



Attachment
6

Coachella Valley Integrated Regional Water Management
2019 IRWM Implementation Grant Proposal
Schedule

Attachment 6 consists of the following items:

- ✓ **Schedule.** This attachment includes and overall schedule for the entire proposal, as well as individual schedules for each of the projects included within the Proposal.

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Introduction

The projects included within the *Coachella Valley 2019 IRWM Implementation Grant Proposal* are high-priority projects evaluated and selected by the Coachella Valley Regional Water Management Group (CVRWMG) and approved by the Integrated Regional Water Management (IRWM) stakeholder group for the Coachella Valley IRWM Region (the Planning Partners). The local project sponsors (LPS) that will be implementing these projects have completed substantial work associated with each project and have experience working with the California Department of Water Resources (DWR) to implement IRWM projects. As such, the schedules provided herein are considered realistic, reasonable, and accomplishable based upon work that has been completed for each project and experience of the LPS agencies.

This attachment contains an overall schedule of the entire proposal as well as project schedules for each project; five of the six projects in this proposal are ready and will be ready for implementation or construction within 12 months of grant award. However, Project 3: *East Coachella Valley Water Supply Project – Avenue 66 Phase 2B* is a DAC project and will not be ready to begin construction until fall 2022, as design will not be completed until May 2022. Further, this attachment contains summaries that describe how the schedules shown are reasonable for each project. The tasks and information provided for each project are consistent with project-related information provided in the Work Plan (Attachment 4) and Budget (Attachment 5).

Proposal Schedule

Figure 6-1 includes the Proposal Schedule consistent with requirements of the PSP. As shown in **Figure 6-1**, each of the projects will be ready to start construction/implementation by April 1, 2020. Further, the schedules demonstrate that all projects (including Grant Administration) will be completed by April 30, 2024.

Project Schedules

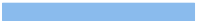


















Schedules for implementation of each project included in this Proposal are provided in the following sections. Each schedule shows the start and end dates as well as milestones for each task contained in the Work Plan. The schedules are also broken down consistent with how tasks are presented in the Work Plan (Attachment 4). The schedules also illustrate dependencies or predecessors as appropriate. Preceding each schedule is a description that describes how each schedule is realistic, reasonable, and accomplishable based on the state of project development. All of the schedules included in this Proposal assume that the grant award date will be April 1, 2020. Given this assumption, all projects will begin implementation by April 1, 2020 and will be completed by April 30, 2024.

All projects will have CEQA and permitting completed within 12 months of grant award with the exception of *East Coachella Valley Water Supply Project- Avenue 66 Phase 2B*. The *Avenue 66 Phase 2B* project provides 100% of its benefits to an area that serves at 100% DAC tribal land and is thus exempt from this requirement.

Figure 6-1
Coachella Valley 2019 IRWM Implementation Grant Proposal



Project: Proposal Summary
Date: Sun 11/3/19

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



Project 1: Castro Mobile Home Park Water Consolidation

Local Project Sponsor: Coachella Water Authority (CWA)

The schedule for the *Castro Mobile Home Park (MHP) Water Consolidation* is based upon previous work implementing construction projects and administering IRWM grants, along with recommendations for schedule length from MSA Consulting who has produced the 90% plans and has completed similar projects in Coachella Valley. Details about the schedule for the *Castro MHP Water Consolidation* are provided below and shown in **Figure 6-2**. Please note that the days shown in **Figure 6-2** represent working days, not calendar days.

Overall, the *Castro MHP Water Consolidation* will extend from November 1, 2019 to February 8, 2021.

Row (a) Project Administration

Task 1: Administration

1(a): Project Administration: CWA staff will conduct project administration over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

1(b): Regional Administration: Regional grant administration work will be conducted by Coachella Valley Water District (CVWD) staff over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

Task 2: Reporting: CWA staff will conduct project reporting over the duration of the project, beginning with grant award date and taking place through the time project work is complete. It is assumed that reporting will also take three additional months after work is complete to prepare and submit a Final Project Completion Report to DWR.

Row (b) Land Purchase/ Easement

Task 3: Land Purchase: CWA's design consultant, MSA Consulting, will process the easement necessary for the 8-inch water main. The easement will be completed as part of the design plans and specs and will take approximately two months.

Row (c) Planning/ Design/ Engineering/Environmental Documentation

CEQA will be completed prior to grant award and permitting will be completed within 12 months of grant award.

Task 4: Feasibility Studies – Not Applicable

Task 5: CEQA Documentation: A CEQA Notice of Exemption (NOE) for the *Castro MHP Water Consolidation* is underway and will be adopted prior to December 31, 2019. A Notice of Determination (NOD) will also be filed with the State Clearinghouse and County of Riverside immediately following grant award. The CEQA schedule has been extended to May 31, 2020 to allow for the filing of the NOD.

Task 6: Permitting: Permitting activities will require coordination with relevant agencies and are anticipated after grant award and are estimated to be completed within two months. The encroachment permit consists of a one-page form with submittal of a fee and verification that the contractor has California State Contractor's License, evidence of insurance and a City business license. South Coast Air Quality Management District's (SCAQMD) Rule 403.1 requires all construction projects with 5,000 or more square foot of surface area disturbance in the Coachella Valley to submit a Fugitive Dust Control Plan for SCAQMD approval. The Dust Control Plan application consists of Form 400-A (1 page), Ownership Designation (1 page), Form A Fugitive Dust Control Plan Application (4 pages), a site location map, Form DCP – Fugitive Dust Control Plan (5 pages) and submittal of a fee. A Notice of Intent (NOI) for coverage under the Construction General Permit Order must be submitted to the State Water Resources Control Board (SWRCB) for any project that distributes more than one acre of soil. The NOI must be submitted online with a risk assessment, post-construction calculations, 3 or more site maps, the construction plans, the Storm Water Pollution Prevention Plan (SWPPP) and the fee. Projects constructed in the Coachella Valley do not discharge to a 303(d) listed waterbody impaired by sediment and thus should be categorized as Risk Level 1 for the Construction General Permit Order.

Task 7: Design: MSA Consulting is completing the design for this project. MSA has completed the 90% plans and specifications for the project and will complete the 100% plans and specifications prior to grant award, anticipated in April 2020.



Task 8: Project Performance Monitoring Plan: CWA staff will prepare a Project Performance Monitoring Plan (PPMP) for submittal to DWR. It is estimated that staff will begin to prepare this plan once the grant is awarded and will be completed within four months.

Row (d) Construction/Implementation

Task 9: Contract Services: Once design activities are complete and after grant award, CWA will begin efforts to secure a contractor. Based on past experience, this work will take approximately three months to complete assuming 22 days for advertising, 22 days to select a contractor, and 22 days to finalize contracts before the Notice to Proceed can be provided to the contractor. Please note that all day values reported above represent working days, not calendar days.

Task 10: Construction Administration: Construction administration will be completed by CWA staff and will take place from the time the Notice to Proceed is issued through the time that construction is complete (approximately four months to complete).

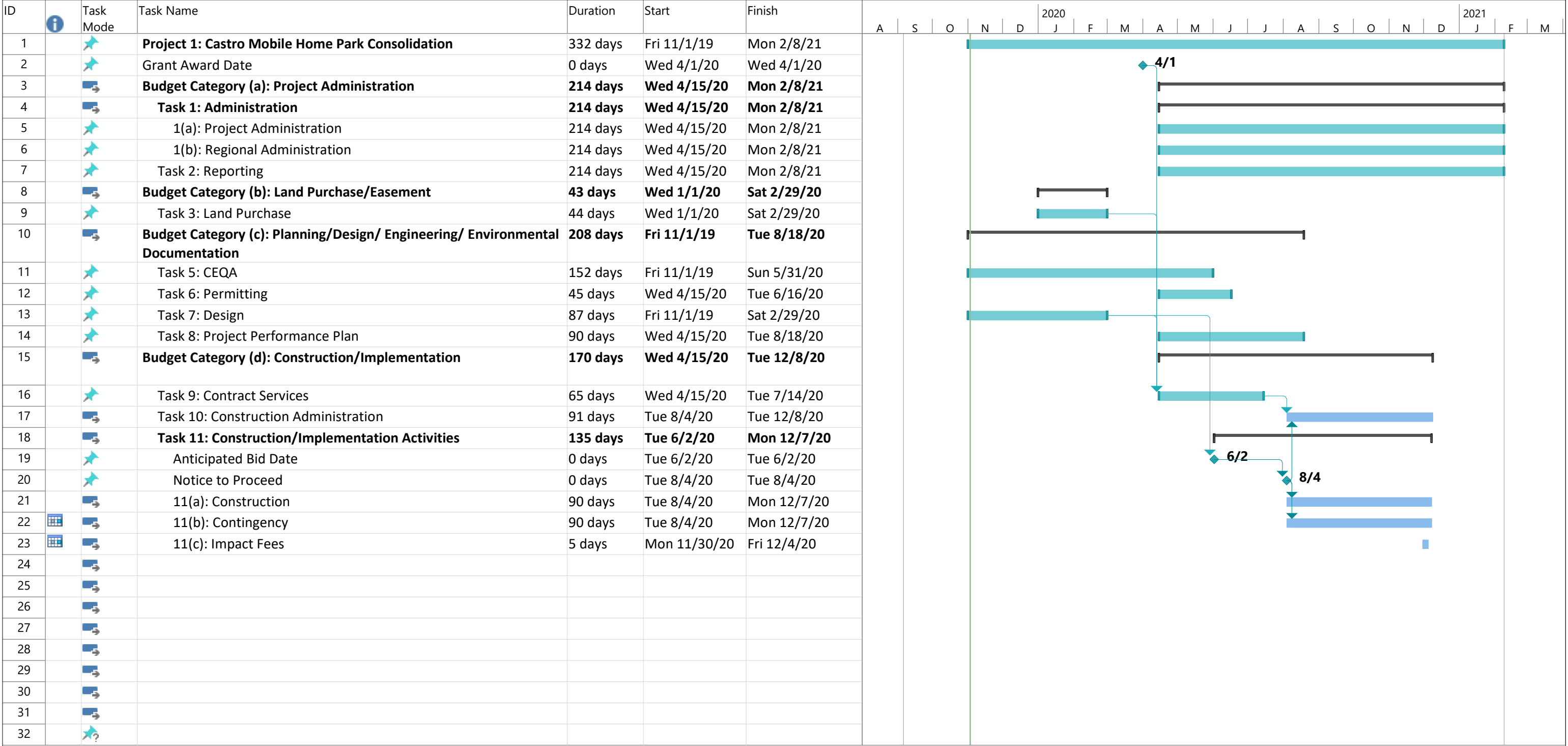
Task 11: Construction/Implementation Activities

11(a): Pipeline Construction: Project construction includes the installation of 8-inch PVC pipe and appurtenances. The project construction is estimated to be complete within 90 days, which is estimated to be in December 2020.

11(b): Contingency: Contingency will be available throughout the duration of the construction project.

11(c): Impact Fees: The impact fees will be applied once the construction of the water mainline is constructed and the crew is ready to connect to the services.

Figure 6-2
Castro Mobile Home Park Water Consolidation



Project: Castro MHP Water Con
Date: Sun 11/3/19

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



Project 2: CV Water Counts Regional Conservation Program

Local Project Sponsor: CVWD

The schedule for the *CV Water Counts Regional Conservation Program* is based upon previous work implementing construction and conservation projects and administering IRWM grants. Further, as explained in Attachment 4, CVWD received work proposals from contractors and vendors; therefore, information about the schedule is also based upon information from contracting firms such as those that would be hired to implement the program. Details about the schedule for the *CV Water Counts Regional Conservation Program* are provided below and shown in **Figure 6-3**. Please note that the days shown in **Figure 6-3** represent working days, not calendar days.

Overall, the *CV Water Counts Regional Conservation Program* will extend from April 1, 2020 to September 30, 2023.

Row (a) Project Administration

Task 1: Administration

1(a): Project Administration: CVRWMG member agency staff will conduct project administration over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

1(b): Regional Administration: Regional grant administration work will be conducted by CVWD staff over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. It is assumed that regional administration will also take three additional months after work is complete to finalize invoicing and other project close-out materials.

Task 2: Reporting: CVWD staff will conduct project reporting on behalf of the CVRWMG member agencies over the duration of the project, beginning with grant award date and taking place through the time project work is complete. It is assumed that reporting will also take three additional months after work is complete to prepare and submit a Final Project Completion Report to DWR.

Row (b) Land Purchase/Easement – Not Applicable

Task 3: Land Purchase – Not Applicable. CV Water Counts does not require any land purchases or easements. The CVWD demonstration garden will be installed on CVWD owned property and the Desert Water Agency (DWA) demonstration garden is being completed in conjunction with the City of Palm Springs on City owned land at the airport.

Row (c) Planning/ Design/Engineering/Environmental Documentation

CEQA and permitting will be completed within 12 months of grant award.

Task 4: Feasibility Studies – Not Applicable

Task 5: CEQA Documentation: CVWD will file a Notice of Exemption (NOE) for the demonstration gardens at CVWD and DWA. The CVWD and DWA Demonstration Garden NOEs are scheduled to be completed by December 2020. The other components do not require CEQA – see Attachment 4 Work Plan.

Task 6: Permitting: CVWD will obtain a building permit from the City of Palm Desert for the demonstration garden. The building permit will be applied for during final design of the garden and is anticipated to take approximately two months. SCAQMD's Rule 403.1 requires all construction projects with 5,000 or more square foot of surface area disturbance in the Coachella Valley to submit a Fugitive Dust Control Plan for SCAQMD approval. The Dust Control Plan application consists of Form 400-A (1 page), Ownership Designation (1 page), Form A Fugitive Dust Control Plan Application (4 pages), a site location map, Form DCP – Fugitive Dust Control Plan (5 pages) and submittal of a fee. A Notice of Intent (NOI) for coverage under the Construction General Permit Order must be submitted to the SWRCB for any project that distributes more than one acre of soil. The NOI must be submitted online with a risk assessment, post-construction calculations, 3 or more site maps, the construction plans, the SWPPP and the fee. Projects constructed in the Coachella Valley do not discharge to a 303(d) listed waterbody impaired by sediment and thus should be categorized as Risk Level 1 for the Construction General Permit Order.

Task 7: Demonstration Gardens Design: CVWD and DWA will both hire consultants to complete their demonstration garden designs. Both designs are anticipated to complete by the end of December 2020. Based on the 2017 CVWD consultant proposal, design should be accomplished in three months. An additional three months has been included here as a contingency and to allow for CVWD's consultant to obtain the building permit during final design.



Task 8: Project Performance Monitoring Plan: CVWD staff will prepare a Project Performance Monitoring Plan (PPMP) for submittal to DWR. It is estimated that staff will begin to prepare this plan once the grant is awarded and will be completed within four months.

Row (d) Construction/Implementation

Task 9: Contract Services: Once design activities are complete, CVWD and DWA consultant will begin efforts to secure a contractor. Based on past experience, this work will take approximately three months to complete assuming 22 days for advertising, 22 days to select a contractor, and 22 days to finalize contracts before the Notice to Proceed can be provided to the contractor. Please note that all day values reported above represent working days, not calendar days.

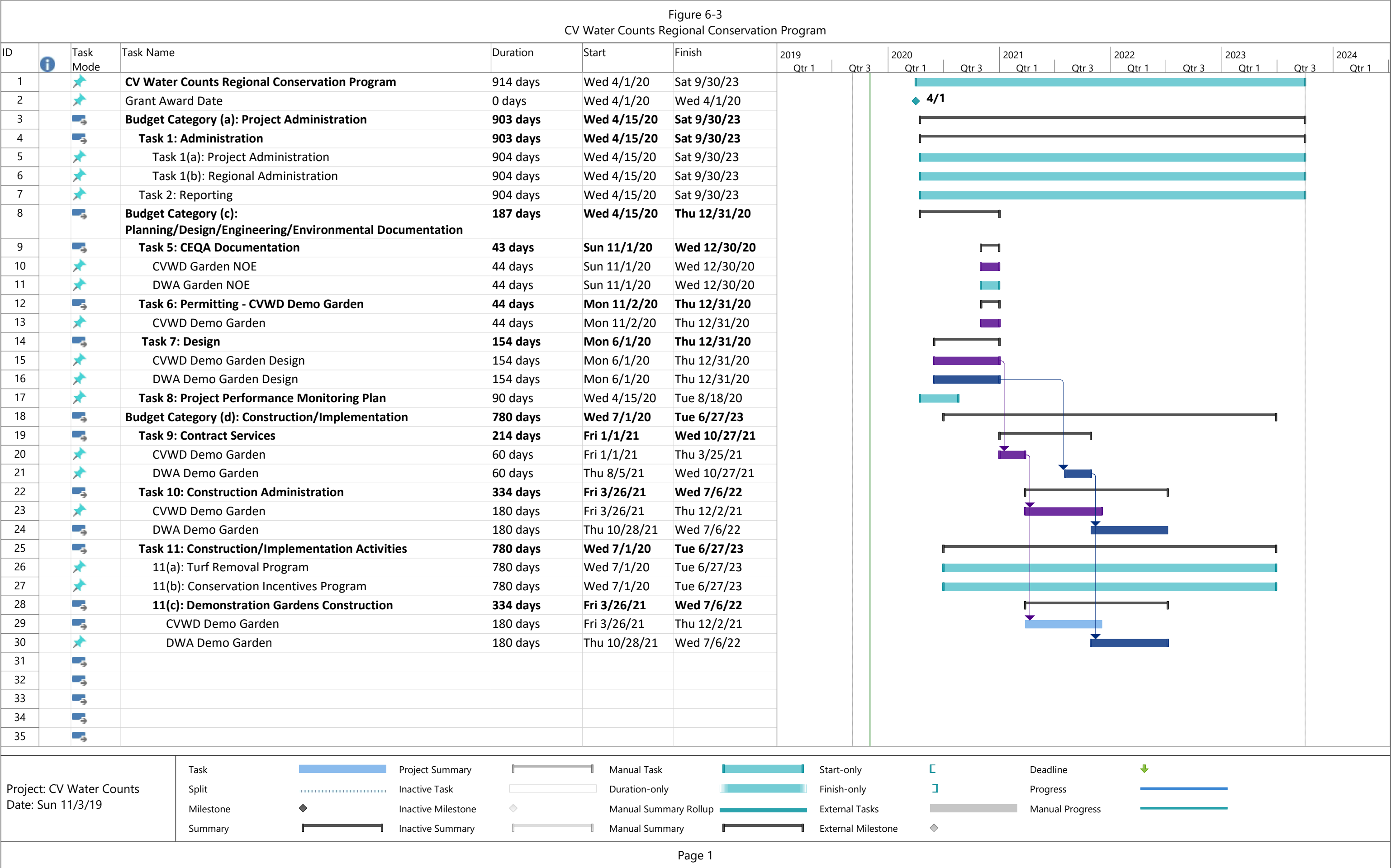
Task 10: Construction Administration: CVWD will hire a consultant to complete the construction administration for the demonstration garden. The City of Palm Springs will handle contract administration for the DWA demonstration garden. The construction administration task will start once the Notice of Proceed is executed and will be completed through the time construction is complete.

Task 11: Construction/Implementation Activities

11(a): Turf Removal Program: Once the grant is awarded, the Turf Removal Program will begin. The CVRWMG member agencies have existing guidelines and specifications that will require minor modifications prior to beginning public outreach. Outreach activities will begin after grant award and will take place until the turf rebates are exhausted. Based on previous rounds of turf removal incentives, funds are anticipated to be exhausted within three years and therefore, this task is estimated to be complete by summer 2023.

11(b): Conservation Incentives Program: Once the grant is awarded, the Conservation Incentives Program will begin. Both CWA and MSWD have existing guidelines and specifications for the toilet replacement incentive program that will require minor modifications prior to beginning public outreach. Both agencies will also develop a micro-website about the program along with other conservation program information. This program is anticipated to line-up with the Turf Removal Program and incentives are anticipated to be exhausted by summer 2023.

11(c): Demonstration Gardens Construction: Construction of the CVWD Demonstration Garden will begin once the design and permitting are complete. Construction is estimated to take approximately eight months based on the 2017 consultant's proposal and is estimated to be complete by December 2021. Construction of the DWA Demonstration will begin in October 2021 and will be complete by July 2022.





Project 3: East Coachella Valley Water Supply Project – Avenue 66 Phase 2B

Local Project Sponsor: CVWD

The schedule for the *East Coachella Valley Water Supply Project (ECVWSP) – Avenue 66 Phase 2B* is based upon previous work implementing construction projects and administering IRWM grants. A *2019 Preliminary Engineering Report* has been completed for this project in May 2019, which includes estimates that preliminary and final design will take three and two months, respectively and that construction will take 15 months for the larger Saint Anthony project which consists of the Avenue 66 Phase 2A and Phase 2B segments and an additional pipeline installation on Lincoln Street. As this project covers only the Phase 2B component, construction has been reduced to 12 months. Details about the schedule for the *ECVWSP – Avenue 66 Phase 2B* are provided below and shown in **Figure 6-4**. Please note that the days shown in **Figure 6-4** represent working days, not calendar days.

Overall, the *ECVWSP – Avenue 66 Phase 2B* will extend from April 1, 2020 to April 30, 2024.

Row (a) Project Administration

Task 1: Administration

1(a): Project Administration: CVWD staff will conduct project administration over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

1(b): Regional Administration: Regional grant administration work will be conducted by CVWD staff over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

Task 2: Reporting: CVWD staff will conduct project reporting over the duration of the project, beginning with grant award date and taking place through the time project work is complete. It is assumed that reporting will also take three additional months after work is complete to prepare and submit a Final Project Completion Report to DWR.

Row (b) Land Purchase/Easement

Task 3: Land Purchase – Easement acquisition is anticipated for up to four privately owned parcels north of Avenue 66. A licensed surveyor will prepare legal descriptions and exhibits for acquiring the easements, some of which are on the Torres Martinez Reservation. After tribal approval is received, CVWD's consultant will prepare the necessary appraisals and application to the Bureau of Indian Affairs (BIA). After easements have been acquired, the land agent will prepare a certification of right of way for the project. Eight months has been allotted for this process based on CVWD experience in obtaining pipeline easements on tribal property.

Row (c) Planning/ Design/Engineering/ Environmental Documentation

CEQA has already been completed for this project and permitting will be completed within 12 months of grant award.

Task 4: Feasibility Studies – Not Applicable

Task 5: CEQA Documentation – Not Applicable: CEQA was completed an IS/MND for the *ECVWSP – Avenue 66 Phase 2B* in September 20019.

Task 6: Permitting: As this project provides benefits to a 100% DAC, permits are not required to be acquired within 12 months of grant award. Permitting activities will require coordination with relevant agencies and are anticipated to begin in May 2022 after design is completed and be completed within 3 months. The encroachment permit consists of a one-page form with submittal of a fee and verification that the contractor has California State Contractor's License, evidence of insurance and a City business license.

SCAQMD's Rule 403.1 requires all construction projects with 5,000 or more square foot of surface area disturbance in the Coachella Valley to submit a Fugitive Dust Control Plan for SCAQMD approval. The Dust Control Plan application consists of Form 400-A (1 page), Ownership Designation (1 page), Form A Fugitive Dust Control Plan Application (4 pages), a site location map, Form DCP – Fugitive Dust Control Plan (5 pages) and submittal of a fee. A Notice of Intent (NOI) for coverage under the Construction General Permit Order must be submitted to the SWRCB for any project that distributes more than one acre of soil. The NOI must be submitted online with a risk assessment, post-construction calculations, 3 or more site maps, the construction plans, the SWPPP and the fee. Projects constructed in the Coachella Valley do not discharge to a 303(d) listed waterbody impaired by sediment and thus should be categorized as Risk Level 1 for the Construction General Permit Order.



Task 7: Design: Design work will begin in January 2021. It is estimated that design work will be completed within one year with preliminary design lasting three months and final design lasting approximately two months based on the schedule provided the May 2019 Preliminary Engineering Report. Design work includes plan review and coordination with CVWD.

Task 8: Project Performance Monitoring Plan: CVWD staff will prepare a PPMP for submittal to DWR. It is estimated that staff will begin to prepare this plan once the grant is awarded and will be completed within four months of grant award.

Row (d) Construction/Implementation

Task 9: Contract Services: Once design activities are complete, CVWD's consultant will begin efforts to secure a contractor. Based on past experience, this work will take approximately three months to complete assuming 22 days for advertising, 22 days to select a contractor, and 22 days to finalize contracts before the Notice to Proceed can be provided to the contractor. Please note that all day values reported above represent working days, not calendar days.

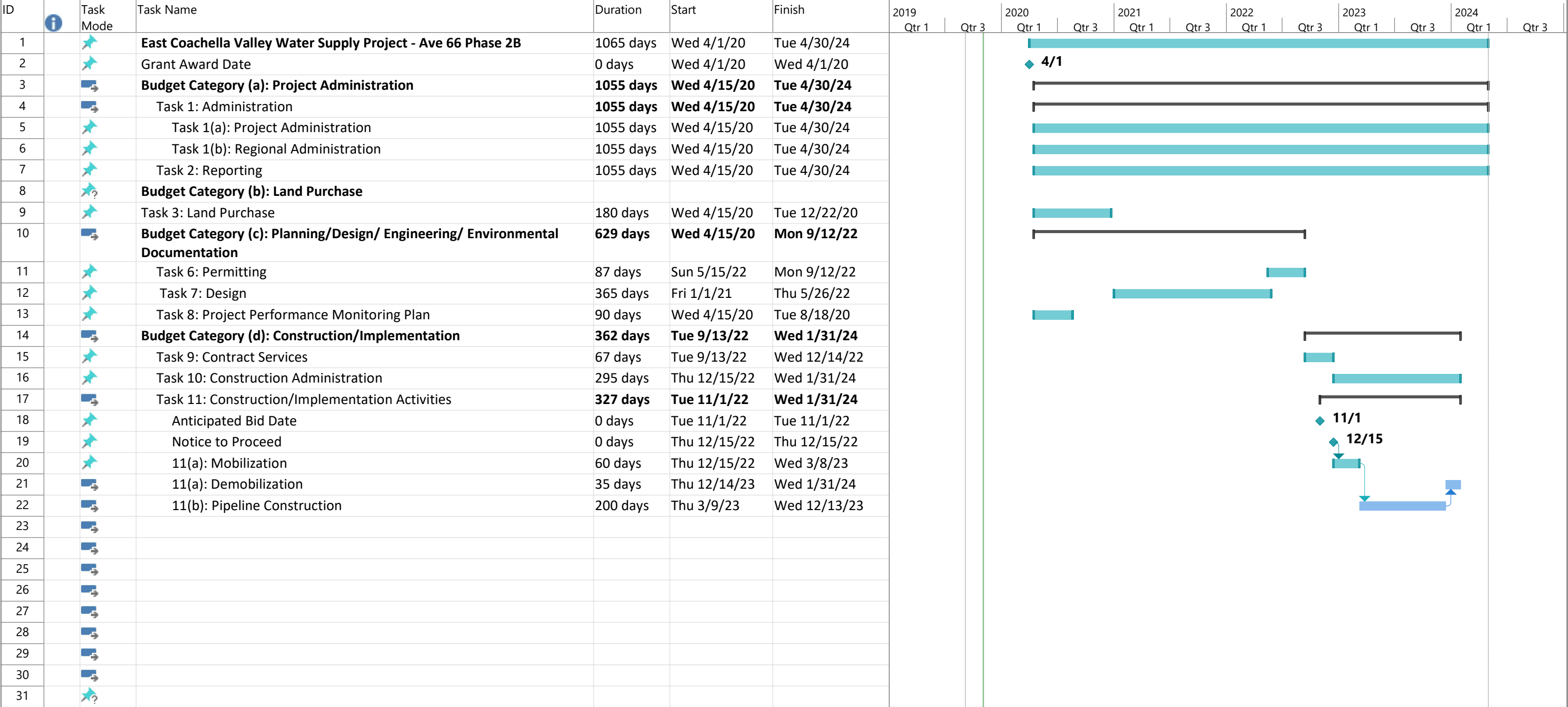
Task 10: Construction Administration: Construction administration will be completed by a consultant hired by CVWD and will take place from the time the Notice to Proceed is issued through the time that construction is complete (approximately one year to complete).

Task 11: Construction/Implementation Activities

11(a): Mobilization and Demobilization: Mobilization and Site Preparation is estimated to start once the Notice to Proceed is issued and is estimated to be complete within 60 days. Performance Testing and Demobilization will begin once project construction is complete. This task is estimated to be complete by February 2024.

11(b): Pipeline Construction: The project construction will start once mobilization and site preparation are complete. Project construction includes the installation of the ductile iron pipeline, wrapping the pipe in polyethylene "baggies", corrosion protection, and additional appurtenances necessary. The project construction is estimated to be complete within 200 days, which is estimated to be in December 2023.

Figure 6-4
East Coachella Valley Water Supply Project - Avenue 66 Phase 2B



Project: Avenue 66 Phase 2B
Date: Sun 11/3/19

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



Project 4: Groundwater Quality Protection Project Sub Area M2-1

Local Project Sponsor: Mission Springs Water District (MSWD)

The schedule for the *Groundwater Quality Protection Project (GQPP) Sub Area M2-1* is based upon previous work implementing construction projects for the GQPP and administering IRWM grants. Details about the schedule for the *GQPP Sub Area M2-1* are provided below and shown in **Figure 6-5**. Please note that the days shown in **Figure 6-5** represent working days, not calendar days.

Overall, the *GQPP Sub Area M2-1* will extend from April 1, 2020 to September 9, 2022.

Row (a) Project Administration

Task 1: Administration

1(a): Project Administration: MSWD staff will conduct project administration over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

1(b): Regional Administration: Regional grant administration work will be conducted by CVWD staff over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

Task 2: Reporting: MSWD staff will conduct project reporting over the duration of the project, beginning with grant award date and taking place through the time project work is complete. It is assumed that reporting will also take three additional months after work is complete to prepare and submit a Final Project Completion Report to DWR.

Row (b) Land Purchase – Not Applicable

Task 3: Land Purchase – Not Applicable

Row (c) Planning/ Design/Engineering/ Environmental Documentation

CEQA has already been completed and permitting will be completed within 12 months of grant award.

Task 4: Feasibility Studies – Not Applicable

Task 5: CEQA Documentation – Not Applicable: MSWD completed the FEIR for the *Groundwater Quality Protection Project Sub Area M2-1* in August 2019.

Task 6: Permitting: Permitting activities will require coordination with relevant agencies and are anticipated to begin in April 2020 and be completed in approximately 110 days. The encroachment permit consists of a one-page form with submittal of a fee and verification that the contractor has California State Contractor's License, evidence of insurance and a City business license.

SCAQMD's Rule 403.1 requires all construction projects with 5,000 or more square foot of surface area disturbance in the Coachella Valley to submit a Fugitive Dust Control Plan for SCAQMD approval. The Dust Control Plan application consists of Form 400-A (1 page), Ownership Designation (1 page), Form A Fugitive Dust Control Plan Application (4 pages), a site location map, Form DCP – Fugitive Dust Control Plan (5 pages) and submittal of a fee. A Notice of Intent (NOI) for coverage under the Construction General Permit Order must be submitted to the SWRCB for any project that distributes more than one acre of soil. The NOI must be submitted online with a risk assessment, post-construction calculations, 3 or more site maps, the construction plans, the SWPPP and the fee. Projects constructed in the Coachella Valley do not discharge to a 303(d) listed waterbody impaired by sediment and thus should be categorized as Risk Level 1 for the Construction General Permit Order.

Task 7: Design: Design for this project was completed in 2010. The design will be repackaged to the specific M2-1 Sub Area. The design repackaging will begin after grant award and is anticipated to be completed within approximately 110 days and will be complete by mid-September 2020.

Task 8: Project Performance Monitoring Plan: MSWD staff will prepare a PPMP for submittal to DWR. It is estimated that staff will begin to prepare this plan once the grant is awarded and that will take approximately 3 months to complete.

Row (d) Construction/Implementation

Task 9: Contract Services: Once design activities are complete, MSWD's consultant will begin efforts to secure a contractor. Based on past experience, this work will take approximately three months to complete assuming 22 days for advertising, 22 days



to select a contractor, and 22 days to finalize contracts before the Notice to Proceed can be provided to the contractor. Please note that all day values reported above represent working days, not calendar days.

Task 10: Construction Administration: Construction administration will be completed by a contractor and will take place from the time the Notice to Proceed is issued through the time that construction is complete, which is estimated to take approximately 367 working days and will be complete in February 2022.

Task 11: Construction/Implementation Activities

11(a): Mobilization/Demobilization: Mobilization and Site Preparation is estimated to start once the Notice to Proceed is issued and is estimated to be complete within 60 working days. Performance Testing and Demobilization will begin once project construction is complete. This task is estimated to be complete by June 2022.

11(b): Pipeline Construction: The project construction will start once mobilization and site preparation are complete. Project construction includes the installation of gravity sewer, manholes and all appurtenances. The project construction is estimated to be complete within 210 days, which is estimated to be in February 2022. Length of construction is based on time to complete from previous GQPP subarea projects.

Figure 6-5
Groundwater Quality Protection Project Sub Area M2-1 Schedule



Project: GQPP M2-1
Date: Sun 11/3/19

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



Project 5: East Coachella Valley Septic to Sewer Conversions – Monroe Street

Local Project Sponsor: CVWD

The schedule for the *East Coachella Valley Septic to Sewer Conversions – Monroe Street* is based upon previous work implementing construction projects and administering IRWM grants. Indian Health Services (IHS) prepared a Technical Memorandum in August 2019 that included a detailed schedule. Details about the schedule for the *ECV Septic to Sewer Conversions – Monroe Street* are provided below and shown in **Figure 6-6**. Please note that the days shown in **Figure 6-6** represent working days, not calendar days.

Overall, the *ECV Septic to Sewer Conversions – Monroe Street* will extend from April 1, 2020 to April 22, 2022.

Row (a) Project Administration

Task 1: Administration

1(a): Project Administration: CVWD staff will conduct project administration over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

1(b): Regional Administration: Regional grant administration work will be conducted by CVWD staff over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

Task 2: Reporting: CVWD staff will conduct project reporting over the duration of the project, beginning with grant award date and taking place through the time project work is complete. It is assumed that reporting will also take three additional months after work is complete to prepare and submit a Final Project Completion Report to DWR.

Row (b) Land Purchase/Easement – Not Applicable

Task 3: Land Purchase – Not Applicable

Row (c) Planning/ Design/Engineering/ Environmental Documentation

CEQA will be completed prior to grant award and permitting will be completed within 12 months of grant award.

Task 4: Feasibility Studies – Not Applicable

Task 5: CEQA Documentation: A CEQA NOE is underway and will be completed prior to grant award. A Notice of Determination (NOD) will also be filed with the State Clearinghouse and County of Riverside immediately following grant award. The CEQA schedule has been extended to May 2020 to allow for the filing of the NOD.

Task 6: Permitting: Permitting activities will require coordination with relevant agencies and are anticipated to begin after grant award 2020 and are estimated to be completed within three months. The encroachment permit consists of a one-page form with submittal of a fee and verification that the contractor has California State Contractor's License, evidence of insurance and a City business license.

SCAQMD's Rule 403.1 requires all construction projects with 5,000 or more square foot of surface area disturbance in the Coachella Valley to submit a Fugitive Dust Control Plan for SCAQMD approval. The Dust Control Plan application consists of Form 400-A (1 page), Ownership Designation (1 page), Form A Fugitive Dust Control Plan Application (4 pages), a site location map, Form DCP – Fugitive Dust Control Plan (5 pages) and submittal of a fee. A Notice of Intent (NOI) for coverage under the Construction General Permit Order must be submitted to the SWRCB for any project that disturbs more than one acre of soil. The NOI must be submitted online with a risk assessment, post-construction calculations, 3 or more site maps, the construction plans, the SWPPP and the fee. Projects constructed in the Coachella Valley do not discharge to a 303(d) listed waterbody impaired by sediment and thus should be categorized as Risk Level 1 for the Construction General Permit Order.

Task 7: Design: IHS is completing the design for this project. The design is going to be updated and completed in July 2020 and is expected to take approximately three months.

Task 8: Project Performance Monitoring Plan: CVWD staff will prepare a PPMP for submittal to DWR. It is estimated that staff will begin to prepare this plan once the grant is awarded and will be complete within three months.



Row (d) Construction/Implementation

Task 9: Contract Services: Once design activities are complete, CVWD's consultant will begin efforts to secure a contractor. Based on past experience, this work will take approximately three months to complete assuming 22 days for advertising, 22 days to select a contractor, and 22 days to finalize contracts before the Notice to Proceed can be provided to the contractor. Please note that all day values reported above represent working days, not calendar days.

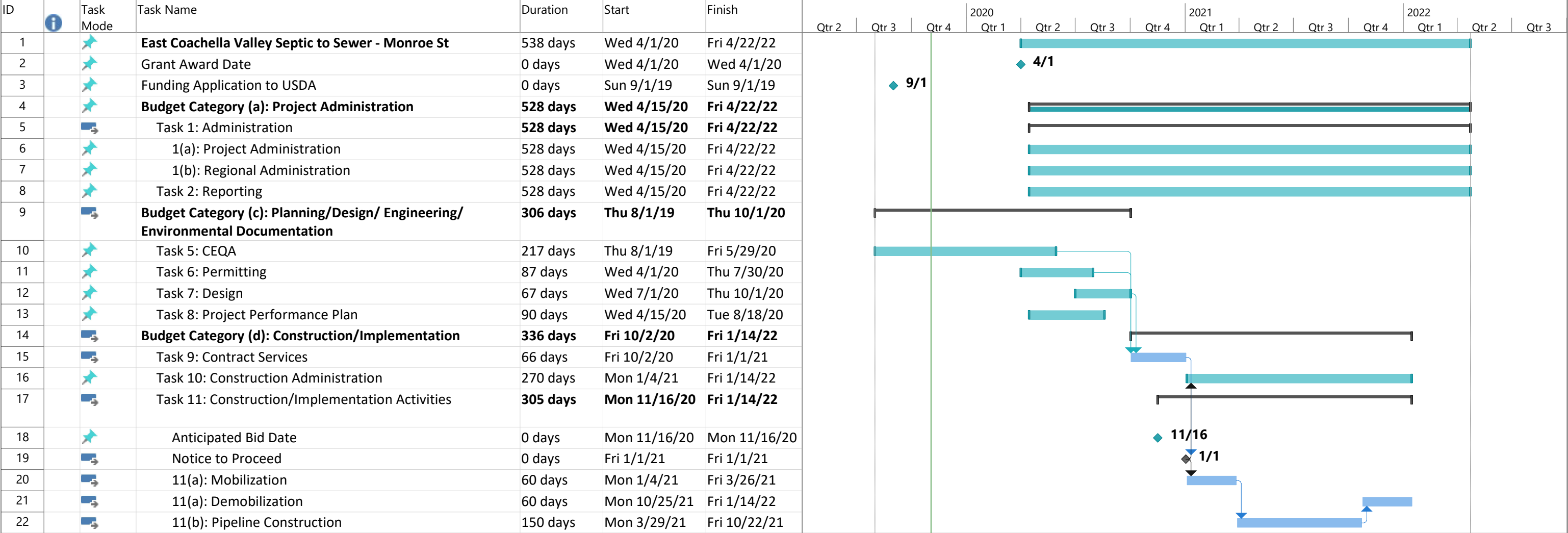
Task 10: Construction Administration: Construction administration will be completed by a contractor and will take place from the time the Notice to Proceed is issued through the time that construction is complete (approximately one year to complete).

Task 11: Construction/Implementation Activities

11(a): Mobilization and Demobilization: Mobilization and Site Preparation is estimated to start once the Notice to Proceed is issued and is estimated to be complete within 60 days. Performance Testing and Demobilization will begin once project construction is complete. This task is estimated to be complete by January 2022.

11(b): Pipeline Construction: The project construction will start once mobilization and site preparation are complete. Project construction includes the installation of gravity sewer, manholes and all appurtenances. The project construction is estimated to be complete within 150 days, which is estimated to be in October 2021.

Figure 6-6
East Coachella Valley Septic to Sewer Conversion - Monroe St



Project: Monroe St
Date: Sun 11/3/19

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



Project 6: Non-Potable Water System – Hovley Lane East

Local Project Sponsor: CVWD

The schedule for the *Non-Potable Water (NPW) System – Hovley Lane East* is based upon previous work implementing construction projects and administering IRWM grants. Details about the schedule for the *NPW System – Hovley Lane East* are provided below and shown in **Figure 6-7**. Please note that the days shown in **Figure 6-7** represent working days, not calendar days.

Overall, the *NPW System – Hovley Lane East* will extend from April 1, 2020 to April 14, 2022.

Row (a) Project Administration

Task 1: Administration

1(a): Project Administration: CVWD staff will conduct project administration over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

1(b): Regional Administration: Regional grant administration work will be conducted by CVWD staff over the duration of the project, beginning with the grant award date and taking place through the time project work is finalized. 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.

Task 2: Reporting: CVWD staff will conduct project reporting over the duration of the project, beginning with grant award date and taking place through the time project work is complete. It is assumed that reporting will also take three additional months after work is complete to prepare and submit a Final Project Completion Report to DWR.

Row (b) Land Purchase/Easement – Not Applicable

Task 3: Land Purchase – Not Applicable

Row (c) Planning/ Design/Engineering/ Environmental Documentation

CEQA has already been completed and permitting will be completed within 12 months of grant award.

Task 4: Feasibility Studies – Not Applicable

Task 5: CEQA Documentation – Not Applicable: CEQA has already been completed - see Completed Work section in the Work Plan.

Task 6: Permitting: Permitting activities will require coordination with relevant agencies and are anticipated to begin in April 2020 and be completed within five months. The encroachment permit consists of a one-page form with submittal of a fee and verification that the contractor has California State Contractor's License, evidence of insurance and a City business license.

SCAQMD's Rule 403.1 requires all construction projects with 5,000 or more square foot of surface area disturbance in the Coachella Valley to submit a Fugitive Dust Control Plan for SCAQMD approval. The Dust Control Plan application consists of Form 400-A (1 page), Ownership Designation (1 page), Form A Fugitive Dust Control Plan Application (4 pages), a site location map, Form DCP – Fugitive Dust Control Plan (5 pages) and submittal of a fee. A Notice of Intent (NOI) for coverage under the Construction General Permit Order must be submitted to the SWRCB for any project that distributes more than one acre of soil. The NOI must be submitted online with a risk assessment, post-construction calculations, 3 or more site maps, the construction plans, the SWPPP and the fee. Projects constructed in the Coachella Valley do not discharge to a 303(d) listed waterbody impaired by sediment and thus should be categorized as Risk Level 1 for the Construction General Permit Order.

Task 7: Design: Design work began in October 2019. It is estimated that design work will be completed by March 2020 prior to grant award. Design work includes plan review and coordination with CVWD.

Task 8: Project Performance Monitoring Plan: CVWD staff will prepare a PPMP for submittal to DWR. It is estimated that staff will begin to prepare this plan in September 2020 and that it will be complete within three months.

Row (d) Construction/Implementation

Task 9: Contract Services: Once design activities are complete, CVWD's consultant will begin efforts to secure a contractor. Based on past experience, this work will take approximately three months to complete assuming 22 days for advertising, 22 days



to select a contractor, and 22 days to finalize contracts before the Notice to Proceed can be provided to the contractor. Please note that all day values reported above represent working days, not calendar days.

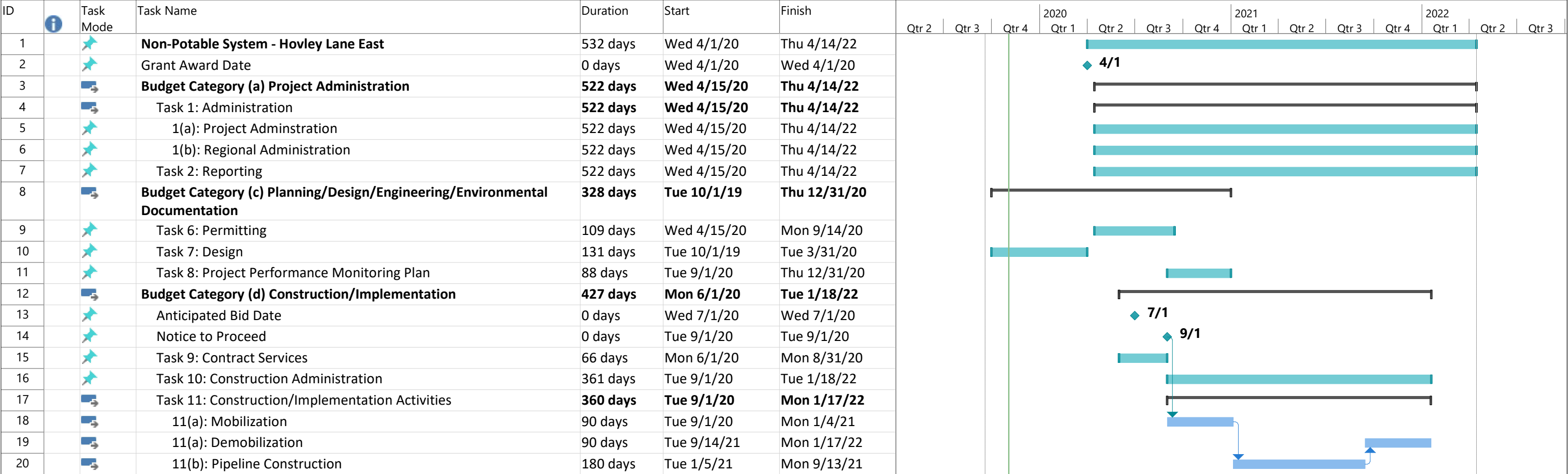
Task 10: Construction Administration: Construction administration will be completed by a consultant hired by CVWD and will take place from the time the Notice to Proceed is issued through the time that construction is complete (approximately 15 months to complete).

Task 11: Construction/Implementation Activities

11(a): Mobilization and Demobilization: Mobilization and Site Preparation is estimated to start once the Notice to Proceed is issued and is estimated to be complete within 90 days. Performance Testing and Demobilization will begin once project construction is complete. This task is estimated to be complete by the end of January 2022.

11(b): Pipeline Construction: The project construction will start once mobilization and site preparation are complete. Project construction includes the installation of DIP pipe and appurtenances from the WRP-10 pump station to the Oasis Country Club. The project construction is estimated to be complete within 180 days, which is estimated to be in September 2021. Construction timeframe is based on completing installation of similar non potable water piping.

Figure 6-7
Non-Potable Water System - Hovley Lane East



Project: NPW Connections
Date: Sun 11/3/19

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