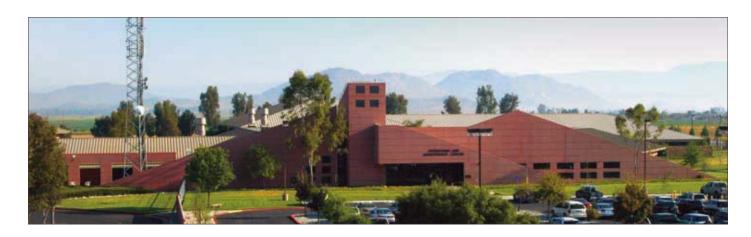
2007 Consumer Confidence Report ISSUED JULY 2008

HEMET WATER FILTRATION PLANT

EASTERN MUNICIPAL WATER DISTRICT SINCE 1950

Our Mission

The mission of Eastern Municipal Water District is to provide safe and reliable water and wastewater management services to our community in an economical, efficient and responsible manner, now and in the future.



Our Vision

To provide essential service to our community at a level that exceeds the performance of any other public or private agency.

inside this report

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This report contains important information about the quality of your water. If you would like to obtain this information in Spanish, visit us at www.emwd.org and select "EMWD en Español" or call (951) 928-3777 ext. 4221 for a copy by mail.

Este informe contiene información importante con sobre la calidad de su agua. Si usted desea obtener información en español, visitenos en www.emwd.org y seleccione "EMWD en Español" o llame (951) 928-3777, ext. 4221 para solicitar una copia por correo.

Your Water Quality 2007 Consumer Confidence Report

Dear EMWD Customer,

As General Manager of Eastern Municipal Water District (EMWD), I am pleased to present our annual Consumer Confidence Report for 2007. This report contains important and useful information about the sources, quality, and safety of your drinking water and describes how EMWD meets all drinking water standards as set by the U.S. Environmental Protection Agency and enforced by the California Department of Public Health.

To help increase awareness and improve the value placed on our water supplies, we encourage you to learn about the history of southern California water and EMWD's role in bringing water to our region. To get you started, a brief list and timeline, including pictures, of historical and recent EMWD milestones, and an article entitled "The Value of Water," are included in this year's report.

More than half of the potable water EMWD provides is used outdoors and nearly half of that is often wasted on over-watering. We are committed to reducing outdoor water use and this report details some of the efforts being made to accomplish this.

EMWD strives to be more responsive to you, our customers. Last year we included a survey card asking for ways to improve future reports and many of the suggestions received have been incorporated and are listed below. Once again, we hope you will take the time to complete and return the enclosed, postage-paid survey card. To show our appreciation, all customers who return a completed survey are eligible for a chance to win a \$100 gift card to a home improvement center.

Please look over this report and if you have any questions, call Amy Mora, Environmental Compliance Analyst, at (951) 928-3777, extension 6337.

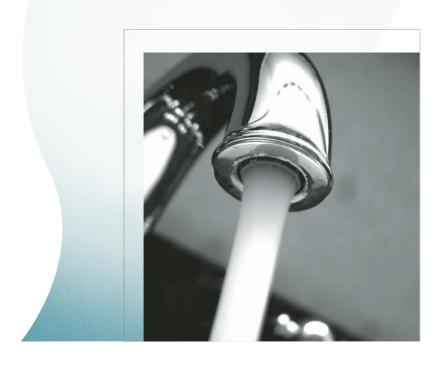
a Soch

Anthony J. Pack
GENERAL MANAGER, EASTERN MUNICIPAL WATER DISTRICT

Suggestions we've incorporated this year:

- More photos and captions
- Reduced report production costs
- Water use efficiency tips
- Reader-friendly tables and charts
- Environmentally friendly-the paper used for this report is certified by SmartWood, as a well-managed source of wood products whose forest management practices adhere to strict environmental and socioeconomic standards.

EMWD 2006 Consumer Confidence Report Surve	
I. What best describes how you use/read this report: I read it cover to cover I read most of the sections I did not read it at all Yes No 3. Please rate this report on the features below using the following scale: Overall impression of the report Overall impression of the report Able to easily find desired information 4. Do you have any specific suggestions on new features and/or sections	9у
Thank you for participating in our survey. If you would like to enter our survey drawing for a chance to win a \$100 gift card to a local plant nursellow. This information is strictly for the survey drawing and will not be will conclude September 30, 2007. Phone number:	
State: Zip/Postal Code:	



The Source of Your

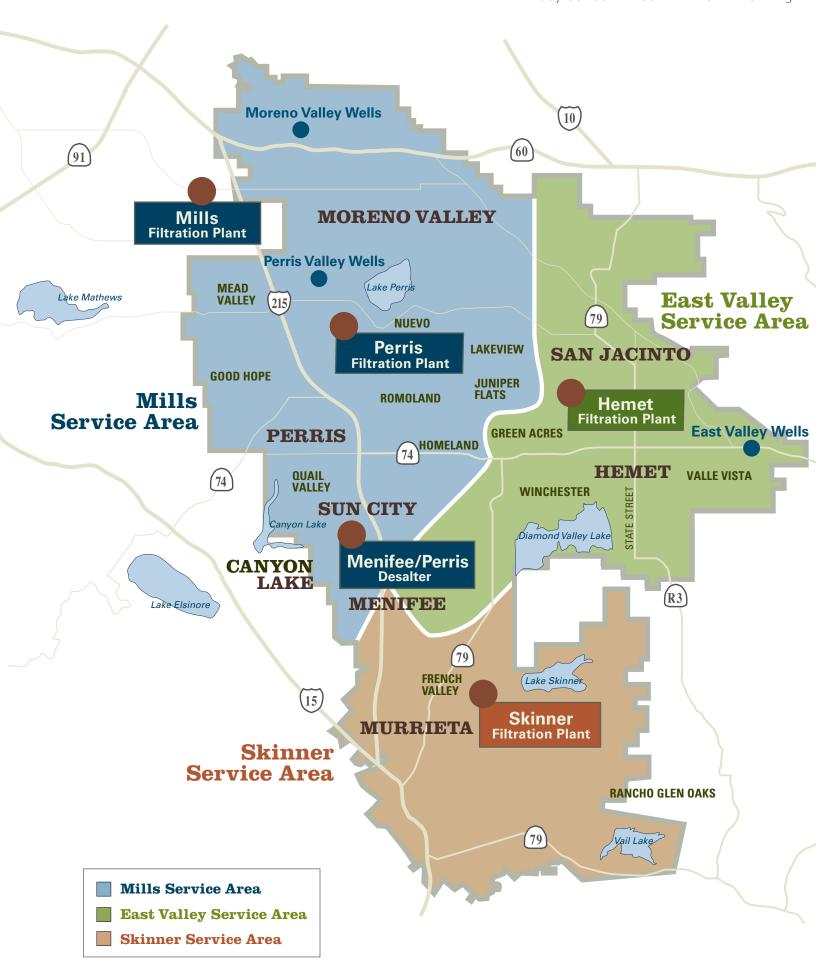
To help you find specific details about your tap water, we have organized this report according to the communities we serve.

Mills service area in the northwest portion of the District

East Valley service area in the northeast portion of the District

Skinner service area in the southern portion of the District

To find information such as the source, quality, and hardness of your tap water, simply locate your community on the map and match it with the service area on the foldout table.



The Communities We Serve...

Mills service area

Water from this service area comes from a combination of sources:

• The Henry J. Mills Filtration Plant* treats imported surface water supplied solely from northern California through the State Water Project (SWP).

Water from the Mills Plant is blended with several other EMWD water sources:

- Two Moreno Valley Wells serve two small portions of Moreno Valley near the intersections of Heacock and Fir, and Heacock and Ironwood.
- •Three Perris Valley Wells serve a limited area of Perris along Perris Boulevard south of the Ramona Expressway.
- •The Perris Water Filtration Plant treats Colorado River water. This plant uses the latest ultrafiltration technology to remove particulate contaminants to produce quality, potable water. This plant serves Lakeview, Nuevo, Romoland, Homeland, and Juniper Flats.
- •The Menifee/Perris Desalter converts salty groundwater into potable water using a reverse osmosis process. Menifee, Sun City, (North) Canyon Lake, and Quail Valley are the only communities within the Mills Service Area to receive blended water from this desalination plant.

*The Mills and Skinner Plants are owned and operated by the Metropolitan Water District of Southern California (MWD)

**Typically served by Mills Plant and occasionally served by the Skinner Plant

COMMUNITIES SERVED:

GOOD HOPE

HOMELAND

JUNIPER FLATS

LAKEVIEW

MEAD VALLEY

MENIFEE**

MORENO VALLEY

NORTH CANYON LAKE

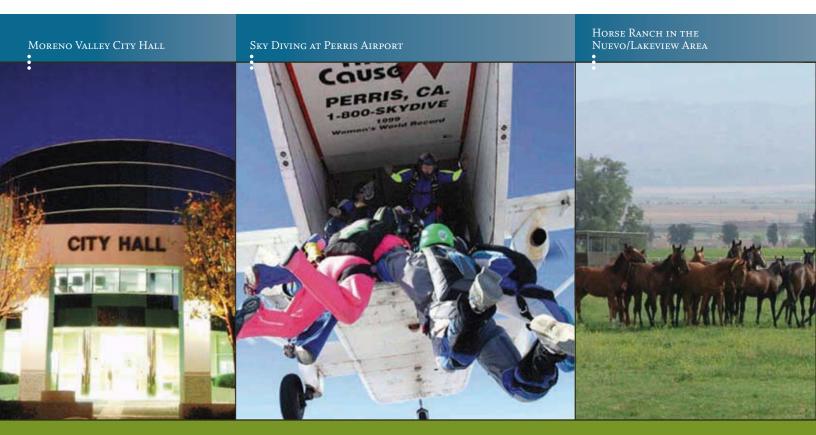
NUEVO

PERRIS

QUAIL VALLEY

ROMOLAND

SUN CITY**



East Valley service area

This service area is split into two regions

COMMUNITIES SERVED:

DIAMOND VALLEY

GREEN ACRES

HEMET

SAN JACINTO

SERVED:

SAN JACINTO

SOBOBA HOT

VALLE VISTA

SPRINGS

HEMET

WINCHESTER***

West of State Street:

• The Hemet Water Filtration Plant treats water from the State Water Project. This plant uses the latest ultrafiltration technology to remove particulate contaminants and produce quality, potable water. Local groundwater also supplies this area.

COMMUNITIES East of State Street:

· A system of deep groundwater wells serves these communities.

Skinner service area

Water from this service area comes from:

SERVED:

FRENCH VALLEY

MENIFEE**

MURRIETA

SUN CITY**

WINCHESTER***

COMMUNITIES | • The Robert A. Skinner Filtration Plant* treats water from the Colorado River and from the State Water Project.

- * The Mills and Skinner Plants are owned and operated by the Metropolitan Water District of Southern California (MWD)
- ** Typically served by Mills Plant and occasionally served by the Skinner Plant
- *** Typically served by Hemet Water Filtration Plant and occasionally served by the Skinner Plant



Abbreviations

AI	Aggressiveness Index	N	Nitrogen	RAA	Running Annual Average
AL	Action Level	NA	Not Applicable	SI	Saturation Index
CFU/mL	Colony-Forming Units	ND	None Detected		(Langelier)
	per milliliter	NL	Notification Level	TON	Threshold Odor Number
DLR	Detection Limits for	NTU	Nephelometric Turbidity Units	TT	Treatment Technique
	purposes of Reporting	pCi/L	picoCuries per Liter	μS/cm	microSiemen per
MCL	Maximum Contaminant Level	PHG	Public Health Goal		centimeter; or micromho per centimeter (µmho/cm)
MCLG	Maximum Contaminant Level Goal	ppb	parts per billion or	" "	Samples not required
MRDL	Maximum Residual		micrograms per liter (µg/L)	">"	•
WINDL	Disinfectant Level	ppm	parts per million or		greater than
MRDLG	Maximum Residual		milligrams per liter (mg/L)	"<"	less than
	Disinfectant Level Goal	ppt	parts per trillion or nanograms per liter (ng/L)		

Definitions

Maximum Contaminant Level (MCL):

The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG):

The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL):

The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Maximum Residual Disinfectant Level Goal (MRDLG):

The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

Primary Drinking Water Standard (Primary Standard):

MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Public Health Goal (PHG):

The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Regulatory Action Level (AL):

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Secondary Drinking Water Standard (Secondary Standard):

MCLs for contaminants that do not affect health but are used to monitor the aesthetics of the water.

Treatment Technique:

A required process intended to reduce the level of a contaminant in drinking water.

Variances and Exemptions:

The California Department of Public Health grants permission not to meet an MCL or a treatment technique under certain conditions.

Distribution System Data

STATE OR

	PARAMETER	UNITS	FEDERAL MCL [MRDL]	PHG (MCLG) [MRDLG]	STATE DLR	RANGE AVERAGE	ENTIRE DISTRIBUTION SYSTEM	MILLS	SERVICE AREA EAST VALLEY	SKINNER
	DISINFECTANT BY-PRO	DUCTS	AND DISI	NFECTAN	residi	UALS				
A	Total Trihalomethanes (TTHM)	ppb	80	NA	0.5	Range <i>RAA</i>	0 - 74 27.7	0 - 54 22	0 - 74 24.6	44 - 63 54.2
В	Haloacetic Acids (5) (HAA5)	ppb	60	NA	1(B)	Range <i>RAA</i>	0 - 37 10.1	0 - 22 9.3	0 - 19 5.0	14 - 37 22.1
C	Bromate (Mills plant only)	ppb	10	0	5	Range <i>Average</i>		ND - 15 7.9		
	Total Chlorine Residual	ppm	[4]	[4]	NA	Range <i>Average</i>	0 - 3.0 1.8	0 - 3.0 1.9	0 - 2.5 0.9	0.3 - 2.8 2.4
	TREATMENT-RELATED	FLUORI	DE LEVEL	S						
			Oı	otimal Fluo	ride Cont	trol Range	NA	0.6 - 1.2	(D)	0.7 - 1.3
D	Fluoride Treatment-related	ppm	(D)	1	0.1	Range <i>Average</i>	ND - 0.84 0.52	ND - 0.84 0.51	(D) (D)	0.34 - 0.81 0.66
	PHYSICAL PARAMETERS	S								
	Color	Units	15	NA	NA	Range <i>Average</i>	<2.5 - 5 <2.5	<2.5 - 5 <2.5	<2.5 - 5 <2.5	<2.5 - 2.5 <2.5
	Odor Threshold	TON	3	NA	NA	Range <i>Average</i>	1 - 2 1	1 - 2 1	1 - 2 1	1 - 2 1
	Turbidity	NTU	5	NA	NA	Range <i>Average</i>	<0.1 - 0.3 0.1	<0.1 - 1.7 0.1	<0.1 - 0.5 0.2	<0.1 - 0.3 0.1
	рН	Units	6.5 - 8.5	NA	NA	Range <i>Average</i>	5.8 - 8.8 7.7	5.8 - 8.8 7.8	6.4 - 8.4 7.6	6.0 - 8.1 7.6
	METALS AS A BY-PROD	UCT OF	CORROSI	ON OF CO	NSUME	RS' PLUMBI	ING			
E	Copper	ppb	AL=1300	170	50	NA	90th pe	ercentile of 5	60 samples: <20	00 ppb
Е	Lead	ppb	AL=15	2	5	NA		ercentile of 5 mple exceed	0 samples: <5 ded the AL	ppb

Footnotes

- A Total Trihalomethanes (TTHM) are the sum of the following analytes: bromodichloromethane, bromoform, chloroform, and dibromochloromethane. Distribution system-wide average and range were taken from 28 samples collected quarterly.
- B DLR = 1.0 ppb for each HAA5 analyte (dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid) except for monochloroacetic acid which has a DLR = 2.0 ppb. Distribution system-wide average and range were taken from 28 samples collected quarterly.
- C Bromate is a disinfectant by-product resulting from the use of ozone. Currently, only Mills filtration plant uses ozone.
- Pluoridation treatment of water at Mills and Skinner Treatment plants started on October 29, 2007, and December 3, 2007, respectively. Optimal Fluoride Control range is based on average daily air temperature of the region. The East Valley service area does not have Fluoride added to its system at this time.
- E Lead and copper are regulated as a Treatment Technique under the Lead and Copper Rule. This rule requires systems to take water samples at 50 qualified homes every three years.

2007 Water Quality Table

	A\$ 例如		the life was	SC SERVED											ILY Taul
			STATE OR				MOREN	O VALLEY, PERRIS	S, SUN CITY, MEN PERRIS	IFEE & NORTH CA	NYON LAKE MENIFEE &	MURRIETA	HEMET & SA	AN JACINTO	1
	PARAMETER	UNITS	FEDERAL MCL		STATE DLR	RANGE AVERAGE	MILLS PLANT	VALLEY WELLS	VALLEY WELLS	PERRIS PLANT	PERRIS DESALTERS	SKINNER PLANT	VALLEY WELLS	HEMET PLANT	MAJOR SOURCES IN DRINKING WATER
	Percent of water delivered in service area	%		(7.1.2.0.02	70.9	1.4	6.5	14.5	6.8	<u> </u>	ast side: 100%		
	Percent of total water delivered by EMWD	%					44.7	0.9	4.1	9.1	4.3	18.1	12.5	6.3	100.0
	PRIMARY STANDAR	DS-M	ANDATO	DRY HEA	LTH-RE	LATED ST	ANDARDS								
ĺ	CLARITY														
1	Combined Filter Effluent Turbidity	NTU %	0.3 95 (A)	NA	NA	Highest % < 0.3	0.13 100%			0.77 99.84%		0.13 100%		1.00 99.87%	Soil runoff
	ORGANIC CHEMICALS														
	Pesticides/PCBs Dibromochloropropane					Range	ND	30 - 81	ND	ND	ND	ND	ND	ND	Banned nematocide that may still
	(DBCP)	ppt	200	1.7	10	Average	ND	52	ND	ND	ND	ND	ND	ND	be present in soils
	Volatile Organic Compoun Tetrachloroethylene					Range	ND	2.2 - 7.5	ND	ND	ND	ND	ND	ND	Discharge from factories, dry cleaners,
	(PCE) Trichloroethylene	ppb	5	0.06	0.5	Average Range	ND ND	4.6 ND	ND - 1.5	ND ND	ND ND	ND ND	ND ND	ND ND	and auto shops Discharge from metal degreasing
	(TCE)	ppb	5	0.8	0.5	Average	ND	ND	0.9	ND	ND	ND	ND	ND	site and other factories
	INORGANIC CHEMICALS	6	200 (B)			Range	ND - 92		ND	ND	ND	ND - 57	ND	ND	Residue from water treatment
	Aluminum	ppb	1000	600	50	Average	65		ND	ND	ND	ND	ND	ND	process; natural deposits; erosion
	Arsenic	ppb	10	0.004	2	Range Average	ND - 2.3 ND		ND - 2.4 ND	2.2 - 2.8 2.4	ND ND	ND ND	ND ND	ND ND	Natural deposits erosion, glass and electronics production wastes
	Barium	ppb	1000	2000	100	Range Average	ND ND		150 - 190 170	150 - 160 155	ND ND	ND ND	ND - 110 100	ND ND	Oil and metal refineries discharge; natural deposits erosion
	Fluoride			4		Range	ND - 0.1	0.3 - 0.4	0.3 - 0.7	0.3 - 0.4	ND - 0.1	0.2 - 0.3	0.2 - 0.6	ND - 0.2	Erosion of natural deposits; discharge
l	Naturally-occurring	ppm	2.0	1	0.1	Average Range	ND ND - 1.1	0.4 10 - 23	0.4 3.4 - 6.6	0.4 0.4 - 0.8	ND 1.2 - 1.8	0.2 ND - 0.4	0.3 ND - 4.5	0.1 ND - 0.9	from fertilizer and aluminum factories Runoff and leaching from fertilizer
	Nitrate (as N)	ppm	10	10	0.4	Average	0.7	18 (E)	5.8	0.6	1.4	ND	1.1	0.4	ues; septic tank and sewage; natural deposits erosion
	Nitrate after blend (as N)	nnm	10	10	0.4	Range		3.3 - 7.4 5.5 (E)							Runoff and leaching from fertilizer use; septic tank and sewage; natural
	Attrace after Dielia (as IV)	ppm	10	10	0.4	Average									deposits erosion
	Nitrite (as N)	ppm	1	1	0.4	Range Average	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	Runoff and leaching from fertilizer use; septic tank and sewage; natural
						Range	ND	4.7 - 12	ND - 4.1	ND	ND	ND	ND	ND	deposits erosion
	Perchlorate	ppb	6	6	4	Average	ND	8.6 (E)	ND	ND	ND	ND	ND	ND	Industrial waste discharge
	Perchlorate after blend	ppb	6	6	4	Range Average		ND ND (E)							Industrial waste discharge
	RADIOLOGICALS														
	Gross Alpha Particle Activity	pCi/L	15	(0)	3	Range Average	ND ND		6.1 6.1	4.1 4.1		ND - 5.5 ND	8.1 8.1	ND ND	Erosion of natural deposits
	Gross Beta Particle Activity	pCi/L	50	(0)	4	Range Average	ND ND		6.4 6.4	5.3 5.3		ND ND	6 6	ND ND	Decay of natural and man-made deposits
	·					Range	ND		3.7	3.3		1.5 - 3.2	ND	ND	·
ì	Uranium DISINFECTION BY-PRODU	pCi/L	20	0.43	1 IAIS AND	Average	ND	 ICTS PRECLIRS	3.7	3.3		2.3	ND	ND	Erosion of natural deposits
	Total Trihalomethanes	, O 1 O , D ii	JIN LOTAL			Range	13 - 79	ND	ND - 0.5	33	ND	37 - 61	ND	28 - 64	By-product of
	(TTHM) Haloacetic Acids (five)	ppb	80	NA	0.5	Average Range	21 2.7 - 7.4	ND 	ND 	33 15	ND 	48 13 - 24	ND 	44 ND - 31	drinking water chlorination By-product of
	(HAA5)	ppb	60	NA	1	Average	5.0			15		17		15	drinking water chlorination
	SECONDARY STAND	DARDS	–AESTHI	ETIC STA	ANDARD										
	Chloride	ppm	500	NA	NA	Range Average	56 - 98 79	170 - 310 240	140 - 400 150	100 - 110 107	99 - 170 140	84 - 96 92	11 - 88 23	61 - 110 86	Runoff/leaching from natural deposits; seawater influence
	Color	Units	15	NA	NA	Range Average	1 - 2 1	<2.5 - 2.5 <2.5	<2.5 - 2.5 <2.5	<2.5 <2.5	<2.5 <2.5	1 - 2 2	<2.5 - 5 <2.5	<2.5 <2.5	Naturally occurring organic materials
						Range	ND	ND	ND	ND	ND	ND	ND - 120	ND	Leaching from natural
	Iron	ppb	300	NA NL =	100	Average Range	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND - 70	ND ND	deposits; industrial wastes
	Manganese	ppb	50	500	20	Average	ND	ND	ND 1	ND	ND	ND	21	ND	Leaching from natural deposits Naturally-occurring
	Odor Threshold	TON	3	NA	1	Range Average	2	1	1	1	1	2 2	1	1 - 2 1	organic materials
	Specific Conductance	μS/cm	1600	NA	NA	Range Average	390 - 620 530	860 - 1360 1110	760 - 1750 1180	1070 - 1120 1100	460 - 800 650	760 - 930 840	320 - 960 460	370 - 670 530	Substances that form ions in water; seawater influence
	Sulfate	ppm	500	NA	0.5	Range Average	34 - 69 53	26 - 32 29	41 - 58 48	220 - 254 243	13 - 31 22	130 - 200 170	10 - 230 55	26 - 57 38	Runoff/leaching from natural; deposits industrial wastes
	Total Dissolved Solids	ррпп				Range	220 - 330	560 - 850	460 - 1020	620 - 690	230 - 490	440 - 550	170 - 560	210 - 330	Runoff/leaching
	(TDS)	ppm	1000	NA	NA	Average Range	290 0.04 - 0.06	700 <0.1	910 <0.1 - 0.7	650 <0.1	340 <0.1	500 0.05 - 0.07	260 0.1 - 1.1	260 <0.1 - 0.2	from natural deposits
١	Turbidity	NTU	5	NA	NA	Average	0.05	<0.1	0.2	<0.1	<0.1	0.05	0.3	<0.1	Soil runoff
ار	UNREGULATED CHEM	/IICALS	REQUIR		NITORIN		110 100	ND	200 500	100 000	ND 400	120 100	MD	ND 100	Runoff/looching from the l
1	Boron	ppb	NA	NL = 1000	100	Range Average	110 - 180 150	ND ND	200 - 500 300	100 - 200 140	ND - 160 ND	130 - 160 140	ND ND	ND - 190 ND	Runoff/leaching from natural deposits; industrial wastes
1					3	Range Average	ND - 5.4 4.1					ND ND			Naturally-occurring; industrial waste discharge
1	Vanadium	ppb	NA	NL = 50	3										
	Vanadium OTHER PARAMETERS		NA	NL = 50	3										
	OTHER PARAMETERS	6				Range Average	65 - 78 72	71 - 80 76	100 - 160 120	120 - 140 130	30 - 72 49	91 - 106 98	110 - 170 130	52 - 92 74	
	OTHER PARAMETERS	ppm	NA	NA	NA	Average Range	72 19 - 23	76 69 - 120	120 67 - 160	130 77 - 86	49 27 - 68	98 44 - 60	130 36 - 90	74 13 - 29	
	OTHER PARAMETERS	6				Average Range Average	72 19 - 23 21	76	120	130	49	98 44 - 60 53	130	74	By-product of drinking water
	OTHER PARAMETERS Alkalinity Calcium Chlorate	ppm	NA	NA	NA	Average Range Average Range Average	72 19 - 23 21 33 - 36 34	76 69 - 120 95 	120 67 - 160 100 	130 77 - 86 81 	49 27 - 68 46 	98 44 - 60 53 ND - 23 ND	130 36 - 90 52 	74 13 - 29 23 	By-product of drinking water chlorination; industrial processes
	OTHER PARAMETERS Alkalinity Calcium	ppm ppm	NA NA	NA NA	NA NA	Average Range Average Range	72 19 - 23 21 33 - 36	76 69 - 120 95 	120 67 - 160 100 	130 77 - 86 81 	49 27 - 68 46 	98 44 - 60 53 ND - 23	130 36 - 90 52 	74 13 - 29 23 	
	OTHER PARAMETERS Alkalinity Calcium Chlorate Corrosivity	ppm ppm	NA NA NA	NA NA NL =800	NA NA 20	Average Range Average Range Average Range Average Range Average	72 19 - 23 21 33 - 36 34 11.9 - 12.2	76 69 - 120 95 10.8 - 11.0	120 67 - 160 100 11.2 - 11.7	130 77 - 86 81 12.1 - 13.0	49 27 - 68 46 10.8 - 11.9 11.5 -1.01 - 0.14	98 44 - 60 53 ND - 23 ND 12.1 - 12.3	130 36 - 90 52 11.3 - 12.5	74 13 - 29 23 10.1 - 11.2	chlorination; industrial processes Elemental balance in water; affected
	OTHER PARAMETERS Alkalinity Calcium Chlorate Corrosivity (as Aggressiveness Index) Corrosivity (as Saturation Index)	ppm ppm ppb AI SI	NA NA NA NA	NA NA NL =800 NA NA	NA NA 20 NA NA	Average Range Average Range Average Range Average Range Average Range Average	72 19 - 23 21 33 - 36 34 11.9 - 12.2 12.0 0.13 - 0.31 0.22 85 - 116	76 69 - 120 95 10.8 - 11.0 10.9 -1.080.84 -0.96 270 - 500	120 67 - 160 100 11.2 - 11.7 11.4 -0.710.2 -0.46 250 - 550	130 77 - 86 81 12.1 - 13.0 12.7 0.20 - 0.93 0.67 320 - 340	49 27 - 68 46 10.8 - 11.9 11.5 -1.01 - 0.14 -0.32 111 - 210	98 44 - 60 53 ND - 23 ND 12.1 - 12.3 12.2 0.15 - 0.52 0.38 194 - 254	130 36 - 90 52 11.3 - 12.5 11.8 -0.81 - 0.67 -0.07 110 - 290	74 13 - 29 23 10.1 - 11.2 11.7 -1.01 - 0.01 -0.14 77 - 140	chlorination; industrial processes Elemental balance in water; affected by temperature, other factors Municipal and
	OTHER PARAMETERS Alkalinity Calcium Chlorate Corrosivity (as Aggressiveness Index) Corrosivity	ppm ppm ppb AI	NA NA NA	NA NA NL =800 NA	NA NA 20 NA	Average Range Average Range Average Range Average Range Average	72 19 - 23 21 33 - 36 34 11.9 - 12.2 12.0 0.13 - 0.31 0.22	76 69 - 120 95 10.8 - 11.0 10.9 -1.080.84 -0.96	120 67 - 160 100 11.2 - 11.7 11.4 -0.710.2 -0.46	130 77 - 86 81 12.1 - 13.0 12.7 0.20 - 0.93 0.67	49 27 - 68 46 10.8 - 11.9 11.5 -1.01 - 0.14 -0.32	98 44 - 60 53 ND - 23 ND 12.1 - 12.3 12.2 0.15 - 0.52 0.38	130 36 - 90 52 11.3 - 12.5 11.8 -0.81 - 0.67 -0.07	74 13 - 29 23 10.1 - 11.2 11.7 -1.01 - 0.01 -0.14	chlorination; industrial processes Elemental balance in water; affected by temperature, other factors
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ootnotes

turbidity level of the filtered water shall ss than or equal to 0.3 NTU in 95% of the surements taken each month and shall exceed 1 NTU at any time. Turbidity is a sure of the cloudiness of the water and indicator of treatment performance. ndary standards were based on the ment plant effluent or raw well water.

ninum has both primary and ndary standards.

for the naturally-occurring fluoride taken at the source before the tion of fluoride.

MCL is 45 mg/L as nitrate, which ls 10 mg/L as N.

eno Valley Wells are blended with Mills r to reduce Nitrate and Perchlorate s to be compliant with State MCLs.

State primary MCL for perchlorate set at 6 ppb effective October 18, 2007.

orted results for Mills and Skinner were from four consecutive quarters of toring from August 2005 to April 2006.

gross beta particle activity MCL is lirem/year annual dose equivalent e total body or any internal organ. screening level is 50 pCi/L.

Trihalomethanes are the sum of the wing analytes: bromodichloromethane, noform, chloroform, and dibromochlothane. Average and range for the Mills Skinner treatment plant effluents were from weekly samples for TTHM and thly samples for HAA5.

= 1.0 ppb for each HAA5 analyte loroacetic acid, trichloroacetic acid, obromoacetic acid, and dibromoacetic except for monochloroacetic acid h has a DLR = 2.0 ppb.

Mills and Skinner plants, Metropolitan developed a flavor-profile analysis od that can detect odor occurrences accurately. For more information, MWD at (213) 217-6850.

jes for the Mills and Skinner plant ents were taken from two terly samples.

easures the aggressiveness of water sported through pipes. Water with 0.0 is highly aggressive and would be corrosive to almost all materials found typical water system. Al > 12.0 indicates aggressive water. Al between 10.0 and ndicates moderately aggressive water.

easures the tendency for a water to pitate or dissolve calcium carbonate tural mineral in water). Positive indices ate the tendency to precipitate and/or sit scale on pipes and are assumed to on-corrosive. Negative indices indicate endency to dissolve calcium carbonate are assumed to be corrosive.

values were based on chlorinated ment plant effluents or on unchlorinated well water.

es for the treatment plant effluent were from quarterly samples.

age and range for Total Organic Carbon fills and Skinner were taken from dy samples collected at the combined effluent.

The Value of Water

Ponder for a moment...how would your life change if all the water supplies in southern California were suddenly unavailable? After all, we live in an arid, semi-desert region where natural water supplies are scarce, rivers seldom flow year-round, and few lakes flourish.

Now look around your neighborhood. How is it possible for so many people to live in a region that does not have natural water supplies? The quality of life we all enjoy is largely due to the water that we receive from the Colorado River and northern California aqueduct systems. However, our water supply is declining due to drought and environmental concerns, while the demand increases due to growth.

Eastern Municipal Water District (EMWD) has a long history of developing water sources – from groundwater management and recharge, to drilling new wells, and embracing new technologies such as ultrafiltration and desalination of brackish groundwater. We understand that safe and reliable water is critical to our very existence.

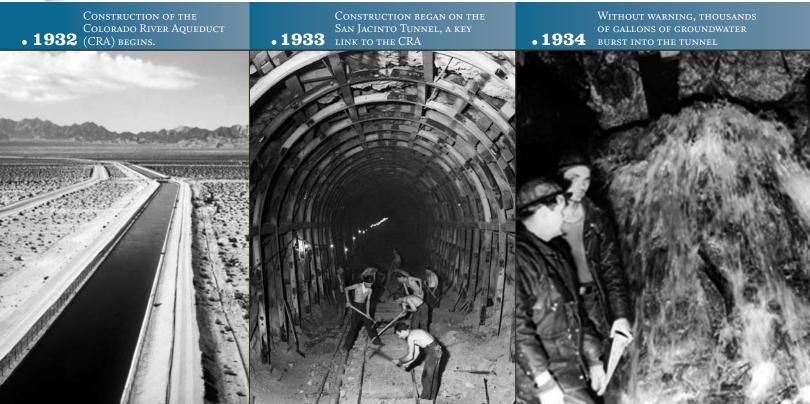
EMWD celebrated fifty years of water delivery service in 2000. To commemorate this historic anniversary, the history and value of water was captured in a book entitled "Building the Future: The Story of Eastern Municipal Water District." This book details the story of southern California water and EMWD's role in bringing water to the communities we serve. We encourage you to view a copy of the book at your local library or view the electronic version.

EMWD is grateful to those before us who had the vision and ability to import the water we all enjoy and depend upon today. Likewise, we appreciate those who value the importance of water and we encourage all our customers to do their part in using water wisely...helping to keep safe, reliable, and quality water flowing from our taps now and in the future.



"Building the Future: The Story of Eastern Municipal Water District"

View an electronic version at http://www.emwd.org/news/history-book/BuildingTheFuture.pdf



We've come a long way

Below are a few of the milestones you'll find in EMWD's 50th anniversary commemoration book:

1900-1930s Local residents relied solely on available groundwater and springs for drinking water.

> Construction began on the San Jacinto Tunnel, a key link in the Colorado River Aqueduct (CRA) project.

Underground water seeped into the tunnel, ranging from 540 to 30,000 gallons per minute (1934-1939).

1940-1960s Due to tunnel seepage and drought, rivers and streams began drying up and the San Jacinto River Protective Committee was formed to protect local groundwater and negotiate with MWD for the water loss.

> A formal settlement with MWD was reached and EMWD was officially created to manage the area's water supply.

Perris was the first community to receive domestic water service from EMWD's first distribution system.

EMWD formed 11 improvement districts and added 168,000 acres to the district through annexation.

1970-1990s Governor Ronald Reagan delivered the first drops of State Water Project water to Lake Perris.

> The District opened its present day Operation and Maintenance and Administrative Centers in Perris.

2000

EMWD celebrated its 50 year anniversary

Today, EMWD's service area is 555 square miles. We own and operate 18 domestic production wells, 3 water treatment plants, 82 tanks, and maintain 1,750 miles of pipeline.

STOP RUNOFF!

EMWD's Water Use Efficiency Ordinance goes into effect September 1, 2008

In May, EMWD's Board of Directors approved Water Use Efficiency Ordinance 72.23, enabling the District to assess penalties for water waste due to runoff. It also mandates water-efficient landscaping in new development.

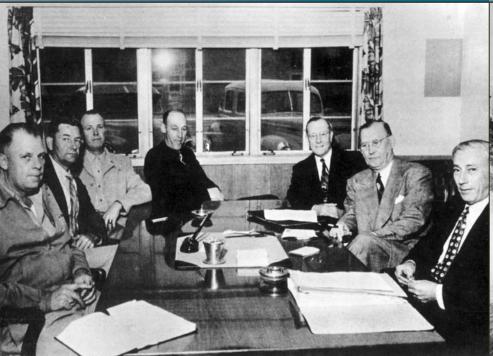
Originally adopted in 1991, the ordinance was modified to provide long-term water reliability for existing and future customers. The revised ordinance takes proactive measures to eliminate water waste by:

- Applying penalties to all customers for water waste pertaining to runoff. Previously, penalties only applied to commercial, industrial, and institutional accounts.
- Requiring water-efficient landscaping for all new development. Previously, this applied only to large landscapes (3,000 square feet or larger).

One of the first meetings of the EMWD Board of Directors (from left) Aleck Brudin, L.L. Tatum, W.M. Kolb, Floyd Bonge,

1951 Attorney Earl Redwine, Irwin Farrar, Attorney Eugene Best

EMWD'S FIRST WATER DISTRIBUTION SYSTEM DELIVERS WATER TO PERRIS





Contaminants & Regulations

To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (EPA) and the California Department of Public Health (CDPH) established regulations that limit the amount of certain contaminants in water provided by public water systems.

Contaminants that may be present in source water include the following:

Inorganic contaminants, such as salts and metals, can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock, and wildlife.

Organic chemical contaminants including synthetic and volatile organic chemicals. These may be by-products of industrial processes or petroleum production, and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.

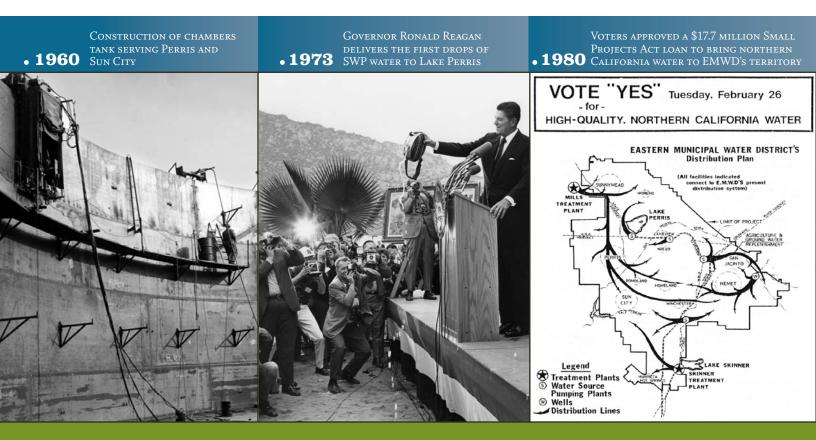
Radioactive contaminants can be naturally occurring or be the result of oil and gas production and mining activities.

Nitrate levels in drinking water above 45 parts per million (ppm) are a health risk for infants under six months of age.

Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness. Symptoms include shortness of breath and blueness of the skin.

Nitrate levels above 45 ppm may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at 1(800) 426-4791.



Chloramines

Chloramines are a type of disinfectant that EMWD uses to prevent re-growth of potentially harmful bacteria in the water distribution system. Chloramines are a combined form of chlorine and ammonia. They are approved by the Environmental Protection Agency (EPA) as a disinfectant for drinking water, and have been used safely for years. Chloraminated water is safe to drink because the digestive process neutralizes the chloramines before they enter the bloodstream. Chloraminated water is also safe for all other daily uses, such as bathing and cooking. In addition, the treatment process that uses chloramines produces fewer disinfection by-products, such as Trihalomethanes.

Special Exceptions (Kidney Dialysis/Aquariums)

Customers who have unique water quality needs and who use specialized home treatments, such as kidney dialysis machines, should make the necessary adjustments to remove chloramines. Like chlorine, chloramines are toxic in dialysis water. Customers who have fish tanks in their homes should also take precautions to remove chloramines prior to adding water to tanks. Effective treatments include using granular-activated carbon filters or using chemicals specifically designed to remove chloramines. Allowing drinking water to stand, boiling water and chemicals that remove only chlorine, will not remove chloramines.

The facts about total coliform bacteria

Water agencies test for the presence of coliform bacteria as an indicator of drinking water quality. Coliform bacteria are common in the environment and are generally not harmful. Coliform bacteria may occur in soil, vegetation, animal waste, sewage, and surface waters.

Eastern Municipal Water District routinely tests for the presence of any coliform bacteria as an indicator of the sanitary quality of drinking water. EMWD analyzed 2,443 coliform samples in 2007, two of which were total coliform positive. The maximum allowed by EPA for total coliforms is no more than 5% in any month. The highest monthly total coliform result was 0.45%, which complies with the EPA's standard.

A positive total coliform test result does not necessarily mean a maximum contaminant level (MCL) has been exceeded, or that there is a problem in the water system. More information and general guidelines on ways to lessen the risk of infection by microbes are available from the Environmental Protection Agency's Safe Drinking Water Hotline at (800) 426-4791 or at www.epa.gov/safewater/dwh/health.html.



Protecting Your Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at 1(800) 426-4791.

EMWD uses several sources of water to serve its customers, including surface water from the Colorado River and the California State Water Project (SWP), as well as local groundwater. As water travels over the surface of the land, or soaks down through the ground, it dissolves naturally occurring substances, such as minerals and radioactive material; surface water can also pick up substances from the presence of animals and/or humans. The land that the water comes into contact with is called the watershed; everything that happens to or in the watershed can affect the quality of your drinking water supply.

An assessment of all EMWD's watersheds, both surface and groundwater, was completed in 2002. The Colorado River, a surface water source, was assessed to be most vulnerable to recreational activities, urban and storm water runoff, increasing urbanization in the watershed, and wastewater.

Water from the SWP, also a surface water source, was assessed to be most vulnerable to urban and storm water runoff, wildlife, agriculture, recreational activities, and wastewater.

The assessments of the groundwater within the District were determined to be most vulnerable to urban land uses such as automobile gas stations and repair shops, transportation corridors, furniture repair and manufacturing, sewer collection systems, and sand and gravel mining operations. Groundwater wells were also considered vulnerable to agricultural uses including irrigated crops and use of pesticides and herbicides.

Protecting the sources of drinking water helps protect our health. You can view vulnerability assessments on line at http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DWSAP.aspx and then clicking on "Summary of Assessments." You can also call (951) 928-3777, ext. 6337 for a copy of EMWD's vulnerability assessments.



Tips and Rebates

Use water wisely in landscaping

Most homeowners use more than half of their water outdoors and nearly half of that is often wasted on over-watering. Follow these tips to help you use water wisely in your landscape:

- Use drip irrigation for trees, shrubs, and perennials.
- Mulch around trees and shrubs to reduce runoff and evaporation.
- ♦ Irrigate between 9 p.m. and 6 a.m. and never in windy weather.
- ♠ Reduce water pressure in irrigation systems that release a fine mist that easily blows away. Open the irrigation valve box cover and look for the round "faucet type handles" on top of each valve. These are made to be turned for adjustment just like a faucet handle.
- ♦ Install a Smart Irrigation Controller.
- ♦ Use rotating nozzles for pop-up spray heads.
- Consider installing artificial turf.

Tap into EMWD's water efficiency programs and rebates*

EMWD offers numerous water efficiency programs and rebates, some of which are listed below. To learn more, call our rebate hotline at (951) 928-3777, ext. 4517

Residential Water Survey: Free indoor / outdoor water survey of your home, by conservation specialists; ask if you qualify by calling WaterWise Consulting, Inc. at 1-(888) 987-9473

Smart Controller Rebates

Rotating Nozzles for Pop-Up Spray Heads

Synthetic Turf Rebates

High Efficiency Toilet (HET) Rebate Programs:

Direct Install HET Program: Free toilets (including seats), and disposal of old toilets for replacing pre-1994 toilets; go to www.toiletprogram.com or call 1-(888) 878-6818 or (951) 956-2181

HET Rebates

High Efficiency Clothes Washer Rebates

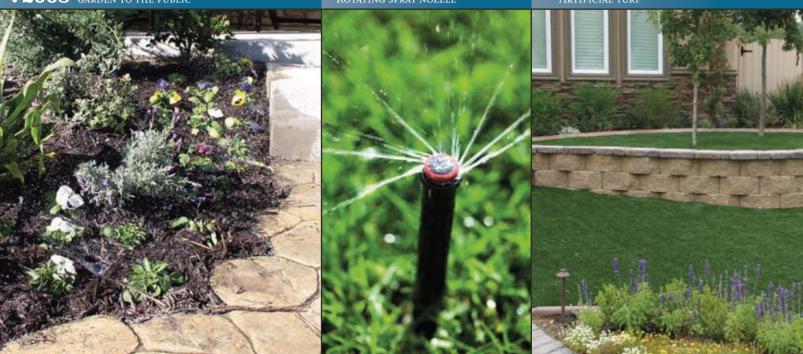
* Programs and rebates can change; please ensure eligibility by logging onto www.emwd.org for the qualified list or call (951) 928-3777, ext. 4517.

For more information, go to www.usewaterwisely.org or call EMWD conservation staff at (951) 928-3777 ext. 4221.

In the summer of 2008, EMWD will open ITS CALIFORNIA FRIENDLY DEMONSTRATION 2008 GARDEN TO THE PUBLIC

ROTATING SPRAY NOZZLE

Artificial turf



Public Meetings

EMWD's Board of Directors generally meet on the 1st and 3rd Wednesdays of each month. Work sessions begin at 9:00 a.m. and the public board meeting starts at 1:00 p.m.

If you wish to attend a meeting, please call the board secretary during normal business hours at (951) 928-3777, ext. 4235 to confirm meeting dates.

For more information, contact: (951) 928-3777, ext. 6337 www.emwd.org

Eastern Municipal Water District 2270 Trumble Road PO Box 8300 Perris, CA 92572-8300

EASTERN MUNICIPAL WATER DISTRICT

2007 Consumer Confidence Report ISSUED JULY **2008**



EMWD Focuses on Long-term Water Reliability

Diversity is key

Uncertainties with imported water supplies, infrastructure issues, regulatory requirements, environmental factors, and drought continue to challenge southern California water providers. EMWD realizes that these challenges cannot be solved by rain and conservation alone. Listed below are ways we are addressing these challenges.

- ◆ Legislative measures EMWD supports legislation that will fund local, regional, and state wide supply projects.
- Groundwater desalination EMWD owns and operates two plants in the Menifee/Perris area. The desalination process treats previously unusable salty groundwater and provides our customers with about 8 million gallons a day of drinking water.
- Water Use Efficiency Ordinance Recently passed Ordinance 72.23 requires water efficient landscapes in new development and allows us to penalize existing customers for outdoor water waste from run-off.
- ◆ Maximizing the use of recycled water EMWD is one of the top producers of recycled water within California. Our customers use recycled water for industrial processes, and to irrigate farms and large landscapes.
- Water Shortage Contingency Plan EMWD has a four-stage plan for responding to water supply shortages. Currently we are in a Stage One, which calls for a voluntary reduction of 20 gallons, per person, per day.

