

## **Poso Creek Integrated Regional Water Management (IRWM) Group Report Card Summary**

The Historical Project and Program Report List (List) and Report Card on the following pages identify and categorize accomplishments that have occurred since the formation of the IRWM Group. All items are differentiated between structural “projects” (e.g., conveyance and infrastructure enhancements) and non-structural “programs” (e.g. planning and management documents, and grant funding applications).

The List contains completed project costs and some estimates of activity that has occurred, to capture funding over time for the IRWM-related activities and the accomplishments. It also contains activities specifically related to on-going IRWM coordination and completion of DWR’s IRWM eligibility requirements, applications for special planning studies and implementation grants, and project implemented with local, state, and federal funding.

The regional approach taken by the IRWM Group has led to the successful completion of approximately \$82 million in planning, project (structural) and program (non-structural) implementation activities to enhance water resources management and thereby mitigate the actual and anticipated reductions to surface water supplies delivered to the region. These efforts have helped to increase water use effectiveness in the region through greater absorption and groundwater recharge and have helped to alleviate some of the water resources issues that are otherwise unresolvable and unmanageable under an individualized district planning focus. The IRWM Group will continue to explore and develop new projects and programs, with the intent on maintaining their success, by actively applying for local, State, and Federal grant opportunities when made available.

**Poso Creek IRWM Project and Program Report List**

Page 1 of 3

Category (for historical reference):

1. Planning and IRWM Compliance
2. Community, Industrial, and Environmental-Specific
3. Regional Projects and Programs

Year(s)	Activity Title	Activity Type	Category	Purpose	Applicant	Measurable Objective(s)*	IRWM-Based Support	Applicant(s) Share	Applicant %	State Grant Share	State Grant %	Federal Grant Share	Federal Grant %	Total Cost(s)
2006-2007	Poso Creek IRWM Plan	Program (Planning)	1	Prop 50 Planning	IRWM Group	Objectives Defined		\$214,600	30%	\$499,435	70%	\$0	0%	\$714,035
2007	Implementation Grant App	Program (Grant App)	1	Prop 50 Planning	IRWM Group	B, C, E, F, K, L		\$30,000	100%	\$0	0%	\$0	0%	\$30,000
2007	SOR Planning Grant App	Program (Grant App)	1	Reclamation Programs	IRWM Group	B, E, F, I, K, L		\$25,000	100%	\$0	0%	\$0	0%	\$25,000
2007	Groundwater Monitoring Improvement Project	Project	3	Local Groundwater Assistance	Semitropic	B, F, G, K, L, M		\$0	0%	\$250,000	100%	\$0	0%	\$250,000
2008-2010	Institutional Agreements	Program (Planning)	3	System Optimization Review	IRWM Group	B, E, F, I, K, L		\$0	0%	\$0	0%	\$300,000	100%	\$300,000
2009	Governance MOU Development	Program (Planning)	1	IRWM Guidelines	RWMG	M, N		\$3,600	100%	\$0	0%	\$0	0%	\$3,600
2009	Region Acceptance Process - I	Program (Planning)	1	IRWM Guidelines	IRWM Group	E, F, K, L, M, N		\$57,343	100%	\$0	0%	\$0	0%	\$57,343
2009	RWMG Activity and Regional GW Bank CEQA	Program (Planning)	3	Groundwater Banking/Permitting	IRWM Group	B, C, E, F, K, L		\$64,879	100%	\$0	0%	\$0	0%	\$64,879
2010	Governance MOU Review	Program (Planning)	1	IRWM Guidelines	RWMG	M, N		\$2,888	100%	\$0	0%	\$0	0%	\$2,888
2010	SOR Application	Program (Planning)	1	Reclamation Programs	IRWM Group	E, I, K, L		\$19,335	100%	\$0	0%	\$0	0%	\$19,335
2010	RWMG Activity -Regional GW Bank Env Doc and RAP II	Program (Planning)	3	IRWM Guidelines	IRWM Group	C, D, E, G, K, L, M, N		\$121,234	100%	\$0	0%	\$0	0%	\$121,234
2010	Regional GW Bank EA	Program (Planning)	3	Groundwater Banking/Permitting	RWMG	C, D, E, G, K, L, M, N		\$19,163	100%	\$0	0%	\$0	0%	\$19,163
2010 - 2011	Rural Water Supply Application	Program (Grant App)	2	Reclamation Programs	IRWM Group	I, K, L		\$16,482	100%	\$0	0%	\$0	0%	\$16,482
2010 - 2011	Prop 84, Rnd1 Imp App	Program (Grant App)	1	Prop 84 Planning	IRWM Group	All Objectives		\$148,760	100%	\$0	0%	\$0	0%	\$148,760
2010 - 2011	Urban Water Management Plans <sup>1</sup>	Program (Planning)	2	DWR Requirement	Cities of Delano, Shafter, and Wasco	E, F, G, J, M, N		\$100,000	100%	\$0	0%	\$0	0%	\$100,000
2011	RWMG Activity	Program (Planning)	1	IRWM Guidelines	IRWM Group	B, C, D, E, J, K, L, M, N		\$39,683	100%	\$0	0%	\$0	0%	\$39,683
2012	Regional GW Bank EA	Program (Planning)	3	Groundwater Banking/Permitting	IRWM Group	C, D, E, G, K, L, M, N		\$21,000	100%	\$0	0%	\$0	0%	\$21,000
2012	RWMG Activity	Program (Planning)	1	IRWM Guidelines	RWMG	B, C, D, E, J, K, L, M, N		\$9,560	100%	\$0	0%	\$0	0%	\$9,560
2012	Planning Grant App	Program (Grant App)	1	Prop 84 Planning	IRWM Group	All Objectives		\$26,057	100%	\$0	0%	\$0	0%	\$26,057
2012	Regional GW Bank EA	Program (Planning)	3	Groundwater Banking/Permitting	RWMG	C, D, E, G, K, L, M, N		\$1,625	100%	\$0	0%	\$0	0%	\$1,625
2012	LGA Grant to North Kern	Program (Planning)	3	Local Groundwater Assistance	IRWM Group	B, F, K, L, M		\$25,000	11%	\$200,000	89%	\$0	0%	\$225,000
2012	CASGEM <sup>1</sup>	Program	1	DWR Requirement	RWMG	B, F, G, K, L, M		\$60,000	100%	\$0	0%	\$0	0%	\$60,000
2013	RWMG Activity	Program (Planning)	1	IRWM Guidelines	RWMG	B, C, D, E, J, K, L, M, N		\$21,374	100%	\$0	0%	\$0	0%	\$21,374
2013	Prop 84 Plan Update Prep	Program (Planning)	1	Prop 84 Planning	IRWM Group	Objectives Defined		\$28,687	100%	\$0	0%	\$0	0%	\$28,687
2013	Poso Imp Rnd2 App	Program (Grant App)	1	Prop 84 Planning	IRWM Group	All Objectives		\$50,000	100%	\$0	0%	\$0	0%	\$50,000
2013	SJR Rest - Madera Ave Intertie App	Program (Grant App)	3	Reclamation Programs	Shafter-Wasco	C, D, E, G, H, K, L		\$38,231	100%	\$0	0%	\$0	0%	\$38,231
2013 - 2014	Ag Water Management Plans <sup>1</sup>	Program (Planning)	1	DWR Requirement	Semitropic, North Kern, and Cawelo	E, F, G, I, M, N		\$50,000	33%	\$100,000	67%	\$0	0%	\$150,000

<sup>1</sup> Activity uses estimated figures based on type and similarities to previous activities.

<sup>2</sup> Information for activity not yet obtained from applicant.

\* Measurable Objectives from Plan applied to historical projects and programs retroactively.

**Poso Creek IRWM Project and Program Report List**

Page 2 of 3

Category (for historical reference):

- 1. Planning and IRWM Compliance
- 2. Community, Industrial, and Environmental-Specific
- 3. Regional Projects and Programs

Year(s)	Activity Title	Activity Type	Category	Purpose	Applicant	Measurable Objective(s)*	IRWM-Based Support	Applicant(s) Share	Applicant %	State Grant Share	State Grant %	Federal Grant Share	Federal Grant %	Total Cost(s)
2011 - 2015	Ag Water Conservation Plans <sup>1</sup>	Program (Planning)	1	Reclamation Programs	Kern-Tulare and Shafter-Wasco	E, F, G, I, M, N		\$30,000	100%	\$0	0%	\$0	0%	\$30,000
2013 - 2014	Stored Water Recovery Unit - Habitat Conservation Plan <sup>2</sup>	Program (Planning)	2	Groundwater Banking/Permitting	Semitropic	C, D, E, F, I, K, L, M		\$0	0%	\$0	0%	\$0	0%	\$0
2012 - 2015	Irrigated Lands Waiver and Central Valley Salts <sup>2</sup>	Program (Planning)	3	DWR Requirement	Districts in Kern County	E, F, G, I, M, N		\$0	0%	\$0	0%	\$0	0%	\$0
2014	Prop 84 Plan Update <sup>1</sup>	Program (Planning)	1	Prop 84 Planning	IRWM Group	Objectives Defined		\$150,000	100%	\$0	0%	\$0	0%	\$150,000
2010	Water Meter Installation in Wasco <sup>2</sup>	Project	2	DAC Assistance	City of Wasco	J, K, L, M		\$0	0%	\$0	0%	\$0	0%	\$0
2010	Wastewater Treatment Plant Improvements in Buttonwillow	Project	2	DAC Assistance	Community of Buttonwillow	G, J, K, L		\$722,012	25%	\$2,000,000	70%	\$144,800	5%	\$2,866,812
2011	Extend Shafter Wastewater Collection System to North Shafter	Project	2	DAC Assistance	Community of North Shafter	G, J, K, L		\$0	0%	\$1,925,000	100%	\$0	0%	\$1,925,000
2011	Maple School Water Consolidation	Project	2	DAC Assistance	Maple School District	G, J, K, L		\$0	0%	\$551,113	100%	\$0	0%	\$551,113
2013	Habitat Improvement on Pond-Poso Spreading Basins	Project	2	General Resource Stewardship	Semitropic	I, K, L	Yes	\$37,700	50%	\$37,300	50%	\$0	0%	\$75,000
2013	DAC Feasibility Level Study - Assessment	Program (Planning)	2	DAC Assistance	Community of Allensworth	J, K, L	Yes	\$0	0%	\$50,000	100%	\$0	0%	\$50,000
2013	DAC Feasibility Level Study - Assessment and Design	Program (Planning)	2	DAC Assistance	Lost Hills Utility District	J, K, L	Yes	\$0	0%	\$75,000	100%	\$0	0%	\$75,000
2013	Consolidation of Bishop Acres into City of Shafter Water Supply System	Project	2	DAC Assistance	Community of Bishop Acres	G, J, K, L	Yes	\$30,000	7%	\$431,344	93%	\$0	0%	\$461,344
2013	North Shafter Sewer Service Connections	Project	2	DAC Assistance	Community of North Shafter	G, J, K, L	Yes	\$23,000	5%	\$481,900	95%	\$0	0%	\$504,900
2013+	On-Farm Mobile Lab, Water use-Efficiency Services	Project	2	Water Conservation	North West Kern RCD	C, E, K, L	Yes	\$154,000	65%	\$82,400	35%	\$0	0%	\$236,400
2013	Meter Installation in DAC Service Area	Project	2	DAC Assistance	City of Shafter	J, K, L, M	Yes	\$50,100	22%	\$174,856	78%	\$0	0%	\$224,956
2006	Frian-Kern Turnout No. 1 & Deep Wells	Project	3	Conveyance/Infrastructure	North Kern	C, D, E, G, K, L		\$933,000	45%	\$1,131,000	55%	\$0	0%	\$2,064,000
2007	P-1030 In-Lieu Service Area	Project	3	Groundwater Banking/Permitting	Semitropic	A, C, D, E, H, K, L		\$13,725,000	100%	\$0	0%	\$0	0%	\$13,725,000
2007	P-565 In-Lieu Service Area	Project	3	Groundwater Banking/Permitting	Semitropic	A, C, D, E, H, K, L		\$15,550,000	100%	\$0	0%	\$0	0%	\$15,550,000
2009	P-1030 Extension	Project	3	Groundwater Banking/Permitting	Semitropic	A, C, D, E, H, K, L		\$600,000	100%	\$0	0%	\$0	0%	\$600,000
2010	Conservation Improvements for Return of Banked Water <sup>1</sup>	Project	3	Groundwater Banking/Permitting	Semitropic	C, D, E, H, L	K	\$350,000	54%	\$0	0%	\$300,000	46%	\$650,000
2007 - 2011	Pond-Poso Spreading and Recovery Facility - Permitting, Env Doc, Spreading Basins and Conveyance Structures	Project	3	Conveyance/Infrastructure	Semitropic	C, D, E, G, H, K, L		\$4,423,000	68%	\$0	0%	\$2,050,000	32%	\$6,473,000
2011	Friant Kern Canal 400 CFS Turnout No. 2	Project	3	Conveyance/Infrastructure	North Kern	C, D, E, H, L	K	\$606,000	67%	\$0	0%	\$300,000	33%	\$906,000
2011	South Intertie between North Kern and Shafter-Wasco	Project	3	Conveyance/Infrastructure	Shafter-Wasco	C, D, E, H, L	K	\$296,076	50%	\$0	0%	\$296,076	50%	\$592,152
2011	Turnipseed GW Banking Enhancement along White River	Project	3	Groundwater Banking/Permitting	Delano-Earlimart	C, D, E, H, L	K	\$2,000,000	56%	\$0	0%	\$1,550,000	44%	\$3,550,000

<sup>1</sup> Activity uses estimated figures based on type and similarities to previous activities.

<sup>2</sup> Information for activity not yet obtained from applicant.

\* Measurable Objectives from Plan applied to historical projects and programs retroactively.

**Poso Creek IRWM Project and Program Report List**

Page 3 of 3

Category (for historical reference):

1. Planning and IRWM Compliance
2. Community, Industrial, and Environmental-Specific
3. Regional Projects and Programs

Year(s)	Activity Title	Activity Type	Category	Purpose	Applicant	Measurable Objective(s)*	IRWM-Based Support	Applicant(s) Share	Applicant %	State Grant Share	State Grant %	Federal Grant Share	Federal Grant %	Total Cost(s)
2011	Calloway Canal to Lerdo Canal Intertie <sup>1</sup>	Project	3	Conveyance/Infrastructure	North Kern and Cawelo	A, C, D, E, H, K, L		\$6,000,000	55%	\$0	0%	\$5,000,000	45%	\$11,000,000
2012	North Intertie between North Kern and Shafter-Wasco	Project	3	Conveyance/Infrastructure	Shafter-Wasco	C, D, E, H, L, K		\$501,302	63%	\$0	0%	\$296,490	37%	\$797,792
2011 - 2012	Groundwater Bank Improvements in Northwestern Kern County	Program (Planning)	1	Groundwater Banking/Permitting	Semitropic	A, C, D, E, H, K, L		\$1,000,000	52%	\$0	0%	\$917,000	48%	\$1,917,000
2012 - 2014	Pilot Arsenic Treatment Plant <sup>2</sup>	Project	3	Local Groundwater Assistance	Semitropic	G, I, K, L		\$0	0%	\$0	0%	\$0	0%	\$0
2012	Bay-Delta Ag Water Use Efficiency, NRCS on-farm funding	Project	3	General Resource Stewardship	Semitropic	I, K, L		\$0	0%	\$0	0%	\$1,000,000	100%	\$1,000,000
2011 - 2013	Ag WUE On-Farm Mobile Lab Services	Project	3	General Resource Stewardship	North West Kern RCD	I, K, L		\$154,000	65%	\$82,400	35%	\$0	0%	\$236,400
2013	Cross Valley Canal to Calloway Canal Intertie	Project	3	Conveyance/Infrastructure	North Kern and Cawelo	A, C, D, E, H, K, L	Yes	\$4,913,700	42%	\$6,882,200	58%	\$0	0%	\$11,795,900
2012-2014	Bay-Delta Ag Water Use Efficiency	Project	3	Conveyance/Infrastructure	Semitropic	C, E, I, K, L		\$763,470	52%	\$0	0%	\$711,170	48%	\$1,474,640
2013 - 2016	SWRU - HCP <sup>2</sup>	Program (Planning)	3	General Resource Stewardship	Semitropic	I, L, M		\$0	0%	\$0	0%	\$0	0%	\$0

<sup>1</sup> Activity uses estimated figures based on type and similarities to previous activities.

<sup>2</sup> Information for activity not yet obtained from applicant.

\* Measurable Objectives from Plan applied to historical projects and programs retroactively.

# Poso Creek IRWM Report Card

Page 1 of 1

Report Card Generated on: 5/30/2014

Based on Activity Type	Total Cost(s)	Percent of Costs	Number	Percent
Program	\$60,000.00	0.1%	1	1.7%
Program (Grant App)	\$334,530.00	0.4%	7	11.7%
Program (Planning)	\$4,121,406.00	5.0%	26	43.3%
Project	\$77,510,409.00	94.5%	26	43.3%
<b>Total</b>	<b>\$82,026,345.00</b>		<b>60</b>	

Based on Year	Total Cost(s)	Percent of Costs	Number	Percent
2006	\$2,778,035.00	3.4%	2	3.3%
2007	\$36,053,000.00	44.0%	6	10.0%
2008	\$300,000.00	0.4%	1	1.7%
2009	\$725,822.00	0.9%	4	6.7%
2010	\$3,944,674.00	4.8%	10	16.7%
2011	\$20,747,348.00	25.3%	10	16.7%
2012	\$3,615,674.00	4.4%	11	18.3%
2013	\$13,711,792.00	16.7%	15	25.0%
2014	\$150,000.00	0.2%	1	1.7%
<b>Total</b>	<b>\$82,026,345.00</b>		<b>60</b>	

Based on Category	Total Cost(s)	Percent of Costs	Number	Percent
1. Planning and IRWM Compliance	\$3,483,322.00	4.2%	19	31.7%
2. Community, Industrial, and Environ...	\$7,087,007.00	8.6%	14	23.3%
3. Regional Projects and Programs	\$71,456,016.00	87.1%	27	45.0%
<b>Total</b>	<b>\$82,026,345.00</b>		<b>60</b>	

Based on Purpose (as stated)	Total Cost(s)	Percent of Costs	Number	Percent
Conveyance/Infrastructure	\$35,103,484.00	42.8%	8	13.3%
DAC Assistance	\$6,659,125.00	8.1%	9	15.0%
DWR Requirement	\$310,000.00	0.4%	4	6.7%
General Resource Stewardship	\$1,311,400.00	1.6%	4	6.7%
Groundwater Banking/Permitting	\$36,098,667.00	44.0%	11	18.3%
IRWM Guidelines	\$255,682.00	0.3%	7	11.7%
Local Groundwater Assistance	\$475,000.00	0.6%	3	5.0%
Prop 50 Planning	\$744,035.00	0.9%	2	3.3%
Prop 84 Planning	\$403,504.00	0.5%	5	8.3%
Reclamation Programs	\$129,048.00	0.2%	5	8.3%
System Optimization Review	\$300,000.00	0.4%	1	1.7%
Water Conservation	\$236,400.00	0.3%	1	1.7%
<b>Total</b>	<b>\$82,026,345.00</b>		<b>60</b>	

Based on Funding Support	Total Cost(s)	Percent of Costs	Number <sup>1</sup>	Percent <sup>2</sup>
Applicant Share	\$54,206,861.00	66.1%	48	80.0%
State IRWM Grant Support (DWR)	\$8,215,000.00	10.0%	8	13.3%
Other State Grant Support (DWR)	\$6,738,948.00	8.2%	9	15.0%
Federal Grant Support (USBR)	\$12,865,536.00	15.7%	12	20.0%
<b>Total</b>	<b>\$82,026,345.00</b>		<b>60</b>	

<sup>1</sup> Split funding shares are counted individually, represents total number of activities supported.

<sup>2</sup> Percentage of total number of activities that funding source was involved with.