.

Right-of-Way Support: ROW activities for the current quarter include completion, submittal, and partial approval of the UFRR Real Estate Plan, development of the UFRR Relocation Plan; completion of the Phase 1 ESAs, new appraisals for properties; and outreach to property owners. Additionally, TRLIA is evaluating the need for flowage easements for the agricultural lands waterward of the new levee.

Next Quarter.

Design: Design activities planned for the next quarter include development of the 90% design package; preparation of responses to comments on the 65% design package, development of the 90% design package, secure borrow, and continued coordination with utility owners and other stakeholders to finalize design features (e.g., ramps, canals, utilities, etc). Work associated with the WAPA and PGE power line relocations is expected to slow as a result of additional evaluations and review of cost saving design modifications. As a result, the advance funds previously provided are expected to be sufficient not only through the 8th Quarter but the 9th Quarter as well.

Right-of-Way Support: Significant ROW support activities during the next quarter are anticipated based on partial approval of the UFRR Real Estate Plan. These include submittal of advance funding requests for acquisitions, performing Phase 2 ESAs, completion of outstanding appraisals, making initial offers to landowners, and submitting justification for why flowage easements are not necessary. TRLIA is requesting expeditious review of appraisals, ESAs, cadastral surveys, and advance funding requests for acquisitions in order to process projected ROW capital payments.

3.4. Element 4: Environmental Review and Permitting

Previous Quarter.

Environmental Review: No Activity.

Permitting: Very limited activities related to permitting occurred during the previous quarter. A revised wetland delineation report and request for a preliminary jurisdictional determination was submitted to the USACE.

Current Quarter.

Environmental Review: No Activity.

Permitting: Very limited activities related to permitting are occurring. Activities are related to coordination with USACE staff on jurisdiction of the potential wetlands. Site visits are occurring.

Next Quarter.

Environmental Review: Limited activity is planned during the next quarter. With establishment of the 90% design footprint, a review will occur to determine need for revisions and/or updates to the EIR.

Permitting: Limited activity is planned during the next quarter. Development of the Section 404 permit application will occur and submittal of the application is planned.

3.5. Element 5: Right-of-Way Acquisition (Post Addition to SPFC)

Previous Quarter. No Activity. Certification of the Final SEIR in the previous quarter allows TRLIA to make acquisitions.

Current Quarter. No Activity. See Element 3 for a discussion of ROW support activities including the UFRR Real Estate Plan and advance funding requests for acquisitions.

Next Quarter. Acquisition of properties are planned to occur during the next quarter, pending negotiations with property owners.

3.6. Element 6: Construction, Mitigation, and other Project activities (Post Addition to SPFC)

Previous Quarter. No Activity.

Current Quarter. No Activity.

Next Quarter. No construction activity is planned in the next quarter. However, TRLIA does expect to provide advance payments to PG&E and WAPA for relocation of transmission and distribution facilities, thus allowing for this work to occur shortly thereafter.

3.7. Element 7: Closeout Process (Post Addition to SPFC)

Previous Quarter. No Activity

Current Quarter. No Activity

Next Quarter. No activity.

4. Project Schedule

TRLIA anticipates delivering the Project within the original timeframe (2021), and prior to the expiration of the UFRR Funding Agreement (2022).

Figure 4-1. Schedule of 200-Year Goldfields Project

GOLDFIELDS 200-YEAR PROJECT

ID	Task Name	Duration	Start	Finish	2018		2019				2020				2021				2022			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1	Element 1: Grant Application	26 days	Fri 5/15/15	Fri 6/19/15																		
2	Feature 1: Grant Application Efforts	26 days	Fri 5/15/15	Fri 6/19/15																		
3	Element 2: Program Management	1838 days	Fri 5/15/15	Tue 5/31/22																		
4	Feature 1: Government Salaries, Benefits and General Expense	1838 days	Fri 5/15/15	Tue 5/31/22																		
5	Feature 2: Program Consultant Expenses	1838 days	Fri 5/15/15	Tue 5/31/22																		
6	Feature 3: Legal Support	1838 days	Fri 5/15/15	Tue 5/31/22																		
7	Element 3: Design and Right of Way Support	1271 days	Mon 9/19/16	Mon 8/2/21																		
8	Feature 1: Design	901 days	Mon 9/19/16	Mon 3/2/20																		
9	Feature 2: Right of Way Support	1154 days	Wed 3/1/17	Mon 8/2/21																		
10	Element 4: Environmental Review and Permitting	770 days	Wed 1/18/17	Tue 12/31/19																		
11	Feature 1: CEQA and NEPA Process	565 days	Mon 5/1/17	Fri 6/28/19																		
12	Feature 2: Permitting and Addition to the SPFC	770 days	Wed 1/18/17	Tue 12/31/19																		
13	Element 5: Right of Way Acquisition (Post Addition to SPFC)	260 days	Tue 8/6/19	Mon 8/3/20																		
14	Feature 1: Right of Way Capital Cost	260 days	Tue 8/6/19	Mon 8/3/20																		
15	Element 6: Construction, Mitigation, and Other Project Activities (Post Addition to SPFC)	587 days	Mon 6/3/19	Tue 8/31/21																		
16	Utility Relocations and Modifications	217 days	Mon 6/3/19	Tue 3/31/20																		
17	Feature 1: Construction	189 days	Wed 4/1/20	Mon 12/21/20																		
18	Feature 2: Construction Management	234 days	Wed 4/1/20	Mon 2/22/21																		
19	Feature 3: Environmental Mitigation	107 days	Tue 11/5/19	Wed 4/1/20																		
20	Feature 4: O&M Manual Addendum	329 days	Wed 3/4/20	Mon 6/7/21																		
21	Feature 5: Certification	151 days	Tue 2/2/21	Tue 8/31/21																		
22	Element 7: Closeout Process (Post Addition to SPFC)	346 days	Mon 2/1/21	Tue 5/31/22																		
23	Feature 1: Closeout Work	16.13 emons	Mon 2/1/21	Tue 5/31/22																		

5. Project Budget

The current Overall Work Plan Budget reflected in the funding agreement is summarized in Table 5-1. In September 2018, TRLIA requested that DWR adjust their funding cost share to provide the full allowable share (i.e., 85%) since State funds are available to support full cost share by DWR. The original funding agreement only provided for a state cost share of 79%. Subsequently, in November 2018 and again in April 2019, TRLIA reiterated that request and also requested increases to the Overall Work Plan Budget. The sum of these budget increases is also shown in Table 5-1.

Table 5-1. Overall Work Plan Budget

Element	Description	Funding Agreement Budget	Current Budget	State Share \$ [1]
1	Grant Application	\$25,100	\$25,100	\$21,335
2	Program Management	\$2,250,000	\$2,250,000	\$1,912,500
3	Design & ROW Support	\$5,892,300	\$5,650,000	\$4,802,500
4	Envrionmental Review & Permitting	\$1,015,700	\$1,300,000	\$1,105,000
5	ROW Acquisition (Post Add to SPFC)	\$8,327,100	\$7,174,515	\$6,098,338
6	Construction, Mitigation, & Other Project Activites (Post	\$23,659,900	\$37,463,115	\$31,843,647
7	Closeout Process (Post Add to SPFC)	\$95,700	\$95,700	\$81,345
Total		\$41,265,800	\$53,958,430	\$45,864,665

[1] State cost share is 85%. The State shown in this Table is reflective of TRLIA pending request for additional State Funding.

6. Deviations in Scope, Schedule, and Budget

There are no scope, schedule, or deviations being raised in this quarterly report. Two prior deviations, submitted in letters to DWR in November 2018 and April 2019, were discussed in the prior quarterly report. The sum of these budget deviations is shown in Table 5-1. TRLIA is awaiting DWR approval of the budget increases and agreement amendments. More information on this request is found in Section 7.

7. Special Topics

7.1. Federal Authorization of the Project

The project was federally authorized in November 2018 as part of the America's Water Infrastructure Act of 2018 (also known as WRDA18). The authorization supersedes the need for Section 408 permission. TRLIA has discussed how to facilitate the USACE's involvement during design and construction with DWR, CVFPB, and USACE. A first

option was through the Floodplain Management Services (FPMS) Program which was subsequently determined as not viable by USACE legal. A second option, the IIS program (discussed above in Section 3.2) was offered. If the IIS option is determined to not be viable, there is no clear path forward for including USACE into the process until after design and construction. USACE permission is not required to construct the project.

While the IIS agreement continues to be pursued, TRLIA continues to advance design of the project to ensure construction can begin in 2020 and the project can be completed and closed out prior to expiration of the grant agreement in 2022.

7.2. Additional Funding Request

As discussed in several section above, TRLIA has submitted a letter requesting an increase in the overall workplan budget. This letter also requests that remaining funding from TRLIA's Feather River Levee Improvement Project (FRLIP) and Upper Yuba River Levee Improvement Project (UYRLIP) Early Implementation Projects be reallocated to the 200-Year Goldfields Levee Project. TRLIA has requested DWR's expeditious review and approval of these requests.

8. Legal Issues

There are currently no pending legal actions associated with the project.

9. Actual and Projected Costs

Credit Period: On October 23, 2017, TRLIA submitted a credit request totaling \$597,062.03 for the State's review and approval. A detailed statement of actual costs and a signed invoice were provided in the October 2017 TRLIA credit request. This initial request covered costs incurred through August 2017. A supplemental request was submitted on March 31, 2018 covering costs after the initial credit request to October 3, 2017. The State's share was \$585,204.87. On June 20, 2018 TRLIA submitted a revised supplemental credit request adjusting ENGEO's reimbursable expenses markup from 20% down to 5%. The State's share of the supplemental request is \$561,909.92.

Table 9-1 on the following page provides a summary of the previously projected costs for Quarter 6 (January – March 2019) (reference the Quarter 5 report) as compared to the actual Costs for Quarter 6 (refer to SOC included with this report dated September 12, 2019). **Table 9-1** also shows the State Share True-Up amount and Local Credit True-Up amounts for the actual costs incurred during Quarter 6 (January – March 2019).

Table 9-2 provides a reconciliation of the approved credit and approved and projected credit payments.

Table 9-1. TRLIA - 200-Year Goldfields Levee Project Prior Quarter Actual Cost Comparison and True-Up

Element	Description	State Cost Share A	Previously	Actual Costs for	Difference	Actual State Cost	Retention on	Payment By State G = E - F	Local Creditable Cost Share H = C x (1 - A)
			Projected Costs [1] B	Quarter 6 [2] C	between QTR and Actual D = B - C	Share E = C x A	Actual State Cost Share (10%) F = E x 10%		
1	Grant Applicatoin	85%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Program Management	85%	\$ 123,592	\$ 114,569	\$ 9,023	\$ 97,383	\$ 9,738	\$ 87,645	\$ 17,185
3	Design & ROW Support	85%	\$ 155,252	\$ 461,327	\$ (306,075)	\$ 392,128	\$ 39,213	\$ 352,915	\$ 69,199
4	Environmental Review & Permitting	85%	\$ 75,059	\$ 92,474	\$ (17,415)	\$ 78,603	\$ 7,860	\$ 70,742	\$ 13,871
5	ROW Acquisition	85%	\$ -	\$ 252,437	\$ (252,437)	N/A	N/A	N/A	N/A
6	Construction, Mitigation, & Other Project	85%	\$ -	\$ 50,000	\$ (50,000)	\$ 42,500	\$ 4,250	\$ 38,250	\$ 7,500
7	Closeout Process	85%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ 353,903	\$ 970,806	\$ (616,904)	\$ 610,614	\$ 61,061	\$ 549,553	\$ 107,755

[1] Projected costs for Quarter 6 (refer to QPR5)

[2] Reference SOC dated September 12, 2019 subject to DWR Review

Table 9-2. TRLIA - 200-Year Goldfields Levee Project Remaining Authorized Local Credit

Total Use of Credit	Amount
Initial Starting Credit Request	\$575,808
Supplemental Credit Request	\$561,910
Authorized Local Credit by DWR (to date)	\$1,137,718
less Credit Payments received (Credit Payment No. 1)	N/A
Quarter 1 local share paid by State	\$52,037
Quarter 2 local share paid by State	\$96,436
Quarter 3 local share Paid by State	\$104,449
Quarter 4 local share Paid by State	\$121,286
Quarter 5 local share Paid by State	\$80,551
Pending Quarter 6 local share	\$107,755
Remaining Authorized Local Credit	\$575,204

10. Payment Requested and State Disbursements

This section of the report has been updated to include an accounting of quarterly costs incurred from the prior quarter as documented within the submitted quarterly Statements of Cost and any requested true-up funding. This requested funding is summarized in the following tables listed below.

Table 10-1 shows the Next Quarter's projected costs and associated advance request net of any true-up against prior advances and Right of Way capital projections. (Note – any prior advance funds not expended are netted from this request). [**Note – this Table is not applicable as no advance is requested with this Quarter 7 report for the 9th quarter**].

Table 10-2 provides the detail of any excess funding (or funding due) shown on Table 10-1. Excess funding (or funding due) is determined based on the State's share of the prior Advance Payments as compared to the State's Share of expenses (net of retention) documented within TRLIA's Statement of Costs.

Table 10-3 shows the remaining State budget after prior State payments (both State Share and Local Credit) as well as the projected remaining budget after the payment request shown on Table 10-1.

Table 10-4 shows a ledger of payments made to date, their use (either Local Credit or State Share Advance or True-Up) and the remaining grant balance.

Table 10-1. TRLIA - 200-Year Goldfields Levee Project: True-Up Funding

Element	Description	True Up Costs	True Up Cost	Total True Up	State Share of	Retention on	State Share of	Payments	True Up Funding
		QTR 6 [1]	QTR 1-5 [2]	Costs	True Up Costs	State Share of	True Up Costs	Received [3]	
		A	B	C = A + B	D = 0.85 * C	E = D x 10%	F = D - E	G	H = F - G
1	Grant Applicatoin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Program Management	\$ 114,569	\$ 500,930	\$ 615,498	\$ 523,173	\$ 52,317	\$ 470,856	\$ 468,856	\$ 2,000
3	Design & ROW Support	\$ 461,327	\$ 1,992,455	\$ 2,453,782	\$ 2,085,715	\$ 208,571	\$ 1,877,143	\$ 1,542,708	\$ 334,435
4	Environmental Review & Permitting	\$ 92,474	\$ 426,562	\$ 519,035	\$ 441,180	\$ 44,118	\$ 397,062	\$ 312,446	\$ 84,616
5	ROW Acquisition	\$ 252,437	\$ 5,000	\$ 257,437	N/A	N/A	N/A	\$ -	N/A
6	Construction, Mitigation, & Other Project	\$ 50,000	\$ -	\$ 50,000	\$ 42,500	\$ 4,250	\$ 38,250	\$ -	\$ 38,250
7	Closeout Process	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ 970,806	\$ 2,924,946	\$ 3,895,753	\$ 3,092,568	\$ 309,257	\$ 2,783,312	\$ 2,324,010	\$ 459,301

[1] Reference **Table 9-1**, Total Subject to DWR Review

[2] Reference Previously Approved DWR Statement of Costs for QTR1-5

[3] Payments received through March 2019

Table 10-2. TRLIA - 200-Year Goldfields Levee Project: Summary of Payment Request and Comparison to State Share Budget

Element	Description	Prior State	State Share	Remaining State	Pending	State Share of	Remaining State
		Payments	Budget	Share Budget	Advanced	Projection	Share Budget
		(Advances and			Request [2]	Quarter 9	
		True Ups) [1]					
		A	B	C = B - A	D	E	F = C - D
1	Grant Application	\$ -	\$ 21,335	\$ 21,335	\$ -	\$ -	\$ 21,335
2	Program Management	\$ 704,668	\$ 1,912,500	\$ 1,207,832	\$ -	\$ -	\$ 1,207,832
3	Design & ROW Support	\$ 1,881,554	\$ 4,802,500	\$ 2,920,946	\$ -	\$ -	\$ 2,920,946
4	Environmental Review & Permitting	\$ 538,840	\$ 1,105,000	\$ 566,160	\$ -	\$ -	\$ 566,160
5	ROW Acquisition	\$ -	\$ 6,098,338	\$ 6,098,338	\$ -	\$ -	\$ 6,098,338
6	Construction, Mitigation, & Other Project	\$ 5,072,906	\$ 31,843,647	\$ 26,770,741	\$ -	\$ -	\$ 26,770,741
7	Closeout Process	\$ -	\$ 81,345	\$ 81,345	\$ -	\$ -	\$ 81,345
		\$ 8,197,968	\$ 45,864,665	\$ 37,666,697	\$ -	\$ -	\$ 37,666,697

[1] Includes all State Payments to Date

[2] All pending requests

Table 10-3. TRLIA - 200-Year Goldfields Levee Project: Payment Requests and State Disbursements

Report	Payment		Payment		Total Payment		Notes
	Request Date	Payment Type	Receipt Date	Credit Portion	State Portion	Amount	
QPR1	2/23/2018	Advance	3/9/2018	\$0	\$1,051,439	\$1,051,439	Q1&Q2 Advance
QPR2	3/28/2018	Advance	9/17/2018	\$52,037	\$489,201	\$541,238	Q3 Advance, Q1 Local True-Up
QPR3	6/12/2018	Advance	8/21/2018	\$96,436	\$674,422	\$770,858	Q4 Advance, Q2 Local True-Up
QPR4	12/28/2018	Advance	2/7/2019	\$104,449	\$0	\$104,449	Q5&Q6 Advance, Q3 Local True-Up
QPR5	1/23/2019	Advance	3/28/2019	\$121,286	\$217,895	\$339,181	Q6&Q7 Advance, Q4 Local True-Up
QPR6	7/1/2019	Advance	8/22/2019	\$80,551	\$5,310,251	\$5,390,802	Q8 Advance, Q5 Local True-Up
QPR7	8/1/2019	Advance	In Progress	*\$107,775	\$0	*\$107,775	Q9 Advance, Q6 Local True-Up
Cumulative Payments				\$454,758	\$7,743,209	\$8,197,967	
Total Grant Amount [1]				\$8,093,765	\$45,864,665	\$53,958,430	
Grant Amount Remaining				\$7,639,006	\$38,121,456	\$45,760,463	

* Pending DWR Approval

11. Tracking Tables and Deliverables Table

11.1. Earned Value Report by Element

Table 11-1 on the following page, provides a summary of the costs expended to date, as compared to earned value.

11.2. Earned Value

Chart 11-1 tracks the planned costs, earned value, and actual costs for the Project. Commencing with start of Quarter 1, the Planned Cost, Earned Value, and Actual Costs, as shown in the chart, have been aligned as a starting point for tracking. Moving forward, the chart will show the Earned Value and Actual Costs incurred, relative to Planned Costs over time.

11.3. 200-Year Deliverables

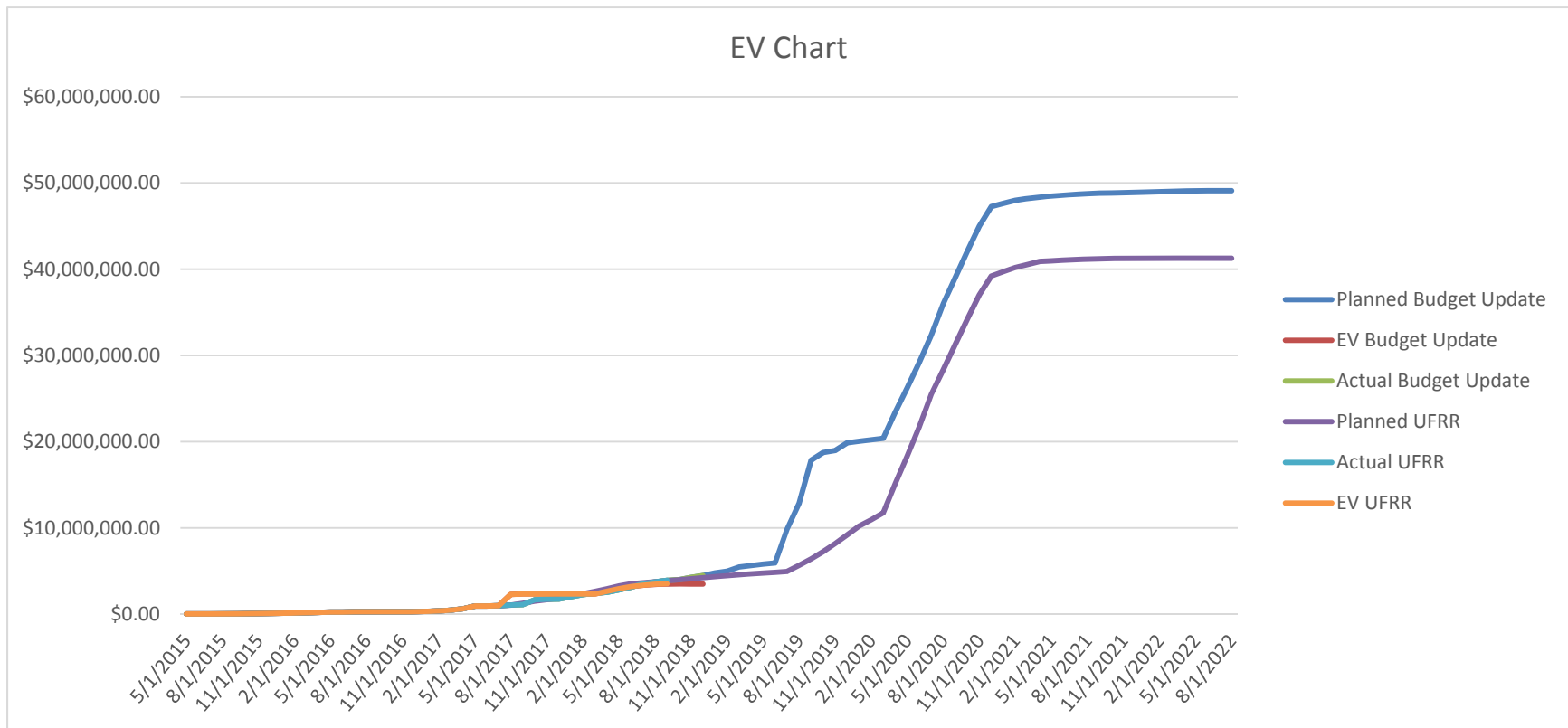
Table 11-2 lists the deliverables associated with the project and each deliverable planned date of submittal. The final two columns indicate placeholders for each deliverable's projected date of submittal and acceptance to DWR.

Table 11-1. Earned Value Report by Element

Element	Description	OAWP Budget	Cost incurred [1]	% Spent	% Progress	Planned Value	% Schedule Elapsed	Earned [1] Value
1	Grant Application	\$25,100	\$25,040	99.8%	100.0%	\$25,040	99.8%	\$25,100
2	Program Management	\$2,250,000	\$1,039,027	46.2%	40.0%	\$1,049,727	46.7%	\$900,000
3	Design & ROW Support	\$5,650,000	\$3,127,211	55.3%	41.0%	\$3,203,478	56.7%	\$2,316,500
4	Environmental Review & Permitting	\$1,300,000	\$882,541	67.9%	27.0%	\$889,124	68.4%	\$351,000
5	ROW Acquisition (Post Add to SPFC)	\$7,174,515	\$257,437	3.6%	0.0%	\$257,437	3.6%	\$0
6	Construction, Mitigation, & Other Project Acti	\$37,463,115	\$50,000	0.1%	0.0%	\$50,750	0.1%	\$0
7	Closeout Process (Post Add to SPFC)	\$95,700	\$0	0.0%	0.0%	\$0	0.0%	\$0
		\$53,958,430	\$5,381,256	10.0%	6.7%	\$5,475,556	10.1%	\$3,592,600

[1] Total Cost As of March 2019, DWR reviewed total cost through December 31, 2018

Chart 11-1. Earned Value



[1] Prior to August 2017 Planned, Earned, and Actual Costs are aligned.

Table 11-2. 200-Year Deliverables

Required Deliverable	Planned Date of Submittal	Date Submitted to DWR	Date DWR Accepted
RE Environmental Site Assessments	Q8. 2019	Not Submitted	Not Accepted.
90% Design Package	Q8. 2019	Not Submitted	Not Accepted.
Final Real Estate Accounting Packages	Rolling. Q8-Q17. 2019-2021	Not Submitted	Not Accepted.
Flood Risk Resolution	Q9. 2018	Not Submitted	Not Accepted.
USFWS Section 7	Q10. 2020	Not Submitted	NA
SHPO Section 106	Q10. 2020	Not Submitted	NA
USACE NEPA Document	Q10. 2020	Not Submitted	NA
404 Permit	Q10. 2020	Not Submitted	NA
RWQCB 401 Permit	Q10. 2020	Not Submitted	NA
DFW 1602 SAA	Q10. 2020	Not Submitted	NA
Encroachment Permit	Q10. 2020	Not Submitted	NA
Final Design Drawings and Specifications	Q10. 2020	Not Submitted	Not Accepted.
Construction Bid Documents	Q10. 2020	Not Submitted	Not Accepted.
OMRR&R Agreement	Q10. 2020	Not Submitted	Not Accepted.
Interim OMRR&R Manual	Q12. 2020	Not Submitted	Not Accepted.
OMRR&R Draft Manual	Q12. 2020	Not Submitted	Not Accepted.
Property Transfer to SSJDD	Rolling. Q14-Q19. 2021-2022	Not Submitted	Not Accepted.
Safety and Emergency Response Plan (“Flood Safety Plan”)	Q15. 2021	Not Submitted	Not Accepted.
OMRR&R Final Manual	Q15. 2021	Not Submitted	Not Accepted.
As-Built Drawings	Q15. 2021	Not Submitted	Not Accepted.
Addition to the SPFC	Q15. 2021	Not Submitted	Not Accepted.
Construction Completion Report	Q15. 2021	Not Submitted	Not Accepted.
Project Completion Report	Q16. 2021	Not Submitted	Not Accepted.
Project Real Estate Plan		Q7. 2019	Partial approval in Q8.
Real Estate Appraisals	Rolling	Started in Q7.	Not Accepted.
65% Design Package		Q6. 2018	Comments Received
AB 52 Consultation	Q7. 2019	Q6. 2018	NA
CEQA Supplement		Q6. 2018	NA
Clear Path to SPFC Requirement		Q5. 2018	NA
408 Permission	Not Required.		
Section 221 Credit MOU	NA		
2081 Permit	Not Required.		