IMPERIAL IRWMP

INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Project Review Prioritization, and Ranking

Integrated Regional Water Management Plan

Prepared by GEI Consultants, Inc
For Imperial Valley Water Forum

Date: February 3, 2012





GEI Consultants

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.

Imperial IRWMP Project Review List--Second Call

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	Ramer 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	Imperial Valley Biogas Initiative	Southern California Gas Company	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	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

Rank	Project No.	Project Title	Water Supply	Water Quality	Environmental	Flood	IRWMP Goals		Strategic Considerations		Readiness		Statewide		Total	
			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%

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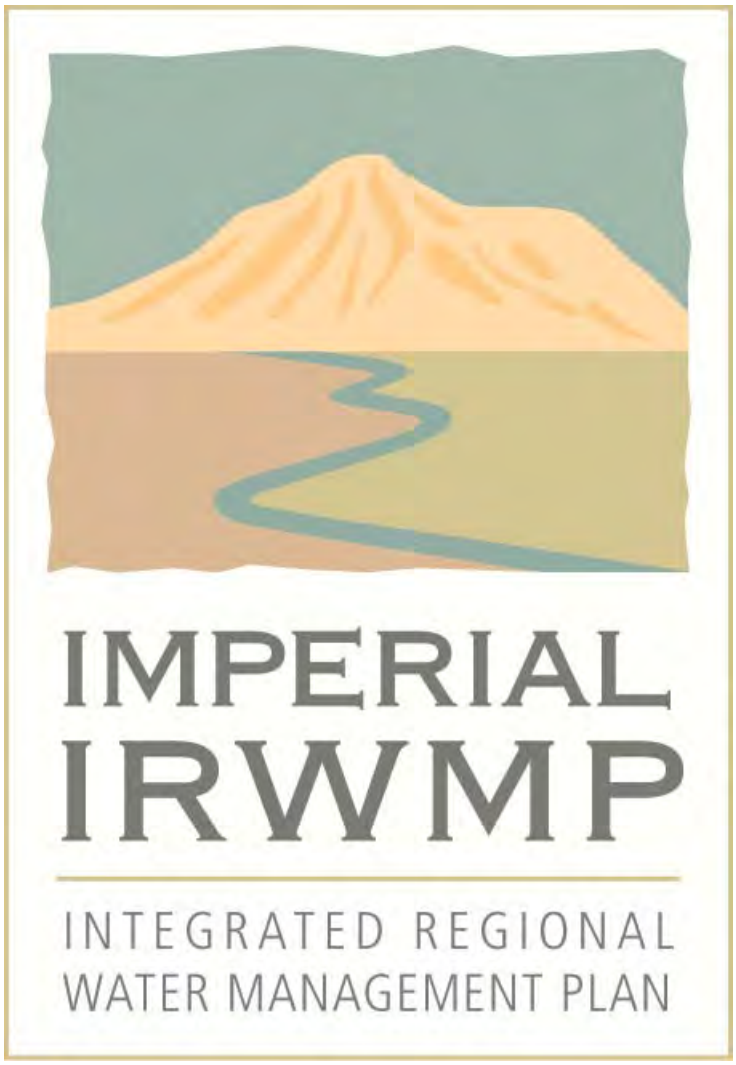


Imperial IRWMP Water Forum Agenda and Presentation

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	1. 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	5. Resource Management Strategies ▪ Finalized Adopted RMS: Increase Water Supply, Reduce Water Demand, Improve Flood Management - **ATTACHMENT** o **Action:** Volunteer for final reading ▪ Draft Improve Water Quality RMS Findings - **ATTACHMENT** o **Action:** Adopt Improve Water Quality RMS Findings	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	8. Schedule future meetings ▪ WF meetings in 2012 ▪ March 15 – RMS Final Action; Implementation Plan; IRWMP Mandatory Elements (Governance, Finance, Interregional Coordination, Data Management, etc.) ▪ April 19 – Adopt Project Ranking; Review Governance & Finance for IRWMP implementation ▪ May 17 – (optional) ▪ June 21 – Public Meeting to review & comment on Draft Administrative IRWMP ▪ July 19 – Adopt Final IRWMP ▪ Projects Work Group meeting - March 14 ▪ Public Agencies adopt Final IRWMP - July 20 - Sept 7	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

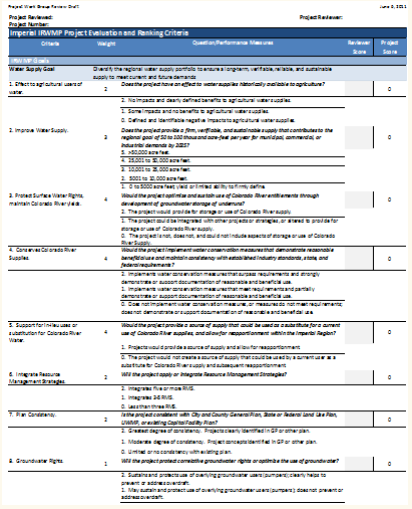
IMPERIAL IRWMP
INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Imperial Water Forum
Agenda Item 4. Review Preliminary Project Ranking

January 19, 2012

Review Criteria and Process

- 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



Project Reviewed:
Project Number:

Imperial IRWMP Project Evaluation and Ranking Criteria

Criteria	Weight	Question/Performance Measures	Reviewer Score	Project Score
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 water.	2	Does the project have an effect to water supplies historically available to agriculture?		0
		2. No impacts and clearly defined benefits to agricultural water supplies.		
		1. Some impacts and no benefits to agricultural water supplies.		
		0. Defined and identifiable negative impacts to agricultural water supplies.		
2. Improve Water Supply.	3	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, or industrial demands by 2035?		0
		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. 0 to 5000 acre feet (lack of limited ability to firmly define.		
3. Protect Surface Water Rights, maintain Colorado River Yields.	4	Would the project jeopardize and sacrifice use of Colorado River entitlements through development of groundwater storage of underuse?		0
		1. 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 will not, does not, and could not include aspects of storage or use of Colorado River Supply.		
4. Conserve Colorado River Supplies.	4	Would the project implement water conservation measures that demonstrate reasonable beneficial use and maintain consistency with established industry standards, state, and federal requirements?		0
		2. Implements water conservation measures that surpass requirements and strongly demonstrates or support documentation of reasonable and beneficial use.		
		1. Implements water conservation measures that meet requirements and partially demonstrates 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 beneficial use.		
5. Support for in-lieu uses or substitution for Colorado River Water.	4	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 Region?		0
		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 Management Strategies.	2	Will the project apply or integrate Resource Management Strategies?		0
		2. Integrates five or more RMS.		
		1. Integrates 3-4 RMS.		
		0. Less than three RMS.		
7. IRW Consistency.	2	Is the project consistent with City and County General Plan, State or Federal Land Use Plan, UWMP, or existing Capital Facility Plan?		0
		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.		
		0. Limited or no consistency with existing plan.		
8. Groundwater Rights	1	Will the project protect competitive groundwater rights or optimize the use of groundwater?		0
		2. Sustains and protects use of overlying groundwater users (pumpers); clearly helps to prevent or address overdraft.		
		1. May sustain and protect use of overlying groundwater users (pumpers); does not prevent or address overdraft.		

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, planning-feasibility, concept)
  - Project Start and End Dates
  - 24 Second Call Projects Reviewed
- All first call and second call projects go into the IRWMP

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%		
3 Environmental Protection and Enhancement Goal	8	9.2%		
4 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%
Total Project Score			180	100.0%

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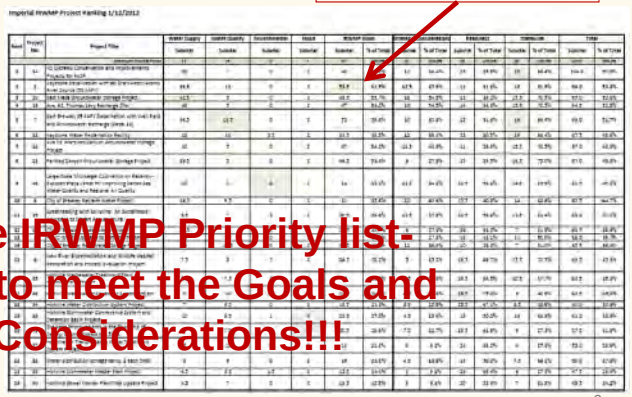
Review Preliminary Results

- Goals (Water Supply+ Water Quality + Environmental + Flood)
- Strategic Considerations
- Readiness
- Statewide
- Total Score

Highlighted Cells



This is the IRWMP Priority list- weighted to meet the Goals and Strategic Considerations!!!

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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

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 & Comment	Jan-12
Release Final Guidelines & PSP	Spring 2012
Applications Due	Spring 2012
Announce Final Awards	Fall 2012

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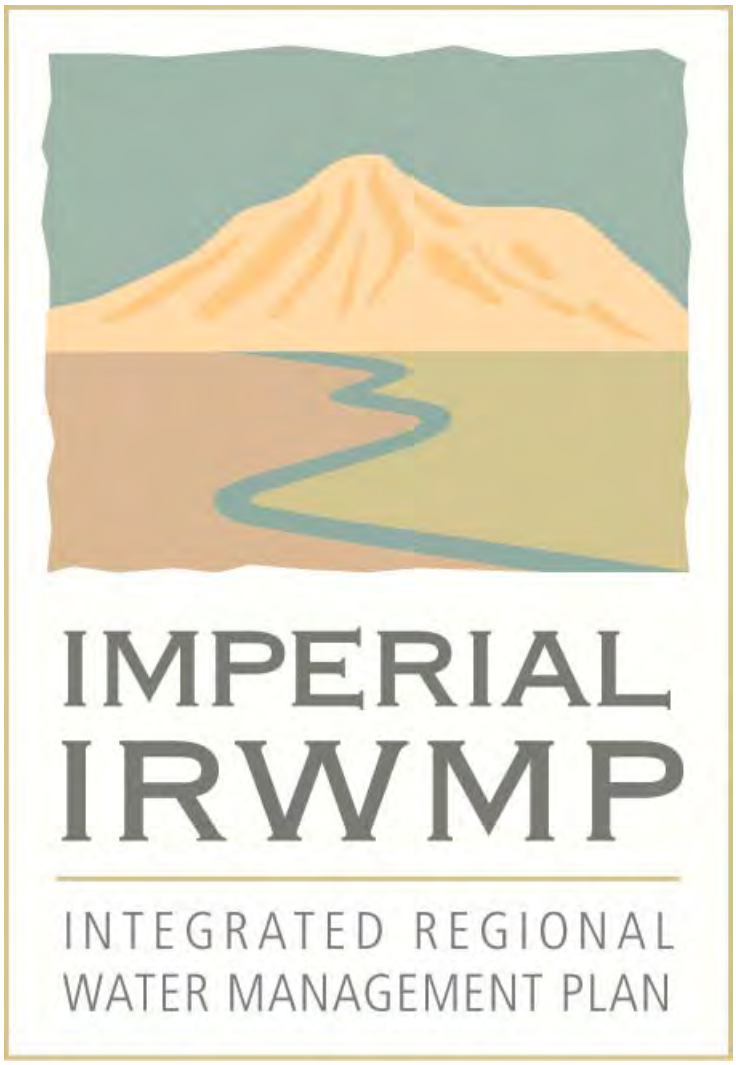

Imperial IRWMP Project Scoring Sheets

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 Score

Project ID	*1*			
Project Title	*HPUD WWTP Upgrade to Tertiary Treatment*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			30	16.7%
1. Water Supply Goal	18	35.3%		
2. Water Quality Goal	10	41.7%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			9	5.0%
Readiness to Proceed Category			16	8.9%
Other CDWR Statewide IRWMP Criteria			11	6.1%
Total Project Score			**66**	**36.7%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *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 Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	1		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1		1	
	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. 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, maintain Colorado River yields.	***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.				
	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.				
4. 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 federal requirements?***	1		1	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.				Tertiary treated water would be available for industrial demand.
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	1		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*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**
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.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of 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 have potentially significant impact by causing overdraft.		May protect ag users by offsetting an industrial demand, which takes a higher priority.		Project may offset an industrial demand of higher 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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	1		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.				
	0. Project would not make beneficial use of poor quality water source water or provide economic benefits.				Project is to treat wastewater to match with industrial use to offset demand.
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 Colorado River supplies?***	2		2	
	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 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.				
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.				
	0. Project could have impacts on water quality of drains or rivers.				Treated water is designated for industrial use not environmental use.
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.				

Project Reviewed:	*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**
	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?***	2		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				Based on Project Information, it is uncertain if Project will provide any regional supply for environmental water use or support habitat.
	0. Project does not increase or improve habitat.				
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	
	1. 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.				
Percent of IRWMP Goal=					
1. 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***Will the project be able to gain public support from the rate paying population?***	1		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.				
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	1		1	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Estimated at approximately $460 per AF for 20 years.		Rough annual costs of $465 per AF for 20 years for the WWTP upgraded were estimated based on Project Information.
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.				

Project Reviewed:	*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**
	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.				
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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 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.				
	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	
	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.				
	0. 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		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.				
Other CDWR Statewide IRWMP Criteria					
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				Limited to WWTP improvement at one DAC and help with water quality of discharge to drain.
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

Project Reviewed: *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.				
	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				One DAC community that may provide treated water for industrial uses.
	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				
	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 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	
	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?***	1		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 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)*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			53.5	29.7%
1. Water Supply Goal	39.5	77.5%		
2. Water Quality Goal	12	50.0%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			12.5	6.9%
Readiness to Proceed Category			12	6.7%
Other CDWR Statewide IRWMP Criteria			18	10.0%
Total Project Score			**96**	**53.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)*
Project Number: *2*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				Project is to develop 50,000 AFY desalination plant to treat brackish surface water from the Alamo River or from IID drains.
	1. 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 supplies.***	4		4	
	5. >50,000 acre feet.				The project will treat brackish water from drain and deviler to suitable use. The Project information does not define if the brackish drain water is in need of replacement or needs to be mitigated. The treated water would go to uses to offset delivery of CO River Water.
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	1		2	
	2. The project would provide for storage or use of Colorado River supply.				Project provides use of CO River, but does not provide for storage in District. CO River water is stored in the river system and exchange in delivery.
	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.		There is potential for this project to be integrated with other projects to include storage.		
4. 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 federal requirements?***	1		2	
	2. Implements water conservation measures that surpass requirements and strongly demonstrate or support documentation of reasonable and beneficial use.				Desal of drain water results in water available for additional beneficial uses.
	1. 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 beneficial use.				
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	1. Projects would provide a source of supply and allow for reapportionment.		Project would create a source of supply from brackish surface water from the Alamo River and IID drains, which conceivably substitutes Colorado River water.		
	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.				

Project Reviewed:	*Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)*
Project Number:	*2*
Project Reviewer:	*Melissa Cansdale/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.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.				
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 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.		The produced water would be conveyed to IID conveyance facilities for distribution to agricultural users as a substitute for using Colorado River water. If ag users use groundwater this water supply could protect and optimize groundwater use.		Project matches desal drain water with non-agricultural uses that are not presently part of the overlying groundwater users. This helps to prevent and address overdraft as long as the drain water was not already part of the groundwater balance.
	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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	1		2	
	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 Colorado River supplies?***	2		0	
	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.		This project could assist in creating economic 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 wastewater.
3. Support DACs- Drinking Water	***Would the project support DACs in meeting drinking water standards, protecting public health, or creating economies of scale?***	1		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.		There is potential for assisting in creating an economy of scale if water is provided for industrial use.		Project is to treat drain water; does not address drinking water for DACs.
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 rivers.				
	0. Project could have impacts on water quality of drains or rivers.				Based on the Project Information, poor quality drain water is to be cleaned up using desal.
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.				

Project Reviewed:	*Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)*
Project Number:	*2*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		Not discussed on project submittal form.		Based on the Project Information, TMDLs or implenting a stormwater BMP not identified.
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 quality.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				Based on Project Information, project is to make available a reclaimed water supply thru desal of drain water source.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.				No indication in the Project Information that the project will improve habitat.
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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?***	1		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.				Uncertain based on Project Information
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	1		1	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Cost is listed as $466/AF		
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.				

Project Reviewed: *Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)*
Project Number: *2*
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 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 Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net economic activity, job creation, and revenue generation to IID, Imperial County and Cities?***	2		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.				Based on projections in Project Information, uncertain if and when geothermal 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 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.				
	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.		Information included in Draft IID Plan		
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. 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	
	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.				
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

Project Reviewed: *Keystone Desalination with IID Drainwater/Alamo River Source (50 KAFY)*
Project Number: *2*
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.				
	1. Project involves two to four participants through agreements and funding.				
	0. 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				
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	
	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	
	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?***	1		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 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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			24.5	13.6%
1. Water Supply Goal	7.5	14.7%		
2. Water Quality Goal	8	33.3%		
3. Environmental Protection and Enhancement Goal	7	87.5%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			5	2.8%
Readiness to Proceed Category			18.5	10.3%
Other CDWR Statewide IRWMP Criteria			15.5	8.6%
Total Project Score			**63.5**	**35.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project*
Project Number: *6*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	1	The project does not propose to affect water supply for either agricultural or municipal use. The explanation of the project's water supply benefit appears to benefit ecosystem restoration moreso than water supply.	1	The New River Bioremediation project, once operational, would supply water to an environment use and benefit agriculture thru improvement of water quality of the component of the New River that is related to ag return flows.
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1	No water supply amount is discussed.	0	No water supply yield estimate provided in project submital form.
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	The project lists GW storage as an aspect of a met DWR RMS, however no further information is provided at this time. It appears GW storage would be additive to this project, and not a direct goal of this project. This is not to say groundwater storage is not a viable option for clean water from this system at this time.	0	The location of the Project and connectivity to an underlying gw basin for storage of CO River Supply is not clearly defined.
	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.				
4. 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 federal requirements?***	0	No supporting documentation was provided at this time. There is a beneficial use for wetland habitats that is inherent in this project and this score will most likely change once supporting documentation is provided.	0	The Project would conserve local water through conversion of poor quality water into supply usable for a new environmental demand/use. Therefore, it may not add to the CO River Supply since it is not being delivered in place of an existing ag demand.
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	The project states the 'clean' water would be used for constructed wetlands developed for wildlife habitat restoration and therefore does not act as a substitute for Colorado River supplies.	0	See previous comment.
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	2	This project claimed 14 Regional Management Strategies (RMS) were satisfied by this project. The finding of this reviewer is the project meets 7 of the total RMS listed.	1	This Project has claims several RMS, however, they are not directly connected nor strongly supported.
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				
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.				

Project Reviewed: *New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project*
Project Number: *6*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
	1. 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 planning.
	0. Limited or no consistency with existing plan.		Not discussed in 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.		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.				
1. 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 to evaluate field scale of treatment process and is expecting to provide some level of economic benefit.
	0. Project would not make beneficial use of poor quality water source water or provide economic benefits.		The project hopes to treat New River water for habitat remediation.		
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 Colorado River supplies?***	0		0	
	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 direct benefit of this Project supporting DACs 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 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.		Drinking water standards are not discussed as a goal or benefit of this project.		The direct benefit of this Project supporting DACs drinking water standards is not clearly identified in the Project Information.
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 rivers.				
	0. Project could have impacts on water quality of drains or rivers.		Project intends to improve the water quality.		This Project is capable of positive effect on water quality of drain water.
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.				
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	0. 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	
	2. Project would improve groundwater quality so that it can be used or would protect existing water quality.				

Project Reviewed: *New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project*
Project Number: *6*
Project Reviewer: *Melissa Cansdale/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 impacts to existing water quality.		Project does not discuss improving groundwater resources.		Based on the Project information, it protects existing wq but does not directly improve gw quality.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.		Project intends to increase/improve habitat by constructing wetlands and removing waste nutrients from the water.		Project will improve habitat and could support 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	
	1. Integrates multiple design elements to provide multiple benefits.				
	0. Does not integrate multiple design elements or provide multiple benefits.		Project discusses recreational elements as a possibility, however there is no final design with those aspects provided at this time.		
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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.		The project does not appear to reduce or significantly affect economic damages or protect life or property from stormwater damages in particular.		Exact location of Project is unknown and stated purpose is primarily for water quality treatment, not flood retentioin.
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***Will the project be able to gain public support from the rate paying population?***	0		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.				
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		Not discussed in the project submittal form.		None stated in the Project information
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.				
	2. $301 - $450/af.				
	1. >450/af.		No cost per acre foot is provided		No cost per af provided in Project information.
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.				
	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 in the project submittal form.		Since all identified funding is either grant or local cost share, no effect on current rate base.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.		This project has potential for creating jobs as well as new		

Project Reviewed: *New River Bioremediation and Wildlife Habitat Restoration and Process Evaluation Project*
Project Number: *6*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		industries (fertilizers, energy source, nutraceuticals, etc.) if the evaluation yields favorable results.		Project information states potential for economic activity, limited documentation.
Readiness to Proceed Category					
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	
	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.				Project sponsor is in place.
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.				
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.				
	0. 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.				
	0. The permit requirements are not known and there is no plan or schedule.				Permits and env doc identified but not clearly known or scheduled
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.				Statement of a local cost match and proposed budget, but no documented funding source.
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes				
	0= No				
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.				Projecst lists other governmental agencies as funding sources.
	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		1	
	1= Yes				
	0= No				
4. State Program Preferences	***Does the project support meet the state preferences?***	1		1	Project information states ability to address DAC needs, which is not well supported and the project is not elible for storm water and flood managmeent funding.
	1= Yes				
	0= No				
5. Statewide Priorities	***Does the project support meet the statewide priorities?***	1		1	
	1= Yes				Drought prepardness and DAC benefits are not supported.
	0= No				

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

Project Number: *6*

Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

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	
	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.				Very minimal positive effect.
7. Greenhouse Gas Emissions Contribution- Project	***Does the project affect greenhouse gas emissions in the region?***	0		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.		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 Groundwater Recharge (Desal 12)*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			52	28.9%
1. Water Supply Goal	36.5	71.6%		
2. Water Quality Goal	13.5	56.3%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			10	5.6%
Readiness to Proceed Category			12	6.7%
Other CDWR Statewide IRWMP Criteria			19	10.6%
Total Project Score			**93**	**51.7%**

Imperial IRWMP Project Review Score Sheet

January 2012

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*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. Some impacts and no benefits to agricultural water supplies.		Intent of project is to provide 25,000 afy of new supply, which could benefit ag water supplies.		Project is to develop 25 KAFY desalination using well field and groundwater.
	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 supplies.***	3		3	
	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 treated water would go to uses to offset delivery of CO River Water.
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		25,000 afy as stated		
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	1		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 storage or use of Colorado River supply.				Project provides use of CO River, but, does not provide for storage in District. CO River water is stored in the river system and exchanged in delivery.
	0. The project is not, does not, and could not include aspects of storage or use of Colorado River Supply.				
4. 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 federal requirements?***	1		2	
	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.				Desal of groundwater results in water available for additional beneficial uses.
	0. 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 substitution for Colorado River Water.	***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 Region?***	1		1	
	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 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.				

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*

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.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	2		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.				Project matches desal of groundwater with non-agricultural uses. This project may not help to prevent and address overdraft since it is making use of groundwater, however, it depends on if the groundwater to be used as the desal supply is counted in the groundwater balance.
	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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	2		2	
	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 Colorado River supplies?***	1		0	
	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 desal groundwater, not wastewater.
3. Support DACs- Drinking Water	***Would the project support DACs in meeting drinking water standards, protecting public 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.				
	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.				
	0. Project could have impacts on water quality of drains or rivers.				Based on the Project Information, groundwater is to be cleaned up using desal.
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.				

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*

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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		Not in project submittal form.		Based on the Project Information, TMDLs or 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 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 impacts to existing water quality.				Based on Project Information, project is to make use of poor quality groundwater, but, not necessarily improve it or protect it.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.				No indication in the Project Information that the project will improve habitat.
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***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.				Uncertain based on Project Information
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	1		1	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Listed cost at $480/AF		
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.				

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*

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.				It is uncertain if all costs for desal of groundwater would be paid thru fees for new industrial uses or shared by local rate payers.
	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 Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net economic activity, job creation, and revenue generation to IID, Imperial County and Cities?***	2		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.				Based on projections in Project Information, uncertain if and when new uses, such as, geothermal energy will be developed.
	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 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.				
	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.		IID Draft Plan		
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. 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	
	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.				
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

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*

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 Information identifies IID and other interested parties for regional geothermal energy development.
	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				
	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	
	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	
	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?***	1		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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			36.5	20.3%
1. Water Supply Goal	24	47.1%		
2. Water Quality Goal	10.5	43.8%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			12	6.7%
Readiness to Proceed Category			10	5.6%
Other CDWR Statewide IRWMP Criteria			7	3.9%
Total Project Score			**65.5**	**36.4%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *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 Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	2		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	4		1	
	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.		Approximately 100 afy is estimated to be saved, and approximately 92 acre feet (30 MG) of storage would be available with the storage tank.		Project information predicts a 0.100 mgd saving from the WTP that will reduce demands from the CO River water system by 36.5 million gallons / year. This estimate is equivalent to 112 acft/yr.
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	1		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.		There is potential for storage and extension of Colorado River supplies for a very limited amount of time.		Project provides an estimated 112 acft/yr saved water, but, does not add storage capacity of CO River Supply.
	0. The project is not, does not, and could not include aspects of storage or use of Colorado River Supply.				
4. 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 federal requirements?***	0		1	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.				Project is a facility improvement that results in some water conservation, not necessarily a large scale water conservation measure.
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	1		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed: *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**
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.				
	0. 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 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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	2		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 Colorado River supplies?***	1		0	
	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.		Uncertain if community is currently out of compliance. Possibility of creating a limited term economy of scale during construction, could assist in 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 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.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		Could potentially create a limited term economy of scale.		Improves performance of existing raw water 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.				
	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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed: *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**
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.				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?***	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 quality.				
	0. Project would not improve groundwater quality or could have potentially significant 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.				
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.				
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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.				Based on Project Information, not enough evidence to score higher.
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	4		2	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.		At $4,000,000 over a 20 year period and assuming 92 afy, the approximate cost per acre foot of water would be $108.		If the project cost was all associated with the saved water, then the cost per acft/yr saved as the "yield" is high. Cost of project associated with the local rate payer of volume of treated water was not provided in the Project Information, thus, a score associated with "low-cost" per acft was not justifiable.
	1. >450/af.				
3. Equitable cost sharing	***Do the entities that receive the benefits pay for the costs of producing those benefits?***	0		0	

Project Reviewed: *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. 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 provided on project submittal form.		Uncertain who will have ability to pay for costs.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net economic activity, job creation, and revenue generation to IID, Imperial County and Cities?***	1		0	
	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.		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					
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.				
	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.				Although technical reports not completed, the scope 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	
	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.				
	0. There are no studies or completed environmental documentation.				Environmental documents are not expected to be difficult or complex.
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	
	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.				
Other CDWR Statewide IRWMP Criteria					
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				
	0= No				

Project Reviewed: *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
4. 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.				
	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	
	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	
	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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			31	17.2%
1. Water Supply Goal	19.5	38.2%		
2. Water Quality Goal	9.5	39.6%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			20	11.1%
Readiness to Proceed Category			15.5	8.6%
Other CDWR Statewide IRWMP Criteria			14	7.8%
Total Project Score			**80.5**	**44.7%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *City of Brawley Reclaim Water Project*
Project Number: *9*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	2	This project proposes to upgrade a treatment plant to relieve a 5.9 MGD demand currently on Colorado River water and provide a new source of water for industrial demand. However it is not clearly stated if that relief would benefit agricultural users specifically.	2	Project reduces competition for CO River Water
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	2	5.9 mgd ~ 6,500afy	2	5.9 MGD converts to 6,500 AF/YR
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	The purpose of the upgrade is to provide a water source for a geothermal energy plant. It is doubtful the project would be altered to include groundwater storage.	0	Project helps with reclaiming wastewater, already delivered source water, which then offsets demands on CO River. It does not add to GW storage.
	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.				
4. 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 federal requirements?***	1	As stated in the project submittal form, the project would recycle water for use in a geothermal plant, as well as remain in compliance with its existing NPDES permit. Conservation is applicable through wastewater treatment.	1	Reason for score of 1 is the uncertainty of place for reclaimed water to be delivered. Once a geothermal plant is located to be built, project would score higher.
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	This project specifically states the water treated would alleviate Colorado River supply demand and be reapportioned as industrial demand for geothermal energy development, however this water is considered a "new" source of supply for (presumably) an as-yet built geothermal plant.	1	Although overall water balance may not change, the treated water could replace CO River Water deliveries to future geothermal, thus matching a reclaimed water to an industrial use.
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	1		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*City of Brawley Reclaim Water Project*
Project Number:	*9*
Project Reviewer:	*Melissa Cansdale/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	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				Project Information sheet unclear, however, reclaimed water project concepts are part of UWMPs.
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.		Unknown		
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.		Unknown		Project replaces demand for CO River Water; which reduces reliance on gw.
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. 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.				
	0. Project would not make beneficial use of poor quality water source water or provide economic benefits.		Project intends to treat wastewater (poor quality source water) for the purposes of supporting 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 Colorado River supplies?***	1		2	
	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.		Unsure if community is out of compliance with requirements. This project could create an economy 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 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.		The purpose of the project is not to provide drinking 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.				
	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.		Project intends to upgrade from secondary to reclaimed water standards as well as remain in compliance with NPDES, which indicates an added benefit.		Increased level of treatment would provide some benefit, however, the existing improvements are to meet NPDES Permit requirements; future 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	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.		Already complies with site specific NPDES and presumably in line with the RWQCB. Because the		

Project Reviewed:	*City of Brawley Reclaim Water Project*
Project Number:	*9*
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.		project intends to remain in compliance it does not improve compliance with established TMDLs or stormwater BMPs. Stormwater BMP compliance is unknown at this time.		
	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?***	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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Water from this project is intended for a geothermal plant and not for groundwater remediation, use, recharge, etc.		Project not direclty improving gw quality; does match reclaimed water with use.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.		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	
	1. Integrates multiple design elements to provide multiple benefits.				
	0. Does not integrate multiple design elements or provide multiple benefits.		Not included on the project submittal form.		
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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.		Not included on the project submittal form.		
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public	***Will the project be able to gain public support from the rate paying population?***	1		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.		This project intends to expand on the geothermal energy industry while reducing the demand on Colorado River supplies. This will potentially create an economic boost as well as alleviate agricultural pressures and possible		
2. 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 total estimated costs stated in the Project Information Form of $12,500,000. Roughly $650,000 per year over 20 years for 6,500 af-yr yield. Or, ~100/af increase in cost for reclaimed water treatment.
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not included on the project submittal form. The project costs $12.5 million and provides approximately 6,500 afy, over the course of 20 years the cost per acre foot would be approximately $100.		
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.				

Project Reviewed: *City of Brawley Reclaim Water Project*
Project Number: *9*
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.				This is an assumption that the project would be paid for by those who benefit. It is not clearly defined in the Project Information sheet.
	0. Costs for new water and programs distributed to new and existing rate payers in roughly equal proportions.		Not included on the project submittal form.		
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.		If a geothermal plant is constructed based on the amount of water provided by this plant then yes. However, it should be a requirement that this water is used for that purpose to provide the most economic benefit to the region.		
	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 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.				Funding sources are not developed or clrearly identified.
	1. Long-term, >6 Years to develop.		As provided on the project submittal form.		
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.		This project has a draft alternative study as well as 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	
	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.				
	0. 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		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.		Not seeking Prop 84 or 1E funds, have obtained half of the total estimated cost.		
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes		Project intends to provide 5.9 mgd, maintain NPDES water quality standards as outlined in existing NPDES permit, assists in water conservation, and promotes economic development.		
	0= No				

Project Reviewed: *City of Brawley Reclaim Water Project*
Project Number: *9*
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		0	
	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		0	
	1= Yes		Provides regional benefit in alleviating demand on Colorado River supplies.		
	0= No				
4. State Program Preferences	***Does the project support meet the state preferences?***	1	This project can effectively resolve a significant water-related conflice by providing a water supply of 5.9 mgd and alleviating demand on Colorado River water.	1	Only meets 1
	1= Yes				
	0= No				
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 geothermal energy industry to meet the multi-benefit project.	1	Only meets 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	Not included on the project submittal form.	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	Unknown	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?***	1	Yes, the project will provide a water supply for the purposes of expanding the geothermal energy industry in the region.	1	Project provides water supply to potential renewable energy.
	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	*12*			
Project Title	*City of Brawley Water Meter Project*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			26.5	14.7%
1. Water Supply Goal	20.5	40.2%		
2. Water Quality Goal	4	16.7%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			9	5.0%
Readiness to Proceed Category			24	13.3%
Other CDWR Statewide IRWMP Criteria			7	3.9%
Total Project Score			**66.5**	**36.9%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *City of Brawley Water Meter Project*
Project Number: *12*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water	***Does the project have an effect to water supplies historically available to agriculture?***	1	Project states a conservation of 1 mgd if implemented, which calculates to approximately 1,120 afy. Unsure of benefits to agricultural users, not specifically stated in the project submittal form. There COULD be a positive impact by offsetting the need for urban delivery and reapportioning water to agricultural users.	2	Conserved water reduces demand on CO River Water delivery.
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1	Only calculates to 1,120 afy, but does not truly provide a new supply as conserve an old one.	1	1MGD equates to 1120 AF/YR
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	Does not discuss storage or use of the Colorado River Supply.	0	Project has potential to reduce demand of CO River Supply
	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.				
4. 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 federal requirements?***	1	The project would adequately monitor usage throughout the city, howeer supporting documentation of a resaonable and beneficial use was not provided.	2	Water conservation resulting from metering is consistent with state 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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	It does not appear this project would create a source of supply, but would rather more closely monitor the use for which the water is already intended. It is not clear as to what other use the proposed savings would be used.	1	Project has potential to reduce demand of CO River Supply
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	1	This project is eligible for 4 of the five RMS it listed: 1. Conveyance Improvement-Yes-water meters will provide a representation of water use in the system 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-	2	
	2. Integrates five or more RMS.				

Project Reviewed: *City of Brawley Water Meter Project*
Project Number: *12*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
	1. Integrates 3-5 RMS.		3. Industrial Process Water Use Efficiency Yes monitors industrial use 4. Water Exchanges-Yes-an accurate representation of water use in the system will assist in water exchanges 5. Drinking Water Treatment-No-this project does not discuss improving water treatment or water		
	0. Less than three RMS.				
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.		Project is identified in the Capital Improvement Plan for 2012		Capital improvement plan and metering in required element of UWMP
	0. Limited or no consistency with existing plan.				
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.		Does not discuss groundwater.		
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. 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.		Project does not intend to make beneficial use of poor quality water. Economic benefit may arise from meter use, however it is not stated in this project.		
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 Colorado River supplies?***	0		0	
	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.		Not discussed in project submittal.		Metering of potable water, not wastewater.
3. Support DACs- Drinking Water	***Would the project support DACs in meeting drinking water standards, protecting public health, or creating economies of scale?***	0		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.				
	0: Does not assist DACs to meet drinking water standards or create economies of scale.		Not discussed in project submittal.		Help reduce cost of treatment by demand reduction.
4. 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.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or rivers.		Monitoring how much water is flowing through the		Project has potential to reduce demand of CO River Supply, however, water would likely be delivered ot

Project Reviewed:	*City of Brawley Water Meter Project*
Project Number:	*12*
Project Reviewer:	*Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria

Criteria	Question/Performance Measures	Reviewer	Reviewer	Reviewer	Reviewer
	0. 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 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.				
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	0. 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		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed in project submittal.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. 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	
	1. Integrates multiple design elements to provide multiple benefits.				
	0. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.		Not discussed in project submittal.		
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		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.				
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		Possible stakeholder protests over the monitoring of water use.		Payment capacity of rate payers is extremely low.
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	3	Not discussed in the project submittal form, however for a $4 million dollar project and a 1,120 afy "yield" the possible cost per acre foot for the first year would be $180 per acre foot for approximately 20 years. However, long term costs have not been calculated.	3	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.				Based on rough calculation of spreading the $4M cost in Project information over 20 years with a potential water savings of 1,120 AF/Yr, it will cost ~$180/AF

Project Reviewed: *City of Brawley Water Meter Project*
Project Number: *12*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
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.				
	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 in the project submittal form.		It is expected these are rate payers withinthe district installing the meters.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	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 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. 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		3	
	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.		The project does not have technical reports and documentation, but does have a completed environmental review, regulatory approval, and a completed permitting process.		Urban water district metering is common frequent practice.
	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.				
	1. There are some existing studies or plans to complete studies; a clear plan to complete environmental documentation.				
	0. 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. 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.		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. 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.		Not discussed in the project submittal form.		
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	0		0	

Project Reviewed: *City of Brawley Water Meter Project*
Project Number: *12*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
	1= Yes		Provides only conservation benefits at this time.		Limited to urban water conservation thru metering.
	0= No				
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.				Project is for one DAC community; Requirement of State for communities to install meters.
	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?***	0	If the project delivers the 1 mgd savings (1,120 afy) then that could help alleviate the regional demand on Colorado River water. However, it is unclear if this would be a regional credit, or a city credit.	0	Single DAC.
	1= Yes				
	0= No				
4. State Program Preferences	***Does the project support meet the state preferences?***	1		1	Two of the preferences.
	1= Yes				
	0= No				
5. Statewide Priorities	***Does the project support meet the statewide priorities?***	1		1	Two of the priorities.
	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	Water metering would allow for quantifying the amount of water used and provide an avenue for further water conservation efforts if climate change affects the region.	1	Project helps with climate change thru water demand reduction.
	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	
	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	
	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	*13*			
Project Title	*Keystone Water Reclamation Facility*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			33.5	18.6%
1. Water Supply Goal	18	35.3%		
2. Water Quality Goal	10	41.7%		
3. Environmental Protection and Enhancement Goal	3.5	43.8%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			12	6.7%
Readiness to Proceed Category			23	12.8%
Other CDWR Statewide IRWMP Criteria			19	10.6%
Total Project Score			**87.5**	**48.6%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Keystone Water Reclamation Facility*
Project Number: *13*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	0	Not discussed in the project submittal form.	2	First phase of this facility supplies 2.5 MGD or 2,800 acre-feet/year of treated wastewater or storm water to non-agricultural uses.
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1	Project intends to provide 2.5 mgd (~3,000 afy) of treated water for heavy industrial use.	1	Project's first phase contributes 2,800 acre-feet/year; up to 16,800 acre-feet/year at project buildout of 15MGD. However, presently no municipal, commercial, or industrial demands are realized or under contract for delivery of this reclaimed water supply.
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	Not discussed in the project submittal form.	0	Project has potential to off-set future CO River deliveries to non-agricultural uses.
	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.				
4. 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 federal requirements?***	1	Water conservation measures in terms of treating existing wastewater and stormwater for the purposes of industrial use (beneficial use).	1	
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	Project does not provide a source of supply as a substitute for a current use, but intends to provide a source of supply for a future use.	1	First phase of this facility supplies 2.5 MGD or 2,800 acre-feet/year of treated wastewater or storm water to non-agricultural uses.
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	2	Removed Multi-purpose flood management from the list of selected RMS as it does not appear this facility would assist in major flood control.	2	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Keystone Water Reclamation Facility*
Project Number:	*13*
Project Reviewer:	*Melissa Cansdale/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		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				County of Imperial has set aside an area known as Mesquite Lake Specific Plan. The City is in final stages of property acquisition.
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.		Not discussed in the project submittal form.		
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	0		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.				Project matches reclaimed water with non-agricultural uses that are not presently part of the overlying groundwater users. This helps to prevent and address overdraft as long as the wastewater and stormwater were not already part of the water balance.
	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.				
1. 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.		Source water is wastewater and stormwater runoff that is currently un-used and would be used for industrial purposes.		Investment in treatment is necessary to match quality of source water to future demand.
	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 Colorado River supplies?***	2		2	
	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.		This project will meet all provisions of CA Title 22 requirements, could assist in an economic boost by providing heavy industrial plants with a water source, as well as treat wastewater/stormwater.		Creation of the economies of scale are in planning stages, not realized until industrial uses are constructed.
	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 health, or creating economies of scale?***	1		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.		This project could assist in creating an economy of scale and does not in itself create an economy of scale, however does not state the water will be of a drinking water level.		Project receives wastewater and stormwater; does not address drinking water for DACs.
	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	Water is stated as having an intended use and the project does not indicate drains or rivers will be affected. It is probable the water will benefit water quality in those systems, however since it is unknown where the water is going at this time the benefit is unknown as well.	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, direct benefit to the water quality of a drain or river is not identified.
	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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed:	*Keystone Water Reclamation Facility*
Project Number:	*13*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		Not discussed in the project submittal form.		Based on the Project Information, TMDLs or implenting a stormwater BMP not identified.
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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed in the project submittal form.		Based on Project Information, project is to make available a reclaimed water supply thru treament of surface water sources.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, commercial, industrial, and agricultural land uses.				
1. 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. Project increases or improves habitat, but cannot be used to support mitigation of other project impacts.		There appears to be minimal intent to improve habitat with water treated by this facility. Most discussion revolves around heavy industrial or recreational uses.		No indication in the Project Information that improved habitat could be used for mitigtoin of other projet impacts.
	0. Project does not increase or improve habitat.				
2. Integrated Design Elements	***Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?***	1	The project offers landscape irrigation, parks, golf courses, or other recreational uses as benefits this water could be used for, but does not include them as part of the project. However it is stated the project will incorporate constructed wetlands.	1	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.		Not discussed in the project submittal form.		
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***Will the project be able to gain public support from the rate paying population?***	1		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.		The possibility of job creation may provide an avenue for stakeholder support, however the possibility for revenue may be minimal.		
	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?***	1		1	
	4. < $150/af.				Hard to determine based on the Project Information provided; rough calculation of $65M for cost of a project divided by 2800 AF/YR to 16,800 AF/YR over a 20 year period results in $1,160 to $194 range in cost per acre-feet.
	3. $151 to $300/af.				
	2. $301 - $450/af.		The project will provide 2.5 mgd (~3,000 afy) and cost $65 million. The cost per acre foot over a period of 20 years will be approximately $1,100.		
	1. >450/af.				
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.				

Project Reviewed: *Keystone Water Reclamation Facility*
Project Number: *13*
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.		A tiered rate structure is currently in place (with water smart readers). Those methods will continue to be used for servers connected to the Keystone Water Reclamation Facility.		It is anticipated all costs for reclaimed water supply would be paid thru fees for new industrial uses.
	0. Costs for new water and programs distributed to new and existing rate payers in roughly equal proportions.				
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				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 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.				
	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 time. 3 - 6 months		Draft MND circulated and comments received.
	0. 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.		The project will require buliding permits from Imperial County, RWQCB, and NPDES. A schedule is planned.		
	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. 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.		Documentation not provided, however local funding is secured and a plan in place to schedule and finalize project funding.		
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	2		1	

Project Reviewed: *Keystone Water Reclamation Facility*
Project Number: *13*
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.				
	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				
	0= No				
5. Statewide Priorities	***Does the project support meet the statewide priorities?***	1	Removed "Climate Change" and "Environmental Stewardship" as those two items are not expressly discussed on the project submittal form.	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	
	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	
	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		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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			48	26.7%
1. Water Supply Goal	39	76.5%		
2. Water Quality Goal	7	29.2%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			12	6.7%
Readiness to Proceed Category			25	13.9%
Other CDWR Statewide IRWMP Criteria			19	10.6%
Total Project Score			**104**	**57.8%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *IID Systems Conservation and Improvements Projects for IWSP*
Project Number: *14*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	1		2	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. Some impacts and no benefits to agricultural water supplies.				
	0. Defined and identifiable negative impacts to agricultural water supplies.				Impacts of conserved water are identified and 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 industrial demands by 2025? This supply cannot withdraw from current agricultural supplies.***	2		2	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.		8,000 afy is stated in the project submittal form.		Stated yield of 8,000 ac-ft/yr.
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through 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 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.				
4. 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 federal requirements?***	2		2	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.				Project is to conserve water thru implemention of conservation measures; implementation will require mitigation for reduction of drain flow that supports habitat.
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	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 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.				

Project Reviewed:	*IID Systems Conservation and Improvements Projects for IWSP*
Project Number:	*14*
Project Reviewer:	*Melissa Cansdale/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?***	2	Interim Water Supply Plan, consistent with a variety of plans, including the General Plan.	2	Although not mentioned by specific project components, conservation measures are the basis of water conservation actions mentioned in several planning documents .
	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.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	2		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 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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	1	Unclear if water requires treatment prior to delivery, however end users/beneficial use not identified, although stated as industrial.	2	The project information indicates the conserved water would be from tailwater or drains and be delivered to new uses. It is not clear if the conserved water will require treament prior to delivery to the new use. It is clear the new use is not drinking water use; it is most likely to be used for cooling purposes for alternative energy.
	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 Colorado River supplies?***	0		0	Although this project has the potential to provide a stored water supply and extend the CO River supply, it does not assist in meeting wastewater disposal and permit requirements, therefore, the score remained zero.
	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 health, or creating economies of scale?***	0		0	This project would assist with water supply for alternative energy projects, which may benefit DAC economy.
	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	The project effect has been identified and mitigation for this affect is part of the total cost per ac-ft of the estimated yield.
	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.				
	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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed:	*IID Systems Conservation and Improvements Projects for IWSP*
Project Number:	*14*
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.				
	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 quality.				Project is to conserve water thru implemention of conservation measures of surface or drain water not necessarily directly affecting quality the groundwater.
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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 has to fund mitigation for effect to habitat to remain neutral.
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***Will the project be able to gain public support from the rate paying population?***	0		2	
	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.				Based on the high ranking of the Goal and Objective, this suggests high degree of Stakeholder support.
	0. Limited or no stakeholder support and potential for conflicts within Imperial Region.		Not provided on project submittal form.		
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	1		1	Based on the Project Information, it is not clear if the $590/AF cost is a one-time capital cost for the 8,000 AFY yield. If it is, then the project cost per ac-ft could be spread out over at least 20 year life of the project or more, could reduce the cost per ac-ft of yield, and thus raise this catergory to the highest rank of 4.
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Listed as $590 per acre foot, with an additional $90 per acre foot for mitigation purposes.		
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.				

Project Reviewed: *IID Systems Conservation and Improvements Projects for IWSP*
Project Number: *14*
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.				At the present level of planning, it is uncertain regarding the defined method of distributing costs based on the Project Information provided to date.
	0. Costs for new water and programs distributed to new and existing rate payers in roughly equal proportions.				
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net economic activity, job creation, and revenue generation to IID, Imperial County and Cities?***	2		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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		This project could assist in an alternative energy portfolio for the region and would therefore assist in creating an economy of scale.		Documentation includes a tech memo regarding potential economic activity resulting from this project.
Readiness to Proceed Category					
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.				
	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.				
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.				
	0. 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?***	2		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 and operations.				
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed:	*IID Systems Conservation and Improvements Projects for IWSP*
Project Number:	*14*
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.				
	1. Project involves two to four participants through agreements and funding.				
	0. 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				Conserved water would potentially befefit all water users in Region.
	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				
	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	
	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	
	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?***	1		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 supply to support other uses, such as, alternative energy development.
	0. The project does not support the expansion of renewable energy in the Region or state.				

Project Score

Project ID	*15*			
Project Title	*Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture :*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			20.5	11.4%
1. Water Supply Goal	8.5	16.7%		
2. Water Quality Goal	7	29.2%		
3. Environmental Protection and Enhancement Goal	3	37.5%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			12.5	6.9%
Readiness to Proceed Category			21.5	11.9%
Other CDWR Statewide IRWMP Criteria			13.5	7.5%
Total Project Score			**68**	**37.8%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture :*
Project Number: *15*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	1	No impacts and no benefits to water supply.	1	The project, once operational, would require a supply or water, which may be reclaimed water.
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1		0	No water supply yield estimate provided in project submital form; this project is more of a new use or reuse of water that is reclaimed.
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0		0	The project is to make use of water or reuse reclaimed water; storage is accomplished in the CO River System.
	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.				
4. 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 federal requirements?***	0		1	The Project would conserve local water by making use of water in less quantity than previous land use or by reuse of reclaimed supply.
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0		0	See previous comment, although, in the case of replacing an ag crop with higher water use, then it could provide some supply. The Project Information is not definitive enough to score higher.
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	2		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture :*
Project Number:	*15*
Project Reviewer:	*Melissa Cansdale/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		0	
	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.				
	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.				
1. 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.				
	0. Project would not make beneficial use of poor quality water source water or provide economic benefits.				Project is the end use of a poor quality water that has been treated/reclaimed and it would provide 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 Colorado River supplies?***	0		0	
	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 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.				
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.				
	0. Project could have impacts on water quality of drains or rivers.		Project intends to use existing quality and not improve it.		
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.				

Project Reviewed: *Spearheading with Spirulina: An Sustainable Approach to Desert Acquaculture :*
Project Number: *15*
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.				
	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 quality.				
	0. 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 of a supply or reuse of reclaimed water.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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 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.				Project has potential to improve habitat.
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	
	1. 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 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.				
	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 substition or reuse of treated water, not flood retention.
	0. Project could increase economic damages or result in potential impacts to life or property.				
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***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
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.				
	2. $301 - $450/af.				
	1. >450/af.		Not provided on project submittal form.		No cost per af of water yield provided in Project information. It is possible the project pays for the water it receives, therefore, a higher score was 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.				

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

Project Number: *15*

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.				Since all identified funding is for a demonstration site, and it is requested as a grant with no local cost share, no effect on current rate base.
	0. Costs for new water and programs distributed to new and existing rate payers in roughly equal proportions.		Not provided on project submittal form.		
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				Project information states potential for positive economic activity.
Readiness to Proceed Category					
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	
	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.		Could be completed within one year. Ready to 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 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.		Documents not provided.		Project is a demonstration level site.
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.				
	0. There are no studies or completed environmental documentation.		If funding is received through the IRWMP process, a 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.				
	0. The permit requirements are not known and there is no plan or schedule.		Not required for proposed scale.		Likely categorical exemption under CEQA may be 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. 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.		Seeking Prop 84/1E funding.		Statement of a local cost match and proposed budget, but no documented funding source.
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

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

Project Number: *15*

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.				
	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				
	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		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.				Very minimal positive effect.
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 - 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	*18*			
Project Title	*Ave 72, Martinez Canyon Groundwater Storage Project*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			47	26.1%
1. Water Supply Goal	40	78.4%		
2. Water Quality Goal	5	20.8%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			13.5	7.5%
Readiness to Proceed Category			11	6.1%
Other CDWR Statewide IRWMP Criteria			15.5	8.6%
Total Project Score			**87**	**48.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Ave 72, Martinez Canyon Groundwater Storage Project*
Project Number: *18*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. 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 supplies.***	4		3	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.		Project has identified 40,000 afy as a possible storage amount.		Although the Project Information states a capacity estimated at 40,000 af annually, it does not statean annual average Yield, therefore, level 3 for project yield was selected based on observation that every year may not utilize the full 40,000 af capacity.
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through 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 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.				
4. 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 federal requirements?***	1		1	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.				Groundwater banking conserves water by allowing storage of surface supplies at time when surface supplies cannot be delivered to a coincent demand. The Project is being ranked similar to other water saving projects.
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	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 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.				

Project Reviewed: *Ave 72, Martinez Canyon Groundwater Storage Project*
Project Number: *18*
Project Reviewer: *Melissa Cansdale/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?***	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.				
	0. Limited or no consistency with existing plan.				Although not mentioned by project name, groundwater banking in CWD for IID is mentioned.
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 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.		If the study finds groundwater storage feasible then 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 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	
	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 Colorado River supplies?***	0		0	
	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 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.				
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.				
	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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed: *Ave 72, Martinez Canyon Groundwater Storage Project*
Project Number: *18*
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.				
	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		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		The project is currently unknown to be feasible. The project says nothing of improving groundwater 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.				
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.				
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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		2	
	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.				Based on the high ranking of the Goal and Objective, 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?***	4		0	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not well defined at this time.		Uncertain based on lack of defined cost information 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	
	2. All costs for new water would be paid for by new users; no effects on current rate base.				

Project Reviewed: *Ave 72, Martinez Canyon Groundwater Storage Project*
Project Number: *18*
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 provided on the project submittal form.		Uncertain based on lack of defined cost information provided in the Project Information sheet
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		If the feasibility study shows a groundwater recharge facility is viable there is potential for measurable economic benefits to the region.		Documentation includes a tech memo regarding potential economic activity resulting from this project.
Readiness to Proceed Category					
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.				
	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.				
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. 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 Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No				Project is focused on Water supply
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed: *Ave 72, Martinez Canyon Groundwater Storage Project*
Project Number: *18*
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.				
	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				Stored water would potentially befit all water users in Region.
	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				
	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	
	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	
	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		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.				Stored water will be available as a firm water supply to support alternative energy development.

Project Score

Project ID	*19*			
Project Title	*Ave. 62, Thomas Levy Recharge Site.*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			47	26.1%
1. Water Supply Goal	40	78.4%		
2. Water Quality Goal	5	20.8%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			18	10.0%
Readiness to Proceed Category			14	7.8%
Other CDWR Statewide IRWMP Criteria			15.5	8.6%
Total Project Score			**94.5**	**52.5%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Ave. 62, Thomas Levy Recharge Site.*
Project Number: *19*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. 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 supplies.***	4		3	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.		Project has identified 20,000 - 30,000 afy as a possible storage amount.		Although the Project Information states a capacity estimated at 20,000 to 30,000 af annually, it does not state an annual average Yield; level 3 for project yield was selected, however, every year may not utilize the full capacity.
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through 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 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.				
4. 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 federal requirements?***	1		1	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.				Groundwater banking conserves water by allowing storage of surface supplies at time when surface supplies cannot be delivered to a coincent demand. The Project is being ranked similar to other water saving projects.
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	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 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.				

Project Reviewed: *Ave. 62, Thomas Levy Recharge Site.*
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**
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.				Although not mentioned by project name, groundwater banking in CWD for IID is mentioned in several planning documents.
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.				
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 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.		If the study finds groundwater storage feasible then 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 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	
	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 Colorado River supplies?***	0		0	
	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 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.				
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.				
	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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed: *Ave. 62, Thomas Levy Recharge Site.*
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**
	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		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 says nothing of improving groundwater quality and only discusses a groundwater facility.		
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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		2	
	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.				Based on the high ranking of the Goal and Objective, this suggests high degree of Stakeholder support
	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?***	4		3	
	4. < $150/af.				
	3. $151 to $300/af.				Uncertain of cost per af based on the cost information provided in the Project Information sheet. However, if project is between $20M - $25M and yields average annual of 5,000 to 10,000 af, then it is in the item 3 range.
	2. $301 - $450/af.				
	1. >450/af.		Not well defined at this time.		
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.				

Project Reviewed: *Ave. 62, Thomas Levy Recharge Site.*
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**
	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 provided on the project submittal form.		Uncertain based on lack of defined cost information provided in the Project Information sheet
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		If the feasibility study shows a groundwater recharge facility is viable there is potential for measurable economic benefits to the region.		Documentation includes a tech memo regarding potential economic activity resulting from this project.
Readiness to Proceed Category					
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.				
	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 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	
	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.				
	0. 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 Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No				Project is focused on Water supply
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed: *Ave. 62, Thomas Levy Recharge Site.*
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**
	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				Stored water would potentially befit all water users in Region.
	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				
	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	
	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	
	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		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.				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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			48.5	26.9%
1. Water Supply Goal	41.5	81.4%		
2. Water Quality Goal	5	20.8%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			18	10.0%
Readiness to Proceed Category			13	7.2%
Other CDWR Statewide IRWMP Criteria			15.5	8.6%
Total Project Score			**95**	**52.8%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. 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 supplies.***	4		4	
	5. >50,000 acre feet.				If East Mesa proves to be a suitable site for an IID groundwater storage project, it may provide a Project yield that is expected to be in the 40,0000 to 60,000 acre-feet per year range. At this time it is uncertain, thus, I've scored it a level lower than the highest.
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		Project has identified 40,000 afy as a possible storage amount.		
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through 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 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.				
4. 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 federal requirements?***	1		1	
	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 storage of surface supplies at a time when surface supplies cannot be delivered to a coincent demand. The Project is being ranked similar to other water saving projects since it is a planning project not fully realized.
	1. 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 beneficial use.				
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	1		1	
	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 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.				

Project Reviewed:	*East Mesa Groundwater Storage Project*
Project Number:	*20*
Project Reviewer:	*Melissa Cansdale/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?***	2		2	
	2. Greatest degree of consistency. Projects clearly identified in GP or other plan.				Although not mentioned by project name, groundwater banking is mentioned in several planning documents .
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.				
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 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.		If the study finds groundwater storage feasible then 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 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	
	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 Colorado River supplies?***	0		0	
	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.				Although this project has the potential to provide a stored water supply and extend the CO River supply, it does not assist in meeting wastewater disposal and permit requirements, therefore, the score remained zero.
	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 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.				This project would assist with water supply for alternative energy projects, which may benefit DAC economy.
	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.				
	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.				
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.				

Project Reviewed:	*East Mesa Groundwater Storage Project*
Project Number:	*20*
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.				
	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		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		The project is currently unknown to be feasible. The project says nothing of improving groundwater 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.				
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.				
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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		2	
	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.				Based on the high ranking of the Goal and Objective, 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?***	4		3	~~direction of cost per af based on the cost~~ information provided in the Project Information sheet. However, if project can yield 50,000 af/yr, then a rough estimate of $100M expense spread over 20 years gets to a minimum price of $100/af. It could be more or less per af. Item 3 range score was selected due to the uncertainty of the information.
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not well defined at this time.		
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.				

Project Reviewed: *East Mesa Groundwater Storage Project*
Project Number: *20*
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 provided on the project submittal form.		Uncertain based on lack of defined cost information provided in the Project Information sheet
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		If the feasibility study shows a groundwater recharge facility is viable there is potential for measurable economic benefits to the region.		Documentation includes a tech memo regarding potential economic activity resulting from this project.
Readiness to Proceed Category					
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.				
	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 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.				Reconnaissance level evaluation of the East Mesa area and preliminary cost for a number of project concepts were completed as part of the Draft IID Plan.
	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?***	0		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.				
	0. 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 Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No				Project is focused on Water supply
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed: *East Mesa Groundwater Storage Project*
Project Number: *20*
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.				
	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				Stored water would potentially befit all water users in Region.
	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				
	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	
	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	
	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		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.				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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			46.5	25.8%
1. Water Supply Goal	39.5	77.5%		
2. Water Quality Goal	5	20.8%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			9	5.0%
Readiness to Proceed Category			15	8.3%
Other CDWR Statewide IRWMP Criteria			16.5	9.2%
Total Project Score			**87**	**48.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. 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 supplies.***	5		4	
	5. >50,000 acre feet.				Although the Project Information states a capacity estimated at 80,000 to 100,000 af annually, it does not state an annual average Yield, therefore, level 4 for project yield was selected based on observation that every year may not utilize the full 80,000 to 100,000 af capacity.
	4. 25,001 to 50,000 acre feet.				
	3. 10,001 to 25,000 acre feet.				
	2. 5001 to 10,000 acre feet.				
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through 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 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.				
4. 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 federal requirements?***	1		1	
	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.				Groundwater banking conserves water by allowing storage of surface supplies at time when surface supplies cannot be delivered to a coincent demand. The Project is being ranked similar to other water saving projects.
	0. 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 substitution for Colorado River Water.	***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 Region?***	1		1	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	0		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Painted Canyon Groundwater Storage Project*
Project Number:	*21*
Project Reviewer:	*Melissa Cansdale/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		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 in CWD for IID is mentioned.
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	2		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 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.				
1. 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.		Not discussed on project submittal form.		
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 Colorado River supplies?***	0		0	
	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.		Not discussed on project submittal form.		
3. 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.		Not discussed on project submittal form.		
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.				
	0. Project could have impacts on water quality of drains or rivers.		Not discussed on project submittal form.		
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.				

Project Reviewed:	*Painted Canyon Groundwater Storage Project*
Project Number:	*21*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		Not discussed on project submittal form.		
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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed on project submittal form.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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		2	
	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.				Based on the high ranking of the Goal and Objective, 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?***	0		0	
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		No cost is provided on the project submittal form.		Uncertain based on lack of defined cost information provided in the Project Information sheet; Cost 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.				

Project Reviewed: *Painted Canyon Groundwater Storage Project*
Project Number: *21*
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.		Uncertain based on lack of defined cost information provided in the Project Information sheet
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net economic activity, job creation, and revenue generation to IID, Imperial County and Cities?***	2		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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.				Documentation includes a tech memo regarding potential economic activity resulting from this project.
Readiness to Proceed Category					
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.				
	1. Long-term, >6 Years to develop.		Project is a feasibility study.		The Feasibility Study phase can be implemented immediately.
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.				
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. 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	
	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.				
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				Project is to provide water banking capacity for water supply.
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed: *Painted Canyon Groundwater Storage Project*
Project Number: *21*
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.				
	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				Stored water would potentially befit all water users in Region.
	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				
	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	
	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	
	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?***	1		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.				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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			19	10.6%
1. Water Supply Goal	8	15.7%		
2. Water Quality Goal	9	37.5%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			4.5	2.5%
Readiness to Proceed Category			19	10.6%
Other CDWR Statewide IRWMP Criteria			7.5	4.2%
Total Project Score			**50**	**27.8%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. Some impacts and no benefits to agricultural water supplies.				
	0. Defined and identifiable negative impacts to agricultural water supplies.		Not provided in the project submittal form.		
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.***	1		0	
	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 purpose of this project is health and safety. Also to provide better fire flow protection. No water yield contribution is realized.
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.		Would provide storage of approximately 30 acre feet.		
3. Protect Surface Water Rights, maintain Colorado River yields.	***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.				
	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.				
4. 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 federal requirements?***	0		0	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.		Does not implement water conservation measures, would only set aside enough water for emergencies.		Drinking water health and safety project.
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	0		0	
	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.		The project would merely store a supply that would already be used for its intended purpose and not create a new one.		
6. Integrate Resource Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	1		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Water distribution storage tanks, 2 each 5MG*
Project Number:	*32*
Project Reviewer:	*Melissa Cansdale/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	The project is consistent with the goals of the City of El Centro's General Plan PF-10 pg A-12. The project is further consistent with the City's Water Master Plan and is identified in the City's Capital Improvement Program	2	This project is identified in local plans, however, due to the cost the local community is unable to fund it.
	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.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	0	Unclear if groundwater is the source of water to be stored. If it were there is potential for this.	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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	1	Project would provide beneficial use for water that is already treated.	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 Colorado River supplies?***	0		0	
	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 health, or creating economies of scale?***	0		2	
	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.				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 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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed: *Water distribution storage tanks, 2 each 5MG*
Project Number: *32*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.				Project 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?***	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 quality.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.				
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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				Project adds fire protection and not protection from flooding.
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***Will the project be able to gain public support from the rate paying population?***	1		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.				The project may be favorably supported, however, the rate paying population is limited by capacity to pay. The local population does not have the capacity to pay.
	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.				
	3. $151 to $300/af.				
	2. $301 - $450/af.		Cannot calculate this value because it is unknown how many acre feet would travel through the tanks if storage water required use.		This project does not produce additional water supply, it is to provide fire protection.
	1. >450/af.				
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.				

Project Reviewed: *Water distribution storage tanks, 2 each 5MG*
Project Number: *32*
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 provided in project submittal form.		Uncertain who will have ability to pay for project costs.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	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 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.				
	2. Mid-term, 3 to 6 Years to develop.				A storage tank project can be designed and built over a short time-frame, however, additional funding is needed.
	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 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 City has a rate study that identifies the project. It is removed from the study for lack of funding.		Preliminary Engineering Report completed, but, incomplete design.
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. 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		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.		Seeking Prop 84/1E funding.		
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

Project Reviewed:	*Water distribution storage tanks, 2 each 5MG*
Project Number:	*32*
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.				
	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?***	0		0	
	1= Yes				
	0= No				Limited to one city.
4. State Program Preferences	***Does the project support meet the state preferences?***	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				
	0= No				One, addresses the safe drinking water needs of a 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.				
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 - 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	*34*			
Project Title	*Holtville Water Distribution System Project*			
Project 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 Quality Goal	9.5	39.6%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			8.5	4.7%
Readiness to Proceed Category			25.5	14.2%
Other CDWR Statewide IRWMP Criteria			8.5	4.7%
Total Project Score			**61**	**33.9%**

Imperial IRWMP Project Review Score Sheet

January 2012

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 Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	1	Presumably if the project will provide potable water services to 96 homes (with the hope to build more) will increase the need for urban water which could conceivably affect agricultural water. The water source is not clearly defined, nor if that water is already appropriated for this use.	1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1	Does not indicate a new supply for users.	0	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	Does not indicate groundwater storage or underruns.	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.				
4. 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 federal requirements?***	0	Water conservation is not discussed as a goal of this project.	0	Drinking water service area consolidation project.
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	As described the project would not be a source of new supply or a substitute supply.	0	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	0	There is opportunity to provide water for recycling with this project if it is incorporated with a treatment facility.	0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

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**
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	Identified in the City General Plan Land Use Element (see form)	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.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	0	Not discussed on project submittal form.	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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	0	Not discussed on project submittal form.	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 Colorado River supplies?***	1	Community is identified as being out of compliance with either no access to potable water and using polluted open channels as a water source, or are connected to potable water services outside of adopted development standards. An economic benefit may be created IF the land is developed, however that is not guaranteed at this time. There is opportunity for a treatment plant or recycling opportunities at end-use of this community. This option could be explored further.	0	
	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 health, or creating economies of scale?***	1	Brings a DAC into compliance by providing potable water using adopted development standards. The economy of scale as yet is uncertain. Could improve this score with a proven economic benefit.	2	Consolidation of drinking water system and provides fire protection.
	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	It is forseeable providing a potable water system to houses would assist with the quality of water in drains and rivers, however that aspect is not specifically discussed in the project submittal form. Would this project also include "return services"? If so then the water leaving these homes could be	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.				
	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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

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**
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	0. 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		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed on project submittal form.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.		Not discussed on project submittal form. It is conceivable if the quality of drain water is improved the habitat could also be improved.		
	0. Project does not increase or improve habitat.				
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	
	1. Integrates multiple design elements to provide multiple benefits.				
	0. Does not integrate multiple design elements or provide multiple benefits.		Not discussed on the project submittal form.		
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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.		Not discussed on the project submittal form.		
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public	***Will the project be able to gain public support from the rate paying population?***	1		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.		The purpose of the project (bringing potable water to people who do not have it) would appear to garner stakeholder support due to its altruistic nature. Unsure of conflict potential due to uncertainty of water source. Documentation of where the water comes from would be pertinent.		
	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?***	1		0	This project does not produce additional water supply, it is to replace unreliable supply with a reliable, good quality supply thru consolidation of potable drinking water system which also provides fire protection. 96 households would be connected. Rough cost estimate is over $132/mo per household base on 20 years spread of estimated cost stated in Project Information.
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not discussed on the project submittal form.		
3. Equitable cost sharing	***Do the entities that receive the benefits pay for the costs of producing those benefits?***	0		1	

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**
	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 Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.		Possible economic benefits IF the unused acres are developed.		
Readiness to Proceed Category					
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?***	1		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.		If funding is provided this project would be ready to 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 project?***	3		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.		A preliminary engineering report is complete (2010) and identifies existing conditions and proposed improvements, however it is not finalized.		Preliminary Engineering Report completed
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.		City has completed Environmental Review, NEPA Environmental Information Document, and CEQA MND, complete as of 2010.		
	0. There are no studies or completed environmental documentation.				
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.		Pending ministerial and encroachment permits are scheduled to be obtained during the construction phase.		
	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. 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 funds and a plan is in place to finalize project funding.		
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No		Project could provide economic benefits as well as provide clean water to a DAC.		

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**
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0	Participating agencies are EPA and BECC however they are not stakeholders.	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.				
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 economic growth could provide a regional benefit in terms of jobs. That is not listed as a definitive outcome of this project, though.	0	
	1= Yes				Limited to area serving 96 households
	0= No				
4. State Program Preferences	***Does the project support meet the state preferences?***	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				
	0= No				One, addresses the safe drinking water needs of a 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	The project could do this if recycling or conservation measures were implemented (metering).	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	
	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	
	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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			19	10.6%
1. Water Supply Goal	5.5	10.8%		
2. Water Quality Goal	7.5	31.3%		
3. Environmental Protection and Enhancement Goal	3	37.5%		
4. Flood Protection and Stormwater Management Goal	3	75.0%		
Strategic Considerations for IRWM Plan Implementation			9.5	5.3%
Readiness to Proceed Category			24.5	13.6%
Other CDWR Statewide IRWMP Criteria			10.5	5.8%
Total Project Score			**63.5**	**35.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Holtville Wastewater Treatment Plant Improvement Project*
Project Number: *35*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. Some impacts and no benefits to agricultural water supplies.				
	0. 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 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		0	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.		.85 mgd ~ 1,000 afy. This project will not supply a new source of water, merely upgrade an existing source to meet NPDES requirements.		
3. Protect Surface Water Rights, maintain Colorado River yields.	***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.				
	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 on the project submittal form.		
4. 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 federal requirements?***	0		0	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.		There is opportunity for this project to implement water conservation measures through the upgrade (metering).		
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	0		0	
	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.		This project is merely to upgrade treatment of an existing supply.		
6. 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.				
	0. Less than three RMS.		Project currently meets one RMS. This project could meet more if it is integrated with other projects, or expands its purpose to meet more RMS.		

Project Reviewed:	*Holtville Wastewater Treatment Plant Improvement Project*
Project Number:	*35*
Project Reviewer:	*Melissa Cansdale/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?***	2	Consistent with the City General Plan, City Service Area Plan, City Capital Improvement Program (2010),	2	CA RWQCB has issued a Cease and Desist Order regarding the WWTP NPDES permit.
	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.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	0	Not discussed on the project submittal form.	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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	0	Unsure of the economic benefits of the treated water. Environmental benefits are a cleaner waterway system, however the end-use of the water is not listed. If it is to treat the water for delivery downstream what are the delivery requirements (volume) of the plant remaining in operation? If there is no current economic beneficial use for this water, what would be the beneficial economic use of the water provided by the upgraded plant? How many homes/businesses could be served vs. how many currently are.	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 Colorado River supplies?***	1	This project will bring a DAC into compliance with requirements with the upgrade, however whether an economy of scale will be created or an extension of Colorado River supplies remains to be seen. No significant permanent economic benefit is listed as a result of this project. Presumably the water currently treated by this plant is already allocated. If treating this water could provide a recycled use then Colorado River supply extension is feasible.	1	
	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 health, or creating economies of scale?***	0	The treatment plant will not assist this DAC in meeting drinking water standards, however it will bring the treatment plant into compliance with the existing NPDES permit.	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.				
4. Effect on Existing Waterways	***Could the project affect the water quality of drains or rivers?***	2	The treated water drains into Pear Drain, a tributary to the Alamo River (a tributary to the Salton Sea). Bringing treated water into compliance will conceivably benefit the water quality of the drain and river.	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 rivers.				
	0. Project could have impacts on water quality of drains or rivers.				

Project Reviewed:	*Holtville Wastewater Treatment Plant Improvement Project*
Project Number:	*35*
Project Reviewer:	*Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
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		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				
	1. Improves compliance with established TMDLs or implement stormwater BMPs.		Stormwater BMPs are only discussed as part of the construction phase, however improving the water quality will conceivably assist in compliance to established TMDLs.		
	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?***	0		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed on the project submittal form.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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 impacts.				
	1. Project increases or improves habitat, but cannot be used to support mitigation of other project impacts.		Improving the discharge quality will improve habitat, primarily for the Alamo River and the Salton Sea. Other project impacts are unknown.		Based on Project Informatin, it is uncertain if Project can provide any regional support for mitigation of other project impacts.
	0. Project does not increase or improve habitat.				
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	
	1. 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 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		2	
	2. Project would reduce economic damages, protect life and property.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.		Not discussed on the project submittal form.		
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.		Minimal stakeholder support as the stakeholders 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. >450/af.		The project costs $6,149,000. Over the course of 20 years, at a flow rate of approximately 1,000 afy the cost would be approximately $308 per acre foot.		Rough annual costsof $181 per household for 20 years for the WWTP upgraded were estimated based on Projec Information; it appears

Project Reviewed:	*Holtville Wastewater Treatment Plant Improvement Project*
Project Number:	*35*
Project Reviewer:	*Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
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.				
	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 Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net economic activity, job creation, and revenue generation to IID, Imperial County and Cities?***	1	Economic benefits appear to be limited to the construction period. "If the WWTP is not rehabilitation and upgraded in the near future, planned residential, commercial and/or industrial projects may be restricted and not be permitted for development due to capacity issues." If the plant has such a limited capacity (.85 MGD), then there is limited opportunity for economic growth. The economic growth and benefit could be discussed in more detail and documentation could be provided to substantiate this claim.	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 program without the need for new agreements or additional funding?***	3		4	
	4. Immediate, < 1 Year.				
	3. Near Term, 1 to 3 Years to develop.				
	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 not shovel ready.		
	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.		A rate study and a preliminary engineering report have been completed.		Rate study underway; design not initiate due to funding constrainsts.
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	1		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.		The project is exempt from CEQA. NEPA pending if federal funds used.		
	0. There are no studies or completed environmental documentation.				
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.				
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.				

Project Reviewed: *Holtville Wastewater Treatment Plant Improvement Project*
Project Number: *35*
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 Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		0	
	1= Yes				
	0= No		Water quality and environmental enhancement.		Limited to WWTP improvement at one DAC and help with water quality of discharge to drain.
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.		Single stakeholder and DAC area. Possible (environmental) stakeholders downstream toward the Salton Sea.		
	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		The project would supply a regional benefit by providing better quality water to the Alamo River and ultimately to the Salton Sea.		
	0= No				Limited to one DAC location and a drain.
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?***	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.		Since the project is providing an upgrade to existing water supply, it is not forseen it affects regional climate change vulnerability unless it also includes storage, secondary treatment, etc.		Although the Project Information states an energy savings, it does not identify a significant change in energy to treate the wastewater, it does mention a 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 - 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.		While the project will use renewable energy sources, 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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			21.5	11.9%
1. Water Supply Goal	8	15.7%		
2. Water Quality Goal	10	41.7%		
3. Environmental Protection and Enhancement Goal	1.5	18.8%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			4.5	2.5%
Readiness to Proceed Category			28.5	15.8%
Other CDWR Statewide IRWMP Criteria			9	5.0%
Total Project Score			**63.5**	**35.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Holtville Wastewater Collection System Project*
Project Number: *36*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	1	No impacts and no benefits to water supplies available to agriculture are forseeable with this project.	1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1	The project is intended to upgrade sanitary sewer outfall and not provide a water supply.	0	Project focuses on Wastewater Collection System and does not add to water supply
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	Not discussed in the project submittal form.	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.				
4. 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 federal requirements?***	0	Not discussed in the project submittal form.	0	
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	Not discussed in the project submittal form.	0	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	0		0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Holtville Wastewater Collection System Project*
Project Number:	*36*
Project Reviewer:	*Melissa Cansdale/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?***	2	City General Plan, City Service Area Plan, City Capital Improvement Program	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.				
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of groundwater?***	0	Not discussed in the project submittal form.	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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	0	The project is intended to upgrade sanitary sewer outfall and not make beneficial use of poor quality water.	0	Project focuses on Wastewater Collection System
	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 Colorado River supplies?***	1	The project would help a DAC meet wastewater disposal and permit requirements.	1	
	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 health, or creating economies of scale?***	1	Uncertain the project would create or assist in the creation of an economy of scale.	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.				
4. Effect on Existing Waterways	***Could the project affect the water quality of drains or rivers?***	2	It is conceivable that replacing the sanitary sewer outfall main would improve the water quality of drains/rivers.	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 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		1	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed:	*Holtville Wastewater Collection System Project*
Project Number:	*36*
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.		Stormwater BMPs are only discussed as part of the construction phase, however improving the water quality will conceivably assist in compliance to established TMDLs.		Project would reduce risk of raw sewage effluent being in contact with environment during collapse of old pipes causing back-ups.
	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?***	0		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.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.		Not discussed in the project submittal form.		Reduces risk of effluent discharging into groundwater.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, commercial, industrial, and agricultural land uses.				
1. 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. Project increases or improves habitat, but cannot be used to support mitigation of other project impacts.				
	0. 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 elements into the design to achieve multiple benefits?***	0		0	
	1. 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.		
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 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.				
	1. Projects would not reduce economic damages or protect life and property.		Unsure of current 'economic damages' if any. It stands to reason that repairing the aging pipeline that carries raw sewage would have a preventative affect on environmental damages in the event raw sewage leaked.		
	0. Project could increase economic damages or result in potential impacts to life or property.				Based on the Project Information, risk is more with failure of old pipe than from local flood events.
Strategic Considerations for IRWM Plan Implementation					
1. Public Acceptance/Public S	***Will the project be able to gain public support from the rate paying population?***	1		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.		EPA and BEEC		
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.				
	2. $301 - $450/af.				Based on Project Information, costs are associated with effluent collection from households; rough estimate of $101/household/year over 20 years to pay for this project
	1. >450/af.		Not discussed in the project submittal form.		
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.				

Project Reviewed:	*Holtville Wastewater Collection System Project*
Project Number:	*36*
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 in the project submittal form.		Wastewater rate payers would be associated with this project.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		Construction jobs would be temporary only. Uncertain of how effective the removal of the perceived barrier to economic growth would be.		
Readiness to Proceed Category					
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	
	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?***	3		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.		Preliminary Engineering Report, Design Plans, and a Sewer Rate Study		Funds are required to advance design and construction documents.
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.				
	0. 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	
	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.		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 and operations.		Seeking Prop 84 and 1E funds. No local funding has been secured.		
Other CDWR Statewide IRWMP Criteria					
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				
	0= No		Does not provide a "range" of benefits.		
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	1		1	

Project Reviewed:	*Holtville Wastewater Collection System Project*
Project Number:	*36*
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.				
	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?***	0		0	
	1= Yes		Single/limited stakeholder group. The City of Holtville.		
	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				
	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	
	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.				Limited help in adapting in the project does not add 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	
	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?***	1		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.		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*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			19	10.6%
1. Water Supply Goal	5	9.8%		
2. Water Quality Goal	12	50.0%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			3	1.7%
Readiness to Proceed Category			24	13.3%
Other CDWR Statewide IRWMP Criteria			6	3.3%
Total Project Score			**52**	**28.9%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	0	Not discussed in the project submittal form.	1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1		0	This project responds to the need for a DAC to meet CA Dept of Public Health drinking water compliance.
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	Not discussed in the project submittal form.	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.				
4. 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 federal requirements?***	0		0	
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0		0	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	0		0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Holtville UV Transmittance Water Treatment System Project*
Project Number:	*37*
Project Reviewer:	*Melissa Cansdale/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.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. 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 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 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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	1		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.		Project would treat water that has a designated use to come into existing compliance requirements.		Drinking water source would be brought into 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 Colorado River supplies?***	1		0	
	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.		Uncertain if would create an economy of scale. Project claims would remove barrier to economic boost, however uncertain of veracity of claim at this time.		This project responds to the need for a DAC to meet 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 health, or creating economies of scale?***	1		2	
	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.		Uncertain if would create an economy of scale. Project claims would remove barrier to economic boost, however uncertain of veracity of claim at this time.		
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 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		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed:	*Holtville UV Transmittance Water Treatment System Project*
Project Number:	*37*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		Project intends to bring the City of Holtville into 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 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 impacts to existing water quality.		Not discussed in the project submittal form.		
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. Project does not increase or improve habitat.		Not discussed in 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	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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.				
2. Cost Effectiveness	***Is the cost per acre foot of yield competitive with the other projects in the Region?***	0		0	
	4. < $150/af.				Based on Project Information, project cost not directly associated with per acre-foot yield, however, a rough cost of $15 to$20 per service connection per year, for twenty years is needed to pay for the upgrade.
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not discussed on project submittal form.		
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.				

Project Reviewed: *Holtville UV Transmittance Water Treatment System Project*
Project Number: *37*
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 Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		Claims to remove a barrier to economic growth, however given current economic conditions economic growth in this area is questionable.		
Readiness to Proceed Category					
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	
	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.		Already funded portions of this project are slated to be completed in October of 2012.		
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 is fairly simple and straitforward regarding design and construction documents necessary for improvements.
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	1		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.				
	0. There are no studies or completed environmental documentation.		Project is exempt from CEQA and NEPA. Unsure if other environmental documents are required.		
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. 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.		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.				
	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.		The funding section of the form doesn't add up. There is funding available but not listed on the form. The TEC is $540,000 and the unfunded amount is $370,000 but the amount of cost match or other sources of funding is not provided on the form.		
Other CDWR Statewide IRWMP Criteria					
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				
	0= No		There are no alternative benefits of this project other than water quality.		
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed:	*Holtville UV Transmittance Water Treatment System Project*
Project Number:	*37*
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.				
	1. Project involves two to four participants through agreements and funding.				
	0. 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 DAC's drinking water system.
	0= No		Only to a single/limited stakeholder group.		
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?***	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.				
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 - 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	*38*			
Project Title	*Holtville Stormwater Master Plan Project*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			12.5	6.9%
1. Water Supply Goal	4.5	8.8%		
2. Water Quality Goal	3.5	14.6%		
3. Environmental Protection and Enhancement Goal	1.5	18.8%		
4. Flood Protection and Stormwater Management Goal	3	75.0%		
Strategic Considerations for IRWM Plan Implementation			3	1.7%
Readiness to Proceed Category			26	14.4%
Other CDWR Statewide IRWMP Criteria			6	3.3%
Total Project Score			**47.5**	**26.4%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 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.				
	1. Some impacts and no benefits to agricultural water supplies.				
	0. Defined and identifiable negative impacts to agricultural water supplies.		Not applicable with this project.		This project is planning project only; thus, it will not have a measureable impact to the water supply
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		0	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.		Not applicable with this project.		Planning project only
3. Protect Surface Water Rights, maintain Colorado River yields.	***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.				
	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 applicable with this project.		
4. 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 federal requirements?***	0		0	
	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.				
	0. Does not implement water conservation measures, or measures do not meet requirements; does not demonstrate or support documentation of reasonable and beneficial use.		Not applicable with this project.		
5. Support for in-lieu uses or substitution for Colorado River Water.	***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 Region?***	0		0	
	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.		Not applicable with this project.		
6. 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.				
	0. Less than three RMS.				

Project Reviewed:	*Holtville Stormwater Master Plan Project*
Project Number:	*38*
Project Reviewer:	*Melissa Cansdale/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?***	2		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.		City General Plan, City Development Impact Fee Nexus Study,City Service Area Plan		
	0. Limited or no consistency with existing plan.				
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.		Not applicable with this project.		Since this is a planning project, difficult to determine.
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. 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 Colorado River supplies?***	0		0	
	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 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.				
4. 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.				
	1. Project would not provide benefit or have negative impacts on water quality of drains or rivers.				Planning project only; future implemented projects could help drains or 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		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed:	*Holtville Stormwater Master Plan Project*
Project Number:	*38*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.				Planning project only; future implemented projects could help with 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 quality.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, commercial, industrial, and agricultural land uses.				
1. Environmental Enhancements	***Would the project increase or improve habitat or support mitigation of other impacts?***	1		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 Elements	***Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?***	0		0	
	1. Integrates multiple design elements to provide multiple benefits.				Project is planning step towards implementation of projects that may contain entegrated elements.
	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 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	
	2. Project would reduce economic damages, protect life and property.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				Planning proejct only; future implemented projects may reduce economic damages and protect life and 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.				
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.				
	2. $301 - $450/af.				
	1. >450/af.		Not applicable with this project.		N/A; Planning project that does not identify any project yield.
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.				

Project Reviewed: *Holtville Stormwater Master Plan Project*
Project Number: *38*
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 the project submittal form.		
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.				This is a planning component of overall master plans to support economic activity.
Readiness to Proceed Category					
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	
	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?***	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.		Drainage Study Report, Rancho Mira Vista Hydrology 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.				
	0. 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 Criteria					
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				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

Project Reviewed: *Holtville Stormwater Master Plan Project*
Project Number: *38*
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.				
	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?***	0		0	
	1= Yes				
	0= No		Single stakeholder group.		
4. State Program Preferences	***Does the project support meet the state preferences?***	1		1	
	1= Yes				
	0= No				Limited to stormwater management in DAC area.
5. Statewide Priorities	***Does the project support meet the statewide priorities?***	1		1	
	1= Yes				
	0= 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 vulnerability to the effects of climate change?***	0		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.		Project could help the region adapt to climate 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	
	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	
	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	*39*			
Project Title	*Holtville Stormwater Conveyance System and Detention Basin Project*			
Project 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 Quality Goal	8.5	35.4%		
3. Environmental Protection and Enhancement Goal	1	12.5%		
4. Flood Protection and Stormwater Management Goal	4	100.0%		
Strategic Considerations for IRWM Plan Implementation			4.5	2.5%
Readiness to Proceed Category			19	10.6%
Other CDWR Statewide IRWMP Criteria			14	7.8%
Total Project Score			**61**	**33.9%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	0	Not applicable or discussed in the project submittal form.	2	Project protects DAC area from stormwater and has the potential to improve quality of drain water of tributary to the Salton Sea.
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	1		1	Volume of stormwater is not identified as a source of supply to meet demands; the stormwater contribute to drain flows that flow into the Salton Sea.
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***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.				
	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.				
4. 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 federal requirements?***	0		0	
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0	Only during flooding. Unsure if there would be opportunity to re-apportion flood water from the detention basin. How would retained water be apportioned for use, if possible?	0	The Project Information indicates no change in the points of delivery from source end use; it does describe a change in timing and quality of stormwater delivered to the drain.
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	0		1	Project protects DAC area from stormwater, has the potential to improve quality of drain water of tributary to the Salton Sea, and will improve timing of urban runoff.
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

Project Reviewed:	*Holtville Stormwater Conveyance System and Detention Basin Project*
Project Number:	*39*
Project Reviewer:	*Melissa Cansdale/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?***	2		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.				Project concepts cleary identified; specific projects not listed in GP.
	0. Limited or no consistency with existing plan.				
8. Groundwater Rights.	***Will the project protect correlative groundwater rights or optimize the use of 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 opportunity by this project to sustain and protect groundwater otherwise. There could be opportunity to provide a source of water in the detention basin.		
	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.				
1. 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.				Project does not change the beneficial use of source water; it does change the timing of drain flows and has the potential to impove drain water quality.
	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 Colorado River supplies?***	1		0	
	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.		There is opportunity for bringing the community into 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 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.				
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 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?***	2		2	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

Project Reviewed:	*Holtville Stormwater Conveyance System and Detention Basin Project*
Project Number:	*39*
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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		There is opportunity to meet both of these options.		Ths project is focused on improving stormwater 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 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 impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				The improvements to habitat are identified as only potential improvements; they are not clearly identified in the Project Information.
	0. Project does not increase or improve habitat.				
2. Integrated Design Elements	***Does the project integrate environmental, open space, parks, or other recreational elements into the design to achieve multiple benefits?***	1		0	
	1. 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 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	
	2. Project would reduce economic damages, protect life and property.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				The purpose of this project is to protect a DAC area from stormwater.
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.				
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 component; based on the information found in the Project Information, a rough estimate is that it may cost a rate payer over $200 per year over a 20-year period to pay for the improvements
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not applicable.		
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.				

Project Reviewed:	*Holtville Stormwater Conveyance System and Detention Basin Project*
Project Number:	*39*
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 the project submittal form.		Project does not add a new water yield; it does require a rate payer to pay for stormwater facilities.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.		There is potential for economic benefits in the construction of the project as well as facilitating infill development and removing barriers to planned growth.		
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.				Project protects a DAC area and allows for economic development to be allowed in this area.
Readiness to Proceed Category					
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	
	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.				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 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.				
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. 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	
	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.		Financial plan appears to consist of Prop 84 or 1E funds.		
Other CDWR Statewide IRWMP Criteria					
1. Provides multiple benefits	***Does the project provide a range of supply, water quality, flood, ecosystem, conservation, recreation, or other benefits?***	1		1	
	1= Yes				Water quality improvement to drain and flood protection of DAC
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

Project Reviewed:	*Holtville Stormwater Conveyance System and Detention Basin Project*
Project Number:	*39*
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.				
	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		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 flood protection of DAC area.
5. Statewide Priorities	***Does the project support meet the statewide priorities?***	1		1	
	1= Yes				
	0= 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 vulnerability to the effects of climate change?***	1		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.		There is potential for climate change		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	
	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	
	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	*40*			
Project Title	*Holtville Sewer Master Plan/Map Update Project*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			13.5	7.5%
1. Water Supply Goal	4.5	8.8%		
2. Water Quality Goal	7	29.2%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			3	1.7%
Readiness to Proceed Category			20	11.1%
Other CDWR Statewide IRWMP Criteria			7	3.9%
Total Project Score			**43.5**	**24.2%**

Imperial IRWMP Project Review Score Sheet

January 2012

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					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	0	Not discussed on project submittal form.	1	Project is a Sewer Master Plan/Map update; since this is a planning project, it does not implement or change any water uses
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. 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 supplies.***	0	Project does not provide a firm supply. There is opportunity for the project to identify areas where conservation measures can be taken by identifying infrastructure conditions.	0	Project is a Sewer Master Plan/Map update; since this is a planning project, it does not implement or change any water uses
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***Would the project optimize and sustain use of Colorado River entitlements through development of groundwater storage of underruns?***	0	Not discussed on project submittal form.	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.				
4. 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 federal requirements?***	0	The project does not provide conservation measures, however there is opportunity to identify areas of infrastructure where conservation could apply.	0	
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0		0	
	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 Management Strategies.	***Will the project apply or integrate Resource Management Strategies?***	0	This project includes opportunities for pollution prevention and conveyance improvement.	0	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				
	0. Less than three RMS.				

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					
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		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.				
	0. Limited or no consistency with existing plan.		General Plan		
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.		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.				
1. 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.				Project is a planning project, focused on sewer master plan/map update. Future identified and implemented projects may make use of poor quality water or have a benefical use.
	0. Project would not make beneficial use of poor quality water source water or provide economic benefits.		Not applicable with this project.		
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 Colorado River supplies?***	1		1	
	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.				This project helps with a planning step towards compliance requirements, however, it is not an implementation or construction of facilities that would produce recycled water or reuse opportunities to extend CO 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.		This project could identify where the existing infrastructure is out of compliance and could create an economy of scale if infrastructure is updated.		
3. Support DACs- Drinking Water	***Would the project support DACs in meeting drinking water standards, protecting public health, or creating economies of scale?***	1		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.		There may be opportunity to assist in creation of an economic boost if existing infrastructure conditions are poor and require fixing, however the project itself does not provide that.		
	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 rivers.				
	0. Project could have impacts on water quality of drains or rivers.		Project could benefit water quality by identifying areas of aging or sub-par infrastructure.		It is a planning step towards potential benefit of 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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

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					
Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
	1. Improves compliance with established TMDLs or implement stormwater BMPs.				
	0. 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		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.				
	0. Project would not improve groundwater quality or could have potentially significant 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.				
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.				
	0. 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 elements into the design to achieve multiple benefits?***	0		0	
	1. Integrates multiple design elements to provide multiple benefits.				
	0. Does not integrate multiple design elements or provide multiple benefits.		Not applicable with this project.		
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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or 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.				
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.				
	2. $301 - $450/af.				Since this is a planning project only for a sewer master plan/map udate, it is roughly estimated to cost each household $43.57.
	1. >450/af.		Not applicable with this project.		
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.				

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					
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 effort to help maintain complince with sewer requirements.
	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 Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				
	0. Limited or no potential for contributing to economic activity, creating jobs, revenue generation. No solid documentation.		The project itself does not, however it could identify projects based on infrastructure conditions that could provide a contribution to economic activity.		Project helps plan for future sewer improvements.
Readiness to Proceed Category					
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	
	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?***	0		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.		Not applicable with this project. The project would be an update of an existing document and therefore requires no new technical feasibility documentation.		
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	0		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.				
	0. There are no studies or completed environmental documentation.		Not applicable with this project. 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.		Project hopes to obtain Prop 84/1E funds.		Project Information incidates funding sourse is limited to DAC rate payers.
Other CDWR Statewide IRWMP Criteria					
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				
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

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					
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?***	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	
	1. Project would help the region adapt to climate change and reduce the vulnerability to the effects of climate change.		There is potential for this project to support an adaptation to climate change by highlighting areas of infrastructure that could be updated to be more efficient.		
	0. Project would not help the region adapt to climate change or reduce the vulnerability to the effects of climate change.				Minimal help or affect in adapting to climate change.
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 - 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	*41*			
Project Title	*Drainage Improvements in the Township of Seeley; County Project No. 5363*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			20.5	11.4%
1. Water Supply Goal	9	17.6%		
2. Water Quality Goal	7.5	31.3%		
3. Environmental Protection and Enhancement Goal	0	0.0%		
4. Flood Protection and Stormwater Management Goal	4	100.0%		
Strategic Considerations for IRWM Plan Implementation			7.5	4.2%
Readiness to Proceed Category			23.5	13.1%
Other CDWR Statewide IRWMP Criteria			6	3.3%
Total Project Score			**57.5**	**31.9%**

Imperial IRWMP Project Review Score Sheet

January 2012

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

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	2		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				
	1. Some impacts and no benefits to agricultural water supplies.				
	0. 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 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		1	
	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. 0 to 5000 acre feet; yield or limited ability to firmly define.		Not applicable to this project.		Volume of stormwater is not identified as a recycled source of supply to meet demands; the stormwater is presenlty a nuisance within the community and the drainage infrastruture would safely convey it thru the community. The discharge point of the stormwater is not identified in the Project Information. This project would reduce the cost of vector control and ensure revenue is not lost from missing school attendance.
3. Protect Surface Water Rights, maintain Colorado River yields.	***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.				
	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.				
4. 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 federal requirements?***	0		0	
	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.				
	0. 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 substitution for Colorado River Water.	***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 Region?***	0		0	
	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 describe a change in how stormwater would be handled within the community.
	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?***	0		1	
	2. Integrates five or more RMS.				
	1. Integrates 3-5 RMS.				Project protects DAC area from stormwater, will reduce vector control costs, and will improve road walking paths and safety of kids to get to school.
	0. Less than three RMS.				

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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		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.				
	0. 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.				
1. Match Water Quality to use.	***Would the project make beneficial use of poor quality water and provide economic benefits?***	1		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.				Project does not change the beneficial use of source water; it would provide an improvement to the local economy by lowering vector control costs and increasing school attendance.
	0. Project would not make beneficial use of poor quality water source water or provide economic benefits.		Project could 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 Colorado River supplies?***	0		0	
	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 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.				
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 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	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

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Criteria	**Question/Performance Measures**	**Reviewer**	**Reviewer**	**Reviewer**	**Reviewer**
	1. Improves compliance with established TMDLs or implement stormwater BMPs.		Purpose of project is for flood/stormwater management and has potential to improve compliance, although not necessarily stated.		Based on the type of project, improvements to storm drainage, this would implement a stormwater BMP although not discussed directly in the Project Information.
	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 quality.				
	0. Project would not improve groundwater quality or could have potentially significant impacts to existing water quality.				
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				Improvements to habitat are not identified in the Project Information.
	0. Project does not increase or improve habitat.				
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	
	1. 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 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	
	2. Project would reduce economic damages, protect life and property.				
	1. 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 stormwater, and reduce economic damage from storm events.
	0. Project could increase economic damages or result in potential impacts to life or 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?***	2		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.				
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 component; based on the information found in the Project Information, a rough estimate is that it may have a benefit cost ratio of 1.78. A statement is contained in the Project Information regarding costs; useful life of project is 50-years.
	4. < $150/af.				
	3. $151 to $300/af.				
	2. $301 - $450/af.				
	1. >450/af.		Not applicable to this project.		
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.				

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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 applicable to this project.		Project does not add a new water yield; it does require a rate payer to pay for stormwater facilities.
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.		Prevents economic damages to an area.		Project protects a DAC area and helps economy of this area.
Readiness to Proceed Category					
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.				
	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 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.		Design documentation was not provided. Project description; environmental questionnaire; benefit-cost analysis report; and Seeley Area Drainage Master Plan, all of which are a part of the Hazard Mitigation Grant Program (HMGP) application submitted under FEMA's DR-1911.		
	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?***	0		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.				
	0. 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 and operations.				Request will be made for Prop 1E funds to match potential FEMA funds.
Other CDWR Statewide IRWMP Criteria					
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 community.
	0= No				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		0	

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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?***	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 area.
5. Statewide Priorities	***Does the project support meet the statewide priorities?***	1		1	
	1= Yes				
	0= No				Project involves storm water protection of DAC area.
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	
	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.				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	
	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	
	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	*46*			
Project Title	*Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton Sea Water Qu*			
Project Review Criteria, Distribution of Available Points	**Subtotal Goals**	**% of Goals**	**Total points**	**% of Total**
IRWMP Goals			34	18.9%
1. Water Supply Goal	15	29.4%		
2. Water Quality Goal	9	37.5%		
3. Environmental Protection and Enhancement Goal	8	100.0%		
4. Flood Protection and Stormwater Management Goal	2	50.0%		
Strategic Considerations for IRWM Plan Implementation			11.5	6.4%
Readiness to Proceed Category			21.5	11.9%
Other CDWR Statewide IRWMP Criteria			14.5	8.1%
Total Project Score			**81.5**	**45.3%**

Imperial IRWMP Project Review Score Sheet

January 2012

Project Reviewed: *Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton*
Project Number: *46*
Project Reviewer: *Melissa Cansdale/Sam Schaeffer Combo*

Imperial IRWMP Project Evaluation and Ranking Criteria					
Criteria	**Question/Performance Measures**	**Reviewer Score**	**Reviewer Comments**	**Reviewer Score**	**Reviewer 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 water.	***Does the project have an effect to water supplies historically available to agriculture?***	2		1	
	2. No impacts and clearly defined benefits to agricultural water supplies.				The project, once operational, would require a supply or water; it is stated in the Project Information this may be from IID irrigation water.
	1. 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 supplies.***	1		0	
	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 submital form; this project is more of a new use, reuse, or use of treated water that is reclaimed.
	1. 0 to 5000 acre feet; yield or limited ability to firmly define.				
3. Protect Surface Water Rights, maintain Colorado River yields.	***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.				
	1. 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, reuse, or reclaimed water; storage is accomplished in the CO River System.
	0. The project is not, does not, and could not include aspects of storage or use of Colorado River Supply.				
4. 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 federal requirements?***	1		1	
	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.				The Project would conserve local water by reuse or by making use of water the is from reclaimed supply.
	0. 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 substitution for Colorado River Water.	***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 Region?***	0		0	
	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.				See previous question comment.
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.				

Project Reviewed:	*Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton*
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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.				
	1. Moderate degree of consistency. Project concepts identified in GP or other plan.				
	0. Limited or no consistency with existing plan.				
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.				If project relies on reuse or reclaimed water, may bennefit GW. If project uses water form exisitn IID Irr water, then it may be a competing use and impact overdraft.
	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.				
1. 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 has been treated/reclaimed and it would provide some level of economic benefit.
	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 Colorado River supplies?***	0		0	
	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.				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 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.				
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 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?***	0		0	
	2. Improves compliance with established TMDLs and implement stormwater BMPs.				

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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.				
	0. Does not help meet established TMDLs and does not implement stormwater BMPs.		Not provided on project submittal form.		
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 quality.				
	0. 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 of a supply or reuse of reclaimed water.
Environmental Protection and Enhancement Goal	Protect and enhance aquatic ecosystems and wildlife habitat consistent with municipal, 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.				
	0. 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 elements into the design to achieve multiple benefits?***	1		1	
	1. 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 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.				
	1. Projects would not reduce economic damages or protect life and property.				
	0. Project could increase economic damages or result in potential impacts to life or property.				Project stated purpose is primarily for growth of Microalgal, not flood retention.
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.				
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.				
	2. $301 - $450/af.				
	1. >450/af.		Not applicable		No cost per af of water yield provided in Project information. It is possible the project pays for the water it receives, therefore, a higher score was 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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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.				Since all identified funding is for a development of Microalgal site, and it is requested as a grant with some local cost share, some small effect on current rate base.
	0. Costs for new water and programs distributed to new and existing rate payers in roughly equal proportions.		Not applicable		
4. Promote Economic Development	***Does the project provide measurable economic benefits to Imperial Region in terms of net 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.				Project information states potential for positive economic activity.
Readiness to Proceed Category					
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		2	
	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.				Project sponsor is ready, funding is not in place; IID will offer in-kind services in support of the project.
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 is to advance a demonstration level site to a larger-scale.
3. Environmental Compliance	***Does the project have environmental documentation and clearance?***	2		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.				
	0. There are no studies or completed environmental documentation.				
4. Permitting	***Does the project have permits or a plan to obtain permits?***	2		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		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.		Seeking Prop 84/1E funds		Statement of a local cost match and proposed budget, but no documented funding source.
Other CDWR Statewide IRWMP Criteria					
1. 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				
2. Involves multiple participants and stakeholders	***Does the project include multiple stakeholders and participants?***	0		1	

Project Reviewed: *Large-Scale Microalgal Cultivation on Recently-Exposed Playa Lands for Improving Salton*
Project Number: *46*
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.				
	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				
	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		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	
	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		1	
	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 biogas for electricity and biofuel for vehicles or to run generators.
	0. The project does not support the expansion of renewable energy in the Region or state.				

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IMPERIAL IRWMP

INTEGRATED REGIONAL WATER MANAGEMENT PLAN

For additional information see the Imperial IRWMP web site:
http://www.imperialirwmp.org





GEI Consultants