

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2011-12 BUDGET

AUGMENT WATER SUPPLY

Objective	Timeline	Total	Account	Division	Reimbursable	Source
Operations Modeling						
1-1-1 CVSIM Update/Assistance	June	0	5-7829	WRD	0	
Water Supply Projects						
1-2-1 Water Project 1						
A. Santa Margarita Site						
1. Site work						
a. Permanent electrical equipment	Fall	283,100	4-7860.04	WRD	0	Line of Credit
b. Final fencing, grading, paving	Spring	0	4-7860.04	WRD	0	
c. Permanent instrumentation	Fall	45,500	4-7860.04	WRD	0	Line of Credit
d. Replacement of ASR-1 well pump/motor (upsized)	Winter	0	4-7860.04	WRD	0	
e. PG&E service upgrade	Fall	15,000	4-7860.04	WRD	0	Line of Credit
f. ASR-1 and 2 permanent soundproof enclosures	Spring	0	4-7860.04	WRD	0	
g. Facility building equipment	???	181,000	4-7860.04	WRD	0	Line of Credit
h. Contingency (10%)	Ongoing	52,500	4-7860.04	WRD	0	Line of Credit
2. Operations and Maintenance						
a. Operations support	Ongoing	75,000	4-7860.04	WRD	75,000	CAW
b. Water quality lab analysis	Ongoing	20,000	4-7860.04	WRD	20,000	CAW
c. Electrical power	Ongoing	18,000	4-7860.04	WRD	18,000	CAW
d. Backup water quality field meter	Fall	300	4-7860.04	WRD	300	CAW
e. Backup 500' water level probe	Fall	800	4-7860.04	WRD	800	CAW
f. Contingency (10%)	Ongoing	11,300	4-7860.04	WRD	11,300	CAW
3. Coordination With Seaside Middle School Site						
a. Well No. 1 interim piping connection to Santa Margarita site	Fall	27,500	4-7860.06	WRD	27,500	CAW
b. FORA ordinance clearance at Santa Margarita site	Fall	28,800	4-7860.06	WRD	28,800	CAW
c. City of Seaside appraisal/easement prep for Santa Margarita site	Fall	2,000	4-7860.06	WRD	2,000	CAW
d. Contingency (15%)	Ongoing	8,700	4-7860.06	WRD	8,700	CAW
B. Water Project 2						
1. Seaside Middle School Site						
a. Well No. 1 pump & motor	Summer	242,000	4-7860.06	WRD	242,000	CAW
b. Well No. 1 downhole flow control valve	Summer	56,300	4-7860.06	WRD	56,300	CAW
c. Well No. 1 construct electrical connection	Summer	65,300	4-7860.06	WRD	65,300	CAW
d. Well No. 1 PG&E electrical	Summer	33,500	4-7860.06	WRD	33,500	CAW
e. Well No. 1 permanent wellhead piping	Fall	86,000	4-7860.06	WRD	86,000	CAW
f. Well No. 1 MCWD water connection	Fall	22,000	4-7860.06	WRD	22,000	CAW
g. Well No. 1 site preparation	Fall	39,000	4-7860.06	WRD	39,000	CAW
h. Well No. 1 temporary security fencing	Spring	2,700	4-7860.06	WRD	2,700	CAW
i. Contingency (15%)	Ongoing	82,000	4-7860.06	WRD	82,000	CAW
2. Operations & Maintenance						
a. Operations support	Ongoing	37,500	4-7860.06	WRD	37,500	CAW
b. Water quality lab analysis	Ongoing	10,000	4-7860.06	WRD	10,000	CAW
c. Electrical power	Ongoing	3,000	4-7860.06	WRD	3,000	CAW
d. Contingency (15%)	Ongoing	7,600	4-7860.06	WRD	7,600	CAW
3. Water Project 2 Site Planning						
a. Site survey for final design		12,000	4-7860.06	WRD	12,000	CAW
b. Evaluation/coordination with RWP facilities		15,000	4-7860.06	WRD	15,000	CAW
c. CEQA environmental review		26,500	4-7860.06	WRD	26,500	CAW
d. Regulatory agency permitting		40,000	4-7860.06	WRD	40,000	CAW
e. Diversion wall below site		11,300	4-7860.06	WRD	11,300	CAW
f. Backflow percolation pit		16,500	4-7860.06	WRD	16,500	CAW
g. Site underground water & electrical piping		7,500	4-7860.06	WRD	7,500	CAW
h. Electrical building		18,800	4-7860.06	WRD	18,800	CAW
i. Permanent instrumentation (including PLCs)		4,500	4-7860.06	WRD	4,500	CAW
j. Electrical control equipment (both wells)		60,000	4-7860.06	WRD	60,000	CAW
k. Grading for permanent access from GJMB		3,800	4-7860.06	WRD	3,800	CAW
l. Permanent paving/fencing		11,300	4-7860.06	WRD	11,300	CAW
m. Contingency (15%)		34,100	4-7860.06	WRD	34,100	CAW
1-3-1 MPWMD Desalination	Ongoing	150,000	5-7860.05	P&E	0	Line of Credit
1-4-1 Water Rights Permits Fees	Ongoing	4,000	5-7812	P&E	0	
AUGMENT WATER SUPPLY TOTAL		1,871,700			1,140,600	

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2011-12 BUDGET

PROTECT ENVIRONMENTAL QUALITY

Objective	Timeline	Total	Account	Division	Reimbursable	Source
Riparian Mitigations						
2-1-1 Irrigation Program						
A. Operate and maintain 4 well systems	Ongoing	7,000	4-7850.11	P&E	7,000	CAW
B. Operate and maintain District project systems	Ongoing	10,000	4-7850.12	P&E	0	
2-1-2 Riparian Corridor Management						
A. Maintain and diversify plantings at District projects						
1. Seed collection and propagation	Ongoing	500	4-7870.30	P&E	0	
2. Supplemental planting	Ongoing	500	4-7870.33	P&E	0	
B. Riparian corridor maintenance projects	Ongoing	1,500	4-7870.80	P&E	0	
C. Reprint and mail River Care Guide	June	0	4-7870.50	P&E	0	
2-1-3 Riparian Monitoring Program						
A. Vegetation and soil moisture monitoring equipment purchase & maintenance	Ongoing	500	4-7870.21	P&E	0	
B. Wildlife monitoring	August & May	0	4-7870.22	P&E	0	
C. Field Biology Assistant	Ongoing	21,000	4-7870.10	P&E	0	
D. GS flow (laptop for groundwater drawdown model development)	June	2,000	4-7870.21	P&E	0	
2-1-4 Address Vegetation Hazards and Remove Trash from Channel	Ongoing	18,000	4-7870.40	P&E	0	
Erosion Protection						
2-2-1 Repair Bank Damage at District Restoration Projects						
A. Maintain erosion protection projects	June	0	4-7895.90	P&E	0	
B. Lower San Carlos restoration project permitting	June	0	4-7895.41	P&E	0	
2-2-2 Renew Regional General Permit from U.S. Army Corps of Engineers	June	0	4-7895.8	P&E	0	
Aquatic Resources Fisheries						
2-3-1 Sleepy Hollow Facility Operations						
A. General operations and maintenance	Ongoing	46,900	4-7858.13	WRD	0	
B. Power	Ongoing	58,500	4-7858.13	WRD	0	
C. Road maintenance	June	1,000	4-7858.13	WRD	0	
D. Replacement of standby generator fuel	Ongoing	2,800	4-7858.13	WRD	0	
E. Generator maintenance service	Ongoing	5,600	4-7858.13	WRD	0	
F. Design and permitting for new intake system	Fall	190,000	4-7858.12	WRD	190,000	Grant
G. Raw water intake retrofit - phase 1	May	280,000	4-7858.12	WRD	280,000	Grant
H. DIDSON Steelhead counting station components	Summer	6,700	4-7858.12	WRD	6,700	Grant
I. Intake/cold well repair & maintenance	Ongoing	19,500	4-7858.13	WRD	0	
2-3-2 Conduct Juvenile Rescues						
A. Miscellaneous fish rescue supplies	Ongoing	2,500	4-7858.13	WRD	0	
B. Water Resources Assistant	Ongoing	20,400	4-7870.10	WRD	0	
C. Seasonal Fish Rescue Workers	Ongoing	14,800	4-7870.10	WRD	0	
D. Recalibrate backpack electro-fisher	Ongoing	800	4-7858.13	WRD	0	
E. Waders	Ongoing	1,300	4-7858.13	WRD	0	
F. On-call fish rescue crew	Ongoing	3,200	4-7870.10	WRD	0	
G. Fish rescue efficiency study	Ongoing	0	4-7858.11	WRD	0	
2-3-3 Rescue & Transport Smolts						
A. Smolt rescue supplies	Ongoing	0	4-7858.33	WRD	0	
2-3-4 Monitoring of Adult Steelhead Counts at San Clemente Dam						
A. San Clemente Dam fish counter supplies	Ongoing	500	4-7858.51	WRD	0	
2-3-5 Adult & kelt rescue and transport	Ongoing	0	4-7859	WRD	0	
2-3-6 Contracted Aquatic Invertebrate Identification	Oct. & April	0	4-7858.60	WRD	0	
2-3-7 Carmel River Water Quality Monitoring Samples	Ongoing	300	4-7858.70	WRD	0	
2-3-8 CAW-NOAA-CDFG Settlement Agreement Projects						
A. Design of Sleepy Hollow Ford Removal and Bridge Replacement	June	114,300	4-7858.56	P&E	114,300	CDFG Grant
Lagoon Mitigation Activities						
2-4-1 Monitoring						
A. Bi-annual inter-agency cooperative Steelhead survey	June/Dec	0	4-7858.71	WRD	0	

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Hydrologic

2-5-1	Carmel Valley						
	A. Monitor Carmel River near Carmel (USGS)	Ongoing	14,000	5-7856	WRD	0	
	B. Water quality chemical analyses	Ongoing	2,000	4-7815	WRD	0	
	C. Miscellaneous maintenance	Ongoing	800	4/5-7855.02	WRD	0	
	D. Monitoring well maintenance/destruction (Seaside)	Ongoing	5,000	5-7855.02	WRD	0	
2-5-2	Seaside Basin Watermaster						
	A. MMP implementation (non-labor portion only)	Ongoing	35,000	5-7860.03	WRD	35,000	Watermaster
2-5-3	District Wide						
	A. Stream flow monitoring program						
	1. Miscellaneous equipment	Ongoing	3,000	4/5-7856.03	WRD	0	
	2. Data line rental - 7 sites	Ongoing	3,000	4/5-7856.03	WRD	0	

Integrated Regional Water Management

2-6	Integrated Regional Water Management						
	A. Update IRWM Plan Chapters 1-15 (see Note 1) [staff \$100,000 labor]	June	56,100		P&E	156,100	DWR Grant
	B. Update to the Canyon Del Rey Drainage Plan (see Note 2)	June	330,000		P&E	330,000	DWR Grant
	C. Salt and nutrient management plan for the SGB (see Note 3)	June	75,000		WRD	75,000	DWR Grant
	D. Assessment of steelhead passage barriers (see Note 4)	June	65,000		WRD	65,000	DWR Grant
	E. GIS internet mapping site development & data management system (see Note 5)	June	73,500		ASD	33,000	DWR Grant
	F. Inter-regional coordination (see Note 6) [staff \$10,000 labor]	June	10,000		P&E	20,000	DWR Grant
	G. Assessment for San Joe Creek watershed (see Note 7)	June	60,000		P&E	60,000	DWR Grant
	H. ASBS alternatives analysis (see Note 8)	June	270,000		P&E	270,000	DWR Grant
	I. Hydrologic monitoring - Carmel Valley Alluvial Aquifer (see Note 9)	June	20,000		P&E	20,000	DWR Grant

Notes:

- 1 - No local match required
- 2 - Local match consists of \$60,000 cash (MCWRA), MPWMD in-kind services of \$22,080 for stream gage costs in Canyon Del Rey (two seasons)
- 3 - Local match consists of \$164,000 in expenses for the Seaside Groundwater Basin Watermaster
- 4 - Local match consists of MPWMD in-kind services of \$106,720 for stream gage costs in Carmel River tributaries (two seasons)
- 5 - Local match consists of \$40,500 mix of consultants, hardware & software and MPWMD in-kind services
- 6 - Local match consists of MPWMD in-kind services of \$2,400 during a two-year period in addition to reimbursed labor
- 7 - Sub-grantee agreement with Monterey Peninsula Regional Park District
- 8 - Sub-grantee agreement with City of Monterey
- 9 - Local match consists of MPWMD in-kind services of \$26,350 during a three-year period

Water Distribution System Permitting

2-8-1	Permit Processing Assistance	Ongoing	15,000	4-7855.03	P&E	15,000	Direct Bill
2-8-2	Hydrogeologic Impact Review	Ongoing	12,000	4-7855.03	P&E	12,000	Direct Bill
2-8-3	County Fees - CEQA Posting and Recording	Ongoing	10,000	4-7855.03	P&E	10,000	Direct Bill
2-8-4	Technical Procedures Update	December	2,000	4-7855.03	P&E	0	
2-8-5	Permit Process Streamlining and Public Outreach	June	0	4-7855.03	P&E	0	
2-8-6	Document Management/File Scanning	June	0	4-7855.03	P&E	0	

PROTECT ENVIRONMENTAL QUALITY TOTAL

<u>1,891,500</u>	<u>1,699,100</u>
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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
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FISCAL YEAR 2011-12 BUDGET

PUBLIC OUTREACH

Objective	Timeline	Total	Account	Division	Reimbursable	Source
3-1-1 Annual Newsletter	March	20,000	9-7811.10	GMO	0	
3-1-2 Public Outreach - General	Ongoing	10,000	9-7811.50	GMO	0	
3-1-3 Open House & Meeting Expenses	Ongoing	0	9-7811.50	GMO	0	
3-1-4 Website Upgrade	June	20,000	9-7811.50	GMO	0	
3-1-5 Water Awareness Day	May	0	7811.50	GMO	0	
3-1-6 Promote Water Project 1	Fall	0	7811.50	GMO	0	
PUBLIC OUTREACH TOTAL		50,000			0	

WATER DEMAND

Objective	Timeline	Total	Account	Division	Reimbursable	Source
Demand Management						
4-1-1 Rule Implementation/Enforcement						
A. Deed Restriction recording	Ongoing	10,000	6-7819	WDD	6,000	CAW
B. Tolling of water credits EIR	Fall	50,000	6-7801	WDD	0	
4-1-2 Database Project						
A. Maintenance	Ongoing	10,000	6-7811.61	WDD	0	
B. Ordinance Programming	Ongoing	10,000	6-7811.61	WDD	0	
C. Programming (revisions and new)	Ongoing	30,000	6-7811.61	WDD	0	
Water Conservation						
4-2-1 Community Outreach						
A. Sponsorships/support of community events	Ongoing	1,000	6-7811.40	WDD	0	
B. Advertising	Ongoing	0	6-7811.60	WDD	0	
C. Water Awareness Committee grant	Ongoing	2,000	6-7811.50	WDD	0	
D. Water Efficiency Training/Education (Public)	Ongoing	33,000	6-7811.52	WDD	33,000	CAW
E. School water conservation (non-CAW)	Ongoing	500	6-7811.55	WDD	0	
4-2-2 Conservation Programs						
A. Landscape auditors	Ongoing	300,000	6-7813.81	WDD	300,000	CAW
B. School retrofit grant program	Ongoing	150,000	6-7813.84	WDD	150,000	CAW
C. Waterwise Gardening web application updates	Ongoing	5,000	6-7813.86	WDD	5,000	CAW
D. Conservation printed material	Ongoing	5,000	6-7813.88	WDD	5,000	CAW
E. CIMIS stations wireless connection costs	Ongoing	2,400	6-7813.86	WDD	2,400	CAW
F. Conservation devices	Ongoing	20,000	6-7813.87	WDD	20,000	CAW
G. Conservation devices (non-CAW)	Ongoing	500	6-7811.63	WDD	0	
H. Rainwater/graywater demonstration projects	Spring	20,100	6-7811.61	WDD	20,100	CAW
I. Best management practices	Ongoing	2,500	6-7811.55	WDD	0	
4-2-3 Rebate Program						
A. CAW	Ongoing	600,000	4-7814.xx	WDD	600,000	CAW
B. Seaside Municipal	Ongoing	5,000	4-7812.00	WDD	5,000	Seaside
C. Non-CAW (MPWMD funded)	Ongoing	30,000	4-7814.99	WDD	0	
D. Rebate application forms	Ongoing	1,000	4-7814.00	WDD	0	
WATER DEMAND TOTAL		1,288,000			1,146,500	
PROJECT EXPENDITURES TOTAL		5,101,200			3,986,200	