

# Project Review Prioritization, and Ranking

Integrated Regional Water Management Plan

Prepared by GEI Consultants, Inc For Imperial Valley Water Forum

Date: February 3, 2012













#### Acknowledgements

This document was prepared by GEI Consultants, Inc., for the Imperial Water Forum as an interim work product prepared as part of the Imperial Integrated Regional Water Management Plan (Imperial IRWMP). Work was conducted pursuant to agreement between the Imperial Irrigation District (IID) and the California Department of Water Resources (CDWR; Agreement 4600009343). State funding was provided by CDWR under the Integrated Regional Water Management (IRWM) Grant Program with bond monies approved by the voters of California under Proposition 84 (The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coast Protection Bond Act of 2006, Chapter 2 (Public Resource Code section 75001 et seq.). Thanks go out to the voters of California and to the dedicated staff at CDWR that supported the projects. Local funds were provided by IID Board of Directors. On behalf of the Imperial Water Forum, IID prepared the grant applications, provided project management support, and acted as contract administrator and fiscal agent. Ormat, Inc. is acknowledged for providing funding pursuant to agreement between IID and Ormat.

Special thanks are extended to all of the individual members and agencies that participated in the Imperial Water Forum, Program Management Team and work groups. Without their dedication and commitment of time and effort, the Water Forum would not have been able to accomplish this work.

The work product presented herein is a deliverable prepared for Task 12, Preliminary Project Evaluation, and Task 14, Review and Evaluate Results of a Final Call for Stakeholder Sponsored Projects.

#### **Water Forum and RWMG Members**

Imperial Irrigation District County of Imperial Imperial County Farm Bureau Imperial Valley Vegetable Growers Association

IID Water Conservation Advisory Board

City of Brawley

City of Calexico

City of El Centro

City of Holtville

City of Imperial

City of Westmoreland

Heber Public Utility District

Niland Sanitary District

Geothermal Energy Stakeholder Group Comité Cívico Del Valle Inc in Brawley

Institute for Socioeconomic Justice

El Centro Chamber of Commerce & Visitors

Bureau

Brawley Chamber of Commerce Imperial Valley Economic Development Corporation

New River Improvement Project Sierra Club, California Nevada Regional Conservation Committee USFWS Sonny Bono Salton Sea National Wildlife Refuge

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#### **Overview of Project Prioritization Process and Preliminary Ranking**

Project review priorities were established so that preliminary ranking results could be completed and delivered to the Forum in January 2012. Projects that submitted information for the Second Call-for-Projects were given a higher priority for the review. Projects were then grouped by Project Phase to indicate where the project was in the development process (concept, planning, feasibility, preliminary design, etc.). Project reviews were then prioritized based on how soon the project applicants said they could start and when they said the project would finish. Projects that have started or were scheduled to start within one year were given the highest priority and projects scheduled to start after six years were given a lower priority.

Projects were then sorted numerically by Project Number and were evaluated by two project reviewers and an average score was calculated. Attached are two tables. The first table, Imperial IRWMP Project Priority List--Second Call shows average score for the projects reviewed to date.

The second table, Imperial IRWMP Project Ranking 1/12/2012, shows how each projects scored in the four categories used to group the evaluation criteria: IRWMP Goals, Strategic Considerations, Readiness and Statewide Priorities. The scores for each of the IRWMP Goals were also broken out to show how the projects contributed to meeting the Water Supply, Water Quality Environmental and Flood goals. Boxes shaded in green show which project or projects scored the highest in that review category or goal.

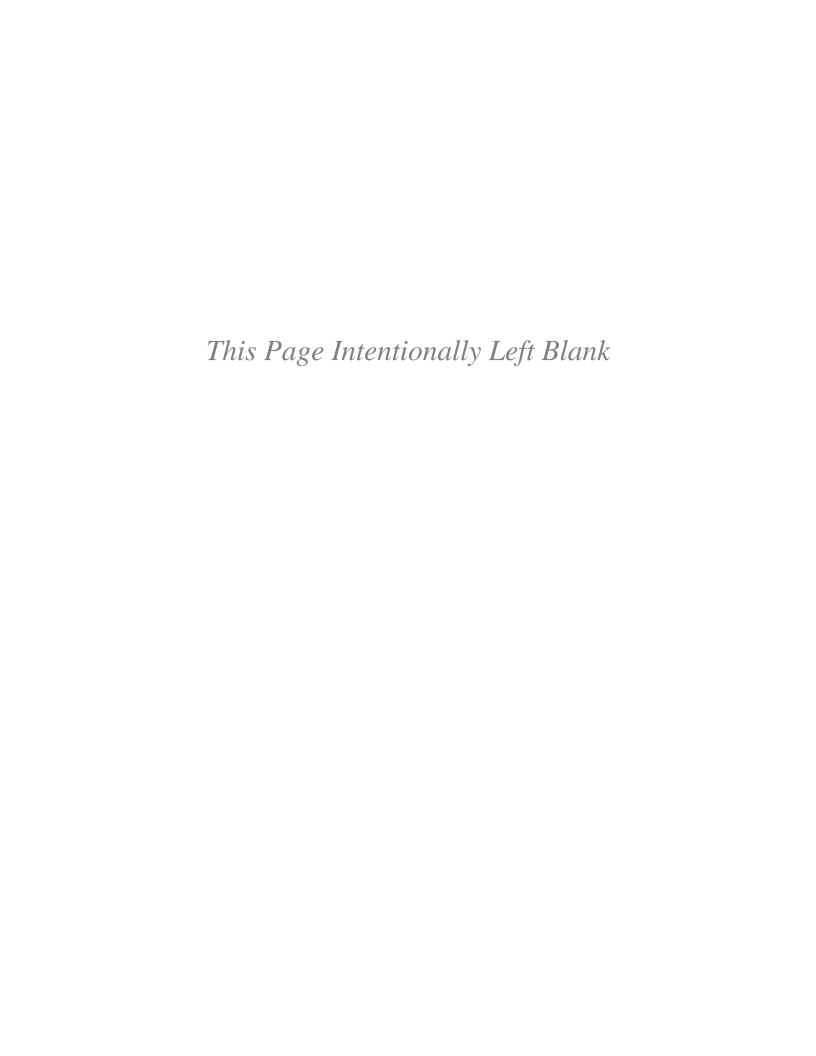
Project Number	Title	Sponsor	Project Type	Project Goals	Project Phase	Start	Finish	Averaged Score
6	New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project	San Diego State University Research Foundation	Habitat Restoration, Invasive Species Control, Conservation	Water Quality	Preliminary Design	< 1	<1	64
9	City of Brawley Reclaim Water Project	City of Brawley	Reclaim WW	Water Supply, Environmental Protection, Regional Policies/Goals, Water Quality	Preliminary Design	< 1	1 - 3	81
12	City of Brawley Water Meter Project	City of Brawley	Metering, Conservation	Water Supply, Environmental Protection, Regional Policies/GoalsWater Conservation	Preliminary Design	< 1	1 - 3	67
13	Keystone Water Reclamation Facility	City of Imperial	Reclaim WW	Water Supply	Final Design	< 1	1 - 3	88
18	Ave 72, Martinez Canyon Groundwater Storage Project	Imperial Irrigation District	Groundwater Storage	Water Supply	Feasibility	< 1		87
19	Ave. 62, Thomas Levy Recharge Site.	Imperial Irrigation District	Groundwater Storage	Regional Policies/Goals	Feasibility	< 1		95
20	East Mesa Groundwater Storage Project	Imperial Irrigation District	Groundwater Storage	Environmental Protection	Feasibility	< 1		95
21	Painted Canyon Groundwater Storage Project	Imperial Irrigation District	Groundwater Storage	Water Supply	Feasibility	< 1		45
34	Holtville Water Distribution System Project	City of Holtville	Pipeline Connector (WS), Reliability	Water Quality	Preliminary Design	< 1	1 - 3	61
35	Holtville Wastewater Treatment Plant Improvement Project	City of Holtville	WWTP Upgrade	Water Quality	Preliminary Design	< 1	1 - 3	64
36	Holtville Wastewater Collection System Project	City of Holtville	Fix wastewater outfall pipeline	Water Quality	Final Design	< 1	< 1	64
46	Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton Sea Water Quality and Regional Air Quality	Scripps Institution of Oceanography (SIO), University of California San Diego (UCSD)	Pilot Project, Algae	Environmental Protection, Regional Policies/Goals, Water Qualityair quality; improved economics for agriculture operators per unit of water irrigated	Project Planning and Feasibility Study	<1	3 - 6	82
1	HPUD WWTP Upgrade to Tertiary Treatment	Heber Public Utility District	Reclaim WW	Water Supply	Preliminary Design	1 - 3	1 - 3	66
8	City of Brawley Raw Water Storage Project	City of Brawley	Storage, Reliability	Water Supply	Project Planning and Feasibility Study	1 - 3	1-3	66
10	Regional Wastewater Treatment and Recycled Water Project	City of Brawley and City of Imperial	Reclaim WW	Water SupplyRegional Policies/Goals, Water Quality	Preliminary Design	1 - 3	3 - 6	
14	IID Systems Conservation and Improvements Projects for IWSP	Imperial Irrigation District	Conservation	Regional Policies/Goals	Construction	1 - 3	3 - 6	104
32	Water distribution storage tanks, 2 each 5MG	City of El Centro	Storage, Reliability	Water SupplyRegional Policies/Goals, Water Quality	Preliminary Design	1 - 3	<1	50
41	Drainage Improvements in the Township of Seeley; County Project No. 5363	Imperial County Public Works	Stormwater	Flood Protection	Project Planning and Feasibility Study	1 - 3	1 - 3	58
2	Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)	Imperial Irrigation District	Desalination	Water Supply	Planning	3 - 6	> 6	96
7	East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)	Imperial Irrigation District	Desalination	Water Quality	Planning	3 - 6	3 - 6	93
15	Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture	Southern Low Desert Resource Conservation and Development Council	Pilot Project	Regional Policies/GoalsAncillary use of agricultural tailgate water	Ready to Construct		<1	68
37	Holtville UV Transmittance Water Treatment System Project	City of Holtville	Drinking Water	Water Quality	Project Concept	< 1	< 1	52
38	Holtville Stormwater Master Plan Project	City of Holtville	Stormwater plan	Flood Protection	Project Concept	< 1	< 1	48
39	Holtville Stormwater Conveyance System and Detention Basin Project	City of Holtville	City Stormwater	Flood Protection	Project Concept	< 1	1 - 3	61
40	Holtville Sewer Master Plan/Map Update Project	City of Holtville	WWT System Upgrade	Water Quality	Project Concept	< 1	< 1	
49	Holtville Water Master Plan/Map Update Project	City of Holtville	Develop Plan	Water Quality	Project Concept	< 1	< 1	
42	Phased Underrun Storage and Agricultural Wastewater Reclamation Project	Imperial Irrigation District	Groundwater Storage, Water Quality	Water Supply	Project Concept	1 - 3	> 6	
44	Microalgal Cultivation for Improved Yields, Economic Value and Water Use Efficiency on Agricultural lands in the Imperial Valley, CA	Scripps Institution of Oceanography (SIO), University of California San Diego (UCSD)	Pilot Project, Algae	Environmental Protection, Regional Policies/Goals, Water Qualityimproved economics for agriculture operators per unit of water irrigated	Project Concept	1 - 3	> 6	
45	Macroalgae Solutions for the Imperial Valley and Salton Sea Region	The Gas Technology Institute (GTI)	Pilot Project, Algae	Water Supply, Environmental Protection, Regional Policies/Goals, Water QualityIncreased value crops per water used	Project Concept	1-3	3 - 6	
48	Integrated Microalgae Cultivation Process for Improving Water Quality in Imperial Valley Drainage Canals	Scripps Institution of Oceanography (SIO), University of California San Diego (UCSD)	Pilot Project, Algae	Environmental Protection, Regional Policies/Goals, Water Qualityimproved economics for agriculture operators per unit of water irrigated	Project Concept	1-3	> 6	
33	Poe Colonia Wastewater Treatment Plant Upgrade	County of Imperial	Wastewater Treatment Plant	Wastewater Treatment Plant	Project Concept	3 - 6	3 - 6	
47	Interconnection projects between City of El Centro, City of Imperial and the Heber Utility District	City of El Centro	Interconnection, Reliability	Water SupplyRegional Policies/Goals, Water Quality	Project Concept	3 - 6		

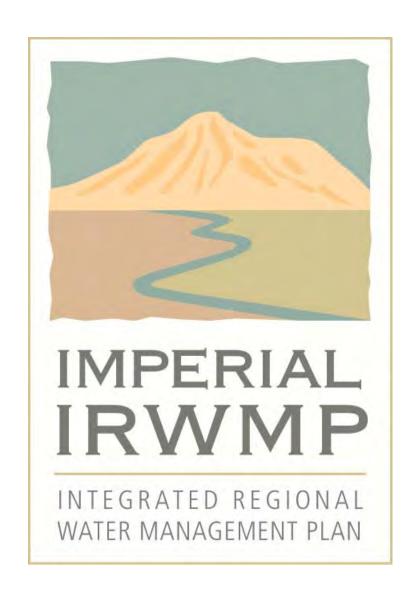
#### Imperial IRWMP Project Review List--First Call

Project Number	Title	Sponsor	Project Type	Project Goals	Project Phase	Start	Finish	Score
16	IRamer Lake Conservation Plan for Water Savings	Southern Low Desert Resource Conservation and Development Council	Habitat Restoration, Invasive Species Control, Conservation	Water Supply	Environmental Review	< 1	3 - 6	
17			Alternate Energy, Algae, Water Quality	Water Supply, Environmental Protection, Regional Policies/Goals, Water QualityRenewable Energy	Project Planning and Feasibility Study	Started	1 - 3	
24	Drainage Upgrade (Broadway St., No. Eighth St., Commercial Ave. from Imperial Ave to sixth street.)	City of El Centro	City Stormwater	Water Supply	Planning		1 - 3	
22	Drainage Upgrade (Holt Avenue, Imperial to 12th)	City of El Centro	City Stormwater	Water Supply	Planning	3 - 6	< 1	
26	Drainage Upgrade (La Brucherie Rd. to 23rd; Barbara Worth Ave. to Orange)	City of El Centro	City Stormwater	Flood Protection	Planning	3 - 6	3 - 6	
27	Drainage Upgrade (8th St., Woodward to Villa)	City of El Centro	City Stormwater	Flood Protection	Planning	3 - 6	3 - 6	
28	Drainage Upgrade (Lincoln Ave.; 6th St.)	City of El Centro	City Stormwater	Flood Protection	Planning	3 - 6	3 - 6	
23	Drainage Upgrade (Development west of Wake Ave and 8th St: Cypress Dr: Farmer Dr: 10th St: 9th St)	City of El Centro	City Stormwater	Water Supply	Planning	> 6	< 1	
25	Drainage Upgrade (Dogwood Rd., Ross Rd., Heil Ave., Hope Ave. between 1st and Orange)	City of El Centro	City Stormwater	Water Supply	Planning	> 6	> 6	
31	Drainage Upgrade (8th St. from Villa to Central Main Drain)	City of El Centro	City Stormwater	Flood Protection	Planning	> 6	3 - 6	
29	Drainage Upgrade (Oak St. from San Diego to Villa)	City of El Centro	City Stormwater	Flood Protection	Planning		1 - 3	
30	Drainage Upgrade (Evan Hewes Hwy. Dogwood to Cooley)	City of El Centro	City Stormwater	Flood Protection	Planning		3 - 6	

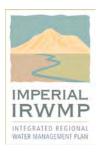
#### Imperial IRWMP Project Ranking 1/12/2012

	Project		Water Supply	Water Quality	Environmental	Flood	IRWMP	Goals	Strategic Co	nsiderations	Rea	diness	Statewide		Total	
Rank	No.	Project Title	Subotal	Subotal	Subotal	Subotal	Subotal	% of Total	Subotal	% of Total	Subotal	% of Total	Subotal	% of Total	Subotal	% of Total
		Maximum Possible Points	51	24	8	4	87	100.0%	33	100.0%	38	100.0%	22	100.0%	180.0	100.0%
1	14	IID Systems Conservation and Improvements Projects for IWSP	39	7	0	2	48	55.2%	12	36.4%	25	65.8%	19	86.4%	104.0	57.8%
2	2	Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)	39.5	12	0	2	53.5	61.5%	12.5	37.9%	12	31.6%	18	81.8%	96.0	53.3%
3	20	East Mesa Groundwater Storage Project	41.5	5	0	2	48.5	55.7%	18	54.5%	13	34.2%	15.5	70.5%	95.0	52.8%
4	19	Ave. 62, Thomas Levy Recharge Site.	40	5	0	2	47	54.0%	18	54.5%	14	36.8%	15.5	70.5%	94.5	52.5%
5	7	East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)	36.5	13.5	0	2	52	59.8%	10	30.3%	12	31.6%	19	86.4%	93.0	51.7%
6	13	Keystone Water Reclamation Facility	18	10	3.5	2	33.5	38.5%	12	36.4%	23	60.5%	19	86.4%	87.5	48.6%
7	18	Ave 72, Martinez Canyon Groundwater Storage Project	40	5	0	2	47	54.0%	13.5	40.9%	11	28.9%	15.5	70.5%	87.0	48.3%
8	21	Painted Canyon Groundwater Storage Project	39.5	5	0	2	46.5	53.4%	9	27.3%	15	39.5%	16.5	75.0%	87.0	48.3%
9	46	Large-Scale Microalgal Cultivation on Recently- Exposed Playa Lands for Improving Salton Sea Water Quality and Regional Air Quality	15	9	8	2	34	39.1%	11.5	34.8%	21.5	56.6%	14.5	65.9%	81.5	45.3%
10	9	City of Brawley Reclaim Water Project	19.5	9.5	0	2	31	35.6%	20	60.6%	15.5	40.8%	14	63.6%	80.5	44.7%
11	15	Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture:	8.5	7	3	2	20.5	23.6%	12.5	37.9%	21.5	56.6%	13.5	61.4%	68.0	37.8%
12	12	City of Brawley Water Meter Project	20.5	4	0	2	26.5	30.5%	9	27.3%	24	63.2%	7	31.8%	66.5	36.9%
13	1	HPUD WWTP Upgrade to Tertiary Treatment	18	10	0	2	30	34.5%	9	27.3%	16	42.1%	11	50.0%	66.0	36.7%
14	8	City of Brawley Raw Water Storage Project	24	10.5	0	2	36.5	42.0%	12	36.4%	10	26.3%	7	31.8%	65.5	36.4%
15	6	New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project	7.5	8	7	2	24.5	28.2%	5	15.2%	18.5	48.7%	15.5	70.5%	63.5	35.3%
16	35	Holtville Wastewater Treatment Plant Improvement Project	5.5	7.5	3	3	19	21.8%	9.5	28.8%	24.5	64.5%	10.5	47.7%	63.5	35.3%
17	36	Holtville Wastewater Collection System Project	8	10	1.5	2	21.5	24.7%	4.5	13.6%	28.5	75.0%	9	40.9%	63.5	35.3%
18	34	Holtville Water Distribution System Project	7	9.5	0	2	18.5	21.3%	8.5	25.8%	25.5	67.1%	8.5	38.6%	61.0	33.9%
19	39	Holtville Stormwater Conveyance System and Detention Basin Project	10	8.5	1	4	23.5	27.0%	4.5	13.6%	19	50.0%	14	63.6%	61.0	33.9%
20	41	Drainage Improvements in the Township of Seeley; County Project No. 5363	9	7.5	0	4	20.5	23.6%	7.5	22.7%	23.5	61.8%	6	27.3%	57.5	31.9%
21	37	Holtville UV Transmittance Water Treatment System Project	5	12	0	2	19	21.8%	3	9.1%	24	63.2%	6	27.3%	52.0	28.9%
22	32	Water distribution storage tanks, 2 each 5MG	8	9	0	2	19	21.8%	4.5	13.6%	19	50.0%	7.5	34.1%	50.0	27.8%
23	38	Holtville Stormwater Master Plan Project	4.5	3.5	1.5	3	12.5	14.4%	3	9.1%	26	68.4%	6	27.3%	47.5	26.4%
24	40	Holtville Sewer Master Plan/Map Update Project	4.5	7	0	2	13.5	15.5%	3	9.1%	20	52.6%	7	31.8%	43.5	24.2%





# Imperial IRWMP Water Forum Agenda and Presentation January 2012



# IMPERIAL IRWMP

#### **Integrated Regional Water Management Plan**

http://imperialirwmp.org/

Date: Thursday, January 19, 2012, 9:00 - 11:30 AM

SDG&E Renewable Energy Center 1425 Main Street, El Centro, CA 92243

#### WATER FORUM AGENDA

TIME	CONTENT	PRESENTERS
9:00 AM	Sign-in	Staff
9:10 AM	Welcome, Introductions, Agenda Review	Dale Schafer
9:20 AM	2. Current Events – Stakeholder News	Dale Schafer
9:40 AM	3. IRWMP Work Plan Status & Milestones - ATTACHMENT	Anisa Divine
9:55 AM	4. Review Preliminary Project Ranking: What we have & what's next - ATTACHMENT	Matt Zidar
10:25 AM	<ul> <li>5. Resource Management Strategies</li> <li>Finalized Adopted RMS: Increase Water Supply, Reduce Water Demand, Improve Flood Management - ATTACHMENT</li> <li>Action: Volunteer for final reading</li> <li>Draft Improve Water Quality RMS Findings - ATTACHMENT</li> <li>Action: Adopt Improve Water Quality RMS Findings</li> </ul>	Dale Schafer
	6. Resource Management Strategies  ■ Practice Resources Stewardship Background & RMS Findings -  HANDOUT	Matt Zidar
11:05 AM	7. Steps to Developing Implementation Grant Applications: What question do you have?	Matt Zidar
11:15 AM	<ul> <li>8. Schedule future meetings</li> <li>WF meetings in 2012</li> <li>March 15 – RMS Final Action; Implementation Plan; IRWMP Mandatory Elements (Governance, Finance, Interregional Coordination, Data Management, etc.)</li> <li>April 19 – Adopt Project Ranking; Review Governance &amp; Finance for IRWMP implementation</li> <li>May 17 – (optional)</li> <li>June 21 – Public Meeting to review &amp; comment on Draft Administrative IRWMP</li> <li>July 19 – Adopt Final IRWMP</li> <li>Projects Work Group meeting - March 14</li> <li>Public Agencies adopt Final IRWMP - July 20 - Sept 7</li> </ul>	Dale Schafer
11:30 AM	Adjourn	Dale Schafer



# Agenda for Water Forum Meeting January 19, 2012

- 1. Welcome, Introductions, Agenda Review
- 2. Current Events Stakeholder News
- 3. IRWMP Work Plan Status & Schedule
- 4. Review Preliminary Project Ranking
- 5. Resource Management Strategies
  Adopted Findings
  Introduced: Improve Water Quality
- 6. Resource Management Strategies Practice Resources Stewardship
- 7. Steps to Developing Implementation Grant
- 8. Schedule of Future Meetings

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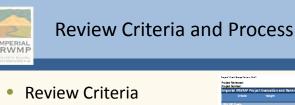
#### **Imperial Water Forum**

Agenda Item 4. Review Preliminary Project Ranking

January 19, 2012



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- Review Criteria
   Adopted by Forum in
   June 2011. Forum
   Direction October
- 2011- Review and rank projects in two steps: Readiness first; then score and rank projects second

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#### **Review Process**

- First Table
  - 49 projects submitted. Second Call= 32; First Call = 17.
- Sort Second Call Projects to indicate readiness to proceed
  - Projects Phase (design, preliminary design, planningfeasibility, concept)
  - Project Start and End Dates
  - 24 Second Call Projects Reviewed
- All first call and second call projects go into the IRWMP

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# Categories for the Ranking Criteria

Project Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total Points	% of Total
IRWMP Goals			87	48.3%
1 Water Supply Goal	51	58.6%		
2 Water Quality Goal	24	27.6%		
Environmental Protection and Enhancement Goal	8	9.2%		
Flood Protection and Stormwater Management Goal	4	4.6%		
Subtotal IRWM Goals	87	100.0%		
Strategic Considerations for IRWM Plan Implementation			33	18.3%
Readiness to Proceed Category			38	21.1%
Other CDWR Statewide IRWMP Criteria	22	12.2%		
	ect Score	180	100.0%	
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Review Preliminary Results

- Goals (Water Supply+ Water Quality + Environmental + Flood)

- Strategic Considerations
- Readiness
- Readiness
- Statewide
- Total Score

This is the Review Preliminary Results

- This is the Review Preliminar



# **Next Steps**

- Compile submitted project information and post on web site
- Compile reviewer comments
- Coordinate Project Work Group March 14, 2012
  - Recommendations for IRWMP Priority list
  - Recommendations for Grant Priority List
    - Grant Ready/Shovel Ready
    - CDWR Schedule

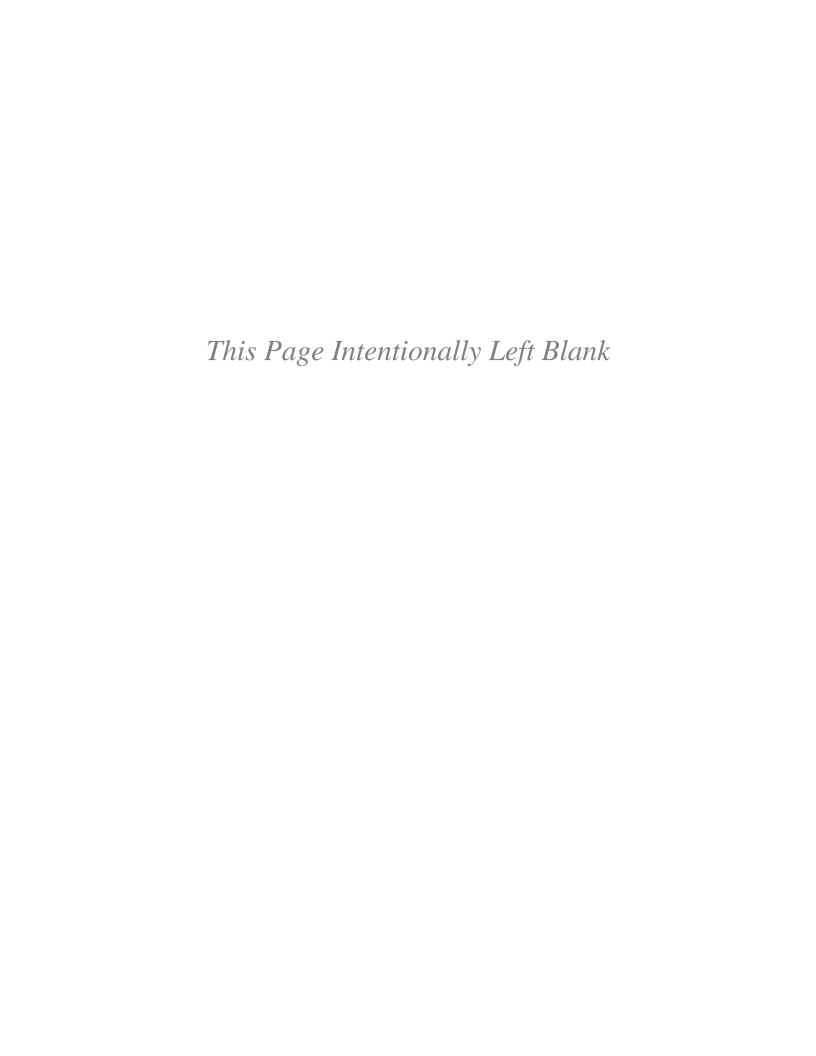
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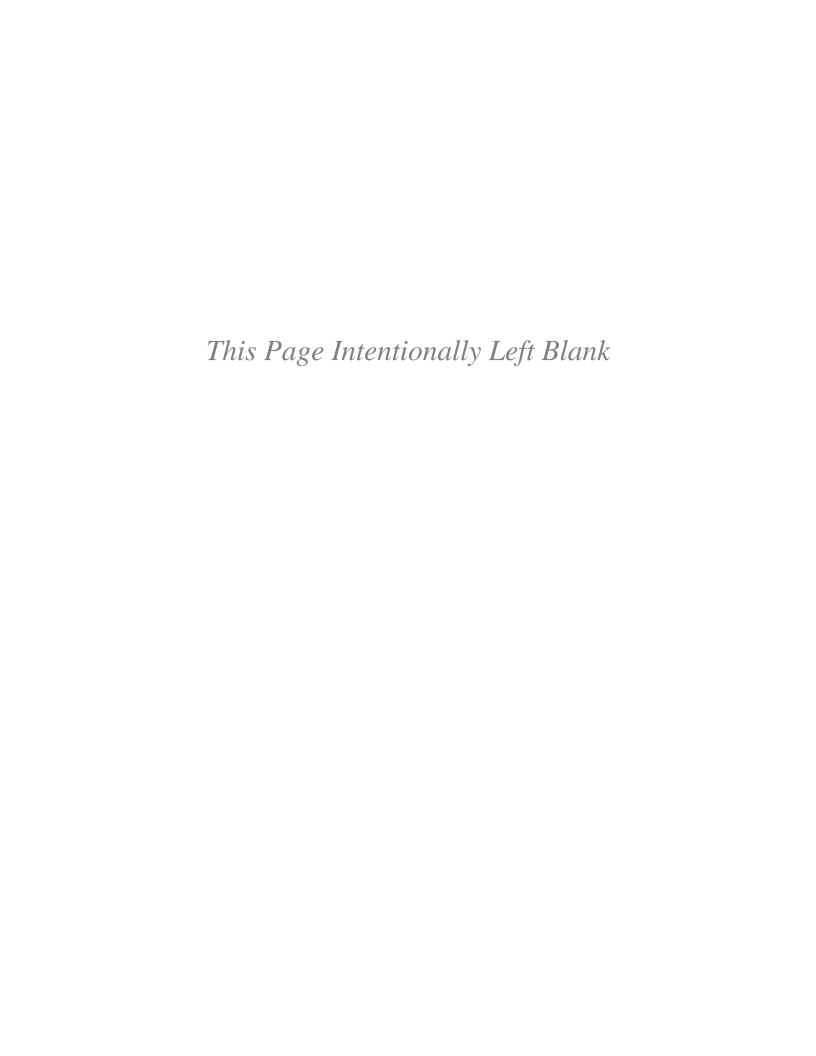
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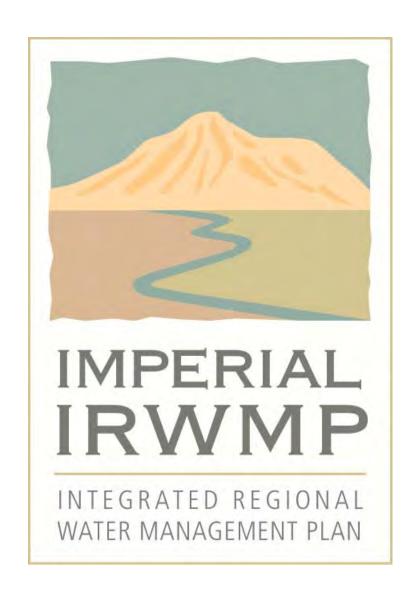


# **CDWR Funding Schedule**

DWR External Milestones/Time Frame	
Revise Program Guidelines & PSP (Implementation & SWFM)	
Stakeholder Workshops & Public Feedback	Late 2011
Revised Draft Guidelines and PSP for Public Review	Spring 2012
Release Final Round 2 Program Guidelines & PSP	Summer 2012
Prop 84 Implementation Grant Round 2 (2-Step Process)	
Step 1 - IRWM Plan Evaluation Phase	
Applications Due	Fall 2012
Release Final Call Back List	Spring 2013
Step 2 - Project Evaluation Phase	
Applications Due	Summer 2013
Announce Final Awards	Fall 2013
Prop 84 Implementation Grant Round 3	
Step 1 Applications Due	Mid/Late 2014
Final Awards	Mid/Late 2015
Local Groundwater Assistance Grants	
Release Revised Draft Guidelines & PSP for Public Review &	lan 10
Comment	Jan-12
Release Final Guidelines & PSP	Spring 2012
Applications Due	Spring 2012
Announce Final Awards	Fall 2012







# Imperial IRWMP Project Scoring Sheets January 2012

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Please click on the project title below to view project information. To return to this page please click the "Project Score" at the top of the score summary table.

Project No.	<u>Title</u>
1	HPUD WWTP Upgrade to Tertiary Treatment
2	Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)
6	New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project
7	East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)
8	City of Brawley Raw Water Storage Project
9	City of Brawley Reclaim Water Project
12	City of Brawley Water Meter Project
13	Keystone Water Reclamation Facility
14	IID Systems Conservation and Improvements Projects for IWSP
15	Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture
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38	Holtville Stormwater Master Plan Project
39	Holtville Stormwater Conveyance System and Detention Basin Project
40	Holtville Sewer Master Plan/Map Update Project
41	Drainage Improvements in the Township of Seeley; County Project No. 5363
46	Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton Sea Water
40	Quality and Regional Air Quality

# **Project Score**

Project ID	1				
Project Title	HPUD WWTP Upgrade to Tertiary Treatment				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				30	16.7%
1. Water S	upply Goal	18	35.3%		
2. Water C	Quality Goal	10	41.7%		
3. Environi	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	rotection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			9	5.0%
Readiness to P	Proceed Category			16	8.9%
Other CDWR S	tatewide IRWMP Criteria			11	6.1%
		Total Pro	oject Score	66	36.7%

# Imperial IRWMP Project Review Score Sheet

Project Reviewed: HPUD WWTP Upgrade to Tertiary Treatment

Project Number: 1

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria		Reviewer One		Reviewer Two
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
,	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		1		1	
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.	_			
	Defined and identifiable negative impacts to agricultural water supplies.				
Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
2. Improve water supply.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or				
	industrial demands by 2025? This supply cannot withdraw from current agricultural	1		1	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				
	0 to 5000 acre feet; yield or limited ability to firmly define.		1.2 MGD approximately 1,300 AFY		1.2 MGD Capacity is equivalent to 1,344 AFY
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		, ,		
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	•			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.				
Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and federal requirements?	1		1	
	Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and				Tertiary treated water would be available for
5 Command fronting Harrison and	beneficial use.				industrial demand.
5. Support for in-lieu uses or substitution for Colorado River	Would the project provide a source of supply that could be used as a substitute for a current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?	_		-	
water.	Projects would provide a source of supply and allow for reapportionment.				
	The project would not create a source of supply that could be used by a current user as a	1			
	substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?				
Management Strategies.		1		1	
-	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1			
	0. Less than three RMS.	1			
-	•	•			

HPUD WWTP Upgrade to Tertiary Treatment

Project Number: Project Reviewer:

1

Melissa Cansdale/Sam Schaeffer Combo

Imperial IRWMP Project	Evaluation and Ranking Criteria		Reviewer One		Reviewer Two
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	1		1	
	Plan, UWMP, or existing Capital Facility Plan?	1		1	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.				
3. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	1		1	
	groundwater?	1		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could		May protect ag users by offsetting an industrial		Project may offset an industrial demand of higher
	have potentially significant impact by causing overdraft.		demand, which takes a higher priority.		priority.
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
<ol> <li>Match Water Quality to use.</li> </ol>	Would the project make beneficial use of poor quality water and provide economic	1		1	
	benefits?	•			
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	Project would not make beneficial use of poor quality water source water or provide				Project is to treat wastewater to match with
2 C DAC- West-	economic benefits.  Would the project support DACs in meeting wastewater disposal and permit requirements;				industrial use to offset demand.
2. Support DACs- Wastewater.	create economies of scale; and provide recycled water and reuse opportunities to extend	2		2	
	Colorado River supplies?	2		2	
	Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?	Ü			
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	O. Donardo alta DACoba month dela litra contra de ada con contra de ada co				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
	2. Project could benefit water quality of drains or rivers.				
	Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.				Treated water is designated for industrial use not
	Project could have impacts on water quality of drains or rivers.	1			environmental use.
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board				
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	0		0	
,/	Improves compliance with established TMDLs and implement stormwater BMPs.				

HPUD WWTP Upgrade to Tertiary Treatment

Project Number: Project Reviewer:

1

Melissa Cansdale/Sam Schaeffer Combo

Imperial IRWMP Project I	Evaluation and Ranking Criteria		Reviewer One		Reviewer Two
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.				
C. Dansan and January	We like the second of the seco				
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	2		2	_
	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.  1. Project would not improve groundwater quality and would not protect existing water				
	auality.				
	Project would not improve groundwater quality or could have potentially significant				
	impacts to existing water quality.				
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				Based on Project Information, it is uncertain if Proje
	project impacts.				will provide any regional supply for environmental
	Project does not increase or improve habitat.				water use or support habitat.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				-
	Does not integrate multiple design elements or provide multiple benefits.				
Fland Bustontinu and Champanatan	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
Percent of IRWMP Goal=					
Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWN					
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1		1	
S	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.  1. Moderate degree of stakeholder support and moderate potential for conflicts within	-			
	Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.				
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	1		1	
	4. < \$150/af.				1
	3. \$151 to \$300/af.	1			
	2. \$301 - \$450/af.	1			Rough annual costs of \$465 per AF for 20 years for
	1. >450/af.	1	Estimated at approximately 6460 and 45 for 22		the WWTP upgraded were estimated based on
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		Estimated at approximately \$460 per AF for 20 years.		Project Information.
3. Equitable Cost Stratting		0		0	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		1			

Project Reviewed: HPUD WWTP Upgrade to Tertiary Treatment

Project Number:

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria		Reviewer One		Reviewer Two
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Cincina	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	Costs for new water and programs distributed to new and existing rate payers in roughly				
	equal proportions.				
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
•					
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue				
	generation. No solid documentation.				
Readiness to Proceed Category		_			
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	3		3	
	program without the need for new agreements or additional funding?	3			
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the project?	1		1	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.	-			Project information indicates limited funding to
					advance DAC projects, including this one.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	1		1	
	The permits have been obtained or are in the process.	4			
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.				
5. Funding	Are the project funding sources well defined?	1		1	
<del>-</del>	Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				
	0. No financial plan and commitments established; no resources defined for maintenance				
	and operations.	<u> </u>			
Other CDWR Statewide IRWMP C	riteria				
1. Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	0		0	
	recreation, or other benefits?	U			
	1= Yes				Limited to WWTP improvement at one DAC and help
	0= No				with water quality of discharge to drain.
2. Involves multiple participants	Does the project include multiple stakeholders and participants?	_		_	
and stakeholders		0		0	
	1				

HPUD WWTP Upgrade to Tertiary Treatment

Project Number:

1

Project Reviewer:

Melissa Cansdale/Sam Schaeffer Combo

Imperial IRWMP Project Evaluation and Ranking Criteria		Reviewer One			Reviewer Two		
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer		
	2. Projects involves four or more participants through agreements and funding.						
	1. Project involves two to four participants through agreements and funding.						
	Projects involves one stakeholder.						
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1			
	1= Yes				One DAC community that may provide treated water		
	0= No				for industrial uses.		
4. State Program Preferences	Does the project support meet the state preferences?	1		1			
	1= Yes						
	0= No						
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1			
	1= Yes						
	0= No						
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	0		0			
	vulnerability to the effects of climate change?			0			
	1. Project would help the region adapt to climate change and reduce the vulnerability to the						
	effects of climate change.						
	0. Project would not help the region adapt to climate change or reduce the vulnerability to						
	the effects of climate change.						
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1			
	The project does not significantly contribute to the GHG emissions relative to other projects.						
	The project contributes to GHG emissions; and does not support renewable energy.						
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	1		1			
Support to Renewable Energy							
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.						
	0. The project does not support the expansion of renewable energy in the Region or state.				Project information indicates purpose is to provide a water supply for geothermal industry.		

# **Project Score**

Project ID	2								
Project Title	Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)								
Projec	Total points	% of Total							
IRWMP Goals				53.5	29.7%				
1. Water Si	upply Goal	39.5	77.5%						
2. Water Q	uality Goal	12	50.0%						
3. Environr	mental Protection and Enhancement Goal	0	0.0%						
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%						
Strategic Consi	derations for IRWM Plan Implementation			12.5	6.9%				
Readiness to P	roceed Category			12	6.7%				
Other CDWR S	tatewide IRWMP Criteria			18	10.0%				
		Total Pro	oject Score	96	53.3%				

# Imperial IRWMP Project Review Score Sheet

Project Reviewed: Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)

Project Number: 2

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
G. Hollo		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
, , , , , , , , , , , , , , , , , , , ,	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2		2	
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				Project is to develop 50,000 AFY desalination plant to
	Defined and identifiable negative impacts to agricultural water supplies.				treat brackish surface water from the Alamo River or
2. Image in Maker Comple	<u> </u>				from IID drains.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or				
	industrial demands by 2025? This supply cannot withdraw from current agricultural	4		4	
	supplies.				
	5. >50,000 acre feet.				The project will treat brackish water from drain and
	4. 25,001 to 50,000 acre feet.				deviler to suitable use. The Project information does
	3. 10,001 to 25,000 acre feet.				not define if the brackish drain water is in need of
	2. 5001 to 10,000 acre feet.				replacement or needs to be mitigated. The treated
	to 5000 acre feet; yield or limited ability to firmly define.				water would go to uses to offset delivery of CO River
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through				Water.
maintain Colorado River yields.	development of groundwater storage of underruns?	1		2	
manitani colorado kiver yielas.	The project would provide for storage or use of Colorado River supply.				
	The project would provide for storage of use of colorado liver supply.      The project could be integrated with other projects or strategies, or altered to provide for				
	storage or use of Colorado River supply.				Draiget provides use of CO Diver but does not
	O. The project is not, does not, and could not include aspects of storage or use of Colorado		There is potential for this project to be integrated		Project provides use of CO River, but does not provide for storage in District. CO River water is
	River Supply.		with other projects to include storage.		stored in the river system and exchange in delivery.
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable		. ,		, <u> </u>
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		2	
	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.	_			
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and				Desal of drain water results in water available for additional beneficial uses.
5. Support for in-lieu uses or	beneficial use.  Would the project provide a source of supply that could be used as a substitute for a				additional beneficial uses.
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?	_		_	
	Projects would provide a source of supply and allow for reapportionment.		Project would create a source of supply from		
	0. The project would not create a source of supply that could be used by a current user as a	1	brackish surface water from the Alamo River and IID		
	substitute for Colorado River supply and subsequent reapportionment.		drains, which conceivably substitutes Colorado River water.		
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?				
Management Strategies.		2		2	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				
	ı				1

Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)

Project Number: Project Reviewer: 2

Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	1		1	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.	1			
	Limited or no consistency with existing plan.	-			
3. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of				
or Ground water ringines.	groundwater?	1		2	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent		The produced water would be conveyed to IID		Project matches desal drain water with non-
	or address overdraft or has impact on such aquifers.		conveyance facilities for distribution to agricultural users as a substitute for using Colorado River water.		agricultural uses that are not presently part of the overlying groundwater users. This helps to prever
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could		If ag users use groundwater this water supply could		and address overdraft as long as the drain water w
	have potentially significant impact by causing overdraft.		protect and optimize groundwater use.		not already part of the groundwater balance.
Vater Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.	1			
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	1		2	
	benefits?				
	<ol><li>Project would make beneficial use of poor quality source water not otherwise used and provide economic benefits.</li></ol>				
	Project would treat water quality to make beneficial use of poor quality water source	_			
	water not otherwise used and provide economic benefits.				
	Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.				
. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	2		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.	_			
	0. Does not have any effect on community compliance with requirements; does not create		This project could assist in creating economic		
	economies of scale; or provide recycled water to extend the Colorado River supply.		benefits by supplying a variety of projects with water as well as create a source of supply for ag users.		The project is to treat drain water, not wastewate
S. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public		as well as create a source of supply for ag users.		The project is to treat drain water, not wastewate
. Support Bries Brinking Water	health, or creating economies of scale?	1		0	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
		_	There is potential for assisting in creating an		
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		economy of scale if water is provided for industrial		Project is to treat drain water; does not address
. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	-	use.	-	drinking water for DACs.
. Effect on existing waterways	1 1 1 1	2		2	
	Project could benefit water quality of drains or rivers.	1			
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.  O. Project could have impacts an water quality of drains or rivers	-			Based on the Project Information, poor quality dra
	Project could have impacts on water quality of drains or rivers.				water is to be cleaned up using desal.
6. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?  2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed: Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)

Project Number:

Project Number:		_			
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
ee.iia	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	_ :				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.				Based on the Project Information, TMDLs or
			Not discussed on project submittal form.		implenting a stormwater BMP not identified.
. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	
	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				Based on Project Information, project is to make
	0. Project would not improve groundwater quality or could have potentially significant				available a reclaimed water supply thru desal of
	impacts to existing water quality.				drain water source.
nvironmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
nhancement Goal	commercial, industrial, and agricultural land uses.				T
. Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				No indication in the Project Information that the
	Project does not increase or improve habitat.				project will improve habitat.
. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?				
	Integrates multiple design elements to provide multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.				
Management Goal	<ul> <li>Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.</li> </ul>				
L. Reduce impacts from stormwater events	Would the project help to reduce economic damages; and protect life and property from localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
trategic Considerations for IRWI					
. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1		1	
	High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within	1			
	Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.				Uncertain based on Project Information
. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	1		1	Oncertain based on Project information
. Cost Effectiveness		1		1	
	4. <\$150/af.	_			
	3. \$151 to \$300/af.	_			
	2. \$301 - \$450/af.				
	1. >450/af.	1	Cost is listed as \$466/AF		
. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		2	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
	, , , , , , , , , , , , , , , , , , , ,				

Project Reviewed: Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)

Project Number:

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	Costs for new water and programs distributed to new and existing rate payers in roughly				It is antisinated all sasts for docal of drain water
	equal proportions.		Not provided on project submittal form.		It is anticipated all costs for desal of drain water would be paid thru fees for new industrial uses.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net		Not provided on project submittal form.		would be paid this fees for new industrial uses.
		2		1	
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	2		1	
	Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				December of the second
	D. Limited occurrentation.     Limited or no potential for contributing to economic activity, creating jobs, revenue				Based on projections in Project Information, uncertain if and when geothermal energy will be
	generation. No solid documentation.				developed.
Readiness to Proceed Category	Igeneration. No solid documentation.				developed.
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or				
1. Timeliness	program without the need for new agreements or additional funding?	2		2	
	4. Immediate, < 1 Year.				-
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
	Nind-term, 5 to 6 Years to develop.     Long-term, >6 Years to develop.				
Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the				
2. Technical reasibility of Project		2		2	
	<ul><li>project?</li><li>3. The project has detailed documentation, including reconnaissance, and feasibility studies</li></ul>				-
	and completed engineering designs.  2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				
			Information included in Draft IID Plan		
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	0		0	
	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.				
5. Funding	Are the project funding sources well defined?	0		0	
J. I GIIGHIB	Financial plan and commitments are well defined; clear resource commitments to	U			1
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance	1			
	and operations.				
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,				
2 ovides maniple belients	recreation, or other benefits?	1		1	
	1= Yes				1
	0= No	1			
Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders	Does the project mediae multiple stakenoluers and participants:	0		0	
and stakenoiders					

Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)

Project Number:

2

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.				Project Information identifies IID only.
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				
	0= No				
1. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No	1			
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				1
	0= No	1			
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		1	
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	<ol> <li>Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.</li> </ol>				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
3. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	1		1	
<del>-</del> -	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.		This is discussed explicity on the project submittal form.		

# **Project Score**

Project ID	6								
Project Title	New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project								
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total				
IRWMP Goals				24.5	13.6%				
1. Water Si	upply Goal	7.5	14.7%						
2. Water Q	uality Goal	8	33.3%						
3. Environr	nental Protection and Enhancement Goal	7	87.5%						
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%						
Strategic Consi	derations for IRWM Plan Implementation			5	2.8%				
Readiness to P	roceed Category			18.5	10.3%				
Other CDWR S	tatewide IRWMP Criteria			15.5	8.6%				
		Total Pro	oject Score	63.5	35.3%				

#### Imperial IRWMP Project Review Score Sheet

New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project Project Reviewed:

Project Number:

6
Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Citteria		Score	Comments	Score	Comments
IRWMP Goals		30010	Commences	30010	Commence
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
water supply doar	sustainable supply to meet current and future demands				
Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.	boes the project have an effect to water supplies historically available to agriculture:	1		1	
water.	No impacts and clearly defined benefits to agricultural water supplies.		The project does not propose to effect water supply for either		The New River Bioremediation project, once
			The project does not propose to affect water supply for either agricultural or municipal use. The explanation of the project's		operational, would supply water to an environment use and benefit agriculture thru improvement of
	Some impacts and no benefits to agricultural water supplies.		water supply benefit appears to benefit ecosystem restoration		water quality of the component of the New River
	Defined and identifiable negative impacts to agricultural water supplies.		moreso than water supply.		that is related to ag return flows.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	1		0	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	-		o o	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				No water supply yield estimate provided in project
	0 to 5000 acre feet; yield or limited ability to firmly define.		No water supply amount is discussed.		submital form.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	0		0	
maintain Colorado River yields.	development of groundwater storage of underruns?	Ü		U	
	2. The project would provide for storage or use of Colorado River supply.		The project lists GW storage as an aspect of a met DWR RMS,		
	1. The project could be integrated with other projects or strategies, or altered to provide		however no further information is provided at this time. It appears		
	for storage or use of Colorado River supply.		GW storage would be additive to this project, and not a direct goal		The location of the Project and connectivity to an
	0. The project is not, does not, and could not include aspects of storage or use of Colorado		of this project. This is not to say groundwater storage is not a		underlying gw basin for storage of CO River Supply is
4. Carana Calanada Birra	River Supply.		viable option for clean water from this system at this time.		not clearly defined.
<ol> <li>Conserves Colorado River Supplies.</li> </ol>	Would the project implement water conservation measures that demonstrate reasonable beneficial use and maintain consistency with established industry standards, state, and	0		0	
Supplies.	federal requirements?	U		U	
	Implements water conservation measures that surpass requirements and strongly				-
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				The Project would conserve local water through
	demonstrate or support documentation of reasonable and beneficial use.		No supporting documentation was provided at this time. There is		conversion of poor quality water into supply usable
	Does not implement water conservation measures, or measures do not meet		a beneficial use for wetland habitats that is inherent in this		for a new environmental demand/use. Therefore, it
	requirements; does not demonstrate or support documentation of reasonable and		project and this score will most likely change once supporting		may not add to the CO River Supply since it is not
	beneficial use.		documentation is provided.		being delivered in place of an existing ag demand.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?  1. Projects would provide a source of supply and allow for reapportionment.				-
	1111	1	The project states the 'clean' water would be used for constructed		
	0. The project would not create a source of supply that could be used by a current user as a		wetlands developed for wildlife habitat restoration and therefore		
	substitute for Colorado River supply and subsequent reapportionment.		does not act as a substitute for Colorado River supplies.		See previous comment.
<ol><li>Integrate Resource Management Strategies.</li></ol>	Will the project apply or integrate Resource Management Strategies?	2		1	
management strategies.	Integrates five or more RMS.		This project claimed 14 Regional Management Strategies (RMS)		1
	1. Integrates 3-5 RMS.	1	were satisfied by this project. The finding of this reviewer is the		This Project has claims several RMS, however, they
	O. Less than three RMS.	1	project meets 7 of the total RMS listed.		are not directly connected nor strongly supported.
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	_			
	Plan, UWMP, or existing Capital Facility Plan?	0		1	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
		1			1

New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project

Project Number:

6 Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Moderate degree of consistency. Project concepts identified in GP or other plan.				Concept to reduce waste nutrients from tributaries
					entering the Salton Sea is supported in Salton Sea
	Limited or no consistency with existing plan.		Not discussed in the project submittal form.		planning.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0		0	
	groundwater?  2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				-
	prevent or address overdraft or has no impacts on such aquifers.				
	May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not discussed in the project submittal form.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	2		1	
	benefits?			_	-
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				Project is to evaluate field scale of treatment process
	0. Project would not make beneficial use of poor quality water source water or provide		The project hopes to treat New River water for habitat		and is expecting to provide some level of economic
	economic benefits.		remediation.		benefit.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit				
	requirements; create economies of scale; and provide recycled water and reuse	0		0	
	opportunities to extend Colorado River supplies?				4
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	0. Does not have any effect on community compliance with requirements; does not create				The direct benefit of this Project supporting DACs
	economies of scale; or provide recycled water to extend the Colorado River supply.				wastewater disposal is not clearly identified in the
					Project Information.
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?  2. Assists DACs to meet standards, address public health threats, and create economies of				-
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	Assists DACs to meet standards, does not create economies of scale.				
	1. Assists DACs to fileet standards, does not create economies of scale.				The direct benefit of this Project supporting DACs
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		Drinking water standards are not discussed as a goal or benefit of		drinking water standards is not clearly identified in
	o. Does not assist DACs to meet drinking water standards or create economies of scale.		this project.		the Project Information.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2	and project	2	the Project miorination.
<u> </u>	Project could benefit water quality of drains or rivers.	-		_	
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.  0. Project could have impacts on water quality of drains or rivers.		Desired intended to improve the control of the		This Project is capable of positive effect on water
Complement Total St. 100			Project intends to improve the water quality.		quality of drain water.
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?				
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
	1				
	1. Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.				
	, , , , , , , , , , , , , , , , , , ,		Project does not discuss TMDLs or stormwater BMPs.		Does not apply to Project
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0		1	
· ·	Project would improve groundwater quality so that it can be used <u>or</u> would protect			-	
	existing water quality.			1	
L	existing water quality.			l	

New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project

Project Number:

6

Project Reviewer:

6 Melissa Cansdale/Sam Schaeffer Combo

	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				
	0. Project would not improve groundwater quality or could have potentially significant				Based on the Project information, it protects existing
	impacts to existing water quality.		Project does not discuss improving groundwater resources.		wq but does not directly improve gw quality.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				1
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	2		2	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.  1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				
	Project does not increase or improve habitat.		Project intends to increase/improve habitat by constructing		Project will improve habitat and could support
2. Interneted Design Floresets	· ·		wetlands and removing waste nutrients from the water.		mitigation of other project impacts.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?	0		1	
	Integrates multiple design to define the multiple benefits.				-
	Does not integrate multiple design elements or provide multiple benefits.	1	Project discusses recreational elements as a possibility, however		
		L	there is no final design with those aspects provided at this time.		
	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
1 Dadwas immediate	Would the project help to reduce economic damages; and protect life and property from				T
Reduce impacts from stormwater events	localized stormwater events and runoff from urban areas?	1		1	
storniwater events					-
	2. Project would reduce economic damages, protect life and property.				
	1. Projects would not reduce economic damages or protect life and property.				
			The project does not appear to reduce or significantly affect		Exact location of Project is unknown and stated
	0. Project could increase economic damages or result in potential impacts to life or		economic damages or protect life or property from stormwater		purpose is primarily for water quality treatment, no
	property.		damages in particular.		flood retentioin.
Strategic Considerations for IRWI  1. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		0	
1. Fublic Acceptance/Fublic		0		0	-
3	High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	†			
2. Cost Effostive	17 1 2		Not discussed in the project submittal form.		None stated in the Project information
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	
	4. <\$150/af.	]			
	3. \$151 to \$300/af.				
	2. \$301 - \$450/af.	1			
	1. >450/af.	1	No cost per acre foot is provided		No cost per af provided in Project information.
Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?				per ar provided art roject information.
	and a series and a series and a series of producing arose series in	0		2	
	All costs for new water would be paid for by new users; no effects on current rate base.				
	3, 3, 3,				
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of	1			
	the costs borne by new users.	]			
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				Since all identified funding is either grant or local
	equal proportions.		Not discussed in the project submittal form.		cost share, no effect on current rate base.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and	1		1	
	Cities?				-
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.  1. Moderate potential for contributing to economic activity, creating jobs, revenue	+			
	generation. Limited documentation.		This project has potential for creating jobs as well as now		
1	generation. Littited documentation.	1	This project has potential for creating jobs as well as new	l	

New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project Project Reviewed:

Project Number:

6 Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	Limited or no potential for contributing to economic activity, creating jobs, revenue	neviewei		neviewei	Project information states potential for economic
	generation. No solid documentation.		industries (fertilizers, energy source, nutraceuticals, etc.) if the evaluation yields favorable results.		activity, limited documentation.
Readiness to Proceed Category	generation. No solid documentation.	<u> </u>	evaluation yields ravorable results.		activity, limited documentation.
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or				
1. Timeliness	1	4		4	
	program without the need for new agreements or additional funding?  4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
	Nild-term, >6 Years to develop.     Long-term, >6 Years to develop.				Project sponsor is in place.
Technical Feasibility of Project					Project sponsor is in place.
2. Technical Feasibility of Project	project?	1		1	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies		-		-
	1				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				
3. Environmental Compliance	Does the project have environmental documentation and clearance?	1		0	
	2. Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		This documentation was not provided to us.		Exact site location not identified.
4. Permitting	Does the project have permits or a plan to obtain permits?	1		0	
-	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				Demote and an algebraiched by the design of the second state of th
	The permit requirements are not known and there is no plan or schedule.				Permits and env doc identified but not clearly know or scheduled
5. Funding	Are the project funding sources well defined?	1		1	oi scrieduleu
3. Funding	Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance				Statement of a local cost match and proposed
	and operations.				budget, but no documented funding source.
Other CDWR Statewide IRWMP C					badget, but no documented runding source.
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,				
1. Frovides multiple beliefits	recreation, or other benefits?	1		1	
	1= Yes				
	0= No				
2. Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders		0		1	
anu stakenouers	2 Postantia de la Companya de Maria de				
	2. Projects involves four or more participants through agreements and funding.				
	1. Project involves two to four participants through agreements and funding.				Projecst lists other governmental agencies as fundin
	0. Projects involves one stakeholder.				sources.
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited	0		1	
	stakeholder group?	U		1	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	needs, which is not well supported and the project i
	1= Yes				not elible for storm water and flood managmeent
	0= No	1			funding.
Statewide Priorities	Does the project support meet the statewide priorities?	1		1	g.
5. Statewide i Horities		1		1	
	1= Yes				Drought prepardness and DAC benefits are not
	0= No				supported.

New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project Project Reviewed:

Project Number:

6 Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Imperial IRWMP Project Evaluation and Ranking Criteria						
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer	
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		1		
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.     Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				Very minimal positive effect.	
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	0		1	,	
	<ol> <li>The project does not significantly contribute to the GHG emissions relative to other projects.</li> </ol>					
	The project contributes to GHG emissions; and does not support renewable energy.		This is unknown at this time. The production of methane as a byproduct could affect GHG levels in the region.			
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		1		
	1. The project provides clear and tangible support to the expansion of renewable energy in the Region or state.					
	0. The project does not support the expansion of renewable energy in the Region or state.		This is unknown at this time. It is a possibility.		Minimal component of potential for methane gas use.	

## **Project Score**

Project ID	7				
Project Title	East Brawley 25 KAFY Desalination with Well Field and	d Groundwater	Recharge (L	Pesal 12)	
Projec	t Review Criteria, Distribution of Available Points	Subtotal	% of	Total	% of Total
Projec	t Review Criteria, Distribution of Available Foliits	Goals G		points	% Of TOtal
IRWMP Goals				52	28.9%
1. Water Supply Goal 36.5 71.6%					
2. Water Q	2. Water Quality Goal 13.5 56.3%				
3. Environn	nental Protection and Enhancement Goal	0	0.0%		
4. Flood Pro	otection and Stormwater Management Goal	2	50.0%		
Strategic Consi	derations for IRWM Plan Implementation			10	5.6%
Readiness to Proceed Category					6.7%
Other CDWR St	tatewide IRWMP Criteria			19	10.6%
		Total Pro	oject Score	93	51.7%

### Imperial IRWMP Project Review Score Sheet

Project Reviewed: East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)

Project Number: 7

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
,	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?			_	
water.		2		2	
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.		Intent of project is to provide 25,000 afy of new		Project is to develop 25 KAFY desalination using wel
Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		supply, which could benefit ag water supplies.		field and groundwater.
2. Improve water supply.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or				
	industrial demands by 2025? This supply cannot withdraw from current agricultural	3		3	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.	_			
	3. 10,001 to 25,000 acre feet.	_			
	2. 5001 to 10,000 acre feet.				The project will use desal to treat groundwater. The
	0 to 5000 acre feet; yield or limited ability to firmly define.		25,000 afy as stated		treated water would go to uses to offset delivery of CO River Water.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		25,555 a., a. statea		GO THITE! WILLE!!
maintain Colorado River yields.	development of groundwater storage of underruns?	1		2	
	The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	r			
	storage or use of Colorado River supply.				Project provides use of CO River, but, does not
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				provide for storage in District. CO River water is
	River Supply.				stored in the river system and exchanged in delivery
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		2	
	federal requirements?		_		
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.  1. Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and				Desal of groundwater results in water available for
	beneficial use.				additional beneficial uses.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a				
	substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource Management Strategies.	Will the project apply or integrate Resource Management Strategies?	2		2	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.	1			
ļ					

East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)

Project Number:

7

Project Reviewer:

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	ls the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	1		1	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.				
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of				
o. Groundwater nights.	aroundwater?	2		1	
	Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				1
	prevent or address overdraft or has no impacts on such aquifers.				Project matches desal of groundwater with non-
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				agricultural uses. This project may not help to
	or address overdraft or has impact on such aquifers.				prevent and address overdraft since it is making use
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				of groundwater, however, it depends on if the
	have potentially significant impact by causing overdraft.				groundwater to be used as the desal supply is counted in the groundwater balance.
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.	1			
1. Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	2		2	
	benefits?				
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.  1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.				
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	0. Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				The project is to decal groundwater, not westerness
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public				The project is to desal groundwater, not wastewater
.,	health, or creating economies of scale?	1		1	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	1. Assists DACs to meet standards, does not create economies of scale.				
	O. Doos not essist DACs to most designing under the dead of a second of the second of				Desiration dead around 1
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				Project is to desal groundwater and has the possibility of addressing drinking water for DACs.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	,
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.				Based on the Project Information, groundwater is to
	0. Project could have impacts on water quality of drains or rivers.				be cleaned up using desal.
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	U		U	
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				

Project Reviewed: East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	1			Based on the Project Information, TMDLs or
	b. Does not help meet established through and does not implement stormwater built s.		Not in project submittal form.		implementing a stormwater BMP not identified.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	2		1	
	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.  O. Project would not improve groundwater quality or could have potentially significant	-			Based on Project Information, project is to make use of poor quality groundwater, but, not necessarily
	impacts to existing water quality.				improve it or protect it.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	2. Desirable consequences in the black and an elder consequence for the constant				
	<ol><li>Project increases or improves habitat and could support mitigation of other project impacts.</li></ol>				
	Project increases or improves habitat, but cannot be used to support mitigation of other	1			
	project impacts.				No indication in the Project Information that the
	Project does not increase or improve habitat.				project will improve habitat.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?				
	Integrates multiple design elements to provide multiple benefits.	_			
	0. Does not integrate multiple design elements or provide multiple benefits.				
	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	,,				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWN		1 -		_	
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
3	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.  1. Moderate degree of stakeholder support and moderate potential for conflicts within	-			
	Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.				Uncertain based on Project Information
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	1		1	3,500
	4. < \$150/af.	_			
	3. \$151 to \$300/af.				
	2. \$301 - \$450/af.				
	1. >450/af.	+	Listed cost at \$480/AF		
Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		LISIEU COSI di \$400/AF		
5. Equitable cost sharing	20 the children that receive the benefits pay for the costs of producing those benefits:	0		1	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
	, , ,				

Project Reviewed: East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				It is uncertain if all costs for desal of groundwater
	Costs for new water and programs distributed to new and existing rate payers in roughly				would be paid thru fees for new industrial uses or
	equal proportions.		Not discussed on project submittal form.		shared by local rate payers.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				, , , , , , , , , , , , , , , , , , , ,
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	2		1	
	<b>3</b> ,,,,				
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				Based on projections in Project Information,
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue				uncertain if and when new uses, such as, geotherma
	generation. No solid documentation.				energy will be developed.
Readiness to Proceed Category		_			
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	2		2	
	program without the need for new agreements or additional funding?	_			
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
2. Tankadaal Faardhiliba af Basiant	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the project?	2		2	
	The project has detailed documentation, including reconnaissance, and feasibility studies				-
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	The project is conceptually defined, but has potential to help meet goals and objectives.	-			
	o. The project is conceptually defined, but has potential to help fileet goals and objectives.		IID Draft Plan		
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
•	Existing studies and completed environmental documents.				-
	There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	0		0	
9	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.				
5. Funding	Are the project funding sources well defined?	0		0	
or a maning	Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance	1			
	and operations.				
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		1	
	recreation, or other benefits?	1		1	
	1= Yes	_			
	0= No				
2. Involves multiple participants	Does the project include multiple stakeholders and participants?	0		1	
and stakeholders		U		1	
					_

East Brawley 25 KAFY Desalination with Well Field and Groundwater Recharge (Desal 12)

Project Number: Project Reviewer:

7

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				Project Information identifies IID and other
	Project involves two to four participants through agreements and funding.				interested parties for regional geothermal energy
	Projects involves one stakeholder.				development.
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				1
	0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		1	
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	1		1	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

## **Project Score**

Project ID	8				
Project Title	City of Brawley Raw Water Storage Project				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				36.5	20.3%
1. Water S	upply Goal	24	47.1%		
2. Water C	Quality Goal	10.5	43.8%		
3. Environi	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			12	6.7%
Readiness to P	Proceed Category			10	5.6%
Other CDWR S	tatewide IRWMP Criteria			7	3.9%
		Total Pro	oject Score	65.5	36.4%

### Imperial IRWMP Project Review Score Sheet

Project Reviewed: City of Brawley Raw Water Storage Project
Project Number: 8

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	2		1	
water.					
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	0. Defined and identifiable negative impacts to agricultural water supplies.				
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or industrial demands by 2025? This supply cannot withdraw from current agricultural	4		1	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.		Approximately 100 afric estimated to be sayed and		Project information predicts a 0.100 mgd saving from the WTP that will reduce demands from the CO River
	2. 5001 to 10,000 acre feet.	]	Approximately 100 afy is estimated to be saved, and approximately 92 acre feet (30 MG) of storage would		water system by 36.5 million gallons / year. This
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		be available with the storage tank.		estimate is equivalent to 112 acft/yr.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	1		0	
maintain Colorado River yields.	development of groundwater storage of underruns?	-		Ů	_
	The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for storage or use of Colorado River supply.				
	O. The project is not, does not, and could not include aspects of storage or use of Colorado  O. The project is not, does not, and could not include aspects of storage or use of Colorado	1	There is potential for storage and extension of Colorado River supplies for a very limited amount of		Project provides an estimated 112 acft/yr saved water, but, does not add storage capacity of CO River
	River Supply.		time.		Supply.
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		1	
	federal requirements?				-
	Implements water conservation measures that surpass requirements and strongly demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				Project is a facility improvement that results in some
	requirements; does not demonstrate or support documentation of reasonable and				water conservation, not necessarily a large scale
5. Support for in-lieu uses or	beneficial use.  Would the project provide a source of supply that could be used as a substitute for a				water conservation measure.
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?				
	1. Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a				
	substitute for Colorado River supply and subsequent reapportionment.		A very limited supply.		An estimated 112 acft/yr would be saved.
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	1		1	
Management Strategies.	2. Integrates five or more RMS.				1
	Integrates 14e of Hore RWIS.     Integrates 3-5 RMS.	1			
	O. Less than three RMS.	1			
	o. Less than three rivis.				

City of Brawley Raw Water Storage Project

Project Number: Project Reviewer: 8

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	ls the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	1		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.		City's capital improvement program.		Part of City of Brawley Capital Improvement Program
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of		city's capital improvement program.		Part of City of Brawley Capital Improvement Flogra
or orounawater riights.	groundwater?	0		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not applicable with this project.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	2		0	
	Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.				
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		0	
	Colorado River supplies?  2. Brings community into compliance with requirements; creates economies of scale; and				_
	provides recycled water to extend the Colorado River supply.				
	· · · · · · · · · · · · · · · · · · ·				
	Brings community into compliance with requirements; does not create economies of  coales or provide required water to extend the Colorede River curely.				
	scale; or provide recycled water to extend the Colorado River supply.  O. Does not have any effect on community compliance with requirements; does not create		Uncertain if community is currently out of		
	economies of scale; or provide recycled water to extend the Colorado River supply.		compliance. Possibility of creating a limited term economy of scale during construction, could assist in		
	economics of scale, or provide recycled water to extend the colorado fiver supply.		extending a small amount of Colorado River supply.		
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	1	,	1	
	health, or creating economies of scale?	1		1	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		Could potentially create a limited term economy of		Improves performance of existing raw water
	10. Does not assist DACs to meet drinking water standards of create economies of state.		scale.		treatement plant.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	]			
	rivers.	1			
	Project could have impacts on water quality of drains or rivers.				
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?				
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
i		]		l	

City of Brawley Raw Water Storage Project 8

Project Number:

8

Project Reviewer:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	Improves compliance with established TMDLs or implement stormwater BMPs.	Reviewer	Reviewei	Reviewer	Keviewei
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.				Poject is specific to meeting the needs of drinking
Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	water for DAC area.
or reserve or improve	Project would improve groundwater quality so that it can be used or would protect	1		1	-
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.				
	0. Project would not improve groundwater quality or could have potentially significant				
Farring and and Dust estimated	impacts to existing water quality.		Not applicable with this project.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?				
		0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				
	Project does not increase or improve habitat.				
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				-
	Three rates multiple design elements to provide multiple benefits.     Does not integrate multiple design elements or provide multiple benefits.	_			
=1 15 16					
Management Goal	<ul> <li>Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.</li> </ul>				
Wallagement Goal	stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWI				_	1
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.  1. Moderate degree of stakeholder support and moderate potential for conflicts within				
	Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1			Based on Project Information, not enough evidence to score higher.
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	4		2	to score migner.
	, , , , , , , , , , , , , , , , , , , ,	4			
	4. < \$150/af.	]			If the project cost was all associated with the saved
	3. \$151 to \$300/af.				water, then the cost per acft/yr saved as the "yield"
	2. \$301 - \$450/af.	1	At \$4,000,000 over a 20 year period and assuming 92		is high. Cost of project associated with the local rate payer of volume of treated water was not provided
		4	afy, the approximate cost per acre foot of water		in the Project Information, thus, a score associated
	1. >450/af.		would be \$108.		with "low-cost" per acft was not justifiable.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
		U		U	

City of Brawley Raw Water Storage Project

Project Number:

8

	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Cincina	2. All costs for new water would be paid for by new users; no effects on current rate base.				
	,				
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of	Ī			
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				
	equal proportions.		Not provided on project submittal form.		Uncertain who will have ability to pay for costs.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		0	
	Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.	1			
	Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.  0. Limited or no potential for contributing to economic activity, creating jobs, revenue	1	Could greate limited term construction jobs and a		Constructing the improvements to the WTD would
			Could create limited term construction jobs and a few permanent maintenance positions.		Constructing the improvements to the WTP would be the positive economic activity.
Readiness to Proceed Category	generation. No solid documentation.	<u> </u>	new permanent maintenance positions.		be the positive economic activity.
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or				
1	program without the need for new agreements or additional funding?	3		3	
	4. Immediate. < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.	1			
	2. Mid-term, 3 to 6 Years to develop.	1			
	1. Long-term, >6 Years to develop.	1			
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	1		1	
	project?	1		1	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies, but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				Although technical reports not completed, the scope
	0. The project is conceptually defined, but has potential to help meet goals and objectives.	i			of work is well known and have been completed in
					similar communities.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
	Existing studies and completed environmental documents.	1			
	There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.	1			Environmental documents are not expected to be
4. Permitting	There are no studies or completed environmental documentation.      Does the project have permits or a plan to obtain permits?	0		0	difficult or complex.
4. Permitting	The permits have been obtained or are in the process.	U		- 0	
	The permits have been obtained or are in the process.     The permit requirements are known and there is a plan and schedule in place.	1			
	The permit requirements are known and there is a plan and schedule in place.  O. The permit requirements are not known and there is no plan or schedule.	1			
"					
5. Funding	Are the project funding sources well defined?	0		0	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.  1. Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance	1			
	and operations.				
Other CDWR Statewide IRWMP C		1			I .
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?	0		0	
	1= Yes				
	0= No	1			
	10	1			

City of Brawley Raw Water Storage Project

Project Number:

8

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
2. Involves multiple participants and stakeholders	Does the project include multiple stakeholders and participants?	0		1	
	2. Projects involves four or more participants through agreements and funding.				
	1. Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				IID and City of Brawley
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes				
	0= No				Limited to area served by City of Brawley
State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				Critical water supply needs of a DAC within region
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				Addresses the safe drinking water needs of a DAC
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		0	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	O. Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
·	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
3. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	1. The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

## **Project Score**

Project ID	9				
Project Title	City of Brawley Reclaim Water Project				
Projec	t Review Criteria, Distribution of Available Points	Subtotal	% of	Total	% of Total
		Goals	Goals	points	70 OI 10tai
IRWMP Goals				31	17.2%
1. Water S	upply Goal	19.5	38.2%		
2. Water O	uality Goal	9.5	39.6%		
3. Environr	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			20	11.1%
Readiness to P	roceed Category			15.5	8.6%
Other CDWR S	tatewide IRWMP Criteria			14	7.8%
		Total Pro	oject Score	80.5	44.7%

### Imperial IRWMP Project Review Score Sheet

 Project Reviewed:
 City of Brawley Reclaim Water Project

 Project Number:
 9

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	2	This project proposes to upgrade a treatment plant	2	
water.		2	to relieve a 5.9 MGD demand currently on Colorado	2	
	2. No impacts and clearly defined benefits to agricultural water supplies.		River water and provide a new source of water for		
	Some impacts and no benefits to agricultural water supplies.		industrial demand. However it is not clearly stated if		
	Defined and identifiable negative impacts to agricultural water supplies.		that relief would benefit agricultural users specifically.		Project reduces competition for CO River Water
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				, , , , , , , , , , , , , , , , , , ,
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	2		2	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	2			
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.	1			
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		5.9 mgd ~ 6,500afy		5.9 MGD converts to 6,500 AF/YR
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through				
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	1	The purpose of the upgrade is to provide a water		
	storage or use of Colorado River supply.		source for a geothermal energy plant. It is doubtful		Project helps with reclaiming wastewater, already
	0. The project is not, does not, and could not include aspects of storage or use of Colorado		the project would be altered to include groundwater		delivered source water, which then offsets demands
	River Supply.		storage.		on CO River. It does not add to GW storage.
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		1	
	federal requirements?				
	<ol><li>Implements water conservation measures that surpass requirements and strongly demonstrate or support documentation of reasonable and beneficial use.</li></ol>				
	Implements water conservation measures that meet requirements and partially	1			
	demonstrate or support documentation of reasonable and beneficial use.		As stated in the project submittal form, the project would recycle water for use in a geothermal plant, as		Reason for score of 1 is the uncertainty of place for
	Does not implement water conservation measures, or measures do not meet	1	well as remain in compliance with its existing NPDES		reclaimed water to be delivered. Once a geothermal
	requirements; does not demonstrate or support documentation of reasonable and		permit. Conservation is applicable through		plant is located to be built, project would score
	beneficial use.		wastewater treatment.		higher.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0	This project specifically states the water treated	1	
Water.	Region?		would alleviate Colorado River supply demand and		
	1. Projects would provide a source of supply and allow for reapportionment.		be reapportioned as industrial demand for geothermal energy development, however this		Although overall water balance may not change, the treated water could replace CO River Water
	0. The project would not create a source of supply that could be used by a current user as a		water is considered a "new" source of supply for		deliveries to future geothermal, thus matching a
	substitute for Colorado River supply and subsequent reapportionment.		(presumably) an as-yet built geothermal plant.		reclaimed water to an industrial use.
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	1		1	
Management Strategies.		1		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	Less than three RMS.				

City of Brawley Reclaim Water Project

Project Number: Project Reviewer:

Project Reviewer:	Melissa Cansadie/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	0		1	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				Project Information sheet unclear, however,
	Limited or no consistency with existing plan.		Unknown		reclaimed water project concepts are part of UWMPs.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0		1	
	groundwater?	· ·			
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				Project replaces demand for CO River Water; which
	have potentially significant impact by causing overdraft.		Unknown		reduces reliance on gw.
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
4 . N. 4 - 4 - 1 N. 4 - 4 - 2 O - 1 1 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.		Τ		T
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	2		1	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source	1			
	water not otherwise used and provide economic benefits.		Project intends to treat wastewater (poor quality		
	Project would not make beneficial use of poor quality water source water or provide		source water) for the purposes of supporting		
	economic benefits.		geothermal energy development.		
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		2	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.		Unsure if community is out of compliance with		
	0. Does not have any effect on community compliance with requirements; does not create		requirements. This project could create an economy		
	economies of scale; or provide recycled water to extend the Colorado River supply.		of scale and if it does not could in turn extend the		
			Colorado River supply.		
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?				-
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	1. Assists DACs to meet standards, does not create economies of scale.				
	O. Doos not essist DACs to make drinking water standards on greater growth of the	1	The purpose of the project is not to provide drinking		
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		water to any community. The project could be altered to do so but does not at this time.		
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2		2	
	2. Project could benefit water quality of drains or rivers.		Project intends to upgrade from secondary to		Increased level of treatment would provide some
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1	reclaimed water standards as well as remain in		benefit, however, the existing improvements are to
	rivers.	1	compliance with NPDES, which indicates an added		meet NPDES Permit requirements; future
	Project could have impacts on water quality of drains or rivers.		benefit.		improvements may not add more benefit.
5. Comply with Total Maximum Daily Loads (TMDLs)	Would the project help the region comply with Regional Water Quality Control Board Requirements or implement to stormwater BMPs?	0		0	
Daily Ludus (TIVIDES)	Improves compliance with established TMDLs and implement stormwater BMPs.		Already complies with site specific NPDES and		1
	2. Improves compilance with established Tivibes <u>and</u> implement stofffwater Bivibs.		presumably in line with the RWQCB. Because the		
	1	1		I	

City of Brawley Reclaim Water Project

Project Number:

9

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.		project intends to remain in compliance it does not		
	Does not help meet established TMDLs and does not implement stormwater BMPs.	1	improve compliance with established TMDLs or stormwater BMPs. Stormwater BMP compliance is		
	b. Does not help meet established TWDLS and does not imperient stormwater bivil s.		unknown at this time.		
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0		1	
	2. Project would improve groundwater quality so that it can be used or would protect				
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.		Water from this project is intended for a geothermal		
	Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		plant and not for groundwater remediation, use, recharge, etc.		Project not direcity improving gw quality; does match reclaimed water with use.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,		recharge, etc.		materi reciamea water with use.
Enhancement Goal	commercial, industrial, and agricultural land uses.				
1. Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
		0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.  0. Project does not increase or improve habitat.				
2. Integrated Design Floments	· ·		Not included on the project submittal form.		
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?	0		0	
	Integrates multiple design to define the multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.		Not included on the preject submitted form		
Flood Protection and Stormwater	Protect life and property from flooding and develop regional and local flood protection and	<u> </u>	Not included on the project submittal form.		
Management Goal	stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.	1			
	Project could increase economic damages or result in potential impacts to life or	-			
	property.		Not included on the project submittal form.		
Strategic Considerations for IRWN		ı			
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1		1	
•	High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.	]	This project intends to expand on the geothermal energy industry while reducing the demand on		
	Moderate degree of stakeholder support and moderate potential for conflicts within		Colorado River supplies. This will potentially create		
	Imperial Region.	4	an economic boost as well as alleviate agricultural		
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		pressures and possible		
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	4		4	Rough estimate ~\$100/AF additional cost based on
	4. < \$150/af.				total estimated costs stated in the Project
	3. \$151 to \$300/af.	1	Not included on the project submittal form. The		Information Form of \$12,500,000. Roughly
	2. \$301 - \$450/af.	1	project costs \$12.5 million and provides		\$650,000 per year over 20 years for 6,500 af-yr yield Or, ~100/af increase in cost for reclaimed water
	1. >450/af.	1	approximately 6,500 afy, over the course of 20 years the cost per acre foot would be approximately \$100.		treatment.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		per and the depression of the person of the	_	
	, , , , , , , , , , , , , , , , , , , ,	0		2	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		]			

City of Brawley Reclaim Water Project

Project Number: Project Reviewer: .

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				This is an assumption that the project would be paid
	Costs for new water and programs distributed to new and existing rate payers in roughly				for by those who benefit. It is not clearly defined in
	equal proportions.		Not included on the project submittal form.		the Project Information sheet.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net		. ,		
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
·					
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.		If a geothermal plant is constructed based on the		
	Moderate potential for contributing to economic activity, creating jobs, revenue		amount of water provided by this plant then yes.		
	generation. Limited documentation.	_	However, it should be a requirement that this water		
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue		is used for that purpose to provide the most		
	generation. No solid documentation.		economic benefit to the region.		
Readiness to Proceed Category					
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		3	
	program without the need for new agreements or additional funding?	7			
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				Funding sources are not developed or clrearly
	Long-term, >6 Years to develop.		As provided on the project submittal form.		identified.
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	1		2	
	project?				
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.	_			
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.	_	This project has a draft alternative study as well as		
	The project is conceptually defined, but has potential to help meet goals and objectives.		conceptual drawings, however no reconnaissance or feasibility study has been designed.		Draft alternative study and conceptural drawing are in place.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0	, ,	0	
	Existing studies and completed environmental documents.				1
	There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		Not included on the project submittal form.		
4. Permitting	Does the project have permits or a plan to obtain permits?	0		0	
	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.		Not included on the project submittal form.		
5. Funding	Are the project funding sources well defined?	1	Not included on the project submittal form.	0	
	Financial plan and commitments are well defined; clear resource commitments to	_		-	1
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance		Not seeking Prop 84 or 1E funds, have obtained half		
	and operations.		of the total estimated cost.		
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		1	
	1= Yes		Project intends to provide 5.9 mgd, maintain NPDES		
			water quality standards as outlined in existing NPDES		
	0= No		permit, assists in water conservation, and promotes		
		1	economic development.	l	

City of Brawley Reclaim Water Project

Project Number:

9

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Involves multiple participants and stakeholders	Does the project include multiple stakeholders and participants?	0		0	
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		0	
	1= Yes		Provides regional benefit in alleviating demand on		
	0= No		Colorado River supplies.		
4. State Program Preferences	Does the project support meet the state preferences?	1	This project can effectively resolve a significant	1	
	1= Yes		water-related conflice by providing a water supply of		
	0= No		5.9 mgd and alleviating demand on Colorado River water.		Only meets 1
5. Statewide Priorities	Does the project support meet the statewide priorities?	1	This project uses and re-uses water more efficiently. This project should be integrated with the	1	
	1= Yes				
	0= No		geothermal energy industry to meet the multi- benefit project.		Only meets 1
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		0	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	0. Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.		Not included on the project submittal form.		
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.		Unknown		
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	1		1	
	1. The project provides clear and tangible support to the expansion of renewable energy in the Region or state.		Yes, the project will provide a water supply for the		
	The project does not support the expansion of renewable energy in the Region or state.		purposes of expanding the geothermal energy industry in the region.		Project provides water supply to potential renewable energy.

## **Project Score**

Project ID	12				
Project Title	City of Brawley Water Meter Project				
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				26.5	14.7%
1. Water Si	upply Goal	20.5	40.2%		
2. Water Q	uality Goal	4	16.7%		
3. Environr	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Consi	derations for IRWM Plan Implementation			9	5.0%
Readiness to P	roceed Category			24	13.3%
Other CDWR S	tatewide IRWMP Criteria			7	3.9%
		Total Pro	oject Score	66.5	36.9%

### Imperial IRWMP Project Review Score Sheet

City of Brawley Water Meter Project
12 **Project Reviewed:** 

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Citeria		Score	Comments	Score	Comments
IRWMP Goals		30010	Comments	30010	Comments
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	1	Project states a conservation of 1 mgd if	2	
water		1	implemented, which calculates to approximately		
	No impacts and clearly defined benefits to agricultural water supplies.		1,120 afy. Unsure of benefits to agricultural users,		
	Some impacts and no benefits to agricultural water supplies.		not specifically stated in the project submittal form.  There COULD be a positive impact by offsetting the		
	Defined and identifiable negative impacts to agricultural water supplies.	-	need for urban delivery and reapportioning water to		Conserved water reduces demand on CO River Water
	o. Defined and identifiable negative impacts to agricultural water supplies.		agricultural users.		delivery.
<ol><li>Improve Water Supply.</li></ol>	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	1		1	
	industrial demands by 2025? This supply cannot withdraw from current agricultural				
_	supplies. 5. >50,000 acre feet.				-
	·				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.		Only calculates to 1,120 afy, but does not truly		
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		provide a new supply as conserve an old one.		1MGD equates to 1120 AF/YR
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	0		0	
maintain Colorado River yields.	development of groundwater storage of underruns?				
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado		Does not discuss storage or use of the Colorado River		Project has potential to reduce demand of CO River
	River Supply.		Supply.		Supply
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and federal requirements?	1		2	
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.	4	The project would adequately monitor usage		
	0. Does not implement water conservation measures, or measures do not meet		throughout the city, howeer supporting		Makes a second to a second to a few second to
	requirements; does not demonstrate or support documentation of reasonable and beneficial use.		documentation of a resaonable and beneficial use was not provided.		Water conservation resulting from metering is consistent with state requirements.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a		was not provided.		consistent with state requirements.
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		1	
Water.	Region?		It does not appear this project would create a source		
	1. Projects would provide a source of supply and allow for reapportionment.		of supply, but would rather more closely monitor		
	0. The project would not create a source of supply that could be used by a current user as a	1	the use for which the water is already intended. It is not clear as to what other use the proposed savings		Project has potential to reduce demand of CO River
	substitute for Colorado River supply and subsequent reapportionment.		would be used.		Supply
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?		1. Conveyance Improvement Vest water meters will		
Management Strategies.		1	Conveyance Improvement-Yes-water meters will provide a representation of water use in the system and allow for concentration measures to be in place.	2	
	2. Integrates five or more RMS.		and allow for conservation measures to be in place.  2. Urban Water Use Efficiency-Yes-monitors urban		
			water use		
		_	3. Industrial Process Water Use Efficiency-Yes-		

Project Number:

City of Brawley Water Meter Project

12

Melissa Cansdale/Sam Schaeffer Combo

Project Number:	12	-			
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	3. Industrial Process Reviewer	Reviewer	Reviewer
Cincina (	1. Integrates 3-5 RMS.		monitors industrial use		
			Water Exchanges-Yes-an accurate representation		
			of water use in the system will assist in water		
	Less than three RMS.		exchanges		
			5. Drinking Water Treatment-No-this project does		
			not discuss improving water treatment or water		
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	1		2	
	Plan, UWMP, or existing Capital Facility Plan?	1		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.		Project is identified in the Capital Improvement Plan		Capital improvement plan and metering in required
	Limited or no consistency with existing plan.		for 2012		element of UWMP
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of				
G	groundwater?	0		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.	_			
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Does not discuss groundwater.		
Vater Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
•	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
. Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	U		U	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.		Project does not intend to make beneficial use of		
	0. Project would not make beneficial use of poor quality water source water or provide		poor quality water. Economic benefit may arise from		
Comment DAG - Mantenanta	economic benefits.		meter use, however it is not stated in this project.		
. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;	0		0	
	create economies of scale; and provide recycled water and reuse opportunities to extend Colorado River supplies?	U		U	
	Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of	_			
	scale; or provide recycled water to extend the Colorado River supply.				
	Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
	continues of scale, or provide responde mater to externa the constant meter supply.		Not discussed in project submittal.		Metering of potable water, not wastewater.
B. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		1	
	health, or creating economies of scale?	U		1	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.	1			
	1. Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.	1			
	2. 2005 not assist price to meet armining water standards or create economies of scale.		Not discussed in project submittal.		Help reduce cost of treatment by demand reduction
. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	0	, , , , , , , , , , , , , , , , , , , ,	1	, and a second
5 · · · · · · · · · · ·	Project could benefit water quality of drains or rivers.			_	
	Project could be left water quality of drains of fivers.      Project would not provide benefit or have negative impacts on water quality of drains or provide benefit or have negative impacts.	-			
	rivers.				Project has potential to reduce demand of CO River
	HIVEIS.	L	Monitoring how much water is flowing through the	ı	Supply, however, water would likely be delivered ot

Project Number:

Project Reviewer:

City of Brawley Water Meter Project

12

Melissa Cansdale/Sam Schaeffer Combo

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
57715775	Project could have impacts on water quality of drains or rivers.		pipes, not the quality of that water.		additional industrial demand in future.
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	-	Indiana, market all and a second	2	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	0		0	
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.		Not discussed in project submittal.		Project not related to TMDL or stormwater BMPs.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0	Not discussed in project submittal.	1	Project not related to TMDE of Stormwater BMFS.
	2. Project would improve groundwater quality so that it can be used or would protect				
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water quality.				
	Project would not improve groundwater quality or could have potentially significant				
	impacts to existing water quality.		Not discussed in project submittal.		
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.	•			1
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	Project increases or improves habitat and could support mitigation of other project impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				
	Project does not increase or improve habitat.		Not discussed in project submittal.		
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?	0		0	
	Integrates multiple design elements to provide multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.		Not discussed in project submittal.		
Flood Protection and Stormwater Management Goal	Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	_		_	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.		Not discussed in project submittal.		
Strategic Considerations for IRWN		•			
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		0	
	High degree of stakeholder support and low potential for conflicts within Imperial Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within				
	Imperial Region.  O. Limited or no stakeholder support and potential for conflicts within Imperial Region.	1	Possible stakeholder protests over the monitoring of		Downson to the of out
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	3	water use.  Not discussed in the project submittal form, however	3	Payment capacity of rate payers is extremely low.
	4. < \$150/af.		for a \$4 million dollar project and a 1,120 afy "yield"		
	3. \$151 to \$300/af.	1	the possible cost per acre foot for the first year		Based on rough calculation of spreading the \$4M
	2. \$301 - \$450/af.	Ì	would be \$180 per acre foot for approximately 20		cost in Project information over 20 years with a
	1. >450/af.	1	years. However, long term costs have not been calculated.		potential water savings of 1,120 AF/Yr, it will cost ~\$180/AF
	2 150/4		calculateu.		\$10U/AF

City of Brawley Water Meter Project

12

Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Project Reviewer:

	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?				
	, , , , ,	0		0	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of	1			
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				It is expected these are rate payers withinthe district
	equal proportions.		Not discussed in the project submittal form.		installing the meters.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	0		0	
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue				
Boodings to Drg and Catan	generation. No solid documentation.				
Readiness to Proceed Category	Door the available was the ability for Challabeldons to not evidely to involve and available				T
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		4	
	program without the need for new agreements or additional funding?  4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
	1. Long-term, >6 Years to develop.				
Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the				
2. recrimed reasibility of rioject	project?	2		3	
	The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility		L		
	studies and has not been designed.		The project does not have technical reports and		
	The project is conceptually defined, but has potential to help meet goals and objectives.		documentation, but does have a completed		Urban water district metering is common frequent
	o. The project is conceptually defined, but has potential to help fileet goals and objectives.		environmental review, regulatory approval, and a completed permitting process.		Urban water district metering is common frequent practice.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	2		2	
	Existing studies and completed environmental documents.	]			
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.	1			
	There are no studies or completed environmental documentation.		Environmental review is complete.		Project only requires Cat Exclusion
4. Permitting	Does the project have permits or a plan to obtain permits?	2		2	
	2. The permits have been obtained or are in the process.	1			
	1. The permit requirements are known and there is a plan and schedule in place.	1			
	0. The permit requirements are not known and there is no plan or schedule.		Yes, the City Building Permit.		Only need City permits
5. Funding	Are the project funding sources well defined?	0		0	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	1			
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	4			
	0. No financial plan and commitments established; no resources defined for maintenance		Not discussed in the product of built of		
Other CDIMP State and a IDMAN CO.	and operations.		Not discussed in the project submittal form.		
Other CDWR Statewide IRWMP Con 1. Provides multiple benefits					
1. Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	0		0	
	recreation, or other benefits?				

City of Brawley Water Meter Project 12

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1= Yes				
	0= No		Provides only conservation benefits at this time.		Limited to urban water conservation thru metering.
2. Involves multiple participants and stakeholders	Does the project include multiple stakeholders and participants?	0		0	
	2. Projects involves four or more participants through agreements and funding.				1
	Project involves two to four participants through agreements and funding.				Project is for one DAC community; Requirement of
	0. Projects involves one stakeholder.				State for communities to install meters.
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0	If the project delivers the 1 mgd savings (1,120 afy) then that could help alleviate the regional demand	0	
	1= Yes 0= No	-	on Colorado River water. However, it is unclear if this would be a regional credit, or a city credit.		Single DAC.
State Program Preferences	Does the project support meet the state preferences?	1	would be a regional create, or a city create.	1	Single Brie.
	1= Yes 0= No				Two of the preferences.
Statewide Priorities	Does the project support meet the statewide priorities?	1		1	Two of the preferences.
	1= Yes				<u> </u>
<u> </u>	0= No				Two of the priorities.
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		1	
	<ol> <li>Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.</li> </ol>		Water metering would allow for quantifying the amount of water used and provide an avenue for		
	0. Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.		further water conservation efforts if climate change affects the region.		Project helps with climate change thru water demand reduction.
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	0. The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.	1			

## **Project Score**

Project ID	13				
Project Title	Keystone Water Reclamation Facility				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				33.5	18.6%
1. Water S	upply Goal	18	35.3%		
2. Water C	Quality Goal	10	41.7%		
3. Environi	mental Protection and Enhancement Goal	3.5	43.8%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			12	6.7%
Readiness to P	roceed Category			23	12.8%
Other CDWR S	tatewide IRWMP Criteria			19	10.6%
		Total Pro	oject Score	87.5	48.6%

Keystone Water Reclamation Facility
13 **Project Reviewed:** 

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	_			
water.		0		2	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				First phase of this facility supplies 2.5 MGD or 2,800
	Defined and identifiable negative impacts to agricultural water supplies.	Ī	Not discussed in the project submittal form.		acre-feet/year of treated wastewater or storm water to non-agricultural uses.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		Not discussed in the project submittal form.		to non-agricultural uses.
2. Improve water suppry.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	_		_	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	1		1	
	supplies.				
	5. >50,000 acre feet.				Project's first phase contributes 2,800 acre-
	4. 25,001 to 50,000 acre feet.	1			feet/year; up to 16,800 acre-feet/year at project
	3. 10,001 to 25,000 acre feet.	1			buildout of 15MGD. However, presently no
	2. 5001 to 10,000 acre feet.		Project intends to provide 2.5 mgd (~3,000 afy) of treated water for heavy industrial use.		municipal, commercial, or industrial demands are realized or under contract for delivery of this
	0 to 5000 acre feet; yield or limited ability to firmly define.				reclaimed water supply.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	_	,	_	,
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for				
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				Project has potential to off-set future CO River
	River Supply.		Not discussed in the project submittal form.		deliveries to non-agricultural uses.
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		1	
	federal requirements?				-
	<ol><li>Implements water conservation measures that surpass requirements and strongly demonstrate or support documentation of reasonable and beneficial use.</li></ol>				
	Implements water conservation measures that meet requirements and partially	1			
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet		Water conservation measures in terms of treating		
	requirements; does not demonstrate or support documentation of reasonable and		existing wastewater and stormwater for the		
	beneficial use.		purposes of industrial use (beneficial use).		
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		1	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.	1	Project does not provide a source of supply as a		First phase of this facility supplies 2.5 MGD or 2,800
	0. The project would not create a source of supply that could be used by a current user as a		substitute for a current use, but intends to provide a		acre-feet/year of treated wastewater or storm water
	substitute for Colorado River supply and subsequent reapportionment.		source of supply for a future use.		to non-agricultural uses.
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	2		2	
_	2. Integrates five or more RMS.		Damas and Mariki assume as fill		
	1. Integrates 3-5 RMS.	1	Removed Multi-purpose flood management from the list of selected RMS as it does not appear this facility		
	0. Less than three RMS.	1	would assist in major flood control.		
	•	•	.,		

Project Number: Project Reviewer:

Keystone Water Reclamation Facility

13

Melissa Cansdale/Sam Schaeffer Combo

Pinks, Univers, or estating capital parally Proins	Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Septiment   Sept	Imperial IRWMP Project	Evaluation and Ranking Criteria				
Septiment   Sept	Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
2. Greatest degree of consistency. Project consistency Project Con	7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	0		2	
A moderate care of the control with extending plant.  Groundwater Rights.  Will the project posted correlative groundwater ures (pumpers), clearly helps to prevent or address overdraft or has impacts on south aquillers.  1. May start and protect the ordering groundwater uresr (pumpers), clearly helps to prevent or address overdraft or has impacts on south aquillers.  1. May start and protect the ordering groundwater uresr (pumpers), clearly helps to prevent or address overdraft or has impacts on south aquillers.  1. May start and protect the ordering groundwater uresr (pumpers), clearly helps to prevent or address overdraft or has impacts on south aquillers.  1. What the start and protect the groundwater uresr (pumpers), dearly helps to prevent or address overdraft or has impact to south aquillers.  1. What the start and protect the groundwater uresr (pumpers), dearly helps to prevent or address overdraft or has impact to south aquillers.  1. What the region of the project addressed in the project submittal form.  1. What discussed in the project submittal form.  1. Project would the project submittal form.  1. Project would for mit the submittal form.  2. Project could have im						
Counting water rights   Counting water state of the project submitted form.   Counting water rights or optimize the use of provided water rights or optimize the use of provided water of address overdiff or has no impact on such aguifers.		Moderate degree of consistency. Project concepts identified in GP or other plan.	1			
Will the project protect correlative groundwater rights or optimize the use of provided productors?  2. Sustains and protects use of overlying groundwater users (pumpers); dearly helps to prevent or address, overland to his submitted to the sus origination to such aquifers.  3. May sustain and protect use of overlying groundwater users (pumpers); does not prevent or address overdard to his project or such aquifers.  4. May sustain and protect use of overlying groundwater users (pumpers); does not prevent or address overdard to his project or such aquifers.  5. Would not sustain or protect groundwater user of overlying users (pumpers); or could have potentially significant interests and the investment of the project submitted form.  Match Water Quality to use.  Match Water Quality to use.  Mould the project make beneficial use or poor quality water of otherwise used and provide conomic benefits.  2. Support DAC-Wastevater.  3. Project would not make beneficial user of poor quality water source water not otherwise used and provide conomic benefits.  4. Project would not make beneficial user of poor quality water source water not otherwise used and provide conomic benefits.  5. Project would not make beneficial user of poor quality water source water or provide water not otherwise used and provide economic benefits.  6. Project would not make beneficial use of poor quality water source water or provide economic benefits.  7. Project would not make beneficial user of poor quality water source water or provide economic benefits.  8. Project would not make beneficial user of poor quality water source water or provide economic benefits.  9. Project would not make beneficial user of poor quality water source water or provide economic benefits.  1. Project would not be provided water quality of make engages and permit requirements; create economics of scale; or provide recycled water on attending water fource water or provide economics of scale; or provide recycled water to attend the Colorado filver supply.  8. Support				Not discussed in the project submitted form		Mesquite Lake Specific Plan. The City is in final stage of property acquisition
Support DACs- Wastewater   Support DACs   Descripting project support suppor	8 Groundwater Rights	,		Not discussed in the project submittal form.		or property acquisition.
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Daily Loads (TMDLs)  Requirements or implement to stormwater BMPs?		0. Project could have impacts on water quality of drains or rivers.				the water quality of a drain or river is not identified
Paily Loads (TMDLs)  Requirements or implement to stormwater BMPs?	5. Comply with Total Maximum		0		0	
Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.	Daily Loads (TMDLs)	·	U		U	
		2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
			]		[	

Keystone Water Reclamation Facility
13

Project Number: Project Reviewer:

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo			_	
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	†			Based on the Project Information, TMDLs or
	10. Does not help meet established TWDLs and does not implement stormwater bivirs.		Not discussed in the project submittal form.		implenting a stormwater BMP not identified.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0	. ,	1	
	Project would improve groundwater quality so that it can be used or would protect				1
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				Based on Project Information, project is to make
	Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed in the project submittal form.		available a reclaimed water supply thru treament of surface water sources.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,	1	Not discussed in the project submittal form.		surface water sources.
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?			_	
		0		1	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.	1	There appears to be minimal intent to improve		
	1. Project increases or improves habitat, but cannot be used to support mitigation of other		habitat with water treated by this facility. Most		No indication in the Project Information that
	project impacts.		discussion revolves around heavy industrial or		improved habitat could be used for mitigtoin of
	Project does not increase or improve habitat.		recreational uses. The project offers landscape irrigation, parks, golf		other projet impacts.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	1	courses, or other recreational uses as benefits this	1	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.		water could be used for, but does not include them		1
	Does not integrate multiple design elements or provide multiple benefits.	-	as part of the project. However it is stated the		
Flood Duckooking and Chaussinstein	Protect life and property from flooding and develop regional and local flood protection and		project will incorporate constructed wetlands.		
Management Goal	stormwater management strategies.				
Wanagement Cour	Stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.		Not discussed in the project submittal form.		
Strategic Considerations for IRWN		Ι.	T	_	1
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1		1	
J	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.  1. Moderate degree of stakeholder support and moderate potential for conflicts within	1			
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.		The possibility of job creation may provide an avenue		
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1	for stakeholder support, however the possibility for		
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	1	revenue may be minimal.	4	
2. Sout Effectiveness		1		1	Hard to determine based on the Project Information
	4. < \$150/af.	4			provided; rough calculation of \$65M for cost of a
	3. \$151 to \$300/af.	4	The project will provide 2.5 mgd (~3,000 afy) and		project divided by 2800 AF/YR to 16,800 AF/YR over
	2. \$301 - \$450/af.	1	cost \$65 million. The cost per acre foot over a period		a 20 year period results in \$1,160 to \$194 range in
	1. >450/af.		of 20 years will be approximately \$1,100.		cost per acre-feet.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	1		2	
		_			-
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		J			

Keystone Water Reclamation Facility
13 Project Reviewed:

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of		A tiered rate structure is currently in place (with		
	the costs borne by new users.		water smart readers). Those methods will continue		
	Costs for new water and programs distributed to new and existing rate payers in roughly		to be used for servers connected to the Keystone		It is anticipated all costs for reclaimed water supply
	equal proportions.		Water Reclamation Facility.		would be paid thru fees for new industrial uses.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net		,		
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
	, , , , , , , , , , , , , , , , , , , ,				
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue				
	generation. No solid documentation.				Based on projections in Project Information
Readiness to Proceed Category					
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		3	
	program without the need for new agreements or additional funding?	·			
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.	_			
	2. Mid-term, 3 to 6 Years to develop.				
2. Tankaisal Faratkiika af Basisak	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the project?	2		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.		The project has completed the Draft environmental		
			document (MND). The final design is 90% complete.		Project stated as 90% design completed
3. Environmental Compliance	Does the project have environmental documentation and clearance?	1		1	
	2. Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.		The draft environmental study is not finalized at this		
	There are no studies or completed environmental documentation.		time. 3 - 6 months		Draft MND circulated and comments received.
4. Permitting	Does the project have permits or a plan to obtain permits?	1		1	
	2. The permits have been obtained or are in the process.	4	The project will require buliding permits from		
	1. The permit requirements are known and there is a plan and schedule in place.		Imperial County, RWQCB, and NPDES. A schedule is		
	0. The permit requirements are not known and there is no plan or schedule.		planned.		
5. Funding	Are the project funding sources well defined?	1		1	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	]	Documentation not provided, however local funding		
	0. No financial plan and commitments established; no resources defined for maintenance		is secured and a plan in place to schedule and finalize		
	and operations.	L	project funding.		
Other CDWR Statewide IRWMP C					1
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		1	
	recreation, or other benefits?  1= Yes				
	1= Yes 0= No	1			
Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders	Does the project include multiple stakeholders and participants?	2		1	
and stakenbluers					

Project Number:

Keystone Water Reclamation Facility

13

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes		Removed "Climate Change" and "Environmental Stewardship" as those two items are not expressly		
	0= No		discussed on the project submittal form.		
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	0		1	
	vulnerability to the effects of climate change?	U		1	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.				
	0. Project would not help the region adapt to climate change or reduce the vulnerability to				
	the effects of climate change.				
7. Greenhouse Gas Emissions	Does the project affect greenhouse gas emissions in the region?	1		1	
Contribution- Project					
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	0. The project contributes to GHG emissions; and does not support renewable energy.				
	o. The project contributes to drid emissions, and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	0			
Support to Renewable Energy		0		1	
	1. The project provides clear and tangible support to the expansion of renewable energy in				
	the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

# **Project Score**

Project ID	14								
Project Title	IID Systems Conservation and Improvements Projects for IWSP								
Projec	Total points	% of Total							
IRWMP Goals				48	26.7%				
1. Water Su									
2. Water Q	uality Goal	7	29.2%						
3. Environn	nental Protection and Enhancement Goal	0	0.0%						
4. Flood Pro	otection and Stormwater Management Goal	2	50.0%						
Strategic Consi	derations for IRWM Plan Implementation			12	6.7%				
Readiness to Pr	25	13.9%							
Other CDWR St	Other CDWR Statewide IRWMP Criteria								
		Total Pro	Total Project Score						

### Imperial IRWMP Project Review Score Sheet

IID Systems Conservation and Improvements Projects for IWSP

14

Melissa Cansdale/Sam Schaeffer Combo **Project Reviewed:** 

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
G. Heria		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		1		2	
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.				Impacts of conserved water are identified and
	<u> </u>				required mitigation for any project implementation.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	2		2	
	industrial demands by 2025? This supply cannot withdraw from current agricultural				
	supplies. 5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				
	0 to 5000 acre feet; yield or limited ability to firmly define.		0.000 6		5
Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		8,000 afy is stated in the project submittal form.		Stated yield of 8,000 ac-ft/yr.
maintain Colorado River yields.	development of groundwater storage of underruns?	2		2	
maintain colorado River yields.	The project would provide for storage or use of Colorado River supply.				
	The project would provide for storage of use of colorado fiver supply.      The project could be integrated with other projects or strategies, or altered to provide for				
	storage or use of Colorado River supply.				
	The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.				
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	2		2	
	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				Project is to conserve water thru implemention of
	Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and				conservation measures; implementation will require mitigation for reduction of drain flow that supports
	beneficial use.				habitat.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?				
	1. Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a				
	substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	2		2	
Management Strategies.		-			
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

IIID Systems Conservation and Improvements Projects for IWSP

14

Melissa Cansdale/Sam Schaeffer Combo

Project Number: Project Reviewer:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		2	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				Although not mentioned by specific project
	Moderate degree of consistency. Project concepts identified in GP or other plan.		Interim Water Supply Plan, consistent with a variety		components, conservation measures are the basis of water conservation actions mentioned in several
	Limited or no consistency with existing plan.	1	of plans, including the General Plan.		planning documents .
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	2	. , .	2	
	groundwater?	_		-	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.				
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	1		2	
	Project would make beneficial use of poor quality source water not otherwise used and				The project information indicates the conserved
	provide economic benefits.				water would be from tailwater or drains and be
	Project would treat water quality to make beneficial use of poor quality water source				delivered to new uses. It is not clear if the conserve
	water not otherwise used and provide economic benefits.		Unclear if water requires treatment prior to delivery,		water will require treament prior to delivery to the new use. It is clear the new use is not drinking water
	Project would not make beneficial use of poor quality water source water or provide		however end users/beneficial use not identified,		use; it is most likely to be used for cooling purposes
	economic benefits.		although stated as industrial.		for alternative energy.
Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;		arthough stated as maastran		ioi dicernative chergy.
z. Support Bries Wastewater.	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?	ŭ		ŭ	
	Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				Although this project has the potential to provide a stored water supply and extend the CO River supply
	Does not have any effect on community compliance with requirements; does not create				it does not assist in meeting wastewater disposal ar
	economies of scale; or provide recycled water to extend the Colorado River supply.				permit requirements, therefore, the score remaine
	economics of scale, of provide recycled nater to extend the colorado line; suppry				zero.
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?				
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	O. Donardon in DACodo and distribution and an about a second and a second a second and a second				This project would assist with water supply for
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				alternative energy projects, which may benefit DAC economy.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1			The project effect has been identified and mitigation
	rivers.	4			for this affect is part of the total cost per ac-ft of the
	Project could have impacts on water quality of drains or rivers.				estimated yield.
5. Comply with Total Maximum Daily Loads (TMDLs)	Would the project help the region comply with Regional Water Quality Control Board Requirements or implement to stormwater BMPs?	0		0	
,	· ·				
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

IID Systems Conservation and Improvements Projects for IWSP

14

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	1			
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	
	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water quality.				Project is to conserve water thru implemention of conservation measures of surface or drain water not
	Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				necessarily directly affecting quality the groundwater.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,	ı			8
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	Project increases or improves habitat and could support mitigation of other project impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other project impacts.				Project has to fund mitigation for effect to habitat to
	Project does not increase or improve habitat.	1			remain neutral.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?	0		0	
	Integrates multiple design elements to provide multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.	1			
Flood Protection and Stormwater Management Goal	<ul> <li>Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.</li> </ul>				
Reduce impacts from stormwater events	Would the project help to reduce economic damages; and protect life and property from localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWI			T		1
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		2	
5	High degree of stakeholder support and low potential for conflicts within Imperial Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				Based on the high ranking of the Goal and Objective
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		Not provided on project submittal form.		this suggests high degree of Stakeholder support
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	1		1	\$590/AF cost is a one-time capital cost for the 8,000
	4. <\$150/af.				AFY yield. If it is, then the project cost per ac-ft
	3. \$151 to \$300/af.	1			could be spread out over at least 20 year life of the
	2. \$301 - \$450/af.	1	Listed as \$500 per acre foot, with an additional \$00		project or more, could reduce the cost per ac-ft of yield, and thus raise this catergory to the highest
	1. >450/af.	-	Listed as \$590 per acre foot, with an additional \$90 per acre foot for mitigation purposes.		rank of 4.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0	I	0	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		_			

IID Systems Conservation and Improvements Projects for IWSP

14

Project Number:

Project Number:	14				
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
<del></del>	, <u>~</u>				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				At the present level of planning, it is uncertain
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				regarding the defined method of distributing costs
	equal proportions.				based on the Project Information provided to date.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	2		2	
	, p , , , p				
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue	1			
	generation. Limited documentation.		This project could assist in an alternative energy		Documentation includes a tech memo regarding
	Limited documentation.     Limited or no potential for contributing to economic activity, creating jobs, revenue	1	portfolio for the region and would therefore assist in		potential economic activity resulting from this
			creating an economy of scale.		project.
Dandings to Dungs of Catagons	generation. No solid documentation.		creating an economy of scale:		project.
Readiness to Proceed Category	To 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			T
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	3		3	
	program without the need for new agreements or additional funding?				
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	1		1	
	project?	1		1	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,	1			
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility	1			
	studies and has not been designed.				
		-			
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				
3. Environmental Compliance	Does the project have environmental documentation and clearance?	2		2	
	2. Existing studies and completed environmental documents.				
	There are some existing studies or plans to complete studies; a clear plan to complete	1			
	environmental documentation.				
	There are no studies or completed environmental documentation.	1			
1. Permitting	Does the project have permits or a plan to obtain permits?	1		1	
T. I CIMILLING	The permits have been obtained or are in the process.	1		1	
	The permits have been obtained or are in the process.     The permit requirements are known and there is a plan and schedule in place.	1		1	
	· · · · · · · · · · · · · · · · · · ·				
	0. The permit requirements are not known and there is no plan or schedule.				
5. Funding	Are the project funding sources well defined?	2		2	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.			1	
	1. Financial plan under development; requires rate payer and/or funding agency approval;	1		1	
	no defined resource commitments to maintenance and operations.			1	
	No financial plan and commitments established; no resources defined for maintenance	1			
	and operations.				
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,				
1. 1 Tovides multiple beliefits	recreation, or other benefits?	1		1	
	1= Yes				
		-			
N. Lavordona annolate I	0= No				
2. Involves multiple participants	Does the project include multiple stakeholders and participants?	0		1	
and stakeholders					

IID Systems Conservation and Improvements Projects for IWSP

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.		No other stakeholders are listed.		
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes 0= No				Conserved water would potentially befefit all wate users in Region.
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes 0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes 0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		1	
	<ol> <li>Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.</li> </ol>				
	<ol> <li>Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.</li> </ol>				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
3. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	1		1	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				Conserved water will be available as a firm water
	0. The project does not support the expansion of renewable energy in the Region or state.				supply to support other uses, such as, alternative energy development.

# **Project Score**

Project ID	15								
Project Title	Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture :								
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total				
IRWMP Goals				20.5	11.4%				
1. Water S	upply Goal	8.5	16.7%						
2. Water C	Quality Goal	7	29.2%						
3. Environi	mental Protection and Enhancement Goal	3	37.5%						
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%						
Strategic Cons	iderations for IRWM Plan Implementation			12.5	6.9%				
Readiness to P	roceed Category			21.5	11.9%				
Other CDWR S	tatewide IRWMP Criteria			13.5	7.5%				
		Total Pro	oject Score	68	37.8%				

## Imperial IRWMP Project Review Score Sheet

Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture:

15 **Project Reviewed:** 

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		1		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.		No impacts and no benefits to water supply.		The project, once operational, would require a supply or water, which may be reclaimed water.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		ino impacts and no benefits to water supply.		supply of water, which may be reclaimed water.
, , , , , , , , , , , , , , , , , , , ,	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	1		0	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	1		0	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				No water supply yield estimate provided in project
	2. 5001 to 10,000 acre feet.				submital form; this project is more of a new use or
	0 to 5000 acre feet; yield or limited ability to firmly define.				reuse of water that is reclaimed.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	0		0	
maintain Colorado River yields.	development of groundwater storage of underruns?	U		U	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	1			
	storage or use of Colorado River supply.	_			The project is to make use of water or reuse
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				reclaimed water; storage is accomplished in the CO
A. Caracaras Calarada Disar	River Supply.				River System.
Conserves Colorado River Supplies.	Would the project implement water conservation measures that demonstrate reasonable beneficial use and maintain consistency with established industry standards, state, and	0		1	
Supplies.	federal requirements?	U		1	
	Implements water conservation measures that surpass requirements and strongly				1
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				The Project would conserve local water by making
	requirements; does not demonstrate or support documentation of reasonable and				use of water in less quantity than previous land use
5.0 15.11	beneficial use.				or by reuse of reclaimed supply.
5. Support for in-lieu uses or substitution for Colorado River	Would the project provide a source of supply that could be used as a substitute for a current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?	U		0	
water.	Projects would provide a source of supply and allow for reapportionment.				See previous comment, although, in the case of
	The project would not create a source of supply that could be used by a current user as a	-			replacing an ag crop with higher water use, then it
	substitute for Colorado River supply and subsequent reapportionment.				could provide some supply. The Project Information is not definitive enough to score higher.
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?				is not definitive enough to score nigher.
Management Strategies.		2		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1			
	0. Less than three RMS.	1			
ļ		1			

Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture : 15 Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Imperial IRWMP Project					
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	ls the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	0		0	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.		Not answered on the project submittal form.		
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of groundwater?	0		0	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.				
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	2		1	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				Project is the end use of a poor quality water that
	0. Project would not make beneficial use of poor quality water source water or provide				has been treated/reclaimed and it would provide
	economic benefits.				some level of economic benefit.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	0. Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?	U		U	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	1. Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
,	Project could benefit water quality of drains or rivers.	_		_	
	Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.		Project intends to use existing quality and not		
	Project could have impacts on water quality of drains or rivers.	1	Project intends to use existing quality and not improve it.		
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board		inprote it.		
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	0		0	
,,	Improves compliance with established TMDLs and implement stormwater BMPs.				
		_		-	

Project Reviewed: Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture:

Project Number: 15

Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer: Imperial IRWMP Project Evaluation and Ranking Criteria Question/Performance Measures Reviewer Reviewer Reviewer Reviewer Criteria 1. Improves compliance with established TMDLs or implement stormwater BMPs. 0. Does not help meet established TMDLs and does not implement stormwater BMPs. 6. Preserve or Improve Would the project preserve or improve quality of groundwater resources? 1 1 2. Project would improve groundwater quality so that it can be used or would protect existing water quality. 1. Project would not improve groundwater quality and would not protect existing water 0. Project would not improve groundwater quality or could have potentially significant Based on the Project information, it will make use of a supply or reuse of reclaimed water. impacts to existing water quality. Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, **Environmental Protection and Enhancement Goal** commercial, industrial, and agricultural land uses. 1. Environmental Enhancements | Would the project increase or improve habitat or support mitigation of other impacts? 1 1 2. Project increases or improves habitat and could support mitigation of other project 1. Project increases or improves habitat, but cannot be used to support mitigation of other project impacts. 0. Project does not increase or improve habitat. Project has potential to improve habitat. Does the project integrate environmental, open space, parks, or other recreational 2. Integrated Design Elements 0 0 elements into the design to achieve multiple benefits? 1. Integrates multiple design elements to provide multiple benefits. 0. Does not integrate multiple design elements or provide multiple benefits. Flood Protection and Stormwater Protect life and property from flooding and develop regional and local flood protection and **Management Goal** stormwater management strategies. Would the project help to reduce economic damages; and protect life and property from 1. Reduce impacts from 1 1 localized stormwater events and runoff from urban areas? stormwater events 2. Project would reduce economic damages, protect life and property. 1. Projects would not reduce economic damages or protect life and property. Exact location of Project is unknown and stated purpose is primarily for lower water use crop 0. Project could increase economic damages or result in potential impacts to life or substition or reuse of treated water, not flood retention. property. Strategic Considerations for IRWM Plan Implementation 1. Public Acceptance/Public Will the project be able to gain public support from the rate paying population? 0 1 2. High degree of stakeholder support and low potential for conflicts within Imperial Region. 1. Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region. 0. Limited or no stakeholder support and potential for conflicts within Imperial Region. None stated in the Project information Is the cost per acre foot of yield competitive with the other projects in the Region? Cost Effectiveness 0 4 4. < \$150/af. No cost per af of water yield provided in Project 3. \$151 to \$300/af. information. It is possible the project pays for the 2. \$301 - \$450/af. water it receives, therefore, a higher score was 1. >450/af. Not provided on project submittal form. given 3. Equitable cost sharing Do the entities that receive the benefits pay for the costs of producing those benefits? 0 2 2. All costs for new water would be paid for by new users; no effects on current rate base.

Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture : 15 Project Reviewed:

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
21112112	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				Since all identified funding is for a demonstration
	0. Costs for new water and programs distributed to new and existing rate payers in roughly	Ī			site, and it is requested as a grant with no local cost
	equal proportions.		Not provided on project submittal form.		share, no effect on current rate base.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
•					
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue				Project information states potential for positive
	generation. No solid documentation.				economic activity.
Readiness to Proceed Category					
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		4	
	program without the need for new agreements or additional funding?				
	4. Immediate, < 1 Year.	_			
	3. Near Term, 1 to 3 Years to develop.	-			
	2. Mid-term, 3 to 6 Years to develop.	-	Could be completed within one year. Ready to		
	1. Long-term, >6 Years to develop.		construct.		Project sponsor is ready, funding is not in place.
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	1		2	
	project?				-
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.	1			
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies, but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility	1			
	studies and has not been designed.				
		1			
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				
Environmental Compliance	Done the mariest house an incommental decrimentation and elements		Documents not provided.		Project is a demonstration level site.
3. Environmental Compilance	Does the project have environmental documentation and clearance?	1		1	
	Existing studies and completed environmental documents.	_			
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.	_	If funding is received through the IRWMP process, a		
	There are no studies or completed environmental documentation.	_	CEQA document would be prepared		May not be required for this scale.
4. Permitting	Does the project have permits or a plan to obtain permits?	0		1	-
	2. The permits have been obtained or are in the process.	1			
	The permit requirements are known and there is a plan and schedule in place.	_			Likely categorical exemption under CEQA may be
	0. The permit requirements are not known and there is no plan or schedule.		Not required for proposed scale.		required for this scale.
5. Funding	Are the project funding sources well defined?	1		1	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	1			
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	_			
	0. No financial plan and commitments established; no resources defined for maintenance				Statement of a local cost match and proposed
	and operations.		Seeking Prop 84/1E funding.		budget, but no documented funding source.
Other CDWR Statewide IRWMP C					1
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?				
	1= Yes	1			
2 Investors made 1	0= No				
2. Involves multiple participants	Does the project include multiple stakeholders and participants?	0		1	
and stakeholders		_			

Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture : 15

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	1. Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	O= No				
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	O= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	0		1	
	vulnerability to the effects of climate change?				
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.  O. Project would not help the region adapt to climate change or reduce the vulnerability to	_			
	the effects of climate change.				Very minimal positive effect.
7. Greenhouse Gas Emissions	Does the project affect greenhouse gas emissions in the region?				very minimal positive effects
Contribution- Project	, , , , , , , , , , , , , , , , , , ,	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
Support to Renewable Energy	The project provides clear and tangible support to the expansion of renewable energy in				
	the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

# **Project Score**

Project ID	18					
Project Title	Ave 72, Martinez Canyon Groundwater Storage Projec	ct				
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total	
IRWMP Goals				47	26.1%	
1. Water Si	upply Goal	40	78.4%	1%		
2. Water Q	uality Goal	5	20.8%			
3. Environr	mental Protection and Enhancement Goal	0	0.0%			
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%			
Strategic Consi	derations for IRWM Plan Implementation			13.5	7.5%	
Readiness to P	roceed Category			11	6.1%	
Other CDWR S	tatewide IRWMP Criteria			15.5	8.6%	
		Total Pro	oject Score	87	48.3%	

## Imperial IRWMP Project Review Score Sheet

Ave 72, Martinez Canyon Groundwater Storage Project
18 **Project Reviewed:** 

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	2		2	
water.		2			
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.				
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	4		3	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	4		3	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				Although the Project Information states a capacity
	3. 10,001 to 25,000 acre feet.				estimated at 40,000 af annually, it does not statean annual average Yield, therefore, level 3 for project
	2. 5001 to 10,000 acre feet.		Project has identified 40,000 afy as a possible		yield was selected based on observation that every
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		storage amount.		year may not utilize the full 40,000 af capacity.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	2		2	
maintain Colorado River yields.	development of groundwater storage of underruns?	-			
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	•			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado River Supply.				
Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		1	
	federal requirements?	_			
	Implements water conservation measures that surpass requirements and strongly				1
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				Groundwater banking conserves water by allowing
	demonstrate or support documentation of reasonable and beneficial use.				storage of surface supplies at time when surface
	Does not implement water conservation measures, or measures do not meet				supplies cannot be delivered to a coincent demand.
	requirements; does not demonstrate or support documentation of reasonable and				The Project is being ranked similar to other water
5. Support for in-lieu uses or	beneficial use.  Would the project provide a source of supply that could be used as a substitute for a				saving projects.
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a	1			
	substitute for Colorado River supply and subsequent reapportionment.				
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	2		2	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1			
	0. Less than three RMS.	1			
	1 2 2				

Ave 72, Martinez Canyon Groundwater Storage Project

18

Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	ls the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		2	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.				Although not mentioned by project name,
O Committee Bishts	,				groundwater banking in CWD for IID is mentioned.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of aroundwater?	1		2	
	Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	Would not sustain or protect groundwater use of overlying users (pumpers); or could		If the study finds groundwater storage feasible then		
	have potentially significant impact by causing overdraft.		there is a possibility groundwater rights will be optimized/protected.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and	L	optimized protected.		
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	U		U	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.				
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;	_		_	
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?  2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of  scalar or provide recycled water to extend the Colorede River guesty.				
	scale; or provide recycled water to extend the Colorado River supply.  O. Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
	economies of scale, of provide recycled water to extend the colorado river supply.				
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?	Ů		Ů	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
	10. Does not assist DACs to meet drinking water standards of create economies of stale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.				
	Project could have impacts on water quality of drains or rivers.				
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	Ü			
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
		]			

Ave 72, Martinez Canyon Groundwater Storage Project

18

Project Number: Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	-			
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		2	
	2. Project would improve groundwater quality so that it can be used or would protect				
	existing water quality.	_			
	Project would not improve groundwater quality and would not protect existing water quality.		The project is currently unknown to be feasible. The		
	0. Project would not improve groundwater quality or could have potentially significant		project says nothing of improving groundwater		
	impacts to existing water quality.		quality and only discusses a groundwater facility.		
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.	1	_		_
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.	_			
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.	_			
	Project does not increase or improve habitat.				
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?	·			
	Integrates multiple design elements to provide multiple benefits.	_			
	Does not integrate multiple design elements or provide multiple benefits.				
Flood Protection and Stormwater Management Goal	Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or	_			
	property.				
Strategic Considerations for IRWN		•			
1. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		2	
_	High degree of stakeholder support and low potential for conflicts within Imperial Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.				Based on the high ranking of the Goal and Objective,
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	4		0	this suggests high degree of Stakeholder support
	4. <\$150/af.	-	-	U	-
	4. \$ \$150/ai. 3. \$151 to \$300/af.	-			
		4			
	2. \$301 - \$450/af.	_			Uncertain based on lack of defined cost information
	1. >450/af.		Not well defined at this time.		provided in the Project Information sheet
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
	All costs for new water would be paid for by new users; no effects on current rate base.				

Ave 72, Martinez Canyon Groundwater Storage Project
18 Project Reviewed:

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	Costs for new water and programs distributed to new and existing rate payers in roughly				Uncertain based on lack of defined cost information
	equal proportions.		Not provided on the project submittal form.		provided in the Project Information sheet
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net		. , ,		
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		2	
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.		If the feasibility study shows a groundwater recharge		Documentation includes a tech memo regarding
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue		facility is viable there is potential for measurable		potential economic activity resulting from this
	generation. No solid documentation.		economic benefits to the region.		project.
Readiness to Proceed Category					
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		3	
	program without the need for new agreements or additional funding?	· ·			
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
2. Tankaisal Faratkiika af Basisak	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the project?	1		1	
	The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	The project is conceptually defined, but has potential to help meet goals and objectives.				
	to. The project is conceptually defined, but has potential to help meet goals and objectives.				
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		Not applicable with this project.		
4. Permitting	Does the project have permits or a plan to obtain permits?	0		0	
	The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.		Not applicable with this project.		
5. Funding	Are the project funding sources well defined?	0	. ,	0	
-	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	]			
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	]			
	0. No financial plan and commitments established; no resources defined for maintenance				
	and operations.	<u> </u>	Project seeks Prop 84/1E funding.		
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?				
	1= Yes	1			
	0= No				Project is focused on Water supply
2. Involves multiple participants	Does the project include multiple stakeholders and participants?	0		1	
and stakeholders					

Ave 72, Martinez Canyon Groundwater Storage Project

18

Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.	1			
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited	1		1	
	stakeholder group? 1= Yes				Stored water would potentially befit all water use
	0= No	1			in Region.
4. State Program Preferences	Does the project support meet the state preferences?	1		1	iii kegioti.
	1= Yes	_		_	†
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	O= No	1			
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	1		1	
	vulnerability to the effects of climate change?			_	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.	4			
	<ol> <li>Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.</li> </ol>				
7. Greenhouse Gas Emissions	Does the project affect greenhouse gas emissions in the region?	1		1	
Contribution- Project		1		1	
	<ol> <li>The project does not significantly contribute to the GHG emissions relative to other projects.</li> </ol>				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	0		1	
Support to Renewable Energy					
	<ol> <li>The project provides clear and tangible support to the expansion of renewable energy in the Region or state.</li> </ol>				
	0. The project does not support the expansion of renewable energy in the Region or state.				Stored water will be available as a firm water suppl
		l			to support alternative energy development.

## **Project Score**

Project ID	19					
Project Title	Ave. 62, Thomas Levy Recharge Site.					
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total	
IRWMP Goals				47	26.1%	
1. Water Su	upply Goal	40	78.4%	1%		
2. Water Q	uality Goal	5	20.8%			
3. Environr	nental Protection and Enhancement Goal	0	0.0%			
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%			
Strategic Consi	derations for IRWM Plan Implementation	•		18	10.0%	
Readiness to P	roceed Category			14	7.8%	
Other CDWR St	tatewide IRWMP Criteria			15.5	8.6%	
		Total Pro	oject Score	94.5	52.5%	

## Imperial IRWMP Project Review Score Sheet

Ave. 62, Thomas Levy Recharge Site.
19 **Project Reviewed:** 

Project Number:

Project Number:	19	_			
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and sustainable supply to meet current and future demands				
Effect to agricultural users of water.	Does the project have an effect to water supplies historically available to agriculture?	2		2	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.				
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
, , , , , , , , , , , , , , , , , , , ,	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or industrial demands by 2025? This supply cannot withdraw from current agricultural supplies.	4		3	
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				Although the Project Information states a capacity
	3. 10,001 to 25,000 acre feet.				estimated at 20,000 to 30,000 af annually, it does
	2. 5001 to 10,000 acre feet.		Project has identified 20,000 - 30,000 afy as a		not state an annual average Yield; level 3 for project yield was selected, however, every year may not
	0 to 5000 acre feet; yield or limited ability to firmly define.	1	possible storage amount.		utilize the full capacity.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		possible storage amount.		difference and capacity.
maintain Colorado River yields.	development of groundwater storage of underruns?	2		2	
	The project would provide for storage or use of Colorado River supply.				
	The project could be integrated with other projects or strategies, or altered to provide for	-			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.				
Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and federal requirements?	1		1	
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				Groundwater banking conserves water by allowing
	demonstrate or support documentation of reasonable and beneficial use.				storage of surface supplies at time when surface
	Does not implement water conservation measures, or measures do not meet				supplies cannot be delivered to a coincent demand.
	requirements; does not demonstrate or support documentation of reasonable and				The Project is being ranked similar to other water saving projects.
5. Support for in-lieu uses or	beneficial use.  Would the project provide a source of supply that could be used as a substitute for a				saving projects.
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a	1			
	substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	2		2	
Management Strategies.	2. Integrator five or more PMC				
	2. Integrates five or more RMS.	4			
	1. Integrates 3-5 RMS.	4			
	0. Less than three RMS.				

Ave. 62, Thomas Levy Recharge Site.
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Project Number: Project Reviewer:

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	ls the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				Although not mentioned by project name, groundwater banking in CWD for IID is mentioned in
	Limited or no consistency with existing plan.				several planning documents.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	1		2	
	groundwater?  2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
			If the study finds groundwater storage feasible then		
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could		there is a possibility groundwater rights will be		
	have potentially significant impact by causing overdraft.		optimized/protected.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.	1	I		I
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	0		0	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.				
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	0. Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?	Ŭ		U	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.	4			
	Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.	-			
	to meet utiliking water standards or create economies of scale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.  O. Project could have impacts on water quality of drains or rivers.	1			
5. Complement Tatal Man.	, , ,				
5. Comply with Total Maximum Daily Loads (TMDLs)	Would the project help the region comply with Regional Water Quality Control Board Requirements or implement to stormwater BMPs?	0		0	
· · · · · · · · · · · · · · · · · · ·	Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
1					
		-		•	

Ave. 62, Thomas Levy Recharge Site.
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Project Number: Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	_			
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		2	
	2. Project would improve groundwater quality so that it can be used or would protect				
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water quality.		The project is currently unknown to be feasible. The		
	0. Project would not improve groundwater quality or could have potentially significant		project says nothing of improving groundwater		
	impacts to existing water quality.		quality and only discusses a groundwater facility.		
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.	-			
	Project does not increase or improve habitat.				
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?				-
	Integrates multiple design elements to provide multiple benefits.				
	0. Does not integrate multiple design elements or provide multiple benefits.				
Flood Protection and Stormwater Management Goal	Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWN	A Plan Implementation				
1. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		2	
	High degree of stakeholder support and low potential for conflicts within Imperial Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				Based on the high ranking of the Goal and Objective
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.				this suggests high degree of Stakeholder support
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	4		3	25 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	4. <\$150/af.				Uncertain of cost per af based on the cost
	3. \$151 to \$300/af.	1			information provided in the Project Information
	2. \$301 - \$450/af.	1			sheet. However, if project is between \$20M - \$25M
	1. >450/af.	4	Not well defined at this time.		and yields average annual of 5,000 to 10,000 af, then
2. Fauitable cost charing	·		Not well defined at this time.		it is in the item 3 range.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
	All costs for new water would be paid for by new users; no effects on current rate base.				

Ave. 62, Thomas Levy Recharge Site.
19

Project Number: Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				Uncertain based on lack of defined cost information
	equal proportions.		Not provided on the project submittal form.		provided in the Project Information sheet
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		2	
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.		If the feasibility study shows a groundwater recharge		Documentation includes a tech memo regarding
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue		facility is viable there is potential for measurable		potential economic activity resulting from this
Deadle and Deadle de Colonia	generation. No solid documentation.		economic benefits to the region.		project.
Readiness to Proceed Category  1. Timeliness	Door the way look house the ability for Challabeldons to not available to invalous and a way look or				
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or program without the need for new agreements or additional funding?	4		3	
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
	Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the				
	project?	1		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				Project has been studied and modeled, but, no
					engineering designs completed.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		1	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		Not applicable with this project.		
4. Permitting	Does the project have permits or a plan to obtain permits?	0		0	
	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.		Not applicable with this project.		
5. Funding	Are the project funding sources well defined?	0		0	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	1			
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	1			
	0. No financial plan and commitments established; no resources defined for maintenance				
Other Church Chate Add In 1917	and operations.		Project seeks Prop 84/1E funding.		
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?  1= Yes				
	0= No	†			Project is focused on Water supply
Involves multiple participants	Does the project include multiple stakeholders and participants?				Troject is rocused on water supply
and stakeholders	2000 the project menade maniple stanenolaels and participants:	0		1	
and stancholders					

Ave. 62, Thomas Levy Recharge Site.
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Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	1. Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				Stored water would potentially befit all water use
	0= No				in Region.
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				1
	0= No				
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				1
	0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	1		1	
	vulnerability to the effects of climate change?			1	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.				
	0. Project would not help the region adapt to climate change or reduce the vulnerability to				
	the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	0		1	
Support to Renewable Energy					-
	<ol> <li>The project provides clear and tangible support to the expansion of renewable energy in the Region or state.</li> </ol>				
	0. The project does not support the expansion of renewable energy in the Region or state.				Stored water will be available as a firm water supply to support alternative energy development.

## **Project Score**

Project ID	20				
Project Title	East Mesa Groundwater Storage Project				
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				48.5	26.9%
1. Water S	upply Goal	41.5	81.4%		
2. Water O	uality Goal	5	20.8%		
3. Environr	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Consi	iderations for IRWM Plan Implementation			18	10.0%
Readiness to P	roceed Category			13	7.2%
Other CDWR S	tatewide IRWMP Criteria			15.5	8.6%
		Total Pro	oject Score	95	52.8%

## Imperial IRWMP Project Review Score Sheet

East Mesa Groundwater Storage Project 20 Melissa Cansdale/Sam Schaeffer Combo **Project Reviewed:** 

Project Number:

	valuation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
5	sustainable supply to meet current and future demands				
Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	2		2	
water.		2			
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.				
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
'	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	4		4	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	4		4	
	supplies.				
<u> </u>	5. >50,000 acre feet.				If East Mesa proves to be a suitable site for an IID
	4. 25,001 to 50,000 acre feet.				groundwater storage project, it may provide a Project yield that is expected to be in the 40,0000 to
[5]	3. 10,001 to 25,000 acre feet.				60,000 acre-feet per year range. At this time it is
[3	2. 5001 to 10,000 acre feet.	<u> </u>	Project has identified 40,000 afy as a possible		uncertain, thus, I've scored it a level lower than the
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		storage amount.		highest.
	Would the project optimize and sustain use of Colorado River entitlements through	2		2	
,	development of groundwater storage of underruns?				
L	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for				
	storage or use of Colorado River supply.  O. The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.				
	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		1	
l l	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				Groundwater banking conserves water by allowing
	Implements water conservation measures that meet requirements and partially				storage of surface supplies at a time when surface
I E	demonstrate or support documentation of reasonable and beneficial use.				supplies cannot be delivered to a coincent demand.
	Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and				The Project is being ranked similar to other water saving projects since it is a planning project not fully
	beneficial use.				realized.
	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	1		1	
	Region?				
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a				
	substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource Management Strategies.	Will the project apply or integrate Resource Management Strategies?	2		2	
	2. Integrates five or more RMS.				
[	1. Integrates 3-5 RMS.				
	O. Less than three RMS.	1			

East Mesa Groundwater Storage Project

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				1
	Moderate degree of consistency. Project concepts identified in GP or other plan.				Although not mentioned by project name, groundwater banking is mentioned in several
	Limited or no consistency with existing plan.				planning documents .
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of groundwater?	1		2	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				1
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.		If the study finds aroundwater storage feesible then		
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could		If the study finds groundwater storage feasible then there is a possibility groundwater rights will be		
	have potentially significant impact by causing overdraft.		optimized/protected.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				·
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?			· ·	_
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	Project would not make beneficial use of poor quality water source water or provide economic benefits.				
Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
2. Support DACS Wastewater.	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?	ŭ		ŭ	
	Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				Although this project has the potential to provide a
	scale; or provide recycled water to extend the Colorado River supply.				stored water supply and extend the CO River supply
	0. Does not have any effect on community compliance with requirements; does not create	1			it does not assist in meeting wastewater disposal ar
	economies of scale; or provide recycled water to extend the Colorado River supply.				permit requirements, therefore, the score remained
					zero.
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?				-
	2. Assists DACs to meet standards, address public health threats, and create economies of scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	1. Assists DAGS to meet standards, does not create economics of scale.				This project would assist with water supply for
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				alternative energy projects, which may benefit DAC
	6				economy.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	
	Project could benefit water quality of drains or rivers.				
	Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.				
	Project could have impacts on water quality of drains or rivers.	1			
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	_		_	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	0		0	
	Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				

Project Number:

Project Reviewer:

East Mesa Groundwater Storage Project 20 Melissa Cansdale/Sam Schaeffer Combo

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.				
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		2	
	2. Project would improve groundwater quality so that it can be used or would protect				
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.	_	The project is currently unknown to be feasible. The		
	Project would not improve groundwater quality or could have potentially significant		project says nothing of improving groundwater		
Fundamental Bustostian and	impacts to existing water quality.		quality and only discusses a groundwater facility.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?				
	would the project increase of improve hubitat of support intigation of other impacts:	0		0	
	Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other	1			
	project impacts.				
	Project does not increase or improve habitat.	1			
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational				
	elements into the design to achieve multiple benefits?	0		0	
	Integrates multiple design elements to provide multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.	1			
Flood Protection and Stormwater	r Protect life and property from flooding and develop regional and local flood protection and	l .			
Management Goal	stormwater management strategies.				
· ·					
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or property.				
Strategic Considerations for IRWI	· · · · · ·	<u> </u>			
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		2	
		U			
	<ol> <li>High degree of stakeholder support and low potential for conflicts within Imperial Region.</li> </ol>				
	Moderate degree of stakeholder support and moderate potential for conflicts within	1			
	Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1			Based on the high ranking of the Goal and Objective,
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	4		3	this suggests high degree of Stakeholder support
		4		3	information provided in the Project Information sheet. However, if project can yield 50,000 af/yr,
	4. <\$150/af.	4			then a rough estimate of \$100M expense spread
	3. \$151 to \$300/af.	4			over 20 years gets to a minimum price of \$100/af. It
	2. \$301 - \$450/af.	1			could be more or less per af. Item 3 range score was
	1. >450/af.		Not well defined at this time.		selected due to the uncertainty of the information.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
		U		U	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		]			

Project Reviewed: East Mesa Groundwater Storage Project

Project Number:

20 Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Citteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of		None in the second seco		
	the costs borne by new users.				
	Costs for new water and programs distributed to new and existing rate payers in roughly				Uncertain based on lack of defined cost information
	equal proportions.		Not provided on the project submittal form.		provided in the Project Information sheet
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		2	
	<b>3</b> ,				
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.		If the feasibility study shows a groundwater recharge		Documentation includes a tech memo regarding
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue		facility is viable there is potential for measurable		potential economic activity resulting from this
	generation. No solid documentation.		economic benefits to the region.		project.
Readiness to Proceed Category					
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		3	
	program without the need for new agreements or additional funding?	· ·			
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.	_			
	2. Mid-term, 3 to 6 Years to develop.	_			
	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the project?	1		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				1
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				Reconnaissance level evaluation of the East Mesa
	The project is conceptually defined, but has potential to help meet goals and objectives.				area and preliminary cost for a number of project concepts were completed as part of the Draft IID
	b. The project is conceptually defined, but has potential to help meet goals and objectives.				Plan.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		Not applicable with this project.		
4. Permitting	Does the project have permits or a plan to obtain permits?	0		0	-
	2. The permits have been obtained or are in the process.	_			
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.		Not applicable with this project.		
5. Funding	Are the project funding sources well defined?	0		0	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.				
	0. No financial plan and commitments established; no resources defined for maintenance				
	and operations.		Project seeks Prop 84/1E funding.		
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?				-
	1= Yes	-			Danie at in forward on Materia words.
2. Impolence modificate monthistic contr	0= No				Project is focused on Water supply
2. Involves multiple participants and stakeholders	Does the project include multiple stakeholders and participants?	0		1	
and stakenolders					

East Mesa Groundwater Storage Project

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	1. Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				Stored water would potentially befit all water users
	0= No				in Region.
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	1		1	
	vulnerability to the effects of climate change?			1	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.				
	0. Project would not help the region adapt to climate change or reduce the vulnerability to				
	the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	0. The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	0		1	
Support to Renewable Energy					
	<ol> <li>The project provides clear and tangible support to the expansion of renewable energy in the Region or state.</li> </ol>				
	0. The project does not support the expansion of renewable energy in the Region or state.				Stored water will be available as a firm water supply to support alternative energy development.

# **Project Score**

Project ID	21				
Project Title	Painted Canyon Groundwater Storage Project				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				46.5	25.8%
1. Water S	upply Goal	39.5	77.5%		
2. Water O	Quality Goal	5	20.8%		
3. Environr	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			9	5.0%
Readiness to P	roceed Category			15	8.3%
Other CDWR S	tatewide IRWMP Criteria			16.5	9.2%
		Total Pro	oject Score	87	48.3%

## Imperial IRWMP Project Review Score Sheet

Painted Canyon Groundwater Storage Project
21
Melissa Cansdale/Sam Schaeffer Combo **Project Reviewed:** 

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	<b>Evaluation and Ranking Criteria</b>				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
, , , , , , , , , , , , , , , , , , , ,	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		2		2	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.	1			
	Defined and identifiable negative impacts to agricultural water supplies.				
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
, , , , , , , , , , , , , , , , , , , ,	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	-			
	industrial demands by 2025? This supply cannot withdraw from current agricultural	5		4	
	supplies.				
	5. >50,000 acre feet.				Although the Project Information states a capacity
	4. 25,001 to 50,000 acre feet.				estimated at 80,000 to 100,000 af annually, it does
	3. 10,001 to 25,000 acre feet.				not state an annual average Yield, therefore, level 4
	2. 5001 to 10,000 acre feet.				for project yield was selected based on observation that every year may not utilize the full 80,000 to
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.				100,000 af capacity.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through				
maintain Colorado River yields.	development of groundwater storage of underruns?	2		2	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	1			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.				
Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and federal requirements?	1		1	
	Implements water conservation measures that surpass requirements and strongly				1
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially	1			Groundwater banking conserves water by allowing
	demonstrate or support documentation of reasonable and beneficial use.				storage of surface supplies at time when surface
	Does not implement water conservation measures, or measures do not meet				supplies cannot be delivered to a coincent demand.
	requirements; does not demonstrate or support documentation of reasonable and				The Project is being ranked similar to other water
	beneficial use.				saving projects.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a	1		1	
substitution for Colorado River Water.	current use of Colorado River supplies, and allow for reapportionment within the Imperial Region?	1		1	
water.	Projects would provide a source of supply and allow for reapportionment.				1
	The project would not create a source of supply that could be used by a current user as a	1			
	substitute for Colorado River supply and subsequent reapportionment.				
Integrate Resource	Will the project apply or integrate Resource Management Strategies?				
Management Strategies.	The project apply of integrate resource management strategies:	0		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				
	<u> </u>	1			

Painted Canyon Groundwater Storage Project
21
Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	Keviewei	Neviewei	Reviewei	Reviewei
7. Plan Consistency.	Plan, UWMP, or existing Capital Facility Plan?	1		2	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				Although not mentioned by project name,
	0. Limited or no consistency with existing plan.				groundwater banking in CWD for IID is mentioned.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	2		2	
	groundwater?				
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.				
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	Ů			_
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.		Not discussed on project submittal form.		
Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;	0		0	
	create economies of scale; and provide recycled water and reuse opportunities to extend Colorado River supplies?	U		U	
	Brings community into compliance with requirements; creates economies of scale; and				1
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
	leconomics of scale, of provide recycled water to extend the colorado finer supply.		Not discussed on project submittal form.		
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?	U		U	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.	1			
	Assists DACs to meet standards, does not create economies of scale.				
		4			
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		Not discussed on project submittal form.		
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1	ivot discussed on project submittal form.	1	
Effect off Existing Water ways	1 7 7	1		1	
	2. Project could benefit water quality of drains or rivers.	4			
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.  O. Project could have impacts an water quality of drains or rivers	1			
	Project could have impacts on water quality of drains or rivers.		Not discussed on project submittal form.		
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?				
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
		]			

Painted Canyon Groundwater Storage Project

Project Number:

Project Reviewer:

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	1			
	o. Does not help meet established TWDLs and does not implement stormwater bivirs.		Not discussed on project submittal form.		
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		2	
·	Project would improve groundwater quality so that it can be used or would protect				1
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.				
	Project would not improve groundwater quality or could have potentially significant		Not discussed on project submittal form.		
Environmental Protection and	impacts to existing water quality.  Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,		Not discussed on project submittal form.		
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?				
		0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.	]			
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				
	Project does not increase or improve habitat.				
Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				1
	Does not integrate multiple design elements or provide multiple benefits.	1			
Flord Bushadian and Chaman		<u> </u>			
	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWN			1		1
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		2	
	High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.	1			
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1			Based on the high ranking of the Goal and Objective,
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	this suggests high degree of Stakeholder support
2. Cost Effectiveness		U		U	-
	4. < \$150/af.	4			
	3. \$151 to \$300/af.	4			Uncertain based on lack of defined cost information
	2. \$301 - \$450/af.	1			provided in the Project Information sheet; Cost
	1. >450/af.		No cost is provided on the project submittal form.		estimate for feasibility study was provided.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
		_			-
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
L		J		I	

Project Reviewed: Painted Canyon Groundwater Storage Project

Project Number: 21

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

### Revision of the Color of Control of Cont	Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
. Costs would likely be shared servicemence and existing rate payers in rough to cost for more years and programs distributed to new and existing rate payers in rough your programs.  Costs for mew water and programs distributed to new and existing rate payers in rough your programs of the program distributed to new and existing rate payers in rough your programs.  Promote Economic  All the other payers of product proceed for committed by the program distributed to new and existing rate payers in rough your programs.  Promote Economic  All the other payers of producting the continuously operation of 100, Imperial Country and Client  All the other payers of producting the continuously operation and volve, creating jobs, revenue generalized process of the project for ordinating to economic activity, creating jobs, revenue generalized process of the project process of the project process of continuously operations.  A least ferminal to 20 such as a project process of the projec	Imperial IRWMP Project	Evaluation and Ranking Criteria				
. Costs would likely be shared servicemence and existing rate payers in rough to cost for more years and programs distributed to new and existing rate payers in rough your programs.  Costs for mew water and programs distributed to new and existing rate payers in rough your programs of the program distributed to new and existing rate payers in rough your programs.  Promote Economic  All the other payers of product proceed for committed by the program distributed to new and existing rate payers in rough your programs.  Promote Economic  All the other payers of producting the continuously operation of 100, Imperial Country and Client  All the other payers of producting the continuously operation and volve, creating jobs, revenue generalized process of the project for ordinating to economic activity, creating jobs, revenue generalized process of the project process of the project process of continuously operations.  A least ferminal to 20 such as a project process of the projec	Criteria	Ouestion/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Technical Fossibility of Project   Technical Fossibility of Project Fossibility Studies   Technical Fossibility Studies   Tech	Criteria		neviewe.	nenene.	noviewe.	nenene.
Costs for new water and programs distributed to new and entiting ride payers in roughly reported to the project programs distributed to the project in previous factorions. Control of the project programs of the project p						
Sequel proportions   Quest the project provide measurable economic benefits to Imperial Region in terms of not exception   Question and revenue generation   Question and revenue generation   Question   Quest			_			Uncertain based on lask of defined cost information
Promote Coloniane   Does the project provide nearwinde economic certific to Imperial Region in terms of ret				Not discussed on project submitted form		
evenlopment   conomic activity, job creation, and revenue generation to 100, Imperial County and Cities?   2	4 Promoto Economic			Not discussed on project submittal form.		provided in the Project information sheet
2. Greatest potential for contributing to economic activity, creating jobs, revenue generation. Limited decumentation.  1. Moderate potential for contributing to economic activity, creating jobs, revenue generation. Limited information and incommendation.  2. Incommendation.  2. Does the project how the calling for Stokeholders to act quickly to implement a project or program without the need for new agreements or additional funding?  3. Incommendation.  2. Incommendation.  3. Incommendation.  3. Incommendation.  4. Incommendation.  4. Incommendation.  4. Incommendation.  4. Incommendation.  4. Incommendation.  5. Incommendation.  6. Inco			2		2	
sementation. Clear discussmentations.  1. Moderate potential for contributing to economic activity, creating jobs, revenue generation. Limited documentation.  O. Limited on unpotential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.  Provides to Proceed Category  Threalises    A	Development	economic activity, job creation, and revenue generation to 11D, imperial county and cities?	2			
sementation. Clear discussmentations.  1. Moderate potential for contributing to economic activity, creating jobs, revenue generation. Limited documentation.  O. Limited on unpotential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.  Provides to Proceed Category  Threalises    A		2. Greatest potential for contributing to economic activity, creating jobs, revenue				
Indicated potential for contributing to economic activity, creating jobs, revenue generation. United documentation. United or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.    Intelligence   Description						
Reneration   Limited documentation   Quarter decomposition   Continued on potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation activity, creating jobs, revenue generation. No solid documentation militario and project or project more than of the project from the display for Stakeholders to out quickly to implement a project or project more without the need for new agreements or additional funding?			_			
O. Limited or no potential for contributing to economic activity, creating jobs, revenue searchines to Proceed Category  Timelines  One of the project how the ability for Stokeholders to oct quickly to implement a project or program without the need for new agreements or additional funding?  4. Immobilities  1. Immobilities  One of the project how the ability of Years to develop.  1. Inchical Feasibility of Project  2. Mich term, 3 to Years to develop.  2. The project has detailed documentation to evaluate the technical feasibility of the ender?  3. The project has detailed documentation, including reconnaissance, and feasibility studies and completed enginement feasigns.  3. The project has detailed documentation, including reconnaissance, and feasibility studies and completed enginement feasigns.  4. The project is not well documentated, does not have reconnaissance, and/or feasibility studies and in the project of the project how environmental documentation and clearance?  2. The project is project how environmental documentation on all dearance?  3. The project is not well documentated documentation.  4. Existing studies and completed environmental documentation and clearance?  3. The project is not well documentated documentation.  4. Existing studies and completed environmental documentation.  4. Existing studies and completed environmental documentation.  5. There are no studies or completed environmental documental documentation.  6. There are no studies or completed environmental documental documental completed environmental documental documental completed environmental documental documental completed environmental documental completed environmental documental documental completed environmental documental documental completed environmental documental documental completed environmental documental completed environmental completed environm						Desumentation includes a tech memo regarding
againess to Proceed Category  Triveliness  Oces the project how the delithily for Stockholders to oct quickly to implement a project or program without the need for new agreements or additional funding?  4. Immediate, ct. Year.  3. Near Frem, 1 to 3 Years to develop.  1. Immediate, ct. Year.  3. Near Frem, 1 to 3 Years to develop.  2. Mid-term, 2 to 6 Years to develop.  2. Mid-term, 3 to 6 Years to develop.  2. Immediate, ct. The seability of Project.  Are the project have technical documentation to evaluate the technical feasibility of the and to project is a feasibility studies, and completed engineering designs.  2. The project has detailed documentation, and feasibility studies, and complete designed.  2. The project have environmental documentation.  3. The project have environmental documentation.  4. The rear some easing sudden documentation and clearance?  4. Environmental Compliance  Does the project have environmental documentation.  5. The project have environmental documentation.  6. There are one sudden or complete environmental documentation.  7. There are no studies or complete devironmental documentation.  8. The project have environmental documentation.  9. There are no studies or completed environmental documentation.  9. The rear one or studies or completed environmental documentation.  9. The rear one or studies or completed environmental documentation.  1. The premit requirements are known and there is no plan or osthedule in place.  1. The permit requirements are not known and there is no plan or osthedule.  1. The permit requirements are not known and there is no plan or osthedule.  2. Environmental plan under development, requires rate payer and/or funding agency approval; not defined resource commitments as the middlend, or resources defined for maintenance and operations.  1. The permit requirements are not known and there is no plan or osthedule.  1. Provides multiple benifts  2. Provides multiple permitipant.  2. Provides multiple permitipant.  3. Provides multiple permitipant.  3. T			_			
Timeliness Droceed Category Timeliness Does the project how the ability for Stokeholders to act quickly to implement a project or program without the need for new agreements or additional funding?  4. Immediate, 2.1 Year.  3. Near Term, 1.0 3 Years to develop.  4. Immediate, 2.1 Year.  3. Near Term, 1.0 3 Years to develop.  4. Immediate, 2.1 Year.  3. Near Term, 1.0 3 Years to develop.  4. Immediate, 2.1 Year.  4. Immediate, 2.1 Year.  5. Project is a feasibility of the project how technical documentation to evaluate the technical feasibility of the project has ethnical documentation, including recomaissance, and feasibility studies, and completed engineering designs.  2. The project has detailed documentation, including recomaissance, and/or feasibility studies, and completed engineering designs.  2. The project has detailed documentation, including recomaissance, and/or feasibility studies, but incomplete or partial designs.  3. The project has environmental documentation and clearonce?  4. The project has environmental documentation and clearonce?  5. Estiming studies and completed environmental documentation.  6. There are some estings studies or plans to complete studies, a clear plan to complete environmental documentation.  9. The project have environmental documentation.  9. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and schedule.  1. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and schedule in place.  9. The permit requirements are nown and there is a plan and commitments are and perstance.  1. The permit requirem						
Timeliness   Does the project have the ability for Stakeholders to act quickly to Implement a project or program without the need for new agreements or additional funding?   4. Immediate, 2.1 Year.   3. Near Term, 1.0 3 Years to develop.   2. Mid-term, 31.0 6 Years to develop.   2. Mid-term, 31.0 6 Years to develop.   2. Mid-term, 31.0 6 Years to develop.   2. The project part of developmental documental of developmental documentation.   3. There are some existing studies or plans to complete developmental documentation.   3. There are some existing studies or plans to complete developmental documentation.   3. There are some existing studies or plans to complete developmental documentation.   3. There are some existing studies or plans to complete developmental documentation.   3. There are some existing studies or plans to complete developmental documentation.   3. There are some existing studies or plans to complete developmental documentation.   4. The permit trajumentar are known and there is a plan and schedule in place.   5. The permit trajumentar are known and there is a plan and schedule in place.   5. The permit trajumentar are known and there is a plan and schedule in plane.   5. The permit trajumentaria and monomitments are well defined, clear resource commitments to maintenance and operations.   5. The permit trajumentaria and th	Positinoss to Procood Catagory	Igeneration. No solid documentation.				project.
Internation		Does the project have the ability for Stakeholders to act quickly to implement a project or				
4. Immediate, x 1-var.  3. Near Term, 1 to 3 Years to develop.  2. Mid-term, 3 to 5 Years to develop.  1. Incip-term, 5 Years to develop.  2. Mid-term, 3 to 5 Years to develop.  3. The project to get to develop.  3. The project have technical documentation to evaluate the technical feasibility of the project	1. Timeliness		4		3	
Sear Term. 1 to 3 Years to develop.   Project is a feasibility study.   Project is a feasibility documentation, including recomaissance, and feasibility studies, and completed engineering designs.   The project is not well documented, does not have reconnaissance, and/or feasibility studies, but incomplete or partial designs.   The project is not well documented, does not have reconnaissance, and/or feasibility studies, but incomplete or partial designs.   The project is not well documented, does not have reconnaissance, and/or feasibility studies, but incomplete or partial designs.   The project is not well documented documentation and clearance?   On the project in event documentation and clearance?   On the project in event documentation and clearance?   On the project in event incompleted environmental documents.   There are some existing studies or plans to completed environmental documents.   There are some existing studies or plans to complete studies, a clear plan to complete environmental documents.   There are no studies or completed environmental documents.   On the project in event in the process.   The permits have been obtained or are in the process.   The permit requirements are known and there is a plan and schedule in place.   On the permit requirements are whole and there is a plan and schedule.   On the permit requirements are well defined, clear resource commitments to maintenance and operations.   On the project involved maintenance and operations.   On the permit requirements are sealed effect, clear resource commitments to maintenance and operations.   On the benefits   One to the project involved area of supply, water						
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nu stakenoiders		Does the project include multiple stakenolaers and participants?	0		1	
	and Stakeholders					

Painted Canyon Groundwater Storage Project

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	1. Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				Stored water would potentially befit all water use
	0= No				in Region.
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	1		1	
	vulnerability to the effects of climate change?			1	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.				
	0. Project would not help the region adapt to climate change or reduce the vulnerability to				
	the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	1		1	
Support to Renewable Energy					
	<ol> <li>The project provides clear and tangible support to the expansion of renewable energy in the Region or state.</li> </ol>				
	0. The project does not support the expansion of renewable energy in the Region or state.				Stored water will be available as a firm water supply to support alternative energy development.

## **Project Score**

Project ID	32				
Project Title	Water distribution storage tanks, 2 each 5MG				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				19	10.6%
1. Water S	upply Goal	8	15.7%		
2. Water O	Quality Goal	9	37.5%		
3. Environr	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Consi	iderations for IRWM Plan Implementation			4.5	2.5%
Readiness to P	roceed Category			19	10.6%
Other CDWR S	tatewide IRWMP Criteria			7.5	4.2%
		Total Pro	oject Score	50	27.8%

## Imperial IRWMP Project Review Score Sheet

Water distribution storage tanks, 2 each 5MG 32 Melissa Cansdale/Sam Schaeffer Combo **Project Reviewed:** 

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	<b>Evaluation and Ranking Criteria</b>				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		0		1	
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.	1			
	Defined and identifiable negative impacts to agricultural water supplies.	_			
Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		Not provided in the project submittal form.		
2. Improve water supply.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or				
	industrial demands by 2025? This supply cannot withdraw from current agricultural	1		0	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.	1			
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				The purpose of this project is health and safety. Also
	0 to 5000 acre feet; yield or limited ability to firmly define.	_	Would provide storage of approximately 30 acre feet.		to provide better fire flow protection. No water yield contribution is realized.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		leet.		contribution is realized.
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
·	The project would provide for storage or use of Colorado River supply.				
	The project could be integrated with other projects or strategies, or altered to provide for	-			
	storage or use of Colorado River supply.				
	The project is not, does not, and could not include aspects of storage or use of Colorado	1			
	River Supply.				
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.	4			
	Implements water conservation measures that meet requirements and partially demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet	1			
	requirements; does not demonstrate or support documentation of reasonable and		Does not implement water conservation measures,		
	beneficial use.		would only set aside enough water for emergencies.		Drinking water health and safety project.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	1. Projects would provide a source of supply and allow for reapportionment.		The project would merely store a supply that would		
	0. The project would not create a source of supply that could be used by a current user as a		already be used for its intended purpose and not		
	substitute for Colorado River supply and subsequent reapportionment.		create a new one.		
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	1		1	
Management Strategies.		-			
	2. Integrates five or more RMS.	4			
	1. Integrates 3-5 RMS.	4			
	0. Less than three RMS.				

Project Number:

Water distribution storage tanks, 2 each 5MG
32
Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	1	The project is consistent with the goals of the City of	2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.		El Centro's General Plan PF-10 pg A-12.		
	Moderate degree of consistency. Project concepts identified in GP or other plan.	1	The project is further consistent with the City's		
	Limited or no consistency with existing plan.		Water Master Plan and is identified in the City's Capital Improvement Program		This project is identified in local plans, however, due to the cost the local community is unable to fund it.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0		1	,
	groundwater?  2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				1
	prevent or address overdraft or has no impacts on such aguifers.				
	May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Unclear if groundwater is the source of water to be stored. If it were there is potential for this.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and	l	stored. If it were there is potential for this.		
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	1		0	
	benefits?	1		U	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide		Project would provide beneficial use for water that is		
	economic benefits.		already treated.		
Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?  2. Brings community into compliance with requirements; creates economies of scale; and				-
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
	economies of scale, of provide recycled water to extend the colorado hiver supply.				
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		2	
	health, or creating economies of scale?	Ů		_	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	O. Doos not essist DACs to most deighing water standards or greats accompanies of scale				Death as health and after income of deighting water
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				Resolves health and safety issue of drinking water system and provides fire protection.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1		1	, , , , , , , , , , , , , , , , , , ,
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.	]			
	Project could have impacts on water quality of drains or rivers.				
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	_		_	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	0		0	
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
1					
		-		•	

Project Number:

Water distribution storage tanks, 2 each 5MG
32
Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	1			Project is specific to meeting the needs of drinking
	10. Does not neightleet established TMDLs and does not implement stormwater bivirs.				water for DAC area.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	
·	Project would improve groundwater quality so that it can be used or would protect				1
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				
	Project would not improve groundwater quality or could have potentially significant				
Environmental Protection and	impacts to existing water quality.  Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?				
ı		0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.	]			
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				
	Project does not increase or improve habitat.				
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				-
	Does not integrate multiple design elements or provide multiple benefits.				
Flood Buckeskiew and Charmenton	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
Management Goal	Stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	O. Project could increase economic damages or result in potential impacts to life or				Project adds fire protection and not protection from
	property.				flooding.
Strategic Considerations for IRWN					
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1		1	
3	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.	1			The project may be favorably supported, however,
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				the rate paying population is limited by capacity to
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1			pay. The local population does not have the capacit
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	to pay.
Z. COST Effectiveness	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0		0	-
	4. <\$150/af.	4			
	3. \$151 to \$300/af.	4	Cannot calculate this value because it is unknown		
	2. \$301 - \$450/af.	1	how many acre feet would travel through the tanks if		This project does not produce additional water
	1. >450/af.		storage water required use.		supply, it is to provide fire protection.
Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
		_			-
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		J			

Project Number:

Water distribution storage tanks, 2 each 5MG
32
Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	O. Costs for new water and programs distributed to new and existing rate payers in roughly	i			Uncertain who will have ability to pay for project
	equal proportions.		Not provided in project submittal form.		costs.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	0		1	
•					
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue				
	generation. No solid documentation.				
Readiness to Proceed Category			T		
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	3		3	
	program without the need for new agreements or additional funding?	-			
	4. Immediate, < 1 Year.	-			
	3. Near Term, 1 to 3 Years to develop.	_			A storage tank project can be designed and built ove
	2. Mid-term, 3 to 6 Years to develop.	_			a short time-frame, however, additional funding is
2. Tankai ad Farathilia af Barian	1. Long-term, >6 Years to develop.				needed.
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the project?	1		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,	Ī			
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.	i	The City has a rate study that identifies the project. It		Preliminary Engineering Report completed, but,
			is removed from the study for lack of funding.		incomplete design.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		1	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.	_			
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	1		1	
	2. The permits have been obtained or are in the process.	1			
	1. The permit requirements are known and there is a plan and schedule in place.	_			
	0. The permit requirements are not known and there is no plan or schedule.				
5. Funding	Are the project funding sources well defined?	1		1	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	1			
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	4			
	0. No financial plan and commitments established; no resources defined for maintenance				
	and operations.	<u> </u>	Seeking Prop 84/1E funding.		
Other CDWR Statewide IRWMP C					1
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?  1= Yes				
	1= Yes 0= No	1			
Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders	Does the project include multiple stakeholders and participants:	0		0	
מווע אנמגבווטועבוא					

Water distribution storage tanks, 2 each 5MG

Project Reviewed:	Water distribution storage tanks, 2 each 5MG	_			
Project Number:	32	_			
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes				I instand to our site.
4. State Program Preferences	0= No  Does the project support meet the state preferences?	1		1	Limited to one city.
4. State Hogiani Hererences		1		1	_
	1= Yes 0= No				One, critical water supply needs of DAC within region
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				One, addresses the safe drinking water needs of a
	0= No				small DAC
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		0	
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	<ol> <li>Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.</li> </ol>				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
·	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
3. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

# **Project Score**

Project ID	34				
Project Title	Holtville Water Distribution System Project				
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				18.5	10.3%
1. Water Supply Goal 7 13.7%					
2. Water Q	uality Goal	9.5	39.6%		
3. Environr	nental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Consi	derations for IRWM Plan Implementation			8.5	4.7%
Readiness to P	roceed Category			25.5	14.2%
Other CDWR S	tatewide IRWMP Criteria			8.5	4.7%
		Total Pro	oject Score	61	33.9%

## Imperial IRWMP Project Review Score Sheet

Holtville Water Distribution System Project **Project Reviewed:** 

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	1	Presumably if the project will provide potable water	1	
water.		-	services to 96 homes (with the hope to build more)	•	
	2. No impacts and clearly defined benefits to agricultural water supplies.		will increase the need for urban water which could		
	Some impacts and no benefits to agricultural water supplies.		conceivably affect agricultural water. The water source is not clearly defined, nor if that water is		
	Defined and identifiable negative impacts to agricultural water supplies.		already appropriated for this use.		
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	1		0	
	industrial demands by 2025? This supply cannot withdraw from current agricultural			Ü	
	supplies. 5. >50,000 acre feet.				-
	4. 25,001 to 50,000 acre feet.	-			
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10.000 acre feet.	-			
	to 5000 acre feet; yield or limited ability to firmly define.	-			
Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		Does not indicate a new supply for users.		
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
, , , , , , , , , , , , , , , , , , , ,	The project would provide for storage or use of Colorado River supply.				
	The project could be integrated with other projects or strategies, or altered to provide for				
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado		Does not indicate groundwater storage or		
	River Supply.		underruns.		
Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and federal requirements?	0		0	
	Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and beneficial use.		Water conservation is not discussed as a goal of this project.		Drinking water service area consolidation project.
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a		project.		Drinking water service area consolidation project.
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	1. Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a	1	As described the project would not be a source of		
	substitute for Colorado River supply and subsequent reapportionment.		new supply or a substitute supply.		
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	0		0	
Management Strategies.	2 Intervates five as many DMC		-		
	2. Integrates five or more RMS.	4	There is opportunity to provide water for recycling		
	Integrates 3-5 RMS.     Uses than three RMS.	4	with this project if it is incorporated with a treatment		
	o. Less than three kivis.		facility.		

Project Number:

Holtville Water Distribution System Project

34

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
		Reviewer	Reviewer	Reviewer	Reviewer
Criteria	Question/Performance Measures	Reviewer	Reviewer	Keviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		1	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.	1	Identified in the City General Plan Land Use Element		
	Limited or no consistency with existing plan.		(see form)		
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of aroundwater?	0		1	
	Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not discussed on project submittal form.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	U		3	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.		Not discussed on project submittal form.		
Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;		Community is identified as being out of compliance		
	create economies of scale; and provide recycled water and reuse opportunities to extend	1	with either no access to potable water and using	0	
	Colorado River supplies?  2. Brings community into compliance with requirements; creates economies of scale; and		polluted open channels as a water source, or are		
	provides recycled water to extend the Colorado River supply.		connected to potable water services outside of		
			adopted development standards. An economic		
	Brings community into compliance with requirements; does not create economies of scale; or provide recycled water to extend the Colorado River supply.		benefit may be created IF the land is developed,		
	Does not have any effect on community compliance with requirements; does not create		however that is not guaranteed at this time. There is		
	economies of scale; or provide recycled water to extend the Colorado River supply.		opportunity for a treatment plant or recycling opportunities at end-use of this community. This		
	economies of scale, or provide recycled water to extend the colorado river supply.		option could be explored further.		
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	1	·	2	
	health, or creating economies of scale?	_			
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.  1. Assists DACs to meet standards, does not create economies of scale.				
	1. Assists DACs to meet standards, does not create economies of scale.		Brings a DAC into compliance by providing potable		
	0: Does not assist DACs to meet drinking water standards or create economies of scale.	†	water using adopted development standards. The economy of scale as yet is uncertain. Could improve		Consolidation of drinking water system and provide
	o. Does not assist DAGS to meet drinking water standards or create economies of stale.		this score with a proven economic benefit.		fire protection.
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	1	It is forseeable providing a potable water system to	1	
	2. Project could benefit water quality of drains or rivers.		houses would assist with the quality of water in drains and rivers, however that aspect is not		
	1. Project would not provide benefit or have negative impacts on water quality of drains or	]	specifically discussed in the project submittal form.		
	rivers.	1	Would this project also include "return services"? If		
	Project could have impacts on water quality of drains or rivers.		so then the water leaving these homes could be		
<ol><li>Comply with Total Maximum Daily Loads (TMDLs)</li></ol>	Would the project help the region comply with Regional Water Quality Control Board Requirements or implement to stormwater BMPs?	0		0	
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
		]			

Holtville Water Distribution System Project

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	Improves compliance with established TMDLs or implement stormwater BMPs.				
	O. De contibulo de statistico de TRADI e contibulo de contibulo de CRADI.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.		Not discussed on project submittal form.		Poject is specific to meeting the needs of drinking water for DAC area.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0	Not discussed on project submittal form.	1	water for BAC area.
•	Project would improve groundwater quality so that it can be used or would protect			_	1
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.				
	0. Project would not improve groundwater quality or could have potentially significant		Net discussed as a seriest subsected from		
Environmental Protection and	impacts to existing water quality.  Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,		Not discussed on project submittal form.		
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?				
		0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other		Not discussed on project submittal form. It is		
	project impacts.		conceivable if the quality of drain water is improved		
	Project does not increase or improve habitat.		the habitat could also be improved.		
Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				-
	Does not integrate multiple design elements or provide multiple benefits.				
Flood Buotostion and Stammuntan			Not discussed on the project submittal form.		
Management Goal	Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.				
ivianagement doar	Stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.	1			
	,,,				
	Project could increase economic damages or result in potential impacts to life or				
	property.		Not discussed on the project submittal form.		
Strategic Considerations for IRWN			T		1
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1	The purpose of the project (bringing potable water	1	
	High degree of stakeholder support and low potential for conflicts within Imperial		to people who do not have it) would appear to		
	Region.	-	garner stakeholder support due to its altruistic		
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.		nature. Unsure of conflict potential due to		
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1	uncertainty of water source. Documentation of		
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?		where the water comes from would be pertinent.	_	
E. COST Effective Hess	, , , , , , , , , , , , , , , , , , , ,	1		0	This project does not produce additional water
	4. <\$150/af.				supply, it is to replace unreliable supply with a
	3. \$151 to \$300/af.	-			reliable, good quality supply thru consolidation of
					potable drinking water system which also provides fire protection. 96 households would be connected.
	2. \$301 - \$450/af.				Rough cost estimate is over \$132/mo per household
	1. >450/af.	1			base on 20 years spread of estimated cost stated in
	, , , , , , , , , , , , , , , , , , ,		Not discussed on the project submittal form.		Project Information.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		1	
				-	

Holtville Water Distribution System Project

Project Number: Project Reviewer:

	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Cincina	2. All costs for new water would be paid for by new users; no effects on current rate base.				
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				
	equal proportions.		Not discussed on the project submittal form.		Uncertain who will have ability to pay for costs.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
·					
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue		Possible economic benefits IF the unused acres are		
	generation. No solid documentation.		developed.		
Readiness to Proceed Category					
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	1		4	
	program without the need for new agreements or additional funding?				
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.	_	If funding is provided this project would be ready to		
2. Taskaisal Fassikilitu of Dusiast	1. Long-term, >6 Years to develop.		go and take 1 - 3 years to complete.		
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	3		2	
	<ul><li>project?</li><li>3. The project has detailed documentation, including reconnaissance, and feasibility studies</li></ul>				
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,	_			
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
		_	A preliminary engineering report is complete (2010)		
	0. The project is conceptually defined, but has potential to help meet goals and objectives.		and identifies existing conditions and proposed improvements, however it is not finalized.		Preliminary Engineering Report completed
Environmental Compliance	Does the project have environmental documentation and clearance?	2	improvements, nowever it is not imalized.	2	Freiminary Engineering Report Completed
3. Environmental compliance		2		2	
	Existing studies and completed environmental documents.  There are a property discount of the property of	4			
	There are some existing studies or plans to complete studies; a clear plan to complete		City has completed Environmental Review, NEPA		
	environmental documentation.	-	Environmental Information Document, and CEQA MND, complete as of 2010.		
4. Permitting	There are no studies or completed environmental documentation.  Does the project have permits or a plan to obtain permits?	1	IVIND, COMPIECE AS OF ZULU.	2	
4. FEITHILLING	The permits have been obtained or are in the process.	1			
	The permits have been obtained or are in the process.     The permit requirements are known and there is a plan and schedule in place.	1	Pending ministerial and encroachment permits are		
	· · · · · · · · · · · · · · · · · · ·	4	scheduled to be obtained during the construction		
	The permit requirements are not known and there is no plan or schedule.		phase.		
5. Funding	Are the project funding sources well defined?	1		1	
l	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	4			
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.	-	2		
	0. No financial plan and commitments established; no resources defined for maintenance		Project seeks Prop 84/1E funds and a plan is in place		
Othor CDIAID Stotemide IDIAIS SD C	and operations.		to finalize project funding.		
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?  1= Yes		Project could provide economic benefits as well as		
	0= No	1	provide clean water to a DAC.		
	IO- 180	l	provide clean water to a DAC.		

Holtville Water Distribution System Project

Project Reviewed:	Holtville Water Distribution System Project				
Project Number:	34	_			
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Involves multiple participants and stakeholders	Does the project include multiple stakeholders and participants?	0		1	
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.		Participating agencies are EPA and BECC however		
	0. Projects involves one stakeholder.		they are not stakeholders.		
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0	Single limited stakeholder group (the DAC that is directly affected). However the possibility of	0	
	1= Yes		economic growth could provide a regional benefit in		
	0= No		terms of jobs. That is not listed as a definitive outcome of this project, though.		Limited to area serving 96 households
4. State Program Preferences	Does the project support meet the state preferences?	1	, , , , ,	1	ÿ
	1= Yes				
	0= No				One, critical water supply needs of DAC within regio
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				One, addresses the safe drinking water needs of a
C. Climata Changa Adaptian	0= No				small DAC
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		0	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	0. Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.		The project could do this if recycling or conservation measures were implemented (metering).		
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	1. The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

# **Project Score**

Project ID	35							
Project Title	Holtville Wastewater Treatment Plant Improvement Project							
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total			
IRWMP Goals				19	10.6%			
1. Water Si	1. Water Supply Goal 5.5 10.8%							
2. Water Q	uality Goal	7.5	31.3%					
3. Environr	nental Protection and Enhancement Goal	3	37.5%					
4. Flood Pr	otection and Stormwater Management Goal	3	75.0%					
Strategic Consi	derations for IRWM Plan Implementation			9.5	5.3%			
Readiness to P	24.5	13.6%						
Other CDWR S	tatewide IRWMP Criteria			10.5	5.8%			
		Total Pro	oject Score	63.5	35.3%			

## Imperial IRWMP Project Review Score Sheet

Holtville Wastewater Treatment Plant Improvement Project **Project Reviewed:** 

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	0		1	
water.		U		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.		Not discussed on the project submittal form.		
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		not discussed on the project submitted form.		
, , , , , , , , , , , , , , , , , , ,	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	0		0	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	U		U	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.		.85 mgd ~ 1,000 afy. This project will not supply a		
	2. 5001 to 10,000 acre feet.	]	new source of water, merely upgrade an existing		
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		source to meet NPDES requirements.		
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	0		0	
maintain Colorado River yields.	development of groundwater storage of underruns?	U		0	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	r			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
Conserves Colorado River	River Supply.  Would the project implement water conservation measures that demonstrate reasonable		Not discussed on the project submittal form.		
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
Supplies.	federal requirements?	o o			
	Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	1. Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet		There is opportunity for this project to implement		
	requirements; does not demonstrate or support documentation of reasonable and		water conservation measures through the upgrade		
5. Support for in-lieu uses or	beneficial use.  Would the project provide a source of supply that could be used as a substitute for a		(metering).		
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a	1	This project is merely to upgrade treatment of an		
	substitute for Colorado River supply and subsequent reapportionment.		existing supply.		
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	0	<b>.</b>	0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1	Project currently meets one RMS. This project could		
	Less than three RMS.	1	meet more if it is integrated with other projects, or expands its purpose to meet more RMS.		
	<u> </u>	ı	expands its purpose to meet more rivis.		

Holtville Wastewater Treatment Plant Improvement Project
35
Melissa Cansdale/Sam Schaeffer Combo

Project Number: Project Reviewer:

Project Reviewer: Imperial IRWMP Project I	Evaluation and Ranking Criteria				
<u> </u>	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria . Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use		Reviewer		Reviewel
•	Plan, UWMP, or existing Capital Facility Plan?	2		2	_
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.	<u> </u>	Consistent with the City General Plan, City Service		CA RWQCB has issued a Cease and Desist Order
	0. Limited or no consistency with existing plan.		Area Plan, City Capital Improvement Program (2010),		regarding the WWTP NPDES permit.
. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of groundwater?	0		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.  1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent	1			
	or address overdraft or has impact on such aquifers.				
	Would not sustain or protect groundwater use of overlying users (pumpers); or could	-			
	have potentially significant impact by causing overdraft.		Not discussed on the project submittal form.		
ater Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				1
. Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	0		0	
	benefits:	U	Unsure of the economic benefits of the treated water. Environmental benefits are a cleaner	U	
	2. Project would make beneficial use of poor quality source water not otherwise used and		waterway system, however the end-use of the water		
	provide economic benefits.		is not listed. If it is to treat the water for delivery		
	Project would treat water quality to make beneficial use of poor quality water source		downstream what are the delivery requirements (volume) of the plant remaining in operation? If		
	water not otherwise used and provide economic benefits.		there is no current economic beneficial use for this		
			water, what would be the beneficial economic use of		
	Project would not make beneficial use of poor quality water source water or provide		the water provided by the upgraded plant? How		
	economic benefits.		many homes/businesses could be served vs. how many currently are.		
Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1	This project will bring a DAC into compliance with	1	
	Colorado River supplies?  2. Brings community into compliance with requirements; creates economies of scale; and		requirements with the upgrade, however whether an		-
	provides recycled water to extend the Colorado River supply.		economy of scale will be created or an extension of		
	Brings community into compliance with requirements; does not create economies of	1	Colorado River supplies remains to be seen. No significant permanent economic benefit is listed as a		
	scale; or provide recycled water to extend the Colorado River supply.		result of this project. Presumably the water currently		
	0. Does not have any effect on community compliance with requirements; does not create		treated by this plant is already allocated. If treating		
	economies of scale; or provide recycled water to extend the Colorado River supply.		this water could provide a recycled use then Colorado River supply extension is feasible.		
. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0	colorado niver suppry exterision is reasible.	0	
	health, or creating economies of scale?  2. Assists DACs to meet standards, address public health threats, and create economies of				-
	scale.				
	Assists DACs to meet standards, does not create economies of scale.		The treatment plant will not assist this DAC in meeting drinking water standards, however it will		
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		bring the treatment plant into compliance with the existing NPDES permit.		
Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2	existing for DES permit.	2	
- ,	Project could benefit water quality of drains or rivers.	_	The treated water drains into Pear Drain, a tributary	_	
	Project would not provide benefit or have negative impacts on water quality of drains or	-	to the Alamo River (a tributary to the Salton Sea). Bringing treated water into compliance will		
	rivers.	4	conceivably benefit the water quality of the drain		
	0. Project could have impacts on water quality of drains or rivers.		and river.		

Holtville Wastewater Treatment Plant Improvement Project

Project Number:

Project Reviewer:	weiissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board		7 7 7		
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	1		0	
	Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
	1. Improves compliance with established TMDLs or implement stormwater BMPs.		Stormwater BMPs are only discussed as part of the		
	Does not help meet established TMDLs and does not implement stormwater BMPs.		construction phase, however improving the water quality will conceivably assist in compliance to		
	10. Does not help meet established TWDLS and does not implement stormwater bivil s.		established TMDLs.		
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0		2	
·	Project would improve groundwater quality so that it can be used or would protect				-
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				
	0. Project would not improve groundwater quality or could have potentially significant				
Fording words   Books at an and	impacts to existing water quality.		Not discussed on the project submittal form.		
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal  1. Environmental Enhancements	commercial, industrial, and agricultural land uses.  Would the project increase or improve habitat or support mitigation of other impacts?				
1. Livironnientai Liniancements	would the project increase of improve habitat of support finitigation of other impacts:	1		1	
	Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other		Improving the discharge quality will improve habitat,		Based on Project Informatin, it is uncertain if Project
	project impacts.		primarily for the Alamo River and the Salton Sea.		can provide any regional support for mitigation of
	Project does not increase or improve habitat.		Other project impacts are unknown.		other project impacts.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?	U		U	
	Integrates multiple design elements to provide multiple benefits.	_			
	0. Does not integrate multiple design elements or provide multiple benefits.				
Flood Protection and Stormwater	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		2	
storniwater events	Project would reduce economic damages, protect life and property.		-		-
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or	_			
	property.		Not discussed on the project submittal form.		
Strategic Considerations for IRWN		<u>I</u>	not alseased on the project submitted form		
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
-	High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within	1			
	Imperial Region.		Minimal stakeholder support as the stakeholders		
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		cannot afford it.		
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	2		0	
	4. < \$150/af.				
	3. \$151 to \$300/af.	-			
	2. \$301 - \$450/af.	1	The project costs \$6,149,000. Over the course of 20		Rough annual costsof \$181 per household for 20
	2. 3501 - 3450/af. 1. >450/af.	-	years, at a flow rate of approximately 1,000 afy the		years for the WWTP upgraded were estimated based
	1. /4JU/ai.		cost would be approximately \$308 per acre foot.		on Projec Information; it appears

Holtville Wastewater Treatment Plant Improvement Project

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Keviewei	Reviewei	Keviewei	Reviewei
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		2	
	All costs for new water would be paid for by new users; no effects on current rate base.		-		
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	Costs for new water and programs distributed to new and existing rate payers in roughly				
	equal proportions.		Not discussed on the project submittal form.		
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?		5		
	, , , , , , , , , , , , , , , , , , , ,	1	Economic benefits appear to be limited to the	1	
			construction period. "If the WWTP is not rehabilitation and upgraded in the near future,		
	2. Greatest potential for contributing to economic activity, creating jobs, revenue		planned residential, commercial and/or industrial		
	generation. Clear documentation.		projects may be restricted and not be permitted for		
			development due to capacity issues." If the plant has		
	1. Moderate potential for contributing to economic activity, creating jobs, revenue		such a limited capacity (.85 MGD), then there is		
	generation. Limited documentation.		limited opportunity for economic growth. The		
			economic growth and benefit could be discussed in		
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue		more detail and documentation could be provided to		
	generation. No solid documentation.		substantiate this claim.		
Readiness to Proceed Category			1		T
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	3		4	
	program without the need for new agreements or additional funding?  4. Immediate, < 1 Year.		-		
	3. Near Term, 1 to 3 Years to develop.	1	Alabaababaaa ia liska daa aanaa aa ia iikhia		
	2. Mid-term, 3 to 6 Years to develop.	-	Although the project is listed as commencing within 1 year, it is still in the preliminary design phase and		
	Nild-term, >6 Years to develop.  1. Long-term, >6 Years to develop.		not shovel ready.		
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the		not shover ready.		
2. recimical reasibility of respect	project?	2		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies		1		
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,	İ			
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.	i	A rate study and a preliminary engineering report		Rate study underway; design not initiate due to
			have been completed.		funding constrainsts.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	1		2	
	Existing studies and completed environmental documents.				
	There are some existing studies or plans to complete studies; a clear plan to complete	1			
	environmental documentation.		The project is exempt from CEQA. NEPA pending if		
	There are no studies or completed environmental documentation.	1	federal funds used.		
4. Permitting	Does the project have permits or a plan to obtain permits?	1		2	
	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.	1			
5. Funding	Are the project funding sources well defined?	1		1	
	Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	1. Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				

Project Reviewed: Holtville Wastewater Treatment Plant Improvement Project

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	0. No financial plan and commitments established; no resources defined for maintenance				
	and operations.		Seeking construction funding.		
Other CDWR Statewide IRWMP C	Criteria				
1. Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		0	
	recreation, or other benefits?	1		U	
	1= Yes				Limited to WWTP improvement at one DAC and help
	0= No		Water quality and environmental enhancement.		with water quality of discharge to drain.
Involves multiple participants and stakeholders	Does the project include multiple stakeholders and participants?	0		1	
	2. Projects involves four or more participants through agreements and funding.		Single stakeholder and DAC area. Possible		
	Project involves two to four participants through agreements and funding.	1	(environmental) stakeholders downstream toward		
	0. Projects involves one stakeholder.		the Salton Sea.		
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1	The project would supply a regional benefit by	0	
	1= Yes		providing better quality water to the Alamo River		
	0= No		and ultimately to the Salton Sea.		Limited to one DAC location and a drain.
State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		0	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the		Since the project is providing an upgrade to existing		Although the Project Information states an energy
	effects of climate change.		water supply, it is not forseen it affects regional		savings, it does not identify a significant change in
	0. Project would not help the region adapt to climate change or reduce the vulnerability to		climate change vulnerability unless it also includes		energy to treate the wastewater, it does mention a
	the effects of climate change.		storage, secondary treatment, etc.		reduction, but does not quantify one.
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
-	1. The project does not significantly contribute to the GHG emissions relative to other				
	projects.				
	0. The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
Support to Renewable Energy					
	1. The project provides clear and tangible support to the expansion of renewable energy in the Region or state.		While the project will use renewable energy sources,		
	0. The project does not support the expansion of renewable energy in the Region or state.		it does not expand the energy portfolio of the region or state, or assist in the expansion.		

## **Project Score**

Project ID	36				
Project Title	Holtville Wastewater Collection System Project				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				21.5	11.9%
1. Water S	upply Goal	8	15.7%		
2. Water O	Quality Goal	10	41.7%		
3. Environr	mental Protection and Enhancement Goal	1.5	18.8%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Consi	iderations for IRWM Plan Implementation			4.5	2.5%
Readiness to P	roceed Category			28.5	15.8%
Other CDWR S	tatewide IRWMP Criteria			9	5.0%
		Total Pro	oject Score	63.5	35.3%

## Imperial IRWMP Project Review Score Sheet

Project Reviewed: Holtville Wastewater Collection System Project

Project Number: 36

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		1		1	
	No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.	1	No impacts and no benefits to water supplies		
	Defined and identifiable negative impacts to agricultural water supplies.		available to agriculture are forseeable with this		
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		project.		
2. Improve water supply.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or			_	
	industrial demands by 2025? This supply cannot withdraw from current agricultural	1		0	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.		The preject is intended to ungrade conitory source		Project feeting on Westquater Callection System
	0 to 5000 acre feet; yield or limited ability to firmly define.		The project is intended to upgrade sanitary sewer outfall and not provide a water supply.		Project focuses on Wastewater Collection System and does not add to water supply
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through				
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
	The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	-			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.		Not discussed in the project submittal form.		
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
	federal requirements?		4		
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.  1. Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and				
	beneficial use.		Not discussed in the project submittal form.		
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?		-		
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a				
	substitute for Colorado River supply and subsequent reapportionment.		Not discussed in the project submittal form.		
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	0		0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1			
	0. Less than three RMS.	1			
1		•			

Holtville Wastewater Collection System Project
36
Melissa Cansdale/Sam Schaeffer Combo

Project Number:

	Evaluation and Ranking Criteria				
		Poviouer	Poviowor	Poviower	Poviouser
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.		City General Plan, City Service Area Plan, City Capital		
	Limited or no consistency with existing plan.		Improvement Program		
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0		1	
	groundwater?  2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not discussed in the project submittal form.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic benefits?	0		0	
	Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.		The project is intended to upgrade sanitary sewer		
	Project would not make beneficial use of poor quality water source water or provide		outfall and not make beneficial use of poor quality		
	economic benefits.		water.		Project focuses on Wastewater Collection System
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		1	
	Colorado River supplies?				
	Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.		The project would help a DAC meet wastewater		
	economics of scale, or provide recycled nater to extend the colorado finer supply.		disposal and permit requirements.		
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	1		0	
	health, or creating economies of scale?	-			
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	1. Assists DACs to meet standards, does not create economies of scale.				
	O. Donard Assist DACs to most distribution water deads on most of	-			
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		Uncertain the project would create or assist in the creation of an economy of scale.		
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2	, , , , , , , , , , , , , , , , , , , ,	2	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1	It is conceivable that replacing the sanitary sewer		
	rivers.	]	outfall main would improve the water quality of		
	Project could have impacts on water quality of drains or rivers.	<u> </u>	drains/rivers.		
5. Comply with Total Maximum Daily Loads (TMDLs)	Would the project help the region comply with Regional Water Quality Control Board Requirements or implement to stormwater BMPs?	1		1	
Duny Loads (TWIDES)	Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
1	2. Improves compilance with established TWDLS <u>and</u> Implement stormwater BMPS.				
l .		J	l <u>.</u>		

Holtville Wastewater Collection System Project

Project Number: Project Reviewer:

Project Reviewer:	ivielissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Cincina	Improves compliance with established TMDLs or implement stormwater BMPs.		Stormwater BMPs are only discussed as part of the		
	O. De contribulo de catalogo de TRADI e contribuir de contribuir de CRADI.		construction phase, however improving the water		Project would reduce risk of raw sewage effluent
	Does not help meet established TMDLs and does not implement stormwater BMPs.		quality will conceivably assist in compliance to established TMDLs.		being in contact with environment during collapse o old pipes causing back-ups.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0	established HVIDEs.	2	old pipes causing back-ups.
or reserve or improve	Project would improve groundwater quality so that it can be used or would protect	U	-		-
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.				
	0. Project would not improve groundwater quality or could have potentially significant				Reduces risk of effluent discharging into
	impacts to existing water quality.		Not discussed in the project submittal form.		groundwater.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal 1. Environmental Enhancements	commercial, industrial, and agricultural land uses.  Would the project increase or improve habitat or support mitigation of other impacts?				
1. Environmental Elmancements	would the project increase of improve habital of support mitigation of other impacts:	0		1	
	Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				
	Project does not increase or improve habitat.		Not discussed in the project submittal form.		Reduces risk of effluent discharging into drains.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?	·		-	4
	Integrates multiple design elements to provide multiple benefits.				
	0. Does not integrate multiple design elements or provide multiple benefits.		Not discussed in the project submittal form.		
	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				1
	Projects would not reduce economic damages or protect life and property.		Unsure of current 'economic damages' if any. It		
	11. Frojects would not reduce economic damages of protect life and property.		stands to reason that repairing the aging pipeline that carries raw sewage would have a preventative		
	Project could increase economic damages or result in potential impacts to life or		affect on environmental damages in the event raw		Based on the Project Information, risk is more with
	property.		sewage leaked.		failure of old pipe than from local flood events.
Strategic Considerations for IRWN	/ Plan Implementation				
1. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	1		1	
S	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within				
	Imperial Region.	-			
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		EPA and BEEC		
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	
	4. <\$150/af.				
	3. \$151 to \$300/af.				Based on Project Information, costs are associated with effluent collection from households; rough
	2. \$301 - \$450/af.				estimate of \$101/household/year over 20 years to
	1. >450/af.	1	Not discussed in the project submittal form.		pay for this project
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		i ,		
-		0		0	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				
		]		ļ	

Project Reviewed: Holtville Wastewater Collection System Project

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				Wastewater rate payers would be associated with
	equal proportions.		Not discussed in the project submittal form.		this project.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	0		1	
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.		Construction jobs would be temporary only.		
	Limited or no potential for contributing to economic activity, creating jobs, revenue		Uncertain of how effective the removal of the		
	generation. No solid documentation.		perceived barrier to economic growth would be.		
Readiness to Proceed Category	Describe and to the self-the for Control of the self-the to the self-the transfer and the self-the sel				
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		4	
	program without the need for new agreements or additional funding?  4. Immediate, < 1 Year.				-
	3. Near Term, 1 to 3 Years to develop.				
	Mid-term, 3 to 6 Years to develop.				
	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the				
2. Technical reasibility of Froject	project?	3		2	
	The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	The project is conceptually defined, but has potential to help meet goals and objectives.		Preliminary Engineering Report, Design Plans, and a		Funds are required to advance design and
	by the project is conceptually defined, but has potential to help meet goals and objectives.		Sewer Rate Study		construction documents.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	2		2	
	Existing studies and completed environmental documents.				
	There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		Environmental Review and Study is complete		
4. Permitting	Does the project have permits or a plan to obtain permits?	1		2	
	The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	The permit requirements are not known and there is no plan or schedule.		NPDES permit is active		
5. Funding	Are the project funding sources well defined?	1		1	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.	]			
	1. Financial plan under development; requires rate payer and/or funding agency approval;	]			
	no defined resource commitments to maintenance and operations.				
	0. No financial plan and commitments established; no resources defined for maintenance		Seeking Prop 84 and 1E funds. No local funding has		
	and operations.		been secured.		
Other CDWR Statewide IRWMP Cr					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	0		0	
	recreation, or other benefits?				
	1= Yes	-			
	0= No		Does not provide a "range" of benefits.		
	Does the project include multiple stakeholders and participants?	1		1	
and stakeholders		_		_	

Holtville Wastewater Collection System Project

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.	1			
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes		Single/limited stakeholder group. The City of		
	0= No		Holtville.		
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No	1			
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		1	
	<ol> <li>Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.</li> </ol>				
	Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				Limited help in adapting in the project does not ad energy since it will be an all gravity system.
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	2
·	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
3. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	1		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.		The project intends to implement a gravity drainage design, removing the need for pumps.		

## **Project Score**

Project ID	37				
Project Title	Holtville UV Transmittance Water Treatment System	Project			
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				19	10.6%
1. Water S	upply Goal	5	9.8%		
2. Water C	Quality Goal	12	50.0%		
3. Environi	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			3	1.7%
Readiness to P	roceed Category			24	13.3%
Other CDWR S	tatewide IRWMP Criteria			6	3.3%
		Total Pro	oject Score	52	28.9%

## Imperial IRWMP Project Review Score Sheet

Holtville UV Transmittance Water Treatment System Project 37 Melissa Cansdale/Sam Schaeffer Combo **Project Reviewed:** 

Project Number:

Project Reviewer:	weiissa Cansaale/sam schaejjer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
,	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		0		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.	1			
	Defined and identifiable negative impacts to agricultural water supplies.		Not discussed in the project submittal form.		
Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		Not discussed in the project submittal form.		
Limpiere trater supply.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	_			
	industrial demands by 2025? This supply cannot withdraw from current agricultural	1		0	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.	1			
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.	1			This are in the second of the second form BACA are second
	0 to 5000 acre feet; yield or limited ability to firmly define.	1			This project responds to the need for a DAC to meet CA Dept of Public Health drinking water compliance.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through				ar sept of rusher reader armining fracer compilation
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
·	The project would provide for storage or use of Colorado River supply.				
	The project could be integrated with other projects or strategies, or altered to provide for	1			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado	1			
	River Supply.		Not discussed in the project submittal form.		
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.	1			
	<ol> <li>Implements water conservation measures that meet requirements and partially demonstrate or support documentation of reasonable and beneficial use.</li> </ol>				
	Does not implement water conservation measures, or measures do not meet	1			
	requirements; does not demonstrate or support documentation of reasonable and				
	beneficial use.				
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	1. Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a				
	substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	0		0	
Management Strategies.		U			
	2. Integrates five or more RMS.	_			
	1. Integrates 3-5 RMS.				
	Less than three RMS.				

Holtville UV Transmittance Water Treatment System Project 37 Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	neviewei	NOTICE!	neviewe	nenene.
7. Half consistency.	Plan, UWMP, or existing Capital Facility Plan?	1		1	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				1
	, , , ,				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.		Project is listed in the General Plan.		
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0		1	
	groundwater?	_		_	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not discussed in the project submittal form.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	1		0	
	benefits?	1		U	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide		Project would treat water that has a designated use		Drinking water source would be brought into
	economic benefits.		to come into existing compliance requirements.		compliance with latest standards.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.		Uncertain if would create an economy of scale.		
	0. Does not have any effect on community compliance with requirements; does not create		Project claims would remove barrier to economic		
	economies of scale; or provide recycled water to extend the Colorado River supply.		boost, however uncertain of veracity of claim at this		This project responds to the need for a DAC to mee
			time.		CA Dept of Public Health drinking water compliance
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	1		2	
	health, or creating economies of scale?	_		_	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.		Uncertain if would create an economy of scale.		
			Project claims would remove barrier to economic		
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		boost, however uncertain of veracity of claim at this		
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2	time.	1	
E. Cot on Existing waterways	1 7 7	2		1	
	2. Project could benefit water quality of drains or rivers.	1			
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.  O. Project could have impacts on water quality of drains or rivers.	-			
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	1		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?				
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
		]			

Holtville UV Transmittance Water Treatment System Project 37 Melissa Cansdale/Sam Schaeffer Combo Project Reviewed:

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	1	Project intends to bring the City of Holtville into		
	or social formation in the control of the control o		TTHM and MCL compliance.		
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0		1	
	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.  0. Project would not improve groundwater quality or could have potentially significant	-			
	impacts to existing water quality.		Not discussed in the project submittal form.		
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,	· I			
Enhancement Goal	commercial, industrial, and agricultural land uses.				
1. Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
I		U		U	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.  0. Project does not increase or improve habitat.	-			
Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational		Not discussed in the project submittal form.		
2. Integrated Design Elements	elements into the design to achieve multiple benefits?	0		0	
	Integrates multiple design elements to provide multiple benefits.				_
	Does not integrate multiple design elements or provide multiple benefits.	1			
Flood Protection and Stormwater	Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	1		1	
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				
	property.				
Strategic Considerations for IRWN		1	T		
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within Imperial Region.				
	Limited or no stakeholder support and potential for conflicts within Imperial Region.	1			
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0			
2. Cost Effectiveness	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0		0	December 2000 in the land control of the land
	4. <\$150/af.	4			Based on Project Information, project cost not directly associated with per acre-foot yield, however
	3. \$151 to \$300/af.	4			a rough cost of \$15 to\$20 per service connection per
	2. \$301 - \$450/af.				year, for twenty years is needed to pay for the
	1. >450/af.		Not discussed on project submittal form.		upgrade.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
		v			
	2. All costs for new water would be paid for by new users; no effects on current rate base.				

Project Reviewed: Holtville UV Transmittance Water Treatment System Project

37 Project Number:

Project Number:		_			
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				
	equal proportions.		Not discussed on project submittal form.		
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	0		1	
evelopment		· ·			
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue	1			
	generation. Limited documentation.		Claims to remove a barrier to accommis growth		
	D. Limited occurrentation.     Limited or no potential for contributing to economic activity, creating jobs, revenue	1	Claims to remove a barrier to economic growth,		
			however given current economic conditions		
- "	generation. No solid documentation.	<u> </u>	economic growth in this area is questionable.		
Readiness to Proceed Category	T				
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		4	
	program without the need for new agreements or additional funding?	•		•	
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.		Already funded portions of this project are slated to		
	<ol> <li>Long-term, &gt;6 Years to develop.</li> </ol>		be completed in October of 2012.		
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the			2	
	project?	1		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,	1			
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility	-			
	studies and has not been designed.				Project is fairly simple and straitforward regarding
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				design and construction documents necessary for
					improvements.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	1		2	
	Existing studies and completed environmental documents.				
	There are some existing studies or plans to complete studies; a clear plan to complete	1			
	environmental documentation.		Project is exempt from CEQA and NEPA. Unsure if		
	There are no studies or completed environmental documentation.	-	other environmental documents are required.		
4. De meditale e		2	other environmental documents are required.	2	
4. Permitting	Does the project have permits or a plan to obtain permits?				
	2. The permits have been obtained or are in the process.	1			
	1. The permit requirements are known and there is a plan and schedule in place.	_			
	The permit requirements are not known and there is no plan or schedule.		The project does not require any permits.		
5. Funding	Are the project funding sources well defined?	1		1	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.		The funding section of the form doesn't add up.		
	Financial plan under development; requires rate payer and/or funding agency approval;	1	There is funding available but not listed on the form.		
	no defined resource commitments to maintenance and operations.		The TEC is \$540,000 and the unfunded amount is		
	No financial plan and commitments established; no resources defined for maintenance	1	\$370,000 but the amount of cost match or other		
	, ,				
Other CDMD State and a space of	and operations.	<u> </u>	sources of funding is not provided on the form.		
Other CDWR Statewide IRWMP C					1
<ol> <li>Provides multiple benefits</li> </ol>	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	0		0	
	recreation, or other benefits?			•	
	1= Yes	1	There are no alternative benefits of this project other		
	0= No		than water quality.		
2. Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders		0		1	
	1				

Holtville UV Transmittance Water Treatment System Project

Project Number: Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.		Project involves the City of Holtville.		
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes				Project is focused on obtaining compliance for one
	0= No		Only to a single/limited stakeholder group.		DAC's drinking water system.
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	O= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		0	
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

#### **Project Score**

Project ID	38				
Project Title	Holtville Stormwater Master Plan Project				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				12.5	6.9%
1. Water S	upply Goal	4.5	8.8%		
2. Water C	2. Water Quality Goal 3.5 14.6%				
3. Environi	mental Protection and Enhancement Goal	1.5	18.8%		
4. Flood Pr	otection and Stormwater Management Goal	3	75.0%		
Strategic Cons	iderations for IRWM Plan Implementation	•		3	1.7%
Readiness to P	Proceed Category			26	14.4%
Other CDWR S	tatewide IRWMP Criteria			6	3.3%
		Total Pro	oject Score	47.5	26.4%

## Imperial IRWMP Project Review Score Sheet

Holtville Stormwater Master Plan Project **Project Reviewed:** 

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.		0		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				
	Defined and identifiable negative impacts to agricultural water supplies.		Not applicable with this project		This project is planning project only; thus, it will not
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the		Not applicable with this project.		have a measureable impact to the water supply
2. Improve water suppry.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or				
	industrial demands by 2025? This supply cannot withdraw from current agricultural	0		0	
	supplies.				
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.	1			
	3. 10,001 to 25,000 acre feet.	1			
	2. 5001 to 10,000 acre feet.				
	0 to 5000 acre feet; yield or limited ability to firmly define.	1	Not applicable with this project.		Planning project only
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through		not applicable with this project.		riaming project only
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
	The project would provide for storage or use of Colorado River supply.				
	The project could be integrated with other projects or strategies, or altered to provide for	-			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado	Ī			
	River Supply.		Not applicable with this project.		
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.	4			
	<ol> <li>Implements water conservation measures that meet requirements and partially demonstrate or support documentation of reasonable and beneficial use.</li> </ol>				
	Does not implement water conservation measures, or measures do not meet	1			
	requirements; does not demonstrate or support documentation of reasonable and				
	beneficial use.		Not applicable with this project.		
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a	Ī			
	substitute for Colorado River supply and subsequent reapportionment.		Not applicable with this project.		
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	0		0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1			
	0. Less than three RMS.	1			
ļ	I .	1			

Project Number:

Holtville Stormwater Master Plan Project 38 Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	2		4	
	Plan, UWMP, or existing Capital Facility Plan?	2		1	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.		City General Plan, City Development Impact Fee		
	Limited or no consistency with existing plan.		Nexus Study,City Service Area Plan		
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0			
-	groundwater?	U		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not applicable with this project.		Since this is a planning project, difficult to determin
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and	ı			g s
•	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	0		0	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				
	0. Project would not make beneficial use of poor quality water source water or provide				
	economic benefits.				
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	0. Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
B. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	_		_	
	health, or creating economies of scale?	0		0	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	1. Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
I. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	0		1	
	2. Project could benefit water quality of drains or rivers.				
	Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.				Planning project only; future implemented projects
	Project could have impacts on water quality of drains or rivers.				could help drains or rivers.
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	1		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	1		0	
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				

Project Number:

Project Reviewer:

Holtville Stormwater Master Plan Project 38 Melissa Cansdale/Sam Schaeffer Combo

•	Evaluation and Ranking Criteria				
	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	Inproves compliance with established TMDLs or implement stormwater BMPs.	Keviewer		Keviewer	
		1			
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.				Planning project only; future implemented projects
C. Duccours on Impurous	Mandalaha musicat musamus su immusus musitin af musumdu mtan massus 2	_			could help with stormwater BMPs.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	
ı	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.  1. Project would not improve groundwater quality and would not protect existing water				
	auality.				
	Project would not improve groundwater quality or could have potentially significant				
	impacts to existing water quality.				
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	1		0	
	2. Decided in access of improved hebitat and could record with the second of the				
	Project increases or improves habitat and could support mitigation of other project impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other	-			
	project impacts.				
	Project does not increase or improve habitat.	1			
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		_	
	elements into the design to achieve multiple benefits?	U		0	
	1. Integrates multiple design elements to provide multiple benefits.				Project is planning step towards implementation of
	Does not integrate multiple design elements or provide multiple benefits.				projects that may contain entegrated elements.
Flood Protection and Stormwater	Protect life and property from flooding and develop regional and local flood protection and	•			
Management Goal	stormwater management strategies.				
1. Doduce improsto from	Manual the anniest hale to reduce account demonstrate and anniest life and anneath form		Γ		
Reduce impacts from stormwater events	Would the project help to reduce economic damages; and protect life and property from localized stormwater events and runoff from urban areas?	2		1	
Stormwater events	Project would reduce economic damages, protect life and property.				-
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or	-			Planning proejct only; future implemented projects
	property.				may reduce economic damages and protect life and property.
Strategic Considerations for IRWN					property.
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
	High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within	1			
1	Imperial Region.	]			
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.				
Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	
	4. < \$150/af.				
	3. \$151 to \$300/af.	†			
	2. \$301 - \$450/af.	†			
	1. >450/af.	+	Not applicable with this pro-		N/A; Planning project that does not identify any
Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		Not applicable with this project.		project yield.
5. Equitable Cost Stratting	bo the endices that receive the benefits pay for the costs of producing those benefits:	0		0	
	All costs for new water would be paid for by new users; no effects on current rate base.				
	2. 7 in 2000 10. New Mater would be paid for by new asers, no effects of current rate base.				
	1	_		•	

Project Number:

Holtville Stormwater Master Plan Project 38 Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly	]			
	equal proportions.		Not discussed on the project submittal form.		
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	0		1	
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				This is a sleading source of source large transfer
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue				This is a planning component of overall master plans to support economic activity.
Readiness to Proceed Category	generation. No solid documentation.				to support economic activity.
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or				
1. Timeliness	program without the need for new agreements or additional funding?	4		4	
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.	1			
	1. Long-term, >6 Years to develop.				
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	_		_	
., ., ., .,	project?	2		2	
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	1. The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.		Drainage Study Report, Rancho Mira Vista Hydrology		
	0. The project is conceptually defined, but has potential to help meet goals and objectives.		Study, Stormwater Pollution Prevention Plan for the		
			Alamo River		Project is planning study only.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	2		2	
	2. Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.		Exempt.		Exempt
4. Permitting	Does the project have permits or a plan to obtain permits?	0		2	
	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.		Not applicable with this project.		Ministerial
5. Funding	Are the project funding sources well defined?	1		1	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.				
	0. No financial plan and commitments established; no resources defined for maintenance				
	and operations.				Funding outside of rate payers is needed.
Other CDWR Statewide IRWMP C					
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	0		0	
	recreation, or other benefits?				-
	1= Yes 0= No				
Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders	Does the project include multiple stakeholders and participants?	0		0	
and stakenoiders					

Holtville Stormwater Master Plan Project

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes				
	O= No		Single stakeholder group.		
1. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	O= No				Limited to stormwater management in DAC area.
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	O= No				Limited to stormwater management in DAC area.
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	0		1	_
	<ul> <li>vulnerability to the effects of climate change?</li> <li>Project would help the region adapt to climate change and reduce the vulnerability to the</li> </ul>				
	effects of climate change.				
	Project would not help the region adapt to climate change or reduce the vulnerability to		Project could help the region adapt to climate		
	the effects of climate change.		change if it included water storage planning.		Minimal support.
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
3. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	The project does not support the expansion of renewable energy in the Region or state.	1			

# **Project Score**

Project ID	39							
Project Title	Holtville Stormwater Conveyance System and Detention Basin Project							
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total			
IRWMP Goals				23.5	13.1%			
1. Water Supply Goal 10 19.6%								
2. Water Q	uality Goal	8.5	35.4%					
3. Environr	mental Protection and Enhancement Goal	1	12.5%					
4. Flood Pr	otection and Stormwater Management Goal	4	100.0%					
Strategic Consi	iderations for IRWM Plan Implementation			4.5	2.5%			
Readiness to P	19	10.6%						
Other CDWR S	tatewide IRWMP Criteria			14	7.8%			
		Total Pro	oject Score	61	33.9%			

## Imperial IRWMP Project Review Score Sheet

Holtville Stormwater Conveyance System and Detention Basin Project 39 Melissa Cansdale/Sam Schaeffer Combo **Project Reviewed:** 

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
5.115.114		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and			1	
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.	,	0		2	
	No impacts and clearly defined benefits to agricultural water supplies.				1
	Some impacts and no benefits to agricultural water supplies.	_			Project protects DAC area from stormwater and has
		1	Not applicable or discussed in the project submittal		the potential to improve quality of drain water of
	Defined and identifiable negative impacts to agricultural water supplies.		form.		tributary to the Salton Sea.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	1		1	
	industrial demands by 2025? This supply cannot withdraw from current agricultural				
	supplies. 5. >50,000 acre feet.				1
	4. 25,001 to 50,000 acre feet.	1			
	3. 10,001 to 25,000 acre feet.	4			
	, , ,	1			Volume of stormwater is not identified as a source of
	2. 5001 to 10,000 acre feet.	4			supply to meet demands; the stormwater contribute
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.				to drain flows that flow into the Salton Sea.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	0		0	
maintain Colorado River yields.	development of groundwater storage of underruns?				4
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	•			
	storage or use of Colorado River supply.	_			
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
Conserves Colorado River	River Supply.  Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
зарушез:	federal requirements?				
	Implements water conservation measures that surpass requirements and strongly				1
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially	Ī			
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and				
	beneficial use.				
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a	0		0	
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	U		U	
Water.	Region?  1. Projects would provide a source of supply and allow for reapportionment.		Only during flooding. Unsure if there would be		The Project Information indicates no change in the
	11.1	1	opportunity to re-apportion flood water from the		points of delivery from source end use; it does
	0. The project would not create a source of supply that could be used by a current user as a		detention basin. How would retained water be		describe a change in timing and quality of
C. Internate Berryan	substitute for Colorado River supply and subsequent reapportionment.		apportioned for use, if possible?		stormwater delivered to the drain.
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	0		1	
ivianagement strategies.	Integrates five or more RMS.				Project protects DAC area from stormwater, has the
	Integrates live of more kins.     Integrates 3-5 RMS.	1			potential to improve quality of drain water of
	0. Less than three RMS.	1			tributary to the Salton Sea, and will improve timing
	o. Less than three MVIS.				of urban runoff.

Holtville Stormwater Conveyance System and Detention Basin Project

39

Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Project Reviewer:	Melissa Cansaale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	ls the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	2		1	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.				Project concepts cleary identified; specific projects not listed in GP.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of				not listed in Gr.
o. Groundwater riights.	groundwater?	1		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.		Only during flooding. Unsure if there would be other		
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could		opportunity by this project to sustain and protect		
	have potentially significant impact by causing overdraft.		groundwater otherwise. There could be opportunity to provide a source of water in the detention basin.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and		to provide a source of water in the determini busin.		
•	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	U		U	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				Project does not change the beneficial use of source
	0. Project would not make beneficial use of poor quality water source water or provide				water; it does change the timing of drain flows and
	economic benefits.				has the potential to impove drain water quality.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	0. Does not have any effect on community compliance with requirements; does not create	1	There is opportunity for bringing the community into		
	economies of scale; or provide recycled water to extend the Colorado River supply.		compliance by treating the water prior to discharge		
			into the Alamo River.		
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?	Ů		Ů	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2		2	
	Project could benefit water quality of drains or rivers.				-
	Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.				
	Project could have impacts on water quality of drains or rivers.	1			
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board				
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	2		2	
Daily Loads (TIVIDES)	Improves compliance with established TMDLs and implement stormwater BMPs.				1
	2. Improves compliance with established Tivibts and Implement stofffwater Bivibs.				
ı		j			

Holtville Stormwater Conveyance System and Detention Basin Project

Project Number:

39

Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.				Ths project is focused on improving stormwater
	b. Does not help meet established 111025 and does not implement stormwater blvn s.		There is opportunity to meet both of these options.		timing and quality of drain water.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	
	2. Project would improve groundwater quality so that it can be used <u>or</u> would protect				
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water quality.				
	0. Project would not improve groundwater quality or could have potentially significant				
	impacts to existing water quality.				
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				The improvements to habitat are identified as only
	project impacts.				potential improvements; they are not clearly
	Project does not increase or improve habitat.				identified in the Project Information.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	1		0	
	elements into the design to achieve multiple benefits?				
	Integrates multiple design elements to provide multiple benefits.	-			
	Does not integrate multiple design elements or provide multiple benefits.				
Management Goal	<ul> <li>Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.</li> </ul>				
1. Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from	2		2	
stormwater events	localized stormwater events and runoff from urban areas?	2		2	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				The purpose of this project is to protect a DAC area
	property.				from stormwater.
Strategic Considerations for IRWN		•			
1. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
	High degree of stakeholder support and low potential for conflicts within Imperial Region.				_
	Moderate degree of stakeholder support and moderate potential for conflicts within	1			
	Imperial Region.	1			
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.				
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	
	4. <\$150/af.				This project does not have a yield of water supply
	3. \$151 to \$300/af.	1			component; based on the information found in the
	2. \$301 - \$450/af.	†			Project Information, a rough estimate is that it may
	1. >450/af.	-	Not applicable		cost a rate payer over \$200 per year over a 20-year
Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		Not applicable.		period to pay for the improvements
S. Equitable cost stidility		0		0	
	All costs for new water would be paid for by new users; no effects on current rate base.				
	1	_		•	•

Project Reviewed: Holtville Stormwater Conveyance System and Detention Basin Project

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	Costs for new water and programs distributed to new and existing rate payers in roughly				Project does not add a new water yield; it does
	equal proportions.		Not discussed on the project submittal form.		require a rate payer to pay for stormwater facilities.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net		. ,		
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
·					
	2. Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	1. Moderate potential for contributing to economic activity, creating jobs, revenue		There is potential for economic benefits in the		
	generation. Limited documentation.		construction of the project as well as facilitating infill		
	O. Limited or no potential for contributing to economic activity, creating jobs, revenue		development and removing barriers to planned		Project protects a DAC area and allows for economic
	generation. No solid documentation.		growth.		development to be allowed in this area.
Readiness to Proceed Category	_	1			
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	4		4	
	program without the need for new agreements or additional funding?	·			
	4. Immediate, < 1 Year.	_			
	3. Near Term, 1 to 3 Years to develop.				
	2. Mid-term, 3 to 6 Years to develop.				
2. Tankadaal Faardallika af Bariank	1. Long-term, >6 Years to develop.				Contruction could happen in 1-3 years.
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	2		2	
	<ul><li>project?</li><li>3. The project has detailed documentation, including reconnaissance, and feasibility studies</li></ul>				-
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,				
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility				
	studies and has not been designed.				
	The project is conceptually defined, but has potential to help meet goals and objectives.				
	to. The project is conceptually defined, but has potential to help meet goals and objectives.				
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0		0	
	Existing studies and completed environmental documents.				
	There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	1		0	
	2. The permits have been obtained or are in the process.				
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.	_			
5. Funding	Are the project funding sources well defined?	1		0	
	Financial plan and commitments are well defined; clear resource commitments to	-			
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance	1	Financial plan appears to consist of Prop 84 or 1E		
	and operations.		funds.		
Other CDWR Statewide IRWMP C	riteria				
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	1		1	
·	recreation, or other benefits?	1		1	
	1= Yes				Water quality improvement to drain and flood
	0= No				protection of DAC
2. Involves multiple participants	Does the project include multiple stakeholders and participants?	0		0	
and stakeholders		0		0	
	I and the second				

Holtville Stormwater Conveyance System and Detention Basin Project

Project Number:

Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		0	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	O= No				Project involves flood protection of DAC area.
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	O= No				Project involve flood protection of DAC area.
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the	1		1	
	vulnerability to the effects of climate change?				_
	1. Project would help the region adapt to climate change and reduce the vulnerability to the				
	effects of climate change.	-			
	Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.		There is potential for climate change		Ability to control timing of stormwater flows woul- be improved
7. Greenhouse Gas Emissions	Does the project affect greenhouse gas emissions in the region?		There is potential for annuate analige		Sc improved
Contribution- Project	2000 the project affect greenhouse gas climasions in the region.	1		1	
·	The project does not significantly contribute to the GHG emissions relative to other				
	projects.				
	0. The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions -	Does the project support expansion of renewable energy portfolio for the Region or State?	_			
Support to Renewable Energy	3,7,7,7	0		0	
	1. The project provides clear and tangible support to the expansion of renewable energy in				
	the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				
l .					

## **Project Score**

Project ID	40				
Project Title	Holtville Sewer Master Plan/Map Update Project				
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total
IRWMP Goals				13.5	7.5%
1. Water S	upply Goal	4.5	8.8%		
2. Water C	Quality Goal	7	29.2%		
3. Environi	mental Protection and Enhancement Goal	0	0.0%		
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%		
Strategic Cons	iderations for IRWM Plan Implementation			3	1.7%
Readiness to P	roceed Category			20	11.1%
Other CDWR S	tatewide IRWMP Criteria			7	3.9%
		Total Pro	oject Score	43.5	24.2%

#### Imperial IRWMP Project Review Score Sheet

Holtville Sewer Master Plan/Map Update Project **Project Reviewed:** 

Project Number:

40
Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
Effect to agricultural users of water.	Does the project have an effect to water supplies historically available to agriculture?	0		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.				Project is a Sewer Master Plan/Map update; since
	Defined and identifiable negative impacts to agricultural water supplies.		Not discussed on project submittal form.		this is a planning project, it does not implement or change any water uses
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or industrial demands by 2025? This supply cannot withdraw from current agricultural supplies.	0	not discussed on project standard room.	0	anage any water does
	5. >50,000 acre feet.				
	4. 25,001 to 50,000 acre feet.		Project does not provide a firm supply. There is opportunity for the project to identify areas where conservation measures can be taken by identifying		
	3. 10,001 to 25,000 acre feet.				Desiration Course Mantage Disc / Management and a series
	2. 5001 to 10,000 acre feet.				Project is a Sewer Master Plan/Map update; since this is a planning project, it does not implement or
	0 to 5000 acre feet; yield or limited ability to firmly define.		infrastructure conditions.		change any water uses
<ol><li>Protect Surface Water Rights, maintain Colorado River yields.</li></ol>	Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?	0		0	
	2. The project would provide for storage or use of Colorado River supply.				
	The project could be integrated with other projects or strategies, or altered to provide for storage or use of Colorado River supply.				
	The project is not, does not, and could not include aspects of storage or use of Colorado River Supply.		Not discussed on project submittal form.		
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and federal requirements?	0		0	
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.  0. Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and		The project does not provide conservation measures, however there is opportunity to identify areas of		
	beneficial use.		infrastructure where conservation could apply.		
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	Projects would provide a source of supply and allow for reapportionment.	_			
	O. The project would not create a source of supply that could be used by a current user as a substitute for Colorado River supply and subsequent reapportionment.				
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?				
Management Strategies.	, , , , , , , , , , , , , , , , , , , ,	0		0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.		This project includes opportunities for pollution		
	Less than three RMS.		prevention and conveyance improvement.		

Holtville Sewer Master Plan/Map Update Project 40 Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use	neviewei	NOTICE!	neviewe.	nenene.
7. Hall consistency.	Plan, UWMP, or existing Capital Facility Plan?	2		1	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.				
	O. Limited or no consistency with existing plan.		General Plan		
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of	0		1	
	groundwater?			•	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.				
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.		Not discussed on project submittal form.		
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
<ol> <li>Match Water Quality to use.</li> </ol>	Would the project make beneficial use of poor quality water and provide economic	0		0	
	benefits?	U		U	
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	1. Project would treat water quality to make beneficial use of poor quality water source				Project is a planning project, focused on sewer
	water not otherwise used and provide economic benefits.				master plan/map update. Future identified and
	0. Project would not make beneficial use of poor quality water source water or provide				implemented projects may make use of poor quality
	economic benefits.		Not applicable with this project.		water or have a benefical use.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	1		1	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				This project helps with a planning step towards
	scale; or provide recycled water to extend the Colorado River supply.				compliance requirements, however, it is not an
	0. Does not have any effect on community compliance with requirements; does not create	1	This project could identify where the existing		implementation or construction of facilities that
	economies of scale; or provide recycled water to extend the Colorado River supply.		infrastructure is out of compliance and could create		would produce recycled water or reuse opportuniti
			an economy of scale if infrastructure is updated.		to extend CO River supply.
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	1		0	
	health, or creating economies of scale?	1		U	
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	1. Assists DACs to meet standards, does not create economies of scale.		There may be opportunity to assist in creation of an		
			economic boost if existing infrastructure conditions		
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		are poor and require fixing, however the project		
4 Effect on Evictica Wetaning	Could the project affect the water quality of during an always?	_	itself does not provide that.		
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2		1	
	Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or				
	rivers.		Project could benefit water quality by identifying		It is a planning step towards potential benefit of
	Project could have impacts on water quality of drains or rivers.		areas of aging or sub-par infrastructure.		water quality of drains or rivers.
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	0		0	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	Ü		,	
	2. Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				

Holtville Sewer Master Plan/Map Update Project 40 Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Cincina	Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	O. Doos not help most established TMADIs and does not implement starranged PMADIS	-			
	Does not help meet established TMDLs and does not implement stormwater BMPs.		Not applicable with this project.		
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	0	Not applicable with this project.	1	
·	Project would improve groundwater quality so that it can be used or would protect				-
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				
	Project would not improve groundwater quality or could have potentially significant				
Environmental Protection and	impacts to existing water quality.  Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,		Not applicable with this project.		
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?				
	, , , , , , , , , , , , , , , , , , , ,	0		0	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.	_			
	Project does not increase or improve habitat.		Not applicable with this project.		
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				
	The grates multiple design elements to provide multiple benefits.     Does not integrate multiple design elements or provide multiple benefits.	-			
			Not applicable with this project.		
	r Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.	-			
	1. Projects would not reduce economic damages of protect life and property.				
	Project could increase economic damages or result in potential impacts to life or	1			
	property.				
Strategic Considerations for IRWN					
1. Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	Moderate degree of stakeholder support and moderate potential for conflicts within				
	Imperial Region.  O. Limited or no stakeholder support and potential for conflicts within Imperial Region.	-			
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	
	4. <\$150/af.				
	3. \$151 to \$300/af.				Since this is a planning project only for a sewer
	2. \$301 - \$450/af.				master plan/map udate, it is roughly estimated to
	1. >450/af.		Not applicable with this project.		cost each household \$43.57.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	0		0	
		U		U	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				

Project Reviewed: Holtville Sewer Master Plan/Map Update Project

Project Reviewed: Holtville Sewer Master Plan/Map Update Project		
Project Number: 40		
Project Reviewer: Melissa Cansdale/Sam Schaeffer Combo		
Imperial IRWMP Project Evaluation and Ranking Criteria		
		201
Criteria Question/Performance Measures Reviewer	Reviewer Reviewer	Reviewer
1. Cost would likely be shared between new and existing rate payers; with at least 75% of		
the costs borne by new users.		No new water supply created, this is a planning
Costs for new water and programs distributed to new and existing rate payers in roughly		effort to help maintain complince with sewer
	project submittal form.	requirements.
4. Promote Economic Does the project provide measurable economic benefits to Imperial Region in terms of net	1	
Development economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1	
Greatest potential for contributing to economic activity, creating jobs, revenue		
generation. Clear documentation.		
Moderate potential for contributing to economic activity, creating jobs, revenue		
	does not, however it could identify	
	infrastructure conditions that	
	ontribution to economic activity.	Project helps plan for future sewer improvements.
Readiness to Proceed Category	mensation to economic detay.	respectivelys planton ratare seven improvements.
1 Timeliness Does the project have the ability for Stakeholders to act quickly to implement a project or		
program without the need for new agreements or additional funding?	4	
4. Immediate, < 1 Year.		_
3. Near Term, 1 to 3 Years to develop.		
2. Mid-term, 3 to 6 Years to develop.		
1. Long-term, >6 Years to develop.		
2. Technical Equipility of Project   Dogs the project have technical documentation to avaluate the technical fossibility of the		
project?	2	
The project has detailed documentation, including reconnaissance, and feasibility studies		
and completed engineering designs.		
The project is partially documented, and has reconnaissance, and/or feasibility studies,		
but incomplete or partial designs.		
The project is not well documented, does not have reconnaissance, and/or feasibility		
ativities and has not been decimed	th this project. The project would	
Not applicable with	in existing document and therefore	
	technical feasibility documentation.	
3. Environmental Compliance Does the project have environmental documentation and clearance?	2	
Existing studies and completed environmental documents.	-	
There are some existing studies or plans to complete studies; a clear plan to complete		
environmental documentation.		
	th this project. Exempt.	Exempt
4. Permitting Does the project have permits or a plan to obtain permits?	2	Exempt
2. The permits have been obtained or are in the process.		
The permit requirements are known and there is a plan and schedule in place.		
O. The same throughout an early are and throughout the same and the sa		
0. The permit requirements are not known and there is no plan or schedule.  Not applicable wit		Ministerial
5. Funding Are the project funding sources well defined?	1	
Financial plan and commitments are well defined; clear resource commitments to		
maintenance and operations.		
Financial plan under development; requires rate payer and/or funding agency approval;		
no defined resource commitments to maintenance and operations.		
0. No financial plan and commitments established; no resources defined for maintenance		Project Information incidates funding sourse is
	obtain Prop 84/1E funds.	limited to DAC rate payers.
Other CDWR Statewide IRWMP Criteria		F
1. Provides multiple benefits Does the project provide a range of supply, water quality, flood, ecosystem, conservation,	0	
recreation, or other benefits?	<u> </u>	
1= Yes		
0= No		
2. Involves multiple participants and stakeholders and participants?  Output  Does the project include multiple stakeholders and participants?	0	

Holtville Sewer Master Plan/Map Update Project

Project Number:

40 Meli

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.	1			
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes				
	0= No		Single stakeholder group (City of Holtville)		
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				Project involves sewer master plan for DAC.
5. Statewide Priorities	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				Project involves sewer master plan for DAC.
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	1		1	
	<ol> <li>Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.</li> </ol>		There is potential for this project to support an adaptation to climate change by highlighting areas of		
	<ol> <li>Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.</li> </ol>		infrastructure that could be updated to be more efficient.		Minimal help or affect in adapting to climate chang
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

# **Project Score**

Project ID	41						
Project Title	Drainage Improvements in the Township of Seeley; County Project No. 5363						
Projec	ct Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total		
IRWMP Goals				20.5	11.4%		
1. Water S	upply Goal	9	17.6%				
2. Water C	Quality Goal	7.5	31.3%				
3. Environi	mental Protection and Enhancement Goal	0	0.0%				
4. Flood Pr	rotection and Stormwater Management Goal	4	100.0%				
Strategic Cons	iderations for IRWM Plan Implementation			7.5	4.2%		
Readiness to Proceed Category					13.1%		
Other CDWR S	Other CDWR Statewide IRWMP Criteria						
		Total Pro	oject Score	57.5	31.9%		

#### Imperial IRWMP Project Review Score Sheet

**Project Reviewed:** Drainage Improvements in the Township of Seeley; County Project No. 5363

Project Number: 41

Project Reviewer:

Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
<b>Imperial IRWMP Project</b>	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
1. Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?	_		_	
water.		2		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	Some impacts and no benefits to agricultural water supplies.	1			
	Defined and identifiable negative impacts to agricultural water supplies.				Project protects DAC area from stormwater.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				Project protects DAC area from stormwater.
2. Improve water supply.	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	_			Valuma of starmurator is not identified as a regular
	industrial demands by 2025? This supply cannot withdraw from current agricultural	0		1	Volume of stormwater is not identified as a recycled source of supply to meet demands; the stormwater
	supplies.				is presentty a nuisance within the community and
	5. >50,000 acre feet.				the drainage infrastruture would safely convey it
	4. 25,001 to 50,000 acre feet.				thru the community. The discharge point of the
	3. 10,001 to 25,000 acre feet.				stormwater is not identified in the Project
	2. 5001 to 10,000 acre feet.				Information. This project would reduce the cost of vector control and ensure revenue is not lost from
	0 to 5000 acre feet; yield or limited ability to firmly define.		Not applicable to this project.		missing school attendance.
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through	_			_
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
	2. The project would provide for storage or use of Colorado River supply.				
	1. The project could be integrated with other projects or strategies, or altered to provide for	r			
	storage or use of Colorado River supply.				
	0. The project is not, does not, and could not include aspects of storage or use of Colorado				
	River Supply.				
Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable	_			
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	0		0	
	federal requirements?  2. Implements water conservation measures that surpass requirements and strongly		-		
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet				
	requirements; does not demonstrate or support documentation of reasonable and				
	beneficial use.				
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a	_			
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?  1. Projects would provide a source of supply and allow for reapportionment.		+		The Project Information indicates no change in the
					points of delivery from source end use; it does
	0. The project would not create a source of supply that could be used by a current user as a				describe a change in how stormwater would be
C. Internate Berger	substitute for Colorado River supply and subsequent reapportionment.				handled within the community.
Integrate Resource     Management Strategies.	Will the project apply or integrate Resource Management Strategies?	0		1	
management strategies.	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.	1			Project protects DAC area from stormwater, will
	Less than three RMS.	1			reduce vector control costs, and will improve road walking paths and safety of kids to get to school.
	In the same with the same same same same same same same sam	1			waiking patris and safety of kids to get to school.

Drainage Improvements in the Township of Seeley; County Project No. 5363
41
Melissa Cansdale/Sam Schaeffer Combo

Project Number: Project Reviewer:

	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
7. Plan Consistency.	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?	1		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	Limited or no consistency with existing plan.				Project concepts cleary identified.
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of groundwater?	0		1	
	2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aquifers.	_			
	1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				
	0. Would not sustain or protect groundwater use of overlying users (pumpers); or could				
	have potentially significant impact by causing overdraft.				
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				
	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic	1		0	
	benefits?				
	2. Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.  1. Project would treat water quality to make beneficial use of poor quality water source	1			
	water not otherwise used and provide economic benefits.				Project does not change the beneficial use of source
	Project would not make beneficial use of poor quality water source water or provide	1			water; it would provide an improvement to the local economy by lowering vector control costs and
	economic benefits.		Project could provide economic benefits.		increasing school attendance.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.	_			
	0. Does not have any effect on community compliance with requirements; does not create				
	economies of scale; or provide recycled water to extend the Colorado River supply.				
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?  2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.				
	Assists DACs to meet standards, does not create economies of scale.	1			
	,				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2		1	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.				
	0. Project could have impacts on water quality of drains or rivers.				
5. Comply with Total Maximum Daily Loads (TMDLs)	Would the project help the region comply with Regional Water Quality Control Board Requirements or implement to stormwater BMPs?	1		2	
, , ,	Improves compliance with established TMDLs <u>and</u> implement stormwater BMPs.				
•		_	•	•	

Drainage Improvements in the Township of Seeley; County Project No. 5363
41
Melissa Cansdale/Sam Schaeffer Combo

Project Number:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				Based on the type of project, improvements to stor
			Purpose of project is for flood/stormwater		drainage, this would implement a stormwater BMP
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		management and has potential to improve compliance, although not necessarily stated.		although not discussed directly in the Project Information.
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1	compliance, although not necessarily stated.	1	information.
	Project would improve groundwater quality so that it can be used or would protect	-		-	
	existing water quality.				
	Project would not improve groundwater quality and would not protect existing water				
	quality.				
	0. Project would not improve groundwater quality or could have potentially significant				
	impacts to existing water quality.				
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				
Enhancement Goal  1. Environmental Enhancements	commercial, industrial, and agricultural land uses.  Would the project increase or improve habitat or support mitigation of other impacts?		T		
1. Environmental Enhancements	would the project increase or improve habitat or support mitigation of other impacts?	0		0	
	Project increases or improves habitat and could support mitigation of other project				-
	impacts.				
	Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.				Improvements to habitat are not identified in the
	Project does not increase or improve habitat.				Project Information.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	0		0	
	elements into the design to achieve multiple benefits?	U		U	
	Integrates multiple design elements to provide multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.				
Management Goal	r Protect life and property from flooding and develop regional and local flood protection and stormwater management strategies.				
Reduce impacts from stormwater events	Would the project help to reduce economic damages; and protect life and property from localized stormwater events and runoff from urban areas?	2		2	
	Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.				The purpose of this project is to protect a DAC area from stormwater, improve drainage system for
	0. Project could increase economic damages or result in potential impacts to life or				stormwater, and reduce economic damage from
	property.				storm events.
Strategic Considerations for IRWN					
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	2		1	
	High degree of stakeholder support and low potential for conflicts within Imperial Region.				
	1. Moderate degree of stakeholder support and moderate potential for conflicts within				
	Imperial Region.	_			
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.				
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		0	This project does not have a yield of water supply
	4. <\$150/af.				component; based on the information found in the
	3. \$151 to \$300/af.	1			Project Information, a rough estimate is that it may
	2. \$301 - \$450/af.	1			have a benefit cost ratio of 1.78. A statement is contained in the Project Information regarding cost
	1. >450/af.	-	Not applicable to this project.		useful life of project is 50-years.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?		not applicable to this project.		asers. The or project is so-years.
	, , , , , , , , , , , , , , , , , , , ,	0		0	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				

Drainage Improvements in the Township of Seeley; County Project No. 5363
41
Melissa Cansdale/Sam Schaeffer Combo Project Reviewed:

Project Number:

Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				
	the costs borne by new users.				
	0. Costs for new water and programs distributed to new and existing rate payers in roughly				Project does not add a new water yield; it does
	equal proportions.		Not applicable to this project.		require a rate payer to pay for stormwater facilities.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net				
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
	Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.  1. Moderate potential for contributing to economic activity, creating jobs, revenue				
	generation. Limited documentation.				
	D. Limited occurrentation.     Limited or no potential for contributing to economic activity, creating jobs, revenue				Project protects a DAC area and helps economy of
	generation. No solid documentation.		Prevents economic damages to an area.		this area.
Readiness to Proceed Category	Igeneration. No sona accumentation.				
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or	_		_	
	program without the need for new agreements or additional funding?	3		3	
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.	1			
	2. Mid-term, 3 to 6 Years to develop.				
	1. Long-term, >6 Years to develop.				Construction could happen in 1-3 years.
2. Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the	2		2	
	project?	2			
	3. The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	2. The project is partially documented, and has reconnaissance, and/or feasibility studies,		Design documentation was not provided. Project		
	but incomplete or partial designs.		description; environmental questionnaire; benefit-		
	1. The project is not well documented, does not have reconnaissance, and/or feasibility		cost analysis report; and Seeley Area Drainage		
	studies and has not been designed.		Master Plan, all of which are a part of the Hazard		
	0. The project is conceptually defined, but has potential to help meet goals and objectives.		Mitigation Grant Program (HMGP) application submitted under FEMA's DR-1911.		
3. Environmental Compliance	Does the project have environmental documentation and clearance?	0	Sastricted ander 1 Envis Dr. 1511.	1	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	1		1	-
	2. The permits have been obtained or are in the process.	1			
	The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.				
5. Funding	Are the project funding sources well defined?	1		2	
	2. Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	1. Financial plan under development; requires rate payer and/or funding agency approval;				
	no defined resource commitments to maintenance and operations.				
	0. No financial plan and commitments established; no resources defined for maintenance				Request will be made for Prop 1E funds to match
Othor CDM/B State	and operations.				potential FEMA funds.
Other CDWR Statewide IRWMP Control  1. Provides multiple benefits					1
1. Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?	0		0	
	1= Yes				Project provides stormwater protection to DAC
	0= No	1			community.
Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders	and property and the state of the participation	0		0	

Drainage Improvements in the Township of Seeley; County Project No. 5363

Project Number:

41
Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Projec	t Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	0. Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	0		0	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				Project involves storm water protection of DAC are
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				Project involves storm water protection of DAC are
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		1	
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	<ol> <li>Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.</li> </ol>				Ability to control timing of stormwater flows would be improved
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.     The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		0	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				
	0. The project does not support the expansion of renewable energy in the Region or state.				

## **Project Score**

Project ID	46					
Project Title	Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton Sea Water Qu					
Projec	t Review Criteria, Distribution of Available Points	Subtotal Goals	% of Goals	Total points	% of Total	
IRWMP Goals	IRWMP Goals					
1. Water Si						
2. Water Quality Goal 9 37.5%						
3. Environmental Protection and Enhancement Goal 8 100.0%						
4. Flood Pr	otection and Stormwater Management Goal	2	50.0%			
Strategic Considerations for IRWM Plan Implementation					6.4%	
Readiness to P	roceed Category			21.5	11.9%	
Other CDWR S	tatewide IRWMP Criteria			14.5	8.1%	
		Total Pro	oject Score	81.5	45.3%	

#### Imperial IRWMP Project Review Score Sheet

Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton
46 **Project Reviewed:** 

Project Number:

Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project I	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
<u> </u>		Score	Comments	Score	Comments
IRWMP Goals					
Water Supply Goal	Diversify the regional water supply portfolio to ensure a long-term, verifiable, reliable, and				
	sustainable supply to meet current and future demands				
Effect to agricultural users of	Does the project have an effect to water supplies historically available to agriculture?				
water.	,	2		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				1
	Some impacts and no benefits to agricultural water supplies.				The project, once operational, would require a
	Defined and identifiable negative impacts to agricultural water supplies.				supply or water; it is stated in the Project
	· · · · · · · · · · · · · · · · · · ·				Information this may be from IID irrigation water.
2. Improve Water Supply.	Does the project provide a firm, verifiable, and sustainable supply that contributes to the				
	regional goal of 50 to 100 thousand acre-feet per year for municipal, commercial, and/or	1		0	
	industrial demands by 2025? This supply cannot withdraw from current agricultural supplies.				
	5. >50,000 acre feet.				†
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				No water supply yield estimate provided in project
	to 5000 acre feet; yield or limited ability to firmly define.				submital form; this project is more of a new use,
3. Protect Surface Water Rights,	Would the project optimize and sustain use of Colorado River entitlements through				reuse, or use of treated water that is reclaimed.
maintain Colorado River yields.	development of groundwater storage of underruns?	0		0	
maintain colorado River yields.	The project would provide for storage or use of Colorado River supply.				-
	The project would provide for storage of use of colorado liver supply.      The project could be integrated with other projects or strategies, or altered to provide for				
	storage or use of Colorado River supply.				The project is to make use of exiting water supply,
	The project is not, does not, and could not include aspects of storage or use of Colorado				reuse, or reclaimed water; storage is accomplished in
	River Supply.				the CO River System.
4. Conserves Colorado River	Would the project implement water conservation measures that demonstrate reasonable				
Supplies.	beneficial use and maintain consistency with established industry standards, state, and	1		1	
	federal requirements?				
	2. Implements water conservation measures that surpass requirements and strongly				
	demonstrate or support documentation of reasonable and beneficial use.				
	Implements water conservation measures that meet requirements and partially				
	demonstrate or support documentation of reasonable and beneficial use.				
	Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and				The Project would conserve local water by reuse or
	beneficial use.				by making use of water the is from reclaimed supply
5. Support for in-lieu uses or	Would the project provide a source of supply that could be used as a substitute for a				у,
substitution for Colorado River	current use of Colorado River supplies, and allow for reapportionment within the Imperial	0		0	
Water.	Region?				
	1. Projects would provide a source of supply and allow for reapportionment.				
	0. The project would not create a source of supply that could be used by a current user as a	1			
	substitute for Colorado River supply and subsequent reapportionment.	<u> </u>		<u> </u>	See previous question comment.
6. Integrate Resource	Will the project apply or integrate Resource Management Strategies?	2		2	
Management Strategies.					
	2. Integrates five or more RMS.	1			
	1. Integrates 3-5 RMS.	1			
	0. Less than three RMS.				

Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton
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Melissa Cansdale/Sam Schaeffer Combo

Project Number:

	Evaluation and Ranking Criteria				
	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Criteria	Is the project consistent with City and County General Plan, State or Federal Land Use	Reviewer	Keviewei	Reviewer	Keviewei
7. Plan Consistency.	Plan, UWMP, or existing Capital Facility Plan?	1		1	
	Greatest degree of consistency. Projects clearly identified in GP or other plan.				
	Moderate degree of consistency. Project concepts identified in GP or other plan.	1			
	D. Limited or no consistency with existing plan.	-			
0.0	, 51				
8. Groundwater Rights.	Will the project protect correlative groundwater rights or optimize the use of groundwater?	0		1	
	Sustains and protects use of overlying groundwater users (pumpers); clearly helps to				
	prevent or address overdraft or has no impacts on such aguifers.				
	May sustain and protect use of overlying groundwater users (pumpers); does not prevent				
	or address overdraft or has impact on such aquifers.				If project relies on reuse or reclaimed water, may
	Would not sustain or protect groundwater use of overlying users (pumpers); or could				bennefit GW. If project uses water form exisitn IID
	have potentially significant impact by causing overdraft.				Irr water, then it may be a competing use and impa
Water Quality Goal	Protect water quality for beneficial use consistent with regional community interests and				overdraft.
water Quality Goal	the RWQCB Basin Plan through cooperation with stakeholders, local, and state agencies.				
Match Water Quality to use.	Would the project make beneficial use of poor quality water and provide economic				
in materi water Quality to use.	benefits?	2		1	
	Project would make beneficial use of poor quality source water not otherwise used and				
	provide economic benefits.				
	Project would treat water quality to make beneficial use of poor quality water source				
	water not otherwise used and provide economic benefits.				Project is the end use of a poor quality water that
	Project would not make beneficial use of poor quality water source water or provide				has been treated/reclaimed and it would provide
	economic benefits.				some level of economic benefit.
2. Support DACs- Wastewater.	Would the project support DACs in meeting wastewater disposal and permit requirements;				
	create economies of scale; and provide recycled water and reuse opportunities to extend	0		0	
	Colorado River supplies?				
	2. Brings community into compliance with requirements; creates economies of scale; and				
	provides recycled water to extend the Colorado River supply.				
	1. Brings community into compliance with requirements; does not create economies of				
	scale; or provide recycled water to extend the Colorado River supply.				
	Does not have any effect on community compliance with requirements; does not create	_			
	economies of scale; or provide recycled water to extend the Colorado River supply.				
					Project is not directly making use of wastewater.
3. Support DACs- Drinking Water	Would the project support DACs in meeting drinking water standards, protecting public	0		0	
	health, or creating economies of scale?				
	2. Assists DACs to meet standards, address public health threats, and create economies of				
	scale.	_			
	Assists DACs to meet standards, does not create economies of scale.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.				
	10. Does not assist DACs to meet drinking water standards of create economies of scale.				
4. Effect on Existing Waterways	Could the project affect the water quality of drains or rivers?	2	_	2	
	2. Project could benefit water quality of drains or rivers.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or	1			
	rivers.				
	Project could have impacts on water quality of drains or rivers.				
5. Comply with Total Maximum	Would the project help the region comply with Regional Water Quality Control Board	_		_	
Daily Loads (TMDLs)	Requirements or implement to stormwater BMPs?	0		0	
	Improves compliance with established TMDLs and implement stormwater BMPs.				
1					
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Project Number:

Project Reviewer:

Melissa Cansdale/Sam Schaeffer Combo

Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	1. Improves compliance with established TMDLs <u>or</u> implement stormwater BMPs.				
	Does not help meet established TMDLs and does not implement stormwater BMPs.	-			
	o. Does not help meet established TMDLs and does not implement stormwater bivirs.		Not provided on project submittal form.		
6. Preserve or Improve	Would the project preserve or improve quality of groundwater resources?	1		1	
r	2. Project would improve groundwater quality so that it can be used or would protect				
	existing water quality.				
	1. Project would not improve groundwater quality and would not protect existing water				
	quality.				
	Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				Based on the Project information, it will make use or a supply or reuse of reclaimed water.
Environmental Protection and	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal,				a supply of reuse of recialified water.
Enhancement Goal	commercial, industrial, and agricultural land uses.				
Environmental Enhancements	Would the project increase or improve habitat or support mitigation of other impacts?	_		_	
1		2		2	
	2. Project increases or improves habitat and could support mitigation of other project				
	impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other				
	project impacts.	4			
	Project does not increase or improve habitat.				Project has potential to imoprove habitat.
2. Integrated Design Elements	Does the project integrate environmental, open space, parks, or other recreational	1		1	
	elements into the design to achieve multiple benefits?  1. Integrates multiple design elements to provide multiple benefits.				
	Does not integrate multiple design elements or provide multiple benefits.	-			
Flord Bushadian and Shamoundar	1				
	r Protect life and property from flooding and develop regional and local flood protection and				
Management Goal	stormwater management strategies.				
Reduce impacts from	Would the project help to reduce economic damages; and protect life and property from				
stormwater events	localized stormwater events and runoff from urban areas?	1		1	
	2. Project would reduce economic damages, protect life and property.				
	Projects would not reduce economic damages or protect life and property.	-			
	1. Projects would not reduce economic damages or protect life and property.				
	Project could increase economic damages or result in potential impacts to life or				Project stated purpose is primarily for growth of
	property.				Microalgal, not flood retention.
Strategic Considerations for IRWN					
Public Acceptance/Public	Will the project be able to gain public support from the rate paying population?	0		1	
	2. High degree of stakeholder support and low potential for conflicts within Imperial				
	Region.				
	1. Moderate degree of stakeholder support and moderate potential for conflicts within				
	Imperial Region.	4			
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.				
2. Cost Effectiveness	Is the cost per acre foot of yield competitive with the other projects in the Region?	0		4	
	4. <\$150/af.				
	3. \$151 to \$300/af.				No cost per af of water yield provided in Project
	2. \$301 - \$450/af.				information. It is possible the project pays for the water it receives, therefore, a higher score was
	1. >450/af.	1	Not applicable		given.
3. Equitable cost sharing	Do the entities that receive the benefits pay for the costs of producing those benefits?	_			
-		0		1	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				

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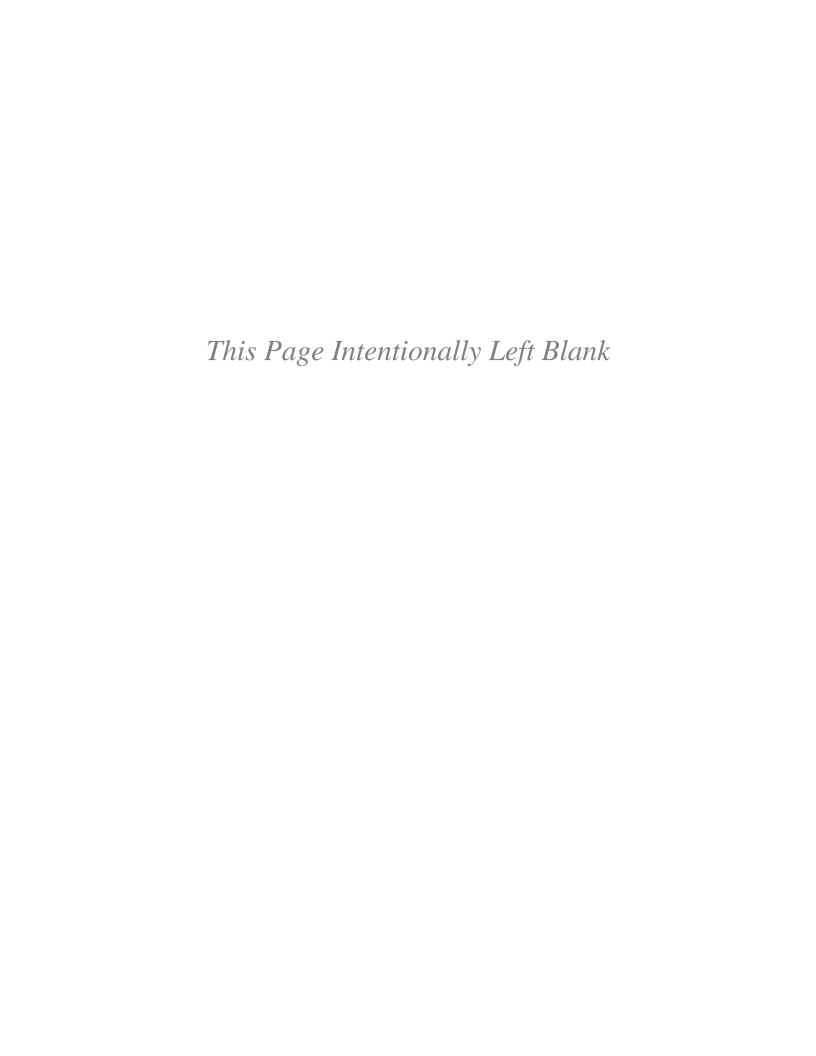
Melissa Cansdale/Sam Schaeffer Combo Project Reviewer:

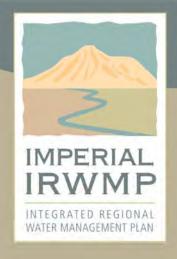
Project Reviewer:	Melissa Cansdale/Sam Schaeffer Combo				
Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
Ciriciia	1. Cost would likely be shared between new and existing rate payers; with at least 75% of				Since all identified funding is for a development of
	the costs borne by new users.				Microalgal site, and it is requested as a grant with
	Costs for new water and programs distributed to new and existing rate payers in roughly	1			some local cost share, some small effect on current
	equal proportions.		Not applicable		rate base.
4. Promote Economic	Does the project provide measurable economic benefits to Imperial Region in terms of net		Not applicable		rate base.
Development	economic activity, job creation, and revenue generation to IID, Imperial County and Cities?	1		1	
Development	economic activity, job creation, and revenue generation to 110, imperial county and cities?	_		1	
	Greatest potential for contributing to economic activity, creating jobs, revenue				
	generation. Clear documentation.				
	Moderate potential for contributing to economic activity, creating jobs, revenue	1			
	generation. Limited documentation.				
	Limited documentation.     Limited or no potential for contributing to economic activity, creating jobs, revenue	1			Project information states potential for positive
	generation. No solid documentation.				economic activity.
Readiness to Proceed Category	Igeneration. No solid documentation.	l .			economic activity.
1. Timeliness	Does the project have the ability for Stakeholders to act quickly to implement a project or				
1. Timeliness	program without the need for new agreements or additional funding?	4		2	
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.	1			
	2. Mid-term, 3 to 6 Years to develop.	1			Project sponsor is ready, funding is not in place; IID
	1. Long-term, >6 Years to develop.	1			will offer in-kind services in support of the project.
Technical Feasibility of Project	Does the project have technical documentation to evaluate the technical feasibility of the				will offer in-kind services in support of the project.
2. Technical reasibility of Project	project?	1		2	
	The project has detailed documentation, including reconnaissance, and feasibility studies				
	and completed engineering designs.				
	The project is partially documented, and has reconnaissance, and/or feasibility studies,	1			
	but incomplete or partial designs.				
	The project is not well documented, does not have reconnaissance, and/or feasibility	1			
	studies and has not been designed.				
	0. The project is conceptually defined, but has potential to help meet goals and objectives.				Project is to advance a demonstration level site to a
					larger-scale.
3. Environmental Compliance	Does the project have environmental documentation and clearance?	2		1	
	Existing studies and completed environmental documents.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete				
	environmental documentation.				
	There are no studies or completed environmental documentation.				
4. Permitting	Does the project have permits or a plan to obtain permits?	2		1	
	The permits have been obtained or are in the process.	1			
	1. The permit requirements are known and there is a plan and schedule in place.				
	0. The permit requirements are not known and there is no plan or schedule.	Ī			
5. Funding	Are the project funding sources well defined?	1		1	
	Financial plan and commitments are well defined; clear resource commitments to				
	maintenance and operations.				
	Financial plan under development; requires rate payer and/or funding agency approval;	1			
	no defined resource commitments to maintenance and operations.				
	No financial plan and commitments established; no resources defined for maintenance	1			Statement of a local cost match and proposed
	and operations.		Seeking Prop 84/1E funds		budget, but no documented funding source.
Other CDWR Statewide IRWMP C			1 0 1/		O / The state of t
Provides multiple benefits	Does the project provide a range of supply, water quality, flood, ecosystem, conservation,				
	recreation, or other benefits?	0		1	
	1= Yes				
	0= No	1			
Involves multiple participants	Does the project include multiple stakeholders and participants?				
and stakeholders		0		1	
and stakenolacis					

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Imperial IRWMP Project	Evaluation and Ranking Criteria				
Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	2. Projects involves four or more participants through agreements and funding.				
	Project involves two to four participants through agreements and funding.				
	Projects involves one stakeholder.				
3. Provides regional benefits	Does the project provide tangible regional benefits or only to a single or limited stakeholder group?	1		1	
	1= Yes				
	0= No				
4. State Program Preferences	Does the project support meet the state preferences?	1		1	
	1= Yes				
	0= No				
<ol><li>Statewide Priorities</li></ol>	Does the project support meet the statewide priorities?	1		1	
	1= Yes				
	0= No				
6. Climate Change Adaption	Would the project support the region adaption to climate change or reduce the vulnerability to the effects of climate change?	0		1	
	Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.				
	Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				
7. Greenhouse Gas Emissions Contribution- Project	Does the project affect greenhouse gas emissions in the region?	1		1	
	The project does not significantly contribute to the GHG emissions relative to other projects.				
	The project contributes to GHG emissions; and does not support renewable energy.				
8. Greenhouse Gas Emissions - Support to Renewable Energy	Does the project support expansion of renewable energy portfolio for the Region or State?	0		1	
	The project provides clear and tangible support to the expansion of renewable energy in the Region or state.				Harvested algae biomass can be used to produce
	0. The project does not support the expansion of renewable energy in the Region or state.				biogas for electricity and biofuel for vehicles or to run generators.





# For additional information see the Imperial IRWMP web site: <a href="http://www.imperialirwmp.org">http://www.imperialirwmp.org</a>











