

# San Diego Integrated Regional Water Management

## 2019 IRWM Implementation Grant Proposal

### Schedule

Attachment 6 consists of the following items:

- ✓ **Schedule.** This attachment includes the schedule for implementation of each project.

## Contents

Project 1: Paradise Valley Creek Water Quality and Community Enhancement.....	3
Budget Category (a) Project Administration.....	3
Budget Category (b) Land Purchase/Easement .....	4
Budget Category (c) Planning/Design/Engineering/Environmental Documentation.....	4
Budget Category (d) Construction/Implementation.....	4
Project 2: North City Pure Water Facility Influent Pump Station .....	6
Budget Category (a) Project Administration.....	6
Budget Category (b) Land Purchase/Easement .....	6
Budget Category (c) Planning/Design/Engineering/Environmental Documentation.....	7
Budget Category (d) Construction/Implementation.....	7
Project 3: 2020 Regional Water Use Efficiency Program .....	9
Budget Category (a) Project Administration.....	9
Budget Category (b) Land Purchase/Easement .....	9
Budget Category (c) Planning/Design/Engineering/Environmental Documentation.....	10
Budget Category (d) Construction/Implementation.....	10
Project 4: Lower Santa Margarita River IPR Pilot Project.....	12
Budget Category (a) Project Administration.....	12
Budget Category (b) Land Purchase/Easement .....	12
Budget Category (c) Planning/Design/Engineering/Environmental Documentation.....	13
Budget Category (d) Construction/Implementation.....	13
Project 5: Pure Water Oceanside.....	15
Budget Category (a) Project Administration.....	15
Budget Category (b) Land Purchase/Easement .....	15
Budget Category (c) Planning/Design/Engineering/Environmental Documentation.....	16
Budget Category (d) Construction/Implementation.....	16
Project 6: North County Recycled Water Project .....	18
Budget Category (a) Project Administration.....	18
Budget Category (b) Land Purchase/Easement .....	19
Budget Category (c) Planning/Design/Engineering/Environmental Documentation.....	19
Budget Category (d) Construction/Implementation.....	19

Project 7: San Elijo Stormwater Capture & Reuse .....	22
Budget Category (a) Project Administration.....	22
Budget Category (b) Land Purchase/Easement .....	22
Budget Category (c) Planning/Design/Engineering/Environmental Documentation .....	23
Budget Category (d) Construction/Implementation.....	23
Grant Administration.....	24
Budget Category (a) Project Administration.....	24

## Project 1: Paradise Valley Creek Water Quality and Community Enhancement

**Local Project Sponsor:** City of National City

**Partners:** City of San Diego Transportation and Storm Water Department, Environmental Health Coalition, Paradise Creek Educational Park, ARTS Program, California Conservation Corps

**Table 6-1** provides a summary of the schedule for *Paradise Valley Creek Water Quality and Community Enhancement*. The schedule has been developed assuming that DWR awards a contract on May 1, 2020. Work on this phase of the project will begin in May 2020, and the final Project Completion Report will be completed in November 2022. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5). The reasonableness of this schedule is provided following the table. This schedule was developed by the City of National City's Design Engineer (Harris & Associates), and adjusted to reflect timing of Final Grant Award, the Phase 2 project components, and the City's experience administering the *Proposition 1 DACI Grant*.

**Table 6-1: Schedule for *Paradise Valley Creek Water Quality and Community Enhancement***

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/2/2020</b>	<b>11/4/2022</b>
	Task 1 – Project Management	5/2/2020	11/4/2022
	Task 2 – Reporting	5/2/2020	11/4/2022
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>8/2/2020</b>	<b>11/2/2020</b>
	Task 4 – Feasibility Studies	N/A	N/A
	Task 5 – CEQA Documentation	N/A	N/A
	Task 6 – Permitting	N/A	N/A
	Task 7 – Design	N/A	N/A
	Task 8 – Project Performance Monitoring Plan	8/2/2020	11/2/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>5/2/2020</b>	<b>7/20/2022</b>
	Task 9 – Contract Services	5/2/2020	12/20/2020
	Task 10 – Construction Administration	5/2/2020	7/20/2022
	Task 11 – Construction/Implementation Activities	1/14/2021	5/20/2022
	11.1: Mobilization, Demobilization and Site Preparation	1/14/2021	5/20/2022
	11.2: Channel Improvements	2/14/2021	3/31/2022
	11.3: Culvert Replacement	2/14/2021	12/31/2021
	11.4: Curb Construction and Safety Measures	1/1/2022	5/20/2022
	11.5: Educational Signage	1/1/2022	5/20/2022

### Budget Category (a) Project Administration

#### Task 1: Project Management

National City will be responsible for grant administration and coordinating with SDCWA and DWR to provide required documentation for grant contract execution. Tracking monthly status of the overall project and attending monthly status meetings with the project team will also be required. Project Management for the project will begin with Final Grant Award, assumed to be May 1, 2020 and is expected to end approximately five months after completion of construction and submittal of the Letter of Map Revision (Task 11) to provide time for final invoicing and reporting for the grant. Invoices will be submitted to the grant administrator for quarterly submittal via SDCWA to DWR for the duration of the project. This task will end in November 2022.

#### Task 2: Reporting

The City's Project Manager will compile Progress Reports quarterly for submittal to DWR via SDCWA, beginning with Final Grant Award (assumed May 1, 2020). Eight quarterly progress reports will be prepared until construction is complete (Task 11). A project completion report will be drafted at the end of construction (July 2022) and will be

completed by November 2022. This task will end in November 2022.

#### **Budget Category (b) Land Purchase/Easement**

##### **Task 3: Land Purchase/Easement**

Not applicable – no land purchases or easements are required for this project because the project is located on land purchased by the City of National City around the 1900s.

#### **Budget Category (c) Planning/Design/Engineering/Environmental Documentation**

##### **Task 4: Feasibility Studies**

Not applicable – all necessary feasibility studies were previously completed.

##### **Task 5: CEQA Documentation**

Not applicable – CEQA documentation was previously completed (June 2019) under the *Proposition 1 DACI Grant*.

##### **Task 6: Permitting**

Not applicable – permitting was previously acquired (July 2019) through the *Proposition 1 DACI Grant*.

##### **Task 7: Design**

Not applicable - design for the project was previously completed through the *Proposition 1 DACI Grant*.

##### **Task 8: Project Performance Monitoring Plan**

A Project Performance Monitoring Plan will be developed to guide monitoring of project outcomes to track progress towards meeting the project benefits. The Project Performance Monitoring Plan will be developed starting in August 2020, will take approximately 50 hours, and will be complete in November 2020.

#### **Budget Category (d) Construction/Implementation**

##### **Task 9: Contract Services**

Development of the bid documents for the Phase 2 bid package will be completed prior to construction. Bid preparation will require preparation of final materials specific to the Phase 2 project for the bid package and will begin following Final Grant Award. Bid preparation, evaluation of proposals, and selection of the contractor will take six months, and end in December 2020.

##### **Task 10: Construction Administration**

Construction management and administration activities will begin with execution of the construction contract for the project and will continue through completion of construction activities in Task 11. This task will begin in May 2020 (to allow time for contract execution), and will continue through July 2022, when construction activities have been completed, final as-built drawings have been prepared and the Letter of Map Revision has been submitted to FEMA to remove adjacent land and properties from the 100-year floodplain. Because as-built drawings and the Letter of Map Revision are required components for completing the Phase 2 project, and cannot be finalized until creek upgrades are complete, this task will end two months after Task 11 is complete.

##### **Task 11: Construction/Implementation Activities**

Construction and implementation activities will begin after execution of the construction contract. This task is expected to require approximately 16 months for construction activities including mobilization, site preparation, demobilization, channel improvements, culvert replacement, curb enhancements and installation of educational signage. This task will occur from January 2021 to May 2022. *Subtask 11.1* will begin after construction contractor is selected (Task 9), and will span duration of construction because it includes demobilization. *Subtask 11.2* and *Subtask 11.3* will begin approximately one month after *Subtask 11.1* begins, once equipment is in place and the SWPPP and Traffic Control Plan are approved. *Subtask 11.2* is expected to take 14 months to complete, while *Subtask 11.3* is expected to take 11 months to complete. *Subtask 11.4* and *Subtask 11.5* will begin in January 2022, after culvert replacement is complete, with minor overlap with channel improvements, and both will conclude in May 2022.

ID		Task Mode	Task Name	Duration	Start	Finish	2020												2021												2022																
							N	D	J	J	F	M	A	M	J	J	A	S	O	N	D	J	J	F	M	A	M	J	J	A	S	O	N	D	J	J	F	M	A	M	J	J	A	S	O	N	D
1			Final Grant Award	0 days	Fri 5/1/20	Fri 5/1/20	5/1																																								
2			Project 1 - Paradise Valley Creek Water Quality and Community Enhancement	656 days	Sat 5/2/20	Fri 11/4/22																																									
3			(a) Project Administration	656 days	Sat 5/2/20	Fri 11/4/22																																									
4			Task 1 - Project Management	656 days	Sat 5/2/20	Fri 11/4/22																																									
5			Task 2 - Reporting	656 days	Sat 5/2/20	Fri 11/4/22																																									
6			(b) Land Purchase/Easement		NA	NA																																									
7			Task 3 - Land Purchase/Easement		NA	NA																																									
8			(c) Planning/Design/Engineering/Environmental Documentation	66 days	Sun 8/2/20	Mon 11/2/20																																									
9			Task 4 - Feasibility Studies		NA	NA																																									
10			Task 5 - CEQA Documentation		NA	NA																																									
11			Task 6 - Permitting		NA	NA																																									
12			Task 7 - Design		NA	NA																																									
13			Task 8 - Project Performance Monitoring Plan	67 days	Sun 8/2/20	Mon 11/2/20																																									
14			(d) Construction/Implementation	579 days	Sat 5/2/20	Wed 7/20/22																																									
15			Task 9 - Contract Services	167 days	Sat 5/2/20	Sun 12/20/20																																									
16			Task 10 - Construction Administration	28.95 mons	Sat 5/2/20	Wed 7/20/22																																									
17			Task 11 - Construction/Implementation Activities	17.6 mons	Thu 1/14/21	Fri 5/20/22																																									
18			11.1: Mobilization, Demobilization, and Site Preparation	352 days	Thu 1/14/21	Fri 5/20/22																																									
19			11.2: Channel Improvements	295 days	Sun 2/14/21	Thu 3/31/22																																									
20			11.3: Culvert Replacement	231 days	Sun 2/14/21	Fri 12/31/21																																									
21			11.4: Curb Construction and Safety Measures	101 days	Sat 1/1/22	Fri 5/20/22																																									
22			11.5: Educational Signage	101 days	Sat 1/1/22	Fri 5/20/22																																									
Project: National City Date: Fri 12/13/19			Task Inactive Task Split Inactive Milestone Milestone Inactive Summary Summary Manual Task Project Summary Duration-only	Manual Summary Rollup Manual Summary Start-only Finish-only External Tasks	External Milestone Deadline Progress Manual Progress	   																																									
Page 1																																															

## Project 2: North City Pure Water Facility Influent Pump Station

**Local Project Sponsor:** City of San Diego

**Funding Partners:** U.S. Environmental Protection Agency and U.S. Bureau of Reclamation

**Table 6-2** provides a summary of the schedule for the *North City Pure Water Facility Influent Pump Station*. The schedule has been developed assuming that DWR awards a contract on May 1, 2020 and based on the construction schedule for the selected contractor for the larger Pure Water San Diego – Phase 1 program, of which this pump station is a component. Work on this phase of the project will begin at the contract award date, May 2020, and construction will end in December 2024, with a Final Completion Report submitted in March 2025. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5). The reasonableness of this schedule is provided following the table.

**Table 6-2: Schedule for North City Pure Water Facility Influent Pump Station**

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/1/2020</b>	<b>3/15/2025</b>
	Task 1 – Project Management	5/1/2020	3/15/2025
	Task 2 – Reporting	5/1/2020	3/15/2025
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>5/1/2020</b>	<b>8/1/2020</b>
	Task 4 – Feasibility Studies	N/A	N/A
	Task 5 – CEQA Documentation	N/A	N/A
	Task 6 – Permitting	N/A	N/A
	Task 7 – Design	N/A	N/A
	Task 8 – Project Performance Monitoring Plan	5/1/2020	8/1/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>7/7/2021</b>	<b>12/10/2024</b>
	Task 9 – Contract Services	N/A	N/A
	Task 10 – Construction Administration	N/A	N/A
	Task 11 – Construction/Implementation Activities	7/7/2021	12/10/2024
	Subtask 11.1: Construct Pump Station Building	7/7/2021	12/10/2024
	Subtask 11.2: Install Pumps	8/7/2021	8/7/2023
	Subtask 11.3: Electrical, Controls, and Appurtenances	8/7/2021	12/10/2024

### Budget Category (a) Project Administration

#### Task 1: Project Management

Project management will be completed by a City of San Diego Project Manager. The project schedule will be maintained and monitored to ensure implementation is completed in a timely manner. This task is expected to be done by March 2025 when all reports are finalized after construction completion.

#### Task 2: Reporting

The City's Project Manager will compile Progress Reports quarterly for submittal to DWR, beginning with Final Grant Award (assumed May 1, 2020). Quarterly progress reports will be prepared until construction is complete in December 2024 (Task 11). A Project Completion Report will be submitted within 90 days of completion of construction. This task will be complete by March 2025.

### Budget Category (b) Land Purchase/Easement

#### Task 3: Land Purchase/Easement

Not applicable – no land purchases or easements are required for this project because the project is being constructed on City owned property.

### Budget Category (c) Planning/Design/Engineering/Environmental Documentation

#### Task 4: Feasibility Studies

Not applicable – feasibility studies were previously completed and are not included in this Proposal.

#### Task 5: CEQA Documentation

Not applicable – CEQA documentation was previously completed (April 2018) and are not included in this Proposal.

#### Task 6: Permitting

Not applicable – permitting was previously acquired (August 2019) and are not included in this Proposal.

#### Task 7: Design

Not applicable – the final engineering package was completed and was advertised June 2019.

#### Task 8: Project Performance Monitoring Plan

A Project Performance Monitoring Plan will be developed to guide monitoring of project outcomes to track progress towards meeting the project benefits. The Project Performance Monitoring Plan will be developed following the final grant award (assumed May 1, 2020). This task will be completed in August 2020, three months after the Final Grant Award.

### Budget Category (d) Construction/Implementation

#### Task 9: Contract Services

Not applicable – contract services have previously been secured.

#### Task 10: Construction Administration

Not applicable – because it is difficult to separate construction management for the influent pump station from overall Phase 1 effort, these costs are not included in the scope of work for this Proposal. Construction will be observed by a field inspector construction manager once the execution of the contract for construction at the *North City Pure Water Facility Influent Pump Station* begins and will continue through completion of construction activities in Task 11.

#### Task 11: Construction/Implementation Activities

Construction and implementation activities are expected to begin after execution of the construction contract. This task is expected to require approximately 41 months for construction activities for the pump station, based on overall project schedule for the larger Phase 1 program, consistent with the awarded construction contract. This task will occur from July 2021 to December 2024. *Subtask 11.1* will require the full construction schedule (July 2021 to December 2024) because it includes earthwork necessary before any components can be installed and finishing touches that will be completed after all other equipment is installed, such as final finishes. *Subtask 11.2* will begin approximately one year after construction begins, because of site preparation and preparation of the foundation and other items that will need to be installed prior to installation of the pumps. This subtask will run from August 2021 to August 2023. *Subtask 11.3* will begin concurrently with *Subtask 11.2* (August 2021), because some of the appurtenances and electrical work will need to be installed alongside the pumps. It will be completed concurrently with completion of the building in December 2024 (*Subtask 11.1*) because some of the components will be installed as part of final building finishes, such as security.



ID		Task Mode	Task Name	Duration	Start	Finish	2020												2021												2022																
							N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D			
1			Final Grant Award	0 days	Fri 5/1/20	Fri 5/1/20	5/1																																								
2			Project 1 - Paradise Valley Creek Water Quality and Community Enhancement	656 days	Sat 5/2/20	Fri 11/4/22																																									
3			(a) Project Administration	656 days	Sat 5/2/20	Fri 11/4/22																																									
4			Task 1 - Project Management	656 days	Sat 5/2/20	Fri 11/4/22																																									
5			Task 2 - Reporting	656 days	Sat 5/2/20	Fri 11/4/22																																									
6			(b) Land Purchase/Easement		NA	NA																																									
7			Task 3 - Land Purchase/Easement		NA	NA																																									
8			(c) Planning/Design/Engineering/Environmental Documentation	66 days	Sun 8/2/20	Mon 11/2/20																																									
9			Task 4 - Feasibility Studies		NA	NA																																									
10			Task 5 - CEQA Documentation		NA	NA																																									
11			Task 6 - Permitting		NA	NA																																									
12			Task 7 - Design		NA	NA																																									
13			Task 8 - Project Performance Monitoring Plan	67 days	Sun 8/2/20	Mon 11/2/20																																									
14			(d) Construction/Implementation	579 days	Sat 5/2/20	Wed 7/20/22																																									
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17			Task 11 - Construction/Implementation Activities	17.6 mons	Thu 1/14/21	Fri 5/20/22																																									
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21			11.4: Curb Construction and Safety Measures	101 days	Sat 1/1/22	Fri 5/20/22																																									
22			11.5: Educational Signage	101 days	Sat 1/1/22	Fri 5/20/22																																									
Project: National City Date: Fri 12/13/19			Task Inactive Task Split Inactive Milestone Milestone Inactive Summary Summary Manual Task Project Summary Duration-only	Manual Summary Rollup Manual Summary Start-only Finish-only External Tasks 																																				External Milestone  Deadline  Progress  Manual Progress 							
Page 1																																															



## Project 3: 2020 Regional Water Use Efficiency Program

**Local Project Sponsor:** San Diego County Water Authority

**Partners:** Mission Resources Conservation District

**Table 6-3** provides a summary of the schedule for the *2020 Regional Water Use Efficiency Program*. The implementation schedule has been developed assuming that DWR awards a contract on May 1, 2020. Work on the project will begin in May 2020, and implementation of the various programs will end in April 2024. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5). The reasonableness of this schedule is provided following the table.

**Table 6-3: Schedule for 2020 Regional Water Use Efficiency Program**

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/1/2020</b>	<b>4/30/2024</b>
	Task 1 – Project Management	5/1/2020	4/30/2024
	Task 2 – Reporting	5/1/2020	4/30/2024
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>7/1/2020</b>	<b>10/1/2020</b>
	Task 4 – Feasibility Studies	N/A	N/A
	Task 5 – CEQA Documentation	N/A	N/A
	Task 6 – Permitting	N/A	N/A
	Task 7 – Design	N/A	N/A
	Task 8 – Project Performance Monitoring Plan	7/1/2020	10/1/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>5/1/2020</b>	<b>1/31/2024</b>
	Task 9 – Contract Services	N/A	N/A
	Task 10 – Construction Administration	N/A	N/A
	Task 11 – Construction/Implementation Activities	5/1/2020	1/31/2024
	Subtask 11.1: Landscape Efficiency Program	5/1/2020	1/31/2024
	Subtask 11.2: Agricultural Irrigation Efficiency Program	5/1/2020	1/31/2024

### Budget Category (a) Project Administration

#### Task 1: Project Management

SDCWA, along with the support of a contracted consultant (Hoch Consulting), will manage the grant in compliance with IRWM and DWR requirements. Project Management will include the preparation and submission of supporting grant documents, invoices, and coordination with other project partners. Project management will begin May 2020 and end April 2024, with completion of all project deliverables.

#### Task 2: Reporting

SDCWA and its consultant (Hoch Consulting) will compile Progress Reports quarterly for submittal to DWR, prepare the final project completion report, and perform other administrative responsibilities beginning in May 2020 with final grant award. Quarterly progress reports will be prepared until program implementation is complete in January 2024 (Task 11). An additional three months will be required to prepare the Project Completion Report, and all responsibilities for this task will be complete in April 2024.

### Budget Category (b) Land Purchase/Easement

#### Task 3: Land Purchase/Easement

Not applicable – no land purchases or easements are required for this project because the rebates will be issued to participating landowners.

### Budget Category (c) Planning/Design/Engineering/Environmental Documentation

#### Task 4: Feasibility Studies

Not applicable – feasibility studies were not required to implement the project and are not included in this Proposal.

#### Task 5: CEQA Documentation

Not applicable – CEQA documentation was not required to implement the project and are not included in this Proposal.

#### Task 6: Permitting

Not applicable – permitting was not required and is not included in this Proposal.

#### Task 7: Design

Not applicable – design (development) of the programs was completed prior to this Proposal and does not require additional work.

#### Task 8: Project Performance Monitoring Plan

A Project Performance Monitoring Plan will be developed to include monitoring of project outcomes to track progress towards meeting the Project benefits. The Project Performance Monitoring Plan will be developed starting July 2020 and will end October 2020.

### Budget Category (d) Construction/Implementation

#### Task 9: Contract Services

Not applicable – contract services have previously been arranged.

#### Task 10: Construction Administration

Not applicable – construction administration will be completed under Task 11 and therefore will occur during program implementation (May 2020 to January 2024).

#### Task 11: Construction/Implementation Activities

Implementation activities begin May 2020, at Final Grant Award, because the programs are ready to be implemented. Both *Subtask 11.1: LEP* and *Subtask 11.2: Ag IEP* (and their associated activities) will have the same duration and will occur from May 2020 to January 2024, to allow sufficient time to host multiple classes and workshops per year to support new turf conversions and landscaping professionals, and allow enough time for customers to learn about the programs, plan their conversions, implement them, and apply for the rebates. This will also allow enough time for agricultural customers to learn about the Ag IEP, to schedule audits, and implement efficiency measures, while still providing time for follow-up inspection and reporting by SDCWA and its consultants.



## Project 4: Lower Santa Margarita River IPR Pilot Project

**Local Project Sponsor:** Fallbrook Public Utility District

**Partners:** Marine Corps Base Camp Pendleton

**Table 6-4** provides a summary of the schedule for the *Lower Santa Margarita River IPR Pilot Project*. The implementation schedule has been developed assuming that DWR awards a contract on May 1, 2020. Work on the project will begin in March 2020, and construction of the pilot project will end in October 2021, with final grant administration activities completed in December 2021. Work completed prior to Final Grant Award will be submitted as matching costs. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5). This schedule is based on the timing. The reasonableness of this schedule is provided following the table.

**Table 6-4: Schedule for Lower Santa Margarita River IPR Pilot Project**

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>3/1/2020</b>	<b>12/31/2021</b>
	Task 1 – Project Management	3/1/2020	12/31/2021
	Task 2 – Reporting	5/1/2020	12/31/2021
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>3/1/2020</b>	<b>9/30/2020</b>
	Task 4 – Feasibility Studies	3/1/2020	5/30/2020
	Task 5 – CEQA Documentation	N/A	N/A
	Task 6 – Permitting	6/1/2020	8/30/2020
	Task 7 – Design	6/1/2020	8/30/2020
	Task 8 – Project Performance Monitoring Plan	7/1/2020	9/30/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>9/1/2020</b>	<b>10/1/2021</b>
	Task 9 – Contract Services	N/A	N/A
	Task 10 – Construction Administration	N/A	N/A
	Task 11 – Construction/Implementation Activities	9/1/2020	3/31/2021
	Subtask 11.1 Fallbrook Pilot Treatment Train	9/1/2020	3/31/2021
	Subtask 11.2 Camp Pendleton Pilot Treatment Train	9/1/2020	3/31/2021
	Subtask 11.3: Upper San Ysidora Tracer Test	9/1/2020	3/31/2021
	Subtask 11.4: Full-Scale Feasibility Report	4/1/2021	10/1/2021
	Subtask 11.5: Technology/Knowledge Transfer Report	4/1/2021	10/1/2021

### Budget Category (a) Project Administration

#### Task 1: Project Management

FPUD's and Camp Pendleton's Project Managers will manage the project in compliance with DWR requirements. Direct Project Administration will include the preparation and submission of supporting documents, invoices, and coordination with other project partners. Project management will begin March 2020 with award of the consultant contract, and end December 2021, three months after completion of Task 11, to provide time for final invoicing.

#### Task 2: Reporting

FPUD's Project Manager will compile Progress Reports quarterly for submittal to DWR and prepare a final project completion report beginning with Final Grant Award (assumed May 1, 2019). Quarterly progress reports will be prepared through the end of construction (Task 11). This task includes an additional three months to prepare the project completion report and will end in December 2021.

### Budget Category (b) Land Purchase/Easement

#### Task 3: Land Purchase/Easement

Not applicable – the project will be constructed on FPUD and Pendleton-owned treatment plants.

### Budget Category (c) Planning/Design/Engineering/Environmental Documentation

#### Task 4: Feasibility Studies

FPUD's Design Consultant will complete a Pilot Project Feasibility Study. The feasibility study will evaluate data on related live stream discharge and IPR studies, develop a feasibility analysis and initial process sizing criteria, initiate coordination with regulatory agencies, identify long-term permitting needs (for full-scale implementation), and outline testing processes. Based on the schedule in the RFP issued November 4, 2019, this task will start in March 2020 with award of the contract. This task is expected to span two months and will end in May 2020.

#### Task 5: CEQA Documentation

Not applicable – CEQA documentation is complete. A Notice of Exemption was filed for FPUD and a Categorical Exclusion for Camp Pendleton in November 2018.

#### Task 6: Permitting

With their Design Consultant, FPUD's and Camp Pendleton's Project Managers will prepare the discharge permit application and process the discharge permit from the San Diego RWQCB that will be needed to conduct the tracer study. This task will start in June 2020 after completion of the Pilot Project Feasibility Study, and end in August 2020.

#### Task 7: Design

FPUD's Design Consultant will complete the three Design Technical Memorandums (TMs) starting June 2020, following completion of Task 4. For the treatment facilities, design work includes development of two Design TMs summarizing layout of treatment facilities, including design, cost estimate, and operations manual for each proposed treatment plant. For the tracer test, the design consultant will develop a Design TM summarizing the design, layout, water source, mixing, and discharge facilities required to perform a tracer study at Pond 3. This task will be complete by August 2020 and is expected to require three months to complete.

#### Task 8: Project Performance Monitoring Plan

A Project Performance Monitoring Plan will be developed to include monitoring of project outcomes to track progress towards meeting the project benefits. The Project Performance Monitoring Plan will be developed starting July 2020 and will end September 2020, after Final Grant Award, and allows three months for appropriate review and submittal cycles.

### Budget Category (d) Construction/Implementation

#### Task 9: Contract Services

























Contract services are not included in this application because they are already underway. Contracting for the consultant will be completed in February 2020, and the Notice to Proceed is expected to be issued March 1, 2020.

#### Task 10: Construction Administration




















Not applicable – construction administration activities are included in Task 1.

#### Task 11: Construction/Implementation Activities

Construction and implementation activities will begin in September 2020, following completion of design, and will include assembling the treatment train at FPUD and Camp Pendleton, performing the tracer study, preparing the Project Feasibility Report, and creating public outreach materials. These activities will be completed in March 2021. *Subtasks 11.1, 11.2, and 11.3* will occur concurrently, and require six months. This allows two months for installation of treatment trains, and four months of operation of the treatment trains for testing purposes. Once these subtasks are complete, the Full-Scale Feasibility Report (*Subtask 11.4*) and Technology/Knowledge Transfer Report (*Subtask 11.5*) will begin, because they will incorporate the outcomes of the testing and pilot operations. These tasks will require six months to complete and will end in October 2021.

ID		Task Mode	Task Name	Duration	Start	Finish	2020	2021	20
							N	D	J
1			Final Grant Award	0 days	Fri 5/1/20	Fri 5/1/20			
2			<b>Project 4 - Lower Santa Margarita River IPR Pilot Project</b>	<b>481 days</b>	<b>Sun 3/1/20</b>	<b>Fri 12/31/21</b>			
3			<b>(a) Project Administration</b>	<b>481 days</b>	<b>Sun 3/1/20</b>	<b>Fri 12/31/21</b>			
4			Task 1 - Project Management	481 days	Sun 3/1/20	Fri 12/31/21			
5			Task 2 - Reporting	436 days	Fri 5/1/20	Fri 12/31/21			
6			<b>(b) Land Purchase/Easement</b>		NA	NA			
7			Task 3 - Land Purchase/Easement		NA	NA			
8			<b>(c) Planning/Design/Engineering/Environmental Documentation</b>	<b>154 days</b>	<b>Sun 3/1/20</b>	<b>Wed 9/30/20</b>			
9			Task 4 - Feasibility Studies	67 days	Sun 3/1/20	Sat 5/30/20			
10			Task 5 - CEQA Documentation		NA	NA			
11			Task 6 - Permitting	66 days	Mon 6/1/20	Sun 8/30/20			
12			Task 7 - Design	66 days	Mon 6/1/20	Sun 8/30/20			
13			Task 8 - Project Performance Monitoring Plan	66 days	Wed 7/1/20	Wed 9/30/20			
14			<b>(d) Construction/Implementation</b>	<b>284 days</b>	<b>Tue 9/1/20</b>	<b>Fri 10/1/21</b>			
15			Task 9 - Contract Services		NA	NA			
16			Task 10 - Construction Administration		NA	NA			
17			<b>Task 11 - Construction/Implementation Activities</b>	<b>14.2 mons</b>	<b>Tue 9/1/20</b>	<b>Fri 10/1/21</b>			
18			<i>Subtask 11.1: Fallbrook Pilot Treatment Train</i>	<i>152 days</i>	<i>Tue 9/1/20</i>	<i>Wed 3/31/21</i>			
19			<i>Subtask 11.2: Camp Pendleton Pilot Treatment Train</i>	<i>152 days</i>	<i>Tue 9/1/20</i>	<i>Wed 3/31/21</i>			
20			<i>Subtask 11.3: Upper San Ysidora Tracer Test</i>	<i>152 days</i>	<i>Tue 9/1/20</i>	<i>Wed 3/31/21</i>			
21			<i>Subtask 11.4: Full-Scale Feasibility Report</i>	<i>132 days</i>	<i>Thu 4/1/21</i>	<i>Fri 10/1/21</i>			
22			<i>Subtask 11.5: Technology/Knowledge Transfer Report</i>	<i>132 days</i>	<i>Thu 4/1/21</i>	<i>Fri 10/1/21</i>			

Project: FPUD  
Date: Fri 12/13/19

Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			

## Project 5: Pure Water Oceanside

**Local Project Sponsor:** City of Oceanside

**Table 6-5** provides a summary of the schedule for *Pure Water Oceanside*. The implementation schedule has been developed assuming that DWR awards a contract on May 1, 2020. Construction on this project will begin in May 2020 and end in June 2021. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5) and is based on the schedule developed for the City's Request for Proposals. The reasonableness of this schedule is provided following the table.

**Table 6-5: Schedule for *Pure Water Oceanside***

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/4/2020</b>	<b>9/30/2021</b>
	Task 1 – Project Management	5/4/2020	9/30/2021
	Task 2 – Reporting	5/4/2020	9/30/2021
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>1/1/2018</b>	<b>8/1/2020</b>
	Task 4 – Feasibility Studies	N/A	N/A
	Task 5 – CEQA Documentation	N/A	N/A
	Task 6 – Permitting	1/1/2018	4/15/2020
	Task 7 – Design	9/1/2018	8/1/2019
	Task 8 – Project Performance Monitoring Plan	5/4/2020	8/1/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>5/1/2020</b>	<b>6/30/2021</b>
	Task 9 – Contract Services	N/A	N/A
	Task 10 – Construction Administration	5/1/2020	6/30/2021
	Task 11 – Construction/Implementation Activities	5/1/2020	6/30/2021
	Subtask 11.1: Mobilization/Demobilization	5/1/2020	6/30/2021
	Subtask 11.2: Conveyance Pipelines	5/30/2020	6/15/2021
	Subtask 11.3: Injection Wells	8/15/2020	1/15/2021

### Budget Category (a) Project Administration

#### Task 1: Project Management

City of Oceanside staff will conduct project administration over the duration of the project, beginning with grant award date and taking place through the time that project work is finalized. The City of Oceanside will be responsible for ensuring the project remains on schedule and coordinating with the chosen contractor. It is assumed that project management will also take three additional months after work is complete to finalize invoicing and other project close-out materials. Invoices will be submitted to the grant administrator, SDCWA, quarterly for submittal to DWR for the duration of the project. This task will end in September 2021, 17 months after final grant award.

#### Task 2: Reporting

The City of Oceanside's Project Manager will compile Progress Reports quarterly for submittal to DWR, beginning with Final Grant Award (assumed May 1, 2020). Quarterly progress reports will be prepared until construction is complete (Task 11). The City will prepare and submit its Final Completion Report 90 days after project completion. The Final Project Completion Report will be submitted to DWR by the end of September 2021.

### Budget Category (b) Land Purchase/Easement

#### Task 3: Land Purchase/Easement

Not applicable – no land purchases or easements are required for this project.



### Budget Category (c) Planning/Design/Engineering/Environmental Documentation

#### Task 4: Feasibility Studies

Not applicable – feasibility studies were previously completed and are not included in this proposal.

#### Task 5: CEQA Documentation

Not applicable – CEQA was previously completed (in December 2018) and is not included in this proposal.

#### Task 6: Permitting

The City of Oceanside has been actively securing permits for the project since 2018. Permits required for injection wells will be procured during construction and are anticipated to be acquired by April 2020.

#### Task 7: Design

Design of conveyance and injection wells are being completed by TetraTech. The injection wells are at 90% design (beginning September 2018) and conveyance is at 30% design. Design for all components will be completed by August 2019.

#### Task 8: Project Performance Monitoring Plan

A Project Performance Monitoring Plan will be developed to guide monitoring of project outcomes to track progress towards meeting the project benefits. The Project Performance Monitoring Plan will be developed following the final grant award (assumed May 1, 2020), and will take approximately three months to complete in August 2020, based on estimated level of effort of 35 hours and necessary review cycles prior to submittal.

### Budget Category (d) Construction/Implementation

#### Task 9: Contract Services

Not applicable – contract services were previously completed and are not included in this proposal

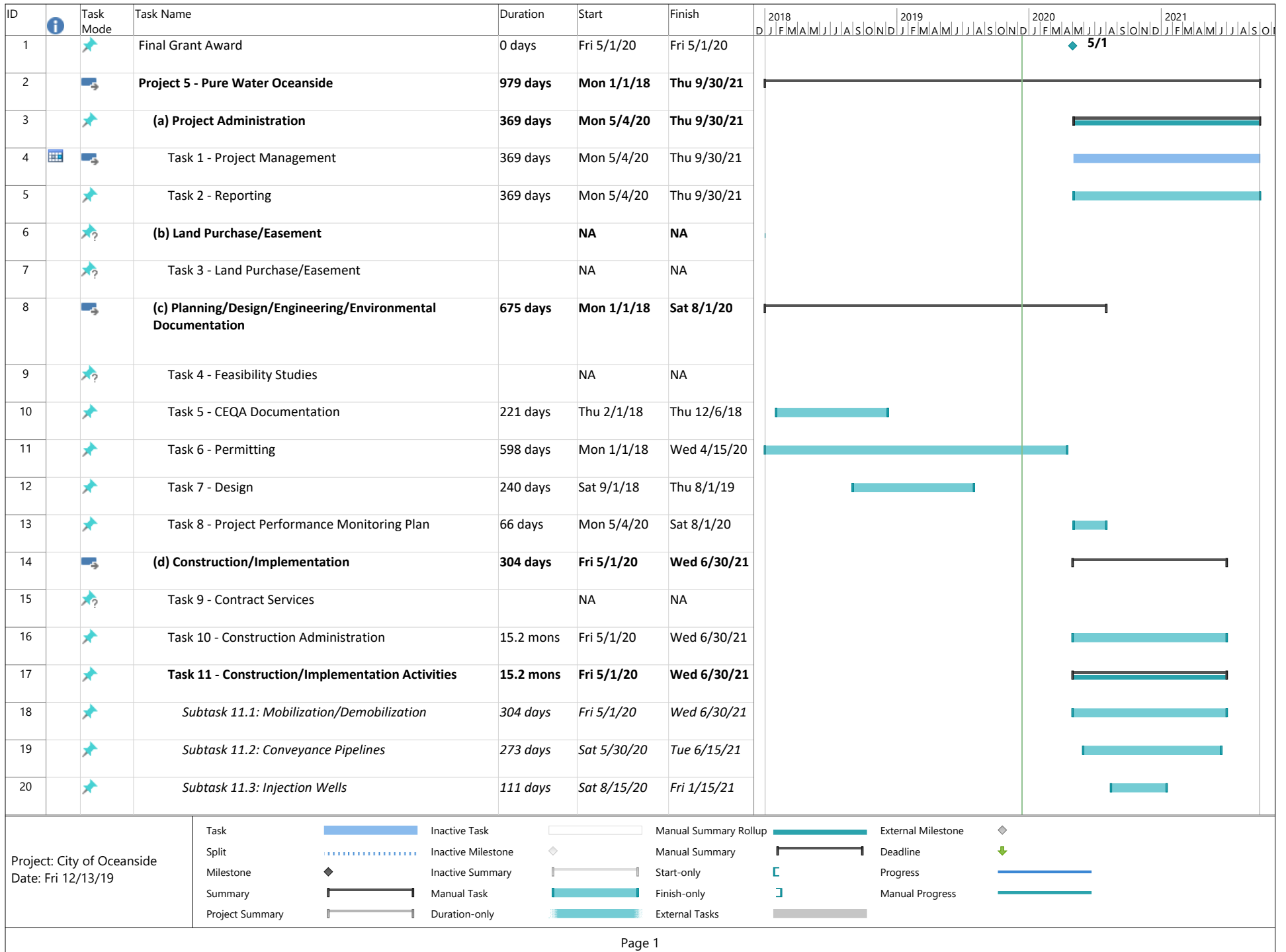
#### Task 10: Construction Administration

Construction and management and administration activities began with execution of the contract for construction and will continue through completion of construction activities in Task 11. This task will begin May 2020 with the mobilization, and end in June 2021 when construction activities are complete.

#### Task 11: Construction/Implementation Activities

Construction and implementation activities are expected to begin after execution of the construction contract. This task is expected to require approximately 14 months for construction activities include mobilization and demobilization, site preparation, and injection well and conveyance construction. This estimate is based on the engineer's estimate for the project.

*Subtask 11.1 Mobilization/Demobilization* will begin in May 2020 with mobilization activities, and end in June 2021 (after *Subtasks 11.2 and 11.3* end) with demobilization activities. *Subtask 11.2 Conveyance Pipelines* will begin construction in May 2020, approximately one month after mobilization begins, and end in June 2021. *Subtask 11.3 Injection Wells* will begin construction in August 2020 and last approximately 5 months, ending in January 2021.



Manual Summary Rollup Manual Summary Start-only Finish-only External Tasks

External Milestone Deadline Progress Manual Progress

## Project 6: North County Recycled Water Project

**Local Project Sponsor:** San Elijo Joint Powers Authority (San Elijo JPA)

**Partners:** City of Oceanside and Olivenhain Municipal Water District (Olivenhain MWD)

**Table 6-6** provides a summary of the schedule for *North County Recycled Water Project*. The schedule has been developed assuming that DWR awards a contract on May 1, 2020. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5). The reasonableness of this schedule is provided following the table.

**Table 6-6: Schedule for North County Recycled Water Project**

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/1/2020</b>	<b>10/30/2022</b>
	Task 1 – Project Management	5/1/2020	10/30/2022
	Task 2 – Reporting	5/1/2020	10/30/2022
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>8/1/2015</b>	<b>11/30/2020</b>
	Task 4 – Feasibility Studies	N/A	N/A
	Task 5 – CEQA Documentation	8/1/2015	2/15/2020
	Task 6 – Permitting	9/11/2019	11/20/2020
	Task 7 – Design	10/1/2018	11/30/2020
	Task 8 – Project Performance Monitoring Plan	5/1/2020	8/04/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>5/1/2020</b>	<b>7/30/2022</b>
	Task 9 – Contract Services	N/A	N/A
	Task 10 – Construction Administration	5/1/2020	7/30/2022
	Task 11 – Construction/Implementation Activities	5/1/2020	6/30/2022
	Subtask 11.1: Recycled Water Storage and Pumping Expansion (SE)	5/1/2021	6/30/2022
	Subtask 11.2: Recycled Water Pipeline: North El Camino Real (OC)	5/1/2020	12/31/2021
	Subtask 11.3: Recycled Water Pipeline: South El Camino Real (OM)	11/21/2020	6/20/2021

### Budget Category (a) Project Administration

#### Task 1: Project Management

San Elijo JPA staff will conduct project administration over the duration of the project, beginning with grant award date and taking place through the time project work is finalized. San Elijo JPA will be responsible for ensuring the Project remains on schedule and coordinating with the chosen contractor. It is assumed that project management will also take three additional months after construction is complete to finalize invoicing and other project close-out materials. Invoices will be submitted to the grant administrator, SDCWA, quarterly for submittal to DWR for the duration of the project. This task will end in October 2022.

#### Task 2: Reporting

San Elijo JPA's Project Manager will compile Progress Reports quarterly for submittal to DWR, beginning with Final Grant Award (assumed May 1, 2020). Quarterly progress reports will be prepared until construction and construction administration is complete (Task 10 and Task 11). This schedule assumes the City will prepare and submit its Final Completion Report by the end of the 90 days after project completion. The Final Project Completion Report will be submitted to DWR in October 2022.

### **Budget Category (b) Land Purchase/Easement**

#### **Task 3: Land Purchase/Easement**

Not applicable – no land purchases or easements are required for this project.

### **Budget Category (c) Planning/Design/Engineering/Environmental Documentation**

#### **Task 4: Feasibility Studies**

Not applicable – feasibility studies were previously completed and are not included in this proposal.

#### **Task 5: CEQA Documentation**

*Subtask 11.1 Recycled Water Storage and Pumping System Expansion (SE)* – The MND was completed May 2016 for the onsite storage tank and expansion of the existing pumping system that conveys recycled water from the SEWRF to three offsite system storage reservoirs. *Subtask 11.2 Recycled Water Pipeline: North El Camino Real (OC)* – The Addendum to the 2016 PEIR for the North County Recycled Water Project PEIR was completed and filed in October 2019. *Subtask 11.3 Recycled Water Pipeline: South El Camino Real (OM)* – The Initial Study/MND was completed in late 2019 and is currently being circulated for public review. Consideration of the IS/MND by OMWD's Board of Directors is anticipated in February 2020.

#### **Task 6: Permitting**

*Subtask 11.1 Recycled Water Storage and Pumping System Expansion (SE)* does not require permits; San Elijo JPA is a self-permitting agency for treatment improvements. *Subtask 11.2 Recycled Water Pipeline: North El Camino Real (OC)* will acquire general construction permits through Task 11. *Subtask 11.3 Recycled Water Pipeline: South El Camino Real (OM)* will acquire a Coastal Development Permit for pipeline installation, anticipated by November 2020. Work on this task began on September 11, 2019.

#### **Task 7: Design**

*Subtask 11.1 Recycled Water Storage and Pumping System Expansion (SE)* - Design for these improvements at the SEWRF is planned to begin in January 2020 and be 100% complete in November 2020. *Subtask 11.2 Recycled Water Pipeline: North El Camino Real (OC)* – Final design plans were completed in December 2019. Geotechnical engineering work was completed by NV5 and design, civil site work, concrete, mechanical, electrical, conveyance work was completed by Dudek and NV5. *Subtask 11.3 Recycled Water Pipeline: South El Camino Real (OM)* – NV5 began engineering design in October 2018 and Final Design is anticipated in February 2020.

#### **Task 8: Project Performance Monitoring Plan**

A Project Performance Monitoring Plan will be developed to guide monitoring of project outcomes to track progress towards meeting the Project benefits. The Project Performance Monitoring Plan will be developed following the final grant award (assumed May 1, 2020), and will take approximately three months to complete, based on estimated level of effort of 30 hours.

### **Budget Category (d) Construction/Implementation**

#### **Task 9: Contract Services**

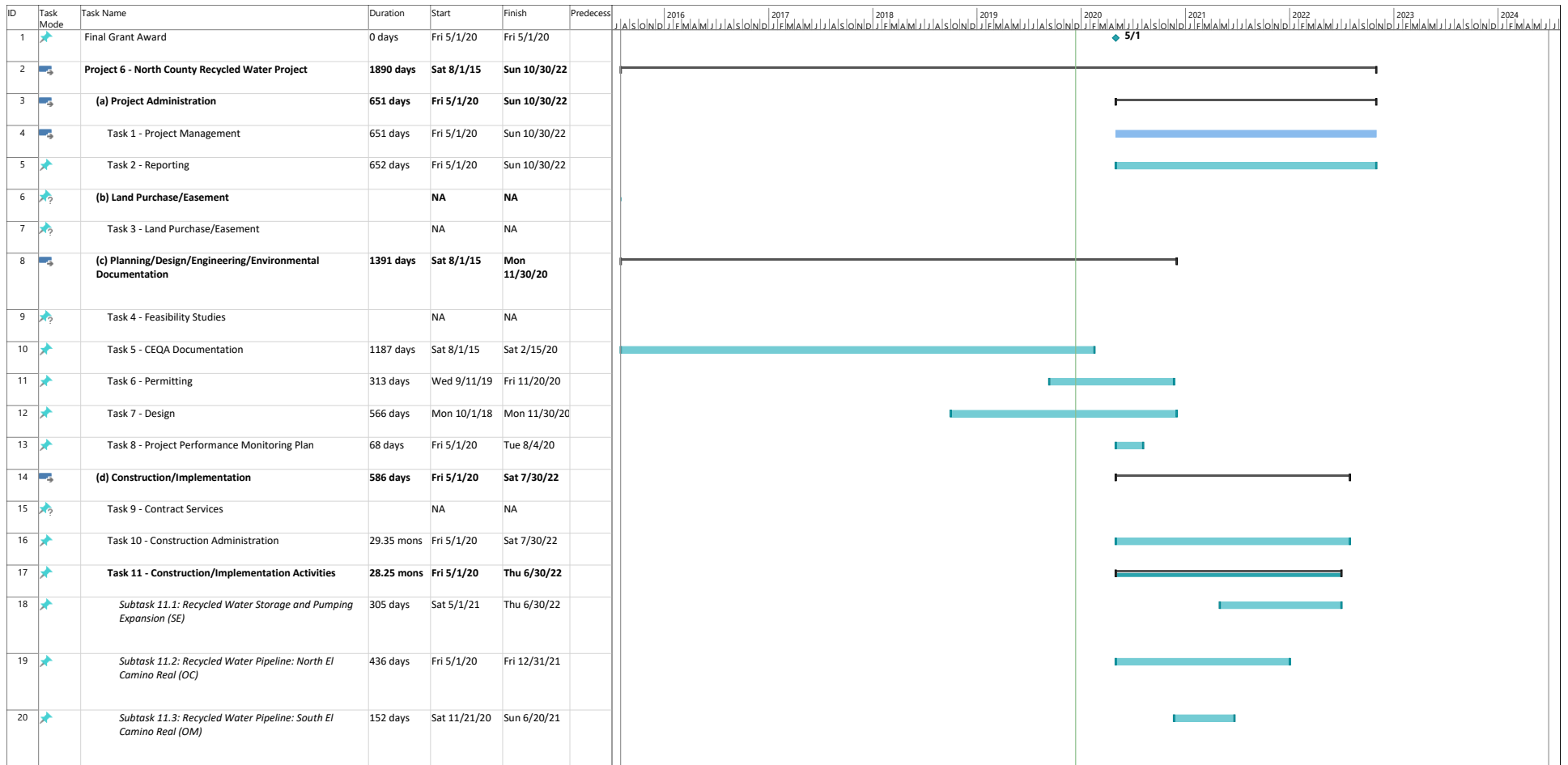
This task will be conducted in house and is not included within this proposal.

#### **Task 10: Construction Administration**

Construction and management and administration activities began with execution of the contract for construction and will continue through completion of construction activities in Task 11. *Subtask 11.1 Recycled Water Storage and Pumping System Expansion (SE)* – Construction administration is expected to begin in May 2021 and last 14 months, ending in June 2022, approximately 30 days after construction completion. *Subtask 11.2 Recycled Water Pipeline: North El Camino Real (OC)* – will begin with project construction May 1, 2020 and end December 31, 2021. *Subtask 11.3 Recycled Water Pipeline: South El Camino Real (OM)* – The project will begin in late November 2020 and last approximately seven months, with completion in June 2021. The RFP for construction management services was posted on November 22, 2019.

Task 11: Construction/Implementation Activities

Construction of *Subtask 11.1 Recycled Water Storage and Pumping System Expansion (SE)* is expected to begin in May 2021 and last 14 months, ending in June 2022. *Subtask 11.2 Recycled Water Pipeline: North El Camino Real (OC)* will begin construction on May 1, 2020 and end in December 31, 2021. *Subtask 11.3 Recycled Water Pipeline: El Camino Real (OM)* – The project will begin in November 2020 and last approximately seven months, with completion in June 2021.



## Project 7: San Elijo Stormwater Capture & Reuse

**Local Project Sponsor:** San Elijo Joint Powers Authority (San Elijo JPA)

**Partners:** The Nature Collective

**Table 6-7** provides a summary of the schedule for *San Elijo Stormwater Capture & Reuse*. The implementation schedule has been developed assuming Final Grant Award on May 1, 2020. Construction on this project will begin in June 2017 and will end in August 2022. An additional three months has been allocated for grant closeout and final reporting. The project schedule described here is consistent with the Work Plan (Attachment 4) and Budget (Attachment 5). The reasonableness of this schedule is provided following the table.

**Table 6-7: Schedule for San Elijo Stormwater Capture & Reuse**

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/4/2020</b>	<b>11/1/2022</b>
	Task 1 – Project Management	5/4/2020	11/1/2022
	Task 2 – Reporting	5/4/2020	11/1/2022
<b>(b)</b>	<b>Land Purchase/Easement</b>	<b>N/A</b>	<b>N/A</b>
	Task 3 – Land Purchase/Easement	N/A	N/A
<b>(c)</b>	<b>Planning/Design/Engineering/Environmental Documentation</b>	<b>6/1/2015</b>	<b>8/1/2020</b>
	Task 4 – Feasibility Studies	N/A	N/A
	Task 5 – CEQA Documentation	10/1/2015	6/30/2020
	Task 6 – Permitting	12/1/2019	6/30/2020
	Task 7 – Design	6/1/2015	6/15/2020
	Task 8 – Project Performance Monitoring Plan	5/4/2020	8/1/2020
<b>(d)</b>	<b>Construction/Implementation</b>	<b>1/1/2016</b>	<b>8/1/2022</b>
	Task 9 – Contract Services	1/1/2016	11/30/2020
	Task 10 – Construction Administration	6/1/2016	5/1/2021
	Task 11 – Construction/Implementation Activities	6/1/2017	8/1/2022
	Subtask 11.1: Preliminary Treatment Upgrades	6/1/2017	1/15/2020
	Subtask 11.2: Desilting Basins & Pumping System	12/15/2020	5/1/2021
	Subtask 11.3: Signage and Messaging	8/1/2020	8/1/2022

### Budget Category (a) Project Administration

#### Task 1: Project Management

San Elijo JPA staff will conduct project administration over the duration of the project, beginning with grant award date and taking place through the time project work is finalized. San Elijo JPA will be responsible for ensuring the Project remains on schedule and coordinating with the chosen contractor. It is assumed that project management will also take three additional months after work is complete to finalize invoicing and other project close-out materials. Invoices will be submitted to the grant administrator, SDCWA, quarterly for submittal to DWR for the duration of the project. This task will end in November 2022.

#### Task 2: Reporting

San Elijo JPA's Project Manager will compile Progress Reports quarterly for submittal to DWR, beginning with Final Grant Award (assumed May 1, 2020). Quarterly progress reports will be prepared until construction is complete (Task 11). This schedule assumes the City will prepare and submit its Final Completion Report by the end of the 90 days after project completion. The Final Project Completion Report will be submitted to DWR in November 2022.

### Budget Category (b) Land Purchase/Easement

#### Task 3: Land Purchase/Easement

Not applicable – no land purchases or easements are required for this project.



### Budget Category (c) Planning/Design/Engineering/Environmental Documentation

#### Task 4: Feasibility Studies

Not applicable – feasibility studies were previously completed and are not included in this project.

#### Task 5: CEQA Documentation

The CEQA process for *Preliminary Treatment Upgrades* began in October 2015. The Final MND was completed in May 2016 and the Notice of Determination filed on May 26, 2016. CEQA for *Subtask 11.2 Desilting Basins & Pumping Station* began in December 2019 and is expected to be complete by June 30, 2020. CEQA is not required for *Subtask 11.3 Signage and Messaging*.

#### Task 6: Permitting

Permits for *Subtask 11.1 Preliminary Treatment Upgrades*, as well as open channel maintenance permits from the San Diego RWQCB and USACE for the regional stormwater channel, were previously acquired and not included as part of this scope. Acquisition of the CDFW Streambed Alteration Agreement for the *Subtask 11.2 Desilting Basin & Pumping Station* will begin in December 2019 and is expected to be complete by June 30, 2020. Permits are not required for *Subtask 11.3 Signage and Messaging*.

#### Task 7: Design

Design for the project began in June 2015 for *Subtask 11.1 Preliminary Treatment Upgrades* and was completed in November 2015. Design of *Subtask 11.2 Desilting Basins & Pumping Station* will begin in February 2020 is expected to be complete by June 15, 2020. Design is not required for *Subtask 11.3 Signage and Messaging*.

#### Task 8: Project Performance Monitoring Plan

A Project Performance Monitoring Plan will be developed to guide monitoring of project outcomes to track progress towards meeting the Project benefits. The Project Performance Monitoring Plan will be developed following the final grant award (assumed May 1, 2020) and will take approximately three months to complete by August 2020.

### Budget Category (d) Construction/Implementation

#### Task 9: Contract Services

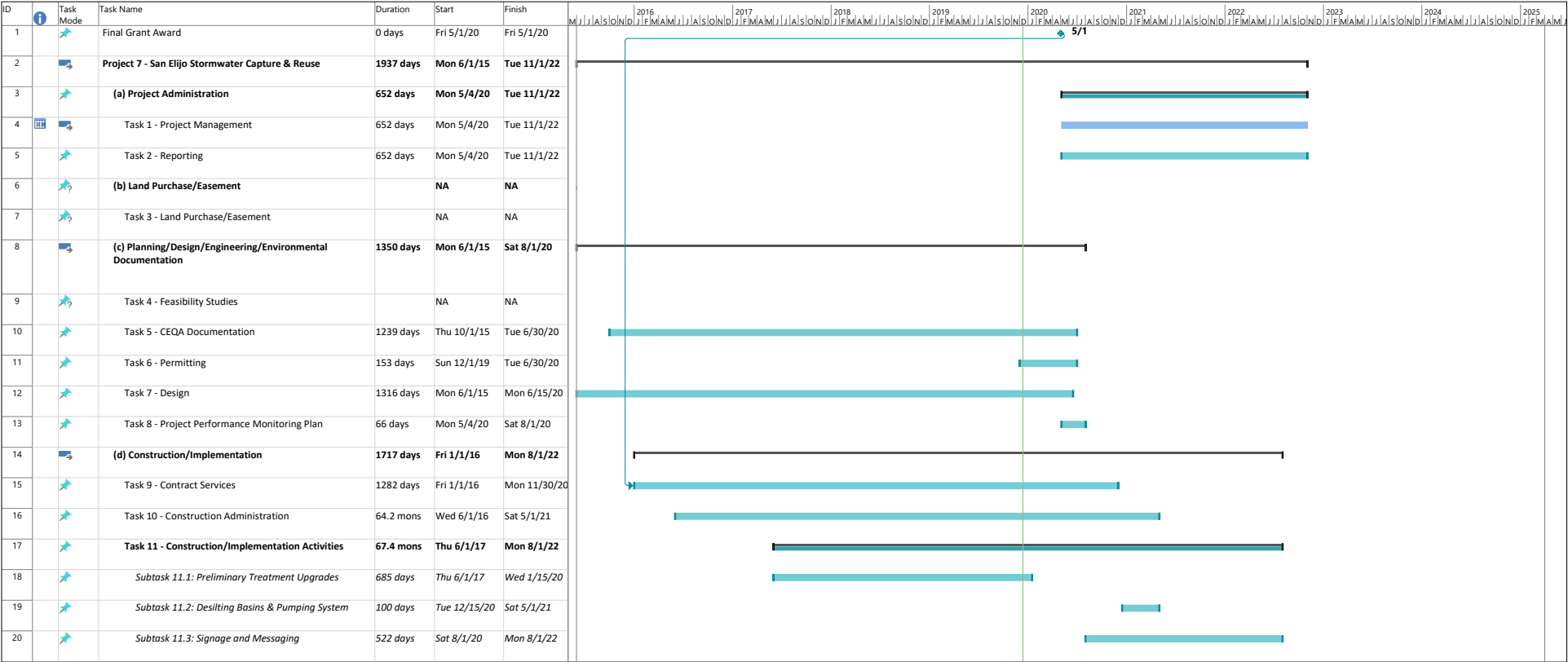
Contract Services include work to secure and award a construction contract, which is occurred from January to April 2016 for *Subtask 11.1 Preliminary Treatment Upgrade*. Contract services for *Subtask 11.2 Desilting Basins & Pumping Stations* are expected to begin August 2020 and be complete on November 30, 2020.

#### Task 10: Construction Administration

Construction and management and administration activities began with execution of the contract for construction of *Preliminary Treatment Upgrades* and will continue through completion of construction activities in Task 11. This task began June 2016, and will continue through May 2021, when construction of both *Subtask 11.1 Preliminary Treatment Upgrades* and *Subtask 11.2 Desilting Basins & Pumping Stations* will be complete.

#### Task 11: Construction/Implementation Activities

Construction for *Subtask 11.1 Preliminary Treatment Upgrades* began June 2017 and is expected to be completed in January 2020. Construction includes mobilization and demobilization, site preparation, and construction. Construction for *Subtask 11.2 Desilting Basins & Pumping Stations* is expected to begin December 2020 and is expected to require approximately six months for construction activities, based off estimates for similar projects. Community outreach involved in *Subtask 11.3 Signage and Messaging* is expected to begin the first school year following grant award (August 2020) and last 2 school years, ending in August 2022.



## Grant Administration

**Implementing Agency:** San Diego County Water Authority (SDCWA)

**Partners:** Local project sponsors (City of National City, City of San Diego, Fallbrook Public Utility Department, City of Oceanside, and San Elijo Joint Powers Authority).

Grant Administration will be conducted by SDCWA, as the authorized grantee from the San Diego IRWM Region, from the assumed Grant Award Date of May 1, 2020 through the assumed contract completion date of September 30, 2025. A Grant Completion Report will be submitted six months following completion of the last Project Completion Report by the local project sponsors (LPS). Grant Administration represents the last project for completion in this grant Proposal. **Table 6-8** provides a summary of the schedule.

**Table 6-8: Schedule for Grant Administration**

Category		Start Date	End Date
<b>(a)</b>	<b>Project Administration</b>	<b>5/1/2020</b>	<b>9/30/2025</b>
	Task 1 – Agreement Administration	5/1/2020	9/30/2025
	Task 2 – Invoicing	12/15/2020	9/30/2025
	Task 3 – Project Reports and Completion Reports	12/15/2020	9/30/2025

### Budget Category (a) Project Administration

#### Task 1: Agreement Administration

Task 1 will involve development and administration of the agreements with DWR and all LPS, along with processing any necessary amendments. This task will begin with Final Grant Award (assumed to be May 1, 2020) and continue with execution of LPS agreements and any project amendments for the duration of the agreement. This task is therefore expected to be completed in September 2025 (six months after last project work is expected to be completed).

#### Task 2: Invoicing

Task 2 will involve review and compilation of all LPS invoices on a quarterly basis and will span from December 2020 through June 2025 (when the final project invoice is submitted).

#### Task 3: Project Reports and Completion Reports

Task 3 involves review and compilation of LPS quarterly reports, as well as a project completion reports, and will span from December 2020 through September 2025 when the Grant Completion Report is submitted. The Grant Completion Report will be submitted three months after the final implementation project is completed.

