

Merced Integrated Regional Water Management Merced Region Grant Proposal

Attachment 1.4: Project Consistency with Merced IRWM Plan



Attachment 1-4 consists of the following item:

✓ **Project Consistency With an Adopted IRWM Plan**

The following projects consistent with the Merced IRWM Plan are presented in this proposal:

- Atwater-McSwain Regulating/Recharge Basin Project
- UC Merced Surface Water Augmentation Project



Project Consistency with Merced IRWM Plan

Both the Atwater-McSwain Regulating/Recharge Basin Project and the UC Merced Surface Water Augmentation Project were added to the Merced IRWM Plan through the online database, known as the Merced Online Project Tracking and Integration Program (Merced OPTI). The Merced OPTI provides the Merced IRWM Plan’s up-to-date project list, which is accessible through the projects module of the Merced IRWM Plan website (<http://www.mercedirwmp.org/20projects.html>). As described in the Merced IRWM Plan, the online database allows the project list to remain a “living document”, always available for review and update. The project list can be updated in real-time without requiring a full Plan update or re-adoption. Figure 1.4-1 is a screenshot of the current project list. The two projects proposed in this grant application are in the Merced IRWM Plan project list and are displayed at the top of the list.

The screenshot shows the Merced IRWMP website interface. At the top right, it says 'Merced IRWMP' with a water drop icon. Below that is a navigation menu with 'home', 'projects', 'participation', 'region description', 'documents', and 'contact us'. Under 'projects', there are links for 'Map View', 'List View', 'OPTI Login', and 'HydroDMS Login'. The main content area displays a table of projects with the following data:

Project Title	Project Organization	Status
University of California Merced Surface Water Augmentation	Merced Irrigation District and the University of California Merced	✓
Atwater-McSwain Regulating/Recharge Basin	Merced Irrigation District	✓
Cressey Recharge Basin Enlargement Project	Merced Irrigation District	✓
Highlands Groundwater Conservation Project	Merced Irrigation District	✓
Water Meter Conservation Project - Le Grand Community Service District	Le Grand Community Service District	✓
Planada Community Services District Water Conservation Project Gage/Gwinn Loop	Planada Community Services District	✓
Replace Failing Sanitary Sewer Lines in the Planada Community Services District	Planada Community Services District	✓
Merced River Education and Enhancement Project	Merced Irrigation District	✓
Black Rascal and Bear Creek Flood Control Project	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	✓
El Nido Recharge Basin	Merced Irrigation District	✓
Big Sandy Creek Stream Gage	UC Merced	✓
Mariposa Reservoir Enlargement and Downstream Levee and Channel Improvements	Merced Streams Group (County of Merced, City of Merced, Merced Irrigation District)	✓

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Figure 1.4-1: Merced IRWM Plan Project List (as of 8/5/2015)



The Merced IRWM Plan describes the IRWM Project Review Process. The only requirement of proposed Merced IRWM projects is that they must meet at least one regional objective. Projects that do not meet any regional objectives are excluded from the Merced IRWMP. Table 1.4-1 below shows the Merced IRWM Plan Objectives and which objectives the Atwater-McSwain and UC Merced projects meet.

Table 1.4-1: Merced IRWM Plan Objectives Addressed by the Proposed Projects

Objective	Atwater-McSwain Regulating/Recharge Basin	UC Merced Surface Water Augmentation
Highest Priority Objectives		
A. Manage flood flows for public safety, water supply, recharge, and natural resource management	○	-
B. Meet demands for all uses, including agriculture, urban, and environmental resource needs.	●	●
C. Correct groundwater overdraft conditions.	●	●
D. Improve coordination of land use and water resources planning.	-	○
E. Maximize water use efficiency.	-	-
F. Protect and improve water quality for all beneficial uses, consistent with the Basin Plan.	●	●
G. Protect, restore, and improve natural resources.	○	○
H. Address water-related needs of disadvantaged communities (DACs).	○	○
I. Protect and enhance water-associated recreation opportunities.	-	-
J. Establish and maintain effective communication among water resource stakeholders in the Region.	-	-
K. Effectively address climate change adaptation and/or mitigation in water resource management.	●	●
L. Enhance public understanding of water management issues and needs.	-	○

- indicates the MIRWMP objective is a primary objective of the project
- indicates the MIRWMP objective is a secondary objective of the project
- indicates the MIRWMP objective is not an objective of the project

Both the Atwater-McSwain Regulating/Recharge Basin Project and the UC Merced Surface Water Augmentation Project are included in the Merced IRWM Plan project list.