



Attachment 5
Schedule

Implementation Grant, Round 2
Coachella Valley IRWM
Implementation Grant Proposal

Coachella Valley Integrated Regional Water Management Implementation Grant Proposal – Round 2

Schedule

Attachment 5 consists of the following items:

✓ **Project Schedule(s)**

This attachment provides a schedule for implementation of each project contained within this Implementation Grant Proposal, including the sequence and timing of each project.

The enclosed schedules provide start and end dates, as well as milestones, for each work plan task of each project within this Proposal, consistent with the work plans (refer to Attachment 3) and budgets (refer to Attachment 4). The schedules also demonstrate any dependencies or predecessors by showing links between tasks. The assumed start date of the implementation grant is October 1, 2013, and each project has an assumed end date that is reasonable based on their individual work plan and budget.

Figure 5-1 is an overall schedule for the entire proposal, while Figure 5-2 through Figure 5-6 are individual project schedules for each project included in this proposal. As indicated in Figure 5-2, the *Non-Potable Water Use Expansion Program* is ready to begin construction during the first construction cycle; construction will begin for the L4 Pump Station Improvements Connection and the L4 La Quinta Extensions Connection in July of 2014.



**Figure 5-1
CVIRWM Implementation Grant Proposal - Round 2
Schedule**

ID	Task Name	Duration	Start	Finish	Predecessors	2012				2013				2014				2015				2016				2017		
						Q4	Q1	Q2	Q3	Q4	Q1	Q2																
1	Coachella Valley IRWM Implementation Grant Proposal - Round 2	1456 days	Mon 1/2/12	Mon 7/31/17																								
2	Grant Award Date	0 days	Tue 10/1/13	Tue 10/1/13																								
3	Project 1: Non-Potable Water Use Expansion Program	979 days	Tue 10/1/13	Fri 6/30/17	2																							
4	Project 2: Coachella Valley Salt and Nutrient Management Program	587 days	Wed 10/2/13	Thu 12/31/15	2FS+1 day																							
5	Project 3: Groundwater Quality Protection Program - Subarea D2	1000 days	Tue 10/1/13	Mon 7/31/17	2																							
6	Project 4: San Antonio del Desierto DAC Sewer Extension Project	1043 days	Tue 1/1/13	Thu 12/29/16																								
7	Project 5: Torres-Martinez Avenue 64 Water Supply Connection Project	872 days	Mon 1/2/12	Tue 5/5/15																								

Project: 5.Project# Schedule
Date: Tue 3/26/13

Task		Progress		Summary		External Tasks		Deadline	
Split		Milestone		Project Summary		External Milestone			

Figure 5-2 Non-Potable Water Use Expansion Program Schedule

ID	Task Name	Duration	Start	Finish	Predecessors	2014				2015				2016				2017				2018			
						Q2	Q3	Q4	Q1																
1	Non-Potable Water Use Expansion Program	979 days	Tue 10/1/13	Fri 6/30/17																					
2	Grant Award Date	0 days	Tue 10/1/13	Tue 10/1/13																					
3	Budget Category (a): Direct Project Administration	979 days	Tue 10/1/13	Fri 6/30/17																					
4	Task 1: Project Administration	979 days	Tue 10/1/13	Fri 6/30/17	2																				
5	Budget Category (c): Planning/Design/Engineering/Environmental Documentation	629 days	Tue 10/1/13	Fri 2/26/16																					
6	Task 5: Final Design	629 days	Tue 10/1/13	Fri 2/26/16																					
7	Connection 1: Desert Horizons	196 days	Mon 9/1/14	Mon 6/1/15																					
8	Connection 2: Indian Springs	196 days	Thu 1/1/15	Thu 10/1/15																					
9	Connection 3: The Lakes	195 days	Mon 6/1/15	Fri 2/26/16																					
10	Connection 4: L4 Pump Station Improvements	195 days	Tue 10/1/13	Mon 6/30/14																					
11	Connection 5: L4 La Quinta Extensions	195 days	Tue 10/1/13	Mon 6/30/14																					
12	Connection 6: Indian Palms	195 days	Mon 3/3/14	Fri 11/28/14																					
13	Budget Category (d): Construction/Implementation	696 days	Tue 7/1/14	Tue 2/28/17																					
14	Task 9: Construction	696 days	Tue 7/1/14	Tue 2/28/17																					
15	Connection 1: Desert Horizons	261 days	Tue 6/2/15	Tue 5/31/16	7																				
16	Connection 2: Indian Springs	261 days	Fri 10/2/15	Fri 9/30/16	8																				
17	Connection 3: The Lakes	262 days	Mon 2/29/16	Tue 2/28/17	9																				
18	Connection 4: L4 Pump Station Improvements	261 days	Tue 7/1/14	Tue 6/30/15	10																				
19	Connection 5: L4 La Quinta Extensions	261 days	Tue 7/1/14	Tue 6/30/15	11																				
20	Connection 6: Indian Palms	261 days	Mon 12/1/14	Mon 11/30/15	12																				

Project: 5.Project# Schedule
Date: Tue 3/26/13

Task		Progress		Summary		External Tasks		Deadline	
Split		Milestone		Project Summary		External Milestone			

**Figure 5-3
Coachella Valley Salt & Nutrient Management Program
Schedule**

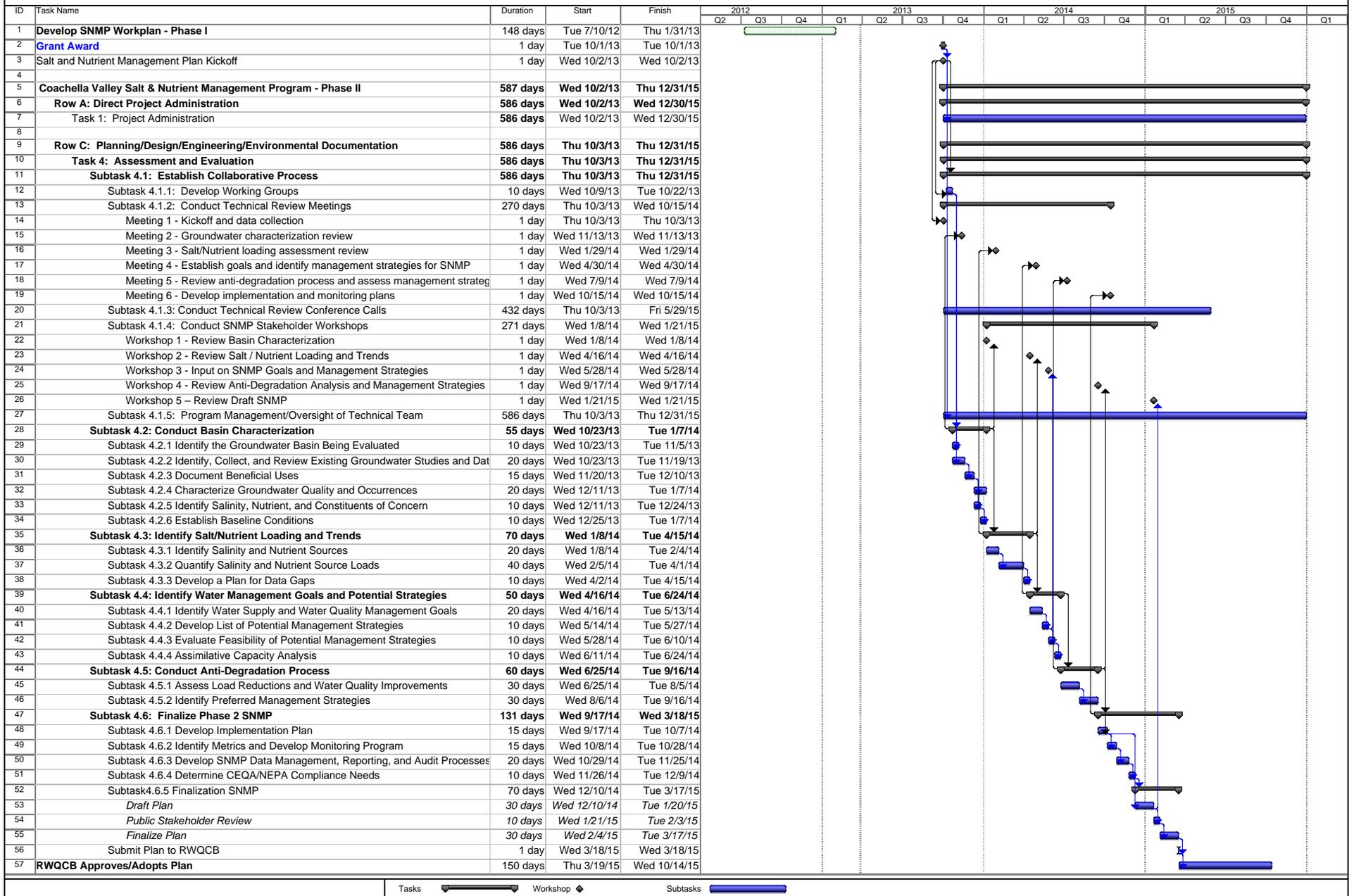


Figure 5-4 Groundwater Quality Protection Program - Subarea D2 Schedule

ID	Task Name	Duration	Start	Finish	2014			2015				2016				2017						
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	Groundwater Quality Protection Program - Subarea D2	1000 days	Tue 10/1/13	Mon 7/31/17																		
2	Grant Award Date	0 days	Tue 10/1/13	Tue 10/1/13																		
3	Budget Category (a): Direct Project Administration	1000 days	Tue 10/1/13	Mon 7/31/17																		
4	Task 1: Project Administration	1000 days	Tue 10/1/13	Mon 7/31/17																		
5	Task 2: Labor Compliance Program	696 days	Fri 8/1/14	Fri 3/31/17																		
6	Task 3: Reporting	1000 days	Tue 10/1/13	Mon 7/31/17																		
7	Budget Category (c): Planning/Design/Engineering/Environmental Documentation	109 days	Fri 8/1/14	Wed 12/31/14																		
8	Task 7: Permitting	109 days	Fri 8/1/14	Wed 12/31/14																		
9	Budget Category (d): Construction/Implementation	565 days	Thu 1/1/15	Wed 3/1/17																		
10	Task 8: Construction Contracting	64 days	Thu 1/1/15	Tue 3/31/15																		
11	Task 9: Construction	501 days	Wed 4/1/15	Wed 3/1/17																		
12	Subtask 9.1: Mobilization and Site Preparation	44 days	Wed 4/1/15	Mon 6/1/15																		
13	Subtask 9.2: Project Construction	349 days	Tue 6/2/15	Fri 9/30/16																		
14	Subtask 9.3: Performance Testing and Demobilization	108 days	Mon 10/3/16	Wed 3/1/17																		
15	Budget Category (f): Construction Administration	587 days	Thu 1/1/15	Fri 3/31/17																		
16	Task 11: Construction Administration	587 days	Thu 1/1/15	Fri 3/31/17																		

Project: 5.Project# Schedule
Date: Tue 3/26/13

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

**Figure 5-5:
San Antonio del Desierto DAC Sewer Extension Project
Schedule**

ID	Task Name	Duration	Start	Finish	2013				2014				2015				2016				20			
					Q4	Q1	Q2	Q3	Q4	Q1														
1	San Antonio del Desierto DAC Sewer Extension Project	1043 days	Tue 1/1/13	Thu 12/29/16																				
2	Grant Award Date	0 days	Tue 10/1/13	Tue 10/1/13																				
3	Budget Category (a): Direct Project Administration	848 days	Tue 10/1/13	Thu 12/29/16																				
4	Task 1: Project Administration	848 days	Tue 10/1/13	Thu 12/29/16																				
5	Budget Category (c): Planning/Design/Engineering/Environmental Documentation	499 days	Tue 1/1/13	Fri 11/28/14																				
6	Task 5: Project Design	499 days	Tue 1/1/13	Fri 11/28/14																				
7	Budget Category (d): Construction/Implementation	262 days	Wed 7/1/15	Thu 6/30/16																				
8	Task 9: Construction	262 days	Wed 7/1/15	Thu 6/30/16																				
9	Subtask 9.1: Mobilization and Site Preparation	44 days	Wed 7/1/15	Mon 8/31/15																				
10	Subtask 9.2: Project Construction	196 days	Tue 9/1/15	Tue 5/31/16																				
11	Subtask 9.3: Performance Testing and Demobilization	22 days	Wed 6/1/16	Thu 6/30/16																				
12	Budget Category (f): Construction Administration	262 days	Wed 7/1/15	Thu 6/30/16																				
13	Task 11: Construction Administration	262 days	Wed 7/1/15	Thu 6/30/16																				

Project: 5.Project# Schedule Date: Tue 3/26/13	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

**Figure 5-6:
Torres-Martinez Avenue 64 Water Supply Connection Project
Schedule**

ID	Task Name	Duration	Start	Finish	2012				2013				2014				2015				
					Q4	Q1	Q2	Q3													
1	Torres-Martinez Avenue 64 Water Supply Connection Project	872 days	Mon 1/2/12	Tue 5/5/15																	
2	Grant Award Date: October 2013	1 day	Tue 10/1/13	Tue 10/1/13																	
3	Budget Category (a): Direct Project Administration	415 days	Wed 10/2/13	Tue 5/5/15																	
4	Task 1: Project Administration	415 days	Wed 10/2/13	Tue 5/5/15																	
5	Budget Category (c): Planning/Design/Engineering/Environmental Doc	717 days	Mon 1/2/12	Tue 9/30/14																	
6	Task 4: Assessment and Evaluation	717 days	Mon 1/2/12	Tue 9/30/14																	
7	Task 5: Project Design	282 days	Mon 9/2/13	Tue 9/30/14																	
8	Task 6: Environmental Documentation	641 days	Tue 4/17/12	Tue 9/30/14																	
9	Task 7: Permitting	140 days	Tue 12/17/13	Mon 6/30/14																	

Project: 5.Project# Schedule Date: Tue 3/26/13	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	