

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	
			Subtotal	Subtotal	Subtotal	Subtotal	Subtotal	% of Total	Subtotal	% of Total	Subtotal	% of Total	Subtotal	% of Total	Subtotal	% of Total
<i>Maximum Possible Points</i>			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%