

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2010-11 BUDGET

AUGMENT WATER SUPPLY

OBJECTIVE	TIMELINE	TOTAL	ACCOUNT	DIVISION	FUNDED
Operations Modeling					
1-1-1 CVSIM Update/Assistance	June	3,000	5-7829	WRD	
Water Supply Projects					
1-2-1 Seaside Basin ASR Project Facilities					
A. Phase 1 ASR					
1. Site work					
a. Permanent electrical equipment	Fall	416,000	4-7860.04	WRD	
b. Final fencing, grading, paving	Spring	104,000	4-7860.04	WRD	
c. Permanent piping & instrumentation	Spring	165,000	4-7860.04	WRD	
d. Replacement of ASR-1 well pump/motor (upsized)	Fall	156,000	4-7860.04	WRD	
e. ASR -2 well chem/phys rehabilitation	Fall	98,000	4-7860.04	WRD	
f. PG&E service upgrade	Spring	15,000	4-7860.04	WRD	
g. ASR-1 and 2 permanent soundproof enclosures	Spring	42,000	4-7860.04	WRD	
h. Contingency (10%)	Ongoing	99,600	4-7860.04	WRD	
2. ASR Operations and Maintenance					
a. Operations support	Ongoing	75,000	4-7860.04	WRD	CAW
b. Water quality lab analysis	Ongoing	30,000	4-7860.04	WRD	CAW
c. Electrical power	Ongoing	30,000	4-7860.04	WRD	CAW
d. Facility maintenance	Ongoing	15,000	4-7860.04	WRD	CAW
e. Contingency (10%)	Ongoing	15,000	4-7860.04	WRD	CAW
B. Phase 2 ASR Planning & Development					
1. ASR Full Scale Test Well					
a. Test well installation	Fall	1,407,500	4-7860.06	WRD	CAW
b. Test well pump/motor	Fall	165,000	4-7860.06	WRD	CAW
c. Test well flow control valve	Fall	91,300	4-7860.06	WRD	CAW
d. Temporary piping	Spring	23,000	4-7860.06	WRD	CAW
e. Backwash system	Spring	71,000	4-7860.06	WRD	CAW
f. Electrical system (temporary - generator)	Fall	55,000	4-7860.06	WRD	CAW
g. Electrical system (permanent - eng. design, PG&E service)	Spring	90,000	4-7860.06	WRD	CAW
h. Final surveying	Spring	11,000	4-7860.06	WRD	CAW
i. Contingency (20%)	Ongoing	382,800	4-7860.06	WRD	CAW
2. Permitting (City, County, RWQCB, SWRCB)					
a. Consultant support	Summer	30,000	4-7860.06	WRD	CAW
b. Agency permit charges	Fall	16,000	4-7860.06	WRD	CAW
3. Evaluation/coordination with CWP					
4. Environmental review	Spring	50,000	4-7860.06	WRD	CAW
5. Contingency (10%)	Ongoing	12,600	4-7860.06	WRD	CAW
1-3-1 MPWMD Water Supply Projects (non-ASR)	Ongoing	150,000	5-7860.05	P&E	
1-4-1 Water Rights Permits Fees	Ongoing	4,000	5-7812	P&E	
AUGMENT WATER SUPPLY TOTAL		<u><u>3,852,800</u></u>			

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FISCAL YEAR 2010-11 BUDGET

PROTECT ENVIRONMENTAL QUALITY

OBJECTIVE	TIMELINE	TOTAL	ACCOUNT	DIVISION	FUNDED
Riparian Mitigations					
2-1-1 Irrigation Program					
A. Operate and maintain 4 well systems	Ongoing	7,000	4-7850.11	P&E	CAW
B. Operate and maintain District project systems	Ongoing	15,000	4-7850.12	P&E	
2-1-2 Riparian Corridor Management					
A. Maintain and diversify plantings at District projects					
1. Seed collection and propagation	Ongoing	1,000	4-7870.30	P&E	
2. Supplemental planting	Ongoing	1,500	4-7870.33	P&E	
B. Riparian corridor maintenance projects	Ongoing	3,000	4-7870.80	P&E	
C. Reprint and mail River Care Guide	June	2,000	4-7870.50	P&E	
2-1-3 Riparian Monitoring Program					
A. Vegetation and soil moisture monitoring equipment purchase & maintenance	Ongoing	2,000	4-7870.21	P&E	
B. Wildlife monitoring	August & May	3,100	4-7870.22	P&E	
C. Field Biology Assistant	Ongoing	21,000	4-7120	P&E	
D. GS flow (groundwater drawdown model development)	June	5,000	4-7820.21	P&E	
2-1-4 Address Vegetation Hazards and Remove Trash from Channel	Ongoing	18,000	4-7870.40	P&E	
Erosion Protection					
2-2-1 Repair Bank Damage at District Restoration Projects					
A. Maintain erosion protection projects	June	2,500	4-7895.90	P&E	
B. Lower San Carlos restoration project permitting	June	5,000	4-7895.41	P&E	
2-2-2 Renew Regional General Permit from U.S. Army Corps of Engineers	June	5,000	4-7895.8	P&E	
Aquatic Resources Fisheries					
2-3-1 Sleepy Hollow Facility Operations					
A. General operations and maintenance	Ongoing	46,900	4-7858.13	WRD	
B. Power	Ongoing	58,500	4-7858.13	WRD	
C. Road maintenance	June	3,600	4-7858.13	WRD	
D. Replacement of standby generator fuel	Ongoing	2,500	4-7858.13	WRD	
E. Generator maintenance service	Ongoing	5,600	4-7858.13	WRD	
F. Re-evaluate intake system	Fall	60,000	4-7858.12	WRD	
G. Intake/cold well repair & maintenance	Ongoing	19,500	4-7858.13	WRD	
H. Consulting services (DHD)	Ongoing	4,000	4-7858.11	WRD	
I. Construct stairway & platform to cooling tower	Spring	8,000	4-9145	WRD	
2-3-2 Conduct Juvenile Rescues					
A. Miscellaneous fish rescue supplies	Ongoing	2,000	4-7858.13	WRD	
B. Water Resources Assistants	Ongoing	40,800	4-7120	WRD	
C. Seasonal Fish Rescue Workers	Ongoing	14,800	4-7120	WRD	
D. Recalibrate backpack electro-fisher	Ongoing	800	4-7858.13	WRD	
E. Waders	Ongoing	1,300	4-7858.13	WRD	
F. On-call fish rescue crew	Ongoing	3,200	4-7120	WRD	
G. Fish rescue efficiency study	Ongoing	3,600	4-7858.11	WRD	
2-3-3 Rescue & Transport Smolts					
A. Smolt rescue supplies	Ongoing	500	4-7858.33	WRD	
2-3-4 Monitoring of Adult Steelhead Counts at San Clemente Dam					
A. San Clemente Dam fish counter supplies	Ongoing	2,000	4-7858.51	WRD	
2-3-5 Adult & kelt rescue and transport	Ongoing	500	4-7859	WRD	
2-3-6 Contracted Aquatic Invertebrate Identification	Oct. & April	2,500	4-7858.60	WRD	
2-3-7 Carmel River Water Quality Monitoring Samples	Ongoing	3,000	4-7858.70	WRD	
Lagoon Mitigation Activities					
2-4-1 Monitoring					
A. Bi-annual inter-agency cooperative Steelhead survey	June/Dec	2,000	4-7858.71	WRD	

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1-3-1 MPWMD Desalination	Ongoing	150,000	5-7860.05	P&E	
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AUGMENT WATER SUPPLY TOTAL		<u><u>3,852,800</u></u>			

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B. Operate and maintain District project systems	Ongoing	15,000	4-7850.12	P&E	
2-1-2 Riparian Corridor Management					
A. Maintain and diversify plantings at District projects					
1. Seed collection and propagation	Ongoing	1,000	4-7870.30	P&E	
2. Supplemental planting	Ongoing	1,500	4-7870.33	P&E	
B. Riparian corridor maintenance projects	Ongoing	3,000	4-7870.80	P&E	
C. Reprint and mail River Care Guide	June	2,000	4-7870.50	P&E	
2-1-3 Riparian Monitoring Program					
A. Vegetation and soil moisture monitoring equipment purchase & maintenance	Ongoing	2,000	4-7870.21	P&E	
B. Wildlife monitoring	August & May	3,100	4-7870.22	P&E	
C. Field Biology Assistant	Ongoing	21,000	4-7120	P&E	
D. GS flow (groundwater drawdown model development)	June	5,000	4-7870.21	P&E	
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2-2-1 Repair Bank Damage at District Restoration Projects					
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B. Lower San Carlos restoration project permitting	June	5,000	4-7895.41	P&E	
2-2-2 Renew Regional General Permit from U.S. Army Corps of Engineers	June	5,000	4-7895.8	P&E	
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2-3-1 Sleepy Hollow Facility Operations					
A. General operations and maintenance	Ongoing	46,900	4-7858.13	WRD	
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C. Road maintenance	June	3,600	4-7858.13	WRD	
D. Replacement of standby generator fuel	Ongoing	2,500	4-7858.13	WRD	
E. Generator maintenance service	Ongoing	5,600	4-7858.13	WRD	
F. Re-evaluate intake system	Fall	90,000	4-7858.12	WRD	
G. Intake/cold well repair & maintenance	Ongoing	19,500	4-7858.13	WRD	
H. Consulting services (DHD)	Ongoing	4,000	4-7858.11	WRD	
I. Construct stairway & platform to cooling tower	Spring	8,000	4-9145	WRD	
2-3-2 Conduct Juvenile Rescues					
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B. Water Resources Assistants	Ongoing	40,800	4-7120	WRD	
C. Seasonal Fish Rescue Workers	Ongoing	14,800	4-7120	WRD	
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2-3-6 Contracted Aquatic Invertebrate Identification	Oct. & April	2,500	4-7858.60	WRD	
2-3-7 Carmel River Water Quality Monitoring Samples	Ongoing	3,000	4-7858.70	WRD	
Lagoon Mitigation Activities					
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Hydrologic

2-5-1	Carmel Valley					
	A. Monitor Carmel River near Carmel (USGS)	Ongoing	14,000	5-7856	WRD	
	B. Water quality chemical analyses	Ongoing	2,500	4-7815	WRD	
	C. Miscellaneous maintenance	Ongoing	800	4/5-7855.02	WRD	
	D. Monitoring well maintenance/destruction	Ongoing	10,000	5-7855.02	WRD	
2-5-2	Seaside Basin Watermaster					
	A. MMP implementation (non-labor portion only)	Ongoing	62,000	5-7860.03	WRD	Watermaster
	B. Well Sounder-800 foot tape style	July	1,000	5-9130	WRD	
2-5-3	District Wide					
	A. Stream flow monitoring program					
	1. Miscellaneous equipment	Ongoing	3,000	4/5-7856.03	WRD	
	2. Data line rental - 7 sites	Ongoing	3,000	4/5-7856.03	WRD	

Integrated Regional Water Management

2-6	IRWMP & Grant Applications	June	25,000	4-7855.05	P&E	
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Water Distribution System Permitting

2-8-1	Permit Processing Assistance	Ongoing	20,000	4-7855.03	P&E	Direct Bill
2-8-2	Hydrogeologic Impact Review	Ongoing	8,000	4-7855.03	P&E	Direct Bill
2-8-3	County Fees - CEQA Posting and Recording	Ongoing	8,000	4-7855.03	P&E	Direct Bill
2-8-4	Technical Procedures Update	December	8,000	4-7855.03	P&E	
2-8-5	Permit Process Streamlining and Public Outreach	June	15,000	4-7855.03	P&E	
2-8-6	Document Management/File Scanning	June	5,000	4-7855.03	P&E	
2-8-7	Fractural Bedrock Assessment & Environmental Review	January	10,000	4-7855.03	P&E	
PROTECT ENVIRONMENTAL QUALITY TOTAL			602,000			

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PUBLIC OUTREACH

OBJECTIVE	TIMELINE	TOTAL	ACCOUNT	FUNDED
3-1-1 Annual Newsletter	March	22,000	9-7811.10	GMO
3-1-2 Public Outreach - General	Ongoing	12,500	9-7811.50	GMO
3-1-3 Public Outreach Assistance (MRWPCA)	Ongoing	10,000	9-7811.50	GMO
3-1-4 Website Upgrade	June	25,000	9-7811.50	GMO
PUBLIC OUTREACH TOTAL		69,500		

WATER DEMAND

OBJECTIVE	TIMELINE	TOTAL	ACCOUNT	FUNDED
Demand Management				
4-1-1 Rule Implementation/Enforcement				
A. Deed Restriction recording	Ongoing	6,000	6-7819	WDD
4-1-2 Database Project				
A. Maintenance	Ongoing	20,000	6-7811.61	WDD
B. Ordinance Programming	Ongoing	20,000	6-7811.61	WDD
C. Data Migration	June	0	6-7811.61	WDD
D. Rationing Implementation Testing	June	50,000	6-7811.61	WDD
Water Conservation				
4-2-1 Community Outreach				
A. Sponsorships/support of community events	Ongoing	15,000	6-7811.40	WDD
B. Advertising	Ongoing	30,000	6-7811.60	WDD
C. XIV, Reg XV, BMP (50gpd)	Ongoing	10,000	6-7814	WDD
D. Super Saver recognition program	Summer	5,000	6-7813.86	WDD CAW
E. Water Awareness Committee grant	Ongoing	2,000	6-7813.35	WDD
F. Water Efficiency Training/Education (Public)	Ongoing	25,000	6-7811.??	WDD
4-2-2 Conservation Programs				
A. Linen and towel program	Ongoing	5,000	6-7813.83	WDD CAW
B. Cash for grass program	Ongoing	15,000	6-7813.80	WDD CAW
C. Landscape auditors	Ongoing	200,000	6-7813.81	WDD CAW
D. School retrofit grant program	Ongoing	225,000	6-7813.84	WDD CAW
E. Waterwise Gardening web application updates	Ongoing	1,500	6-7813.86	WDD CAW (66%)
F. Conservation printed material	Ongoing	15,000	6-7813.88	WDD CAW
G. CIMIS stations wireless connection costs	Ongoing	2,400	6-7813.??	WDD CAW
H. Conservation devices	Ongoing	20,000	6-7813.87	WDD CAW
I. CH audits - large water users	Ongoing	10,000	6-7813.32	WDD
J. Graywater feasibility study	Spring	10,000	6-7811.61	WDD
K. Graywater/rainwater demonstration project	Ongoing	10,000	6-7811.55	WDD
L. Best management practices	Ongoing	10,000	6-7813.35	WDD
M. Cash for grass program (non-CAW)	Ongoing	15,000	6-7811.55	WDD
N. Ultrasonic flow meter with data recorder	July	7,000	6-7813.35	WDD
4-2-3 Rebate Program				
A. Rebate fund	Ongoing	400,000	4-Various	WDD CAW
B. Seaside Municipal	Ongoing	10,000	4-7814.80	WDD
C. General (MPWMD funded)	Ongoing	25,000	4-7814.80	WDD
D. 3-way valve for graywater pilot project	Ongoing	1,300	4-7814.80	WDD
E. Rebate application forms	Ongoing	5,000	4-7814.10	WDD
WATER DEMAND TOTAL		1,170,200		
PROJECT EXPENDITURES TOTAL		5,694,500		

Expenditures in boxes are reimbursable