



2009 Capital Budget Division Summary

Expenses Division Summary_CapitalMultiYear_Prompt
Version: Final

	2009 Budget
7XX114 PRJ - Don Pedro Recreation Agency	72,400
CAP - 8030 CAP - Water Use, Planning & Conservation	72,400
709680 PRJ - Replace Tractor #194	65,000
709681 PRJ - Lat 7 & Lat 3 Interconnection	156,085
709682 PRJ - Mini Excavator (CAT 308 or equivalent) with Rubber Track	95,000
709683 PRJ - Power Line for Lat 7 Pump Back	90,000
709684 PRJ - SCADA & Remote Monitoring	40,000
7XX115 PRJ - District Pipeline Replacement	80,000
709685 PRJ - Replace Pipe Truck 172	70,000
709116 PRJ - Pump Replacement	35,000
7XX117 PRJ - Replace Gate Actuators	18,000
7XX118 PRJ - Overpour Weirs	12,500
708565 PRJ - Highline Pipe Replacement	70,000
CAP - 8040 CAP - Irrigation Services	731,585
CAP - 80 CAP - WATER OPERATIONS DIVISION	\$803,985



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 7XX114

Department: 8030 Water Use, Planning & Conservation
Project Title: PRJ - Don Pedro Recreation Agency

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	68,500	Labor & Benefits	0
Estimated Year End Totals	68,500	Materials & Supplies	0
Authorized Amount to be Carried Over	0	Outside Services	72,400
Additional Amount Requested in Current Budget	72,400	Seminars & Meetings	0
Total Budget to be Expended in Current Year	72,400	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	227,300	MID Equipment	0
Total Project Budget Inception to Completion	368,200	Totals	72,400

Project Description The DPRA capital budget of \$450 000 has been approved by the Don Pedro Board of Control.

Project Justification The Don Pedro Reservoir operating agreement specifies that MID TID and the City and County of San Francisco share the DPRA capital costs.

Applicable Policy FERC states MID TID and the CCSF are responsible for the capital expenditures of the DPRA facility improvements.



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709680

Department: 8040 Irrigation Services
Project Title: PRJ - Replace Tractor #194

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	0
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	65,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	65,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	65,000
Total Project Budget Inception to Completion	65,000	Totals	65,000

Project Description Industrial tractor with enclosed cab and 4x4 580 case or equivalent

Project Justification Due to age and mileage maintenance is excessive.

Applicable Policy Vehicle Replacement Policy



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709681

Department: 8040 Irrigation Services
Project Title: PRJ - Lat 7 & Lat 3 Interconnection

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	73,085
Estimated Year End Totals	0	Materials & Supplies	75,500
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	156,085	Seminars & Meetings	0
Total Budget to be Expended in Current Year	156,085	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	7,500
Total Project Budget Inception to Completion	156,085	Totals	156,085

Project Description Install 3200 27" PVC connection between Lateral 7 and Lateral 3 below Gates Rd.

Project Justification Will allow shifting flows between Lateral 7 and Lateral 3. This will increase our ability to serve demands below Gates Rd and reduce operational over flows from Lateral 7.

Applicable Policy Irrigation Master Plan and CWRMP



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709682

Department: 8040 Irrigation Services
Project Title: PRJ - Mini Excavator (CAT 308 or equivalent) with Rubber Track

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	0
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	95,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	95,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	95,000
Total Project Budget Inception to Completion	95,000	Totals	95,000

Project Description Mini Excavator (CAT 308 or equivalent) with Rubber Track

Project Justification Beneficial for canal maintenance including weed removal. Will eliminate rental costs.

Applicable Policy Customer Service.



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709683

Department: 8040 Irrigation Services
Project Title: PRJ - Power Line for Lat 7 Pump Back

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	0
Authorized Amount to be Carried Over	0	Outside Services	90,000
Additional Amount Requested in Current Budget	90,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	90,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	90,000	Totals	90,000

Project Description Install a power line to operate the Pump Back system being installed on Lateral 7.

Project Justification Installation of the Lateral 7 pump back system would enhance the delivery of water to Irrigation customers

Applicable Policy Irrigation Master Plan and CWRMP



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709684

Department: 8040 Irrigation Services
Project Title: PRJ - SCADA & Remote Monitoring

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	40,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	40,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	40,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	40,000	Totals	40,000

Project Description Expand SCADA monitoring on the lower laterals.

Project Justification Monitoring water deliveries to the lower ends of these laterals. Will improve water delivery and efficiency.

Applicable Policy Irrigation Master Plan



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 7XX115

Department: 8040 Irrigation Services
Project Title: PRJ - District Pipeline Replacement

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	70,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	80,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	80,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	320,000	MID Equipment	10,000
Total Project Budget Inception to Completion	400,000	Totals	80,000

Project Description Ongoing District pipeline replacement program.

Project Justification Scheduled replacement of aging concrete pipelines.

Applicable Policy Irrigation Master Plan



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709685

Department: 8040 Irrigation Services
Project Title: PRJ - Replace Pipe Truck 172

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	70,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	70,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	70,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	70,000	Totals	70,000

Project Description Replace Pipe Crew Truck 172

Project Justification Due to age and excessive mileage.

Applicable Policy Vehicle Replacement Policy



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 709116

Department: 8040 Irrigation Services
Project Title: PRJ - Pump Replacement

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	35,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	35,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	35,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	70,000	MID Equipment	0
Total Project Budget Inception to Completion	105,000	Totals	35,000

Project Description Ongoing District oil-lubed pump upgrade program.

Project Justification Enhancement of irrigation delivery system by planned upgrade from water-lubed to oil-lubed pumps.

Applicable Policy Irrigation Master Plan, pump automation system.



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 7XX117

Department: 8040 Irrigation Services
Project Title: PRJ - Replace Gate Actuators

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	15,500
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	18,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	18,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	2,500
Total Project Budget Inception to Completion	18,000	Totals	18,000

Project Description Replace obsolete chain drive canal gate controls with hydraulic actuators at various diversion points.

Project Justification Hydraulic gate actuators will improve control reliability and measurement accuracy.

Applicable Policy MID Business Plan: Maintain a reliable water distribution system; Irrigation Mission Statement



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 7XX118

Department: 8040 Irrigation Services
Project Title: PRJ - Overpour Weirs

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	25,000	Labor & Benefits	0
Estimated Year End Totals	25,000	Materials & Supplies	10,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	12,500	Seminars & Meetings	0
Total Budget to be Expended in Current Year	12,500	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	25,000	MID Equipment	2,500
Total Project Budget Inception to Completion	62,500	Totals	12,500

Project Description Upgrade existing overpour weir system by replacing 2 existing weir board structures a year with long crested weirs or upstream level control gates.

Project Justification Ongoing program for delivery system improvement. Long crested weirs and upstream level control gates; control canal levels; and greatly improve water delivery; efficiency and reliability.

Applicable Policy Irrigation Master Plan



2009 Capital Budget *Project Detail*

Division: WATER OPERATIONS DIVISION
Project Number: 708565

Department: 8040 Irrigation Services
Project Title: PRJ - Highline Pipe Replacement

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	25,000	Labor & Benefits	0
Estimated Year End Totals	25,000	Materials & Supplies	60,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	70,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	70,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	10,000
Total Project Budget Inception to Completion	95,000	Totals	70,000

Project Description Replace 250 feet of (cast in place) CIP pipe with plastic pipe on the Highline Lateral..

Project Justification Replacing critical sections of this lateral will improve operational efficiency and limit pipeline leakage.

Applicable Policy Irrigation Master Plan