

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2011**

SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS				
					ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	SOURCE AREA
CAW (CAL-AM) Main System	WM	11,862.04	10,771.39	9.2%	38,084	0.31	0.28	99	AS1-4, SCS
SEASIDE MUNI	WM	224.36	N.A.	N.A.	788	0.28	N.A.	0	SCS
MONTEREY BAY SHORES	WM	0.00	0.0	0.0%	0	0.00	0.0	0	SCS
MPWMD ASR-1	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	SCS
ABADIR (A)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS2
ABADIR (C)	WM	0.35	N.A.	N.A.	1	0.35	N.A.	0	AS2
ANIMAL FARM	WM	1.35	N.A.	N.A.	1	1.35	N.A.	0	AS2
CARMEL VALLEY ROAD II	WM	6.30	N.A.	N.A.	4	1.58	N.A.	0	AS2
CHANNEY/SCHAFFER	LU	0.36	N.A.	N.A.	2	0.18	N.A.	0	AS2
CONDON/CHUGACH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS2
FAIR WEATHER	LU	0.79	N.A.	N.A.	2	0.40	N.A.	0	AS2
GOOD NEIGHBOR	LU	1.90	N.A.	N.A.	2	0.95	N.A.	0	AS2
JONES	LU	0.14	N.A.	N.A.	1	0.14	N.A.	0	AS2
RANCHO SAN CARLOS ROAD	WM	2.02	N.A.	N.A.	3	0.67	N.A.	0	AS3
RIVERSIDE RV PARK	WM	5.77	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	AS3
SCHUT/JONES	LU	2.72	N.A.	N.A.	2	1.36	N.A.	0	AS3
SELLE	LU	0.58	N.A.	N.A.	2	0.29	N.A.	0	AS3
SAN MARCO	WM	3.32	N.A.	N.A.	3	1.11	N.A.	0	AS3
CANADA WOODS ALLUVIAL	WM	106.91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	AS3
AIELLO	WM	0.29	N.A.	N.A.	1	0.29	N.A.	0	AS3
ALADWELL (ADDISON)	WM	2.01	N.A.	N.A.	2	1.01	N.A.	0	AS3
REPPY IRRIGATION (was BARDIS 2)	WM	0.32	N.A.	N.A.	1	0.32	N.A.	0	AS3
REPPY DOMESTIC (was BARDIS 2)	WM	0.14	0.0	0.0	1	0.14	0.00	0	AS3
ST. DUNSTAN'S	WM	0.14	N.A.	N.A.	1	0.14	N.A.	0	AS3
ALL SAINTS	WM	0.53	N.A.	N.A.	1	0.53	N.A.	0	AS3
CARMEL GREENS	WM	8.61	N.A.	N.A.	1	8.61	N.A.	0	AS4
CLARK/WELLS FARGO	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS4
CACHAGUA RD. 1	WM	0.50	N.A.	N.A.	3	0.17	N.A.	0	CAC
CACHAGUA RD. 2	LU	1.75	N.A.	N.A.	9	0.19	N.A.	0	CAC
JENSEN MOBILE HOME	WM	12.39	N.A.	N.A.	24	0.52	N.A.	0	CAC
NASON ROAD	LU	0.00	N.A.	N.A.	4	0.00	N.A.	0	CAC
PRINCES CAMP	WM	16.16	N.A.	N.A.	50	0.32	N.A.	0	CAC
AGUA FRESCA	WM	1.21	N.A.	N.A.	2	0.61	N.A.	0	CVU
BOOTH	WM	0.23	N.A.	N.A.	1	0.23	N.A.	0	CVU
BOSSO (from LU method in 07)	WM	4.38	N.A.	N.A.	2	2.19	N.A.	0	CVU
CANADA WOODS UPLAND	WM	197.03	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	CVU
COUNTRY CLUB ROAD	LU	1.40	N.A.	N.A.	5	0.28	N.A.	N.A.	CVU
CHOPIN	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	CVU
DOLLASE	WM	0.01	N.A.	N.A.	4	0.00	N.A.	0	CVU
FRUMKIN	WM	0.32	N.A.	N.A.	1	0.32	N.A.	0	CVU
HYLES	WM	0.16	N.A.	N.A.	1	0.16	N.A.	0	CVU
LOS ROBLES ROAD	WM	11.08	N.A.	N.A.	6	1.85	N.A.	0	CVU
P&M RANCH	WM	4.17	N.A.	N.A.	6	0.70	N.A.	0	CVU
PELIO	WM	91.25	N.A.	N.A.	1	N.A.	N.A.	0	CVU
RANCHO DE ROBLEDEO	WM	17.04	0.0	0.0%	7	2.43	N.A.	0	CVU
SADDLE MOUNTAIN	WM	2.33	N.A.	N.A.	26	0.09	N.A.	0	CVU
SCHULTE ROAD	WM	4.09	N.A.	N.A.	5	0.82	N.A.	0	CVU
SLEEPY HOLLOW	WM	32.64	N.A.	N.A.	21	1.55	N.A.	0	CVU
TAO WOODS MUTUAL	WM	1.07	N.A.	N.A.	4	0.27	N.A.	0	CVU
TOBEY-WAGNER WDS	WM	0.70	N.A.	N.A.	1	0.70	N.A.	0	CVU
CARDINALI WDS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
CASS WDS	WM	1.47	N.A.	N.A.	1	1.47	N.A.	0	CVU
EVANS WDS	WM	19.79	N.A.	N.A.	1	19.79	N.A.	0	CVU
GOODRICH-POTRERO	WM	0.00	0.0	0.0%	0	N.A.	N.A.	0	CVU
GRANITE WDS	WM	0.28	0.0	0.0%	1	0.00	0.00	1	CVU
GREENWALL-KING	WM	N.R.	N.A.	N.A.	1	N.A.	N.A.	0	CVU
LYON WDS	WM	0.30	N.A.	N.A.	1	0.30	N.A.	0	CVU
PAGE/BOUC WDS	WM	N.R.	N.A.	N.A.	2	N.A.	N.A.	0	CVU
POSPISHIL WDS	WM	N.R.	N.A.	N.A.	1	N.A.	N.A.	0	CVU
PREW WDS	WM	0.06	N.A.	N.A.	1	0.06	N.A.	0	CVU
R. JONES	WM	0.22	N.A.	N.A.	1	0.22	N.A.	0	CVU
LARSON	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
FOREMAN	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
GUENTHER	WM	0.15	N.A.	N.A.	1	0.15	N.A.	0	CVU

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2011**

SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS				
					ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	SOURCE AREA
D. GRIGGS	WM	8.45	N.A.	N.A.	1	8.45	N.A.	0	CVU
K. GRIGGS	WM	1.46	N.A.	N.A.	1	1.46	N.A.	0	CVU
JOHNSON	WM	0.27	N.A.	N.A.	1	0.27	N.A.	0	CVU
LITT	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
WEST	WM	1.01	N.A.	N.A.	1	1.01	N.A.	0	CVU
RUSEK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
OH WELL/POOLE	WM	0.00	0.0	0.0%	1	0.00	0.00	0	CVU
BELLAMY	WM	2.42	N.A.	N.A.	1	2.42	N.A.	0	CVU
LONG RIDGE SLCS D	WM	4.67	N.A.	N.A.	123	0.04	N.A.	0	CVU
SLEEPY HOLLOW 16/COLLINS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SLEEPY HOLLOW 17/COLLINS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SYCAMORE RANCH	WM	0.01	0.0	0.0%	1	0.01	0.00	0	CVU
STEMPLE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
WHITE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
DALE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
RODDICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
OUTZEN	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
BURLEIGH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
QUAIL MEADOWS DR. (Mares)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
GIBSON	WM	0.10	N.A.	N.A.	1	0.10	N.A.	0	CVU
CAW BISHOP UNIT	WM	188.42	170.9	9.3%	382	0.49	0.45	9	LSS
CAW HIDDEN HILLS UNIT	WM	142.36	138.1	3.0%	442	0.32	0.31	2	LSS
CAW RYAN RANCH UNIT	WM	51.11	50.1	2.0%	150	0.34	0.33	-7	LSS
SPCA	WM	6.30	N.A.	N.A.	2	3.15	N.A.	0	LSS
CASANOVA WDS	WM	N.R.	N.A.	N.A.	1	N.A.	N.A.	0	MIS
AGUAJITO ROAD	WM	3.14	N.A.	N.A.	4	0.79	N.A.	0	MIS
FLAGG HILL	WM	0.84	N.A.	N.A.	2	0.42	N.A.	0	MIS
HIDDEN MESA	WM	0.49	N.A.	N.A.	3	0.16	N.A.	0	MIS
MESSENGER/MELNICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
MONTEERRA RANCH	WM	80.08	38.5	12.9%	106	0.76	0.00	3	MIS
PT.LOBOS RANCH	WM	1.82	N.A.	N.A.	8	0.23	N.A.	0	MIS
RILEY RANCH	WM	1.62	N.A.	N.A.	1	1.62	N.A.	0	MIS
RANCHITOS DE AGUAJITO	WM	6.38	N.A.	N.A.	10	0.64	N.A.	0	MIS
SENA TRUST	WM	1.38	N.A.	N.A.	2	0.69	N.A.	0	MIS
TROSKY	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
HEAD	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
CARMEL HILL	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
COLGAC	WM	0.27	N.A.	0.0%	1	0.00	N.A.	0	MIS
KASHFI	WM	N.R.	N.A.	N.A.	0	N.A.	N.A.	0	MIS
SUNRISE SENIOR CENTER	WM	0.58	N.A.	N.A.	1	0.58	N.A.	0	MIS
DUNNION	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
DMC	WM	0.09	N.A.	N.A.	1	0.09	N.A.	0	MIS
MAYL	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
LAUCH	WM	0.80	N.A.	N.A.	1	0.80	N.A.	0	MIS
THORP	WM	0.13	0.0	0.0%	1	0.13	N.A.	1	MIS
REGAN	WM	1.04	N.A.	N.A.	1	1.04	N.A.	0	MIS
CARROL/RANCHO U	WM	0.66	0.0	0.0%	1	0.66	0.00	1	MIS
LENZ-KENDALL	WM	3.06	N.A.	N.A.	1	3.06	N.A.	0	MIS
ANDERSON	WM	0.04	N.A.	N.A.	1	0.04	N.A.	0	MIS
GREEK ORTHODOX	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
STEPHEN PLACE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
OCEAN VIEW CSD	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
CITY OF SAND CITY DESAL PLANT	WM	0.00	N.A.	N.A.	1	N.A.	N.A.	1	MIS
<b>TOTALS:</b>		<b>13,162.13</b>			<b>40,353</b>			<b>110</b>	

## WATER DISTRIBUTION SYSTEM REPORT – WATER YEAR 2011

### Notes:

1. Information shown is as provided by system owners and operators unless otherwise noted.
2. Methods for reporting production are either Land Use (LU) or Water Meter (WM).
3. The source areas are as follows:  
 AS1 – Upper Carmel Valley – San Clemente Dam to Esquiline Bridge  
 AS2 – Mid Carmel Valley – Esquiline Bridge to Narrows  
 AS3 – Lower Carmel Valley – Narrows to Via Mallorca Bridge  
 AS4 – Via Mallorca Bridge to Lagoon  
 SCS – Seaside Coastal Subareas  
 CAC – Cachagua  
 CVU – Carmel Valley Upland  
 LSS – Laguna Seca Subarea  
 MIS – Peninsula, Carmel Highlands and San Jose Creek areas
4. California American Water (Cal-Am) main system production includes 3,034.4 AF from Seaside wells and 7,441.5 AF from Carmel Valley wells. 85.0 AF of water produced by the former Water West wells in Water Year (WY) 2011 are included in the total for Cal-Am production from Carmel Valley. In WY 2011, 16.3 AF of water produced by the main system were transferred to the Seaside Municipal Water System and are assigned to “Seaside Muni” production. 275.7 AF of potable water were produced by the City of Sand City Desalination Plant, provided to the main system, and are counted here as Cal-Am production. 1,117.5 AF were provided to the District’s ASR-1 Well from Cal-Am wells in Carmel Valley, and is not included in the production from Carmel Valley. 1,110.5 AF were recovered from the District’s ASR-1 well in WY 2011, and that amount is counted here as Cal-Am main system production. No water was diverted from San Clemente Reservoir during WY 2011. Cal-Am’s active connections for the main system include 20 connections for Rancho Fiesta and 432 Water West customers.
5. Cal-Am’s main system deliveries total 10,826.36 AF. This total was derived as shown:

<b><u>Reported Cal-Am Consumption</u></b>	
<b><u>Water Year 2011 (AF)</u></b>	
City Total	7,139.00
County Total	3,233.09
subtotal	10,372.09
CV Irrigation	1.73
PB-LCP	11.84
subtotal	10,385.66
Transfer to Ryan Ranch	3.22
Metered Non-Revenue	49.05
Total	10,771.39

6. N.A. refers to data that are not available and N.R. refers to systems that did not report.
7. The Burleigh, Quail Meadows Drive (Mares) and Regan Water Distribution Systems were added in WY 2011. The Tobey-Wagner WDS was amended in WY 2011 and was originally approved in WY 2004. The City of Sand City Desalination Plant, Monterey Bay Shores, Ocean View Community Services District, Chopin, Frumkin, Guenther, D. Griggs, Sycamore Ranch, Trosky, Lenz-Kendall, Anderson and Greek Orthodox WDSs were all added in WY 2010. The Rusek, Oh Well/Poole, Bellamy, Long Ridge SLCS, Sleepy Hollow 16/Collins, Sleepy Hollow 17/Collins, Stemple, Dunnion, DMC, White, Mayl, Lauch, Thorp, Dale, Roddick, Outzen, Carrol/Rancho U, and Gibson WDSs were all added in WY 2009. The Reppy WDS consists of one well with specific limits on two separate meters, and so, it appears twice, once as “domestic” and again as “irrigation”. That system and the All Saints WDS represent revisions to the previously approved and amended Bardis WDS. The Reppy, All Saints, St. Dunstan’s, Foreman, K. Griggs, Johnson, Litt, West, Carmel Hill, Colgac, Kashfi, Stephen Place and Sunrise Senior Center WDSs were all

added in WY 2008. The Head, Larson and Sena Trust WDSs were added in WY 2007. Goodrich/Portrero, Lyon, Prew, Pospishil, R. Jones, Messenger/Melnick and Aladwell WDSs were added in WY 2006. Also, the Monterra Ranch, Cañada Woods North (Upland) and Cañada Woods (Alluvial) WDSs were combined to form the *Cañada Woods Water Company WDS* in 2005, although they are reported separately here to facilitate historical comparisons. The Bardis, Greenwall LLC, Aiello, Evans, Granite, and Cass WDSs were added during WY 2005. The Pelio, Casanova, and Flagg Hill Water Distribution Systems were added during WY 2004. The Animal Farm, Hyles, and Chugach Well #2 WDSs were added during WY 2003. Abadir (A), Abadir (C), Booth, and Hidden Mesa were added in WY 2002.

8. The names of Cachagua Road #1 and #2 were switched in Reporting Year 1999 to agree with records of the Monterey County Department of Health. Older District records have the names of these two systems reversed.
9. Bishop Unit is operated by Cal-Am, acquired July 1999.
10. Rancho Fiesta is operated by Cal-Am. The delivered amount (7.28 AF) was all produced by the main Cal-Am system, so that amount has been accounted for in Cal-Am system deliveries. The source of production was AS1 – AS4.
11. Hidden Hills was formerly referred to as Carmel Valley Mutual; annexed to Cal-Am in 1993.
12. The Ryan Ranch Unit is owned and operated by Cal-Am. 3.22 AF produced by wells in the Cal-Am main system was delivered to the Ryan Ranch Unit in WY 2011.
13. Production from the Monterra Ranch desalination plant was 45.73 AF in WY 2011, but this production was not reported separately as it was originally produced from wells that have been accounted for. However, Monterra Ranch reported consumption (delivery) of 38.54 AF. The difference (24.38 AF) between reported production from wells (80.09 AF) and the sum of reported production through the desalination plant (45.73 AF) and brine discharge (9.98 AF) in WY 2011 represents water produced for non-potable purposes.