

Water Conservation Plan (Plan)

I PROHIBITED PRACTICES

The following uses of water supplied by the City of Martinez have been determined to be wasteful and are prohibited at any time:

- a. failing to repair a leak in a customer's water system;
- b. permitting excess water run-off; watering outdoor landscapes in a manner that causes runoff;
- c. watering outdoor landscapes during or within 48 hours after measurable precipitation;
- d. watering of outdoor landscapes between the hours of 9:00 a.m. and 5:00 p.m.;
- e. washing vehicles with hoses not equipped with a shutoff valve;
- f. washing sidewalks, driveways, and other hard surfaces (except as required for health and safety);
- g. using potable water in non-recirculating fountains or decorative water features;
- h. irrigating ornamental turf on public street medians with potable water;
- i. irrigating landscapes of newly constructed homes/buildings in a manner inconsistent with state regulations; and
- j. otherwise failing to put water received from the City to reasonable and beneficial use.

II CITY INCENTIVES

In accordance California Governor Executive Order B-29-15 the City shall:

Mandatory

- a. In coordination with the Department of Water Resources and Contra Costa Water District (CCWD) the City shall provide incentives for customers to convert lawns and ornamental turf to drought tolerant landscapes.
- b. In coordination with the California Energy Commission, jointly with the California Department of Water Resources and the Water Board and CCWD provide appliance rebate programs for the replacement of inefficient household devices.

Current/Optional Programs

- a. Coupons for mulch for use in landscaping and for local car washes using recycled water
- b. Free conservation site surveys
- c. Outreach programs, workshops, and educational materials.
- d. Rebates for water efficient fixtures and landscape conversions
- e. Recycled water fill stations offered free of charge by local sanitary districts

III VIOLATIONS

Remedies for the prevention of water waste shall be in accordance with Chapter 7 of the Regulations Governing Water Service (Regulations). In addition to the remedies in the Regulations, and in order to enforce the water use prohibitions, the City has the discretionary ability to impose fines for the wasteful use of City treated water as follows:

- a. First offence: At the City's discretion the City will issue a Warning Notice and at the City's option fines up to \$250 for each offence.
- b. Second offence: At the City's discretion the City will issue a Warning Notice and at the City's option fines up to \$500 for each offence.
- c. Subsequent offences: At the City's discretion the suspension of service under existing City of Martinez Regulations Governing Water Service Chapter 7, Section 7.6, Prevention of Waste.
- d. Fines may be appealed to the City Manager of the City of Martinez.

If a customer fails to take action to stop wasteful use, the City may suspend delivery of water or install a device to restrict the flow of water to the customer, or terminate service until the City determines that there will be no further waste. All applicable fees for the installation or removal of a water restricting device or for disconnection or reconnection of service shall be borne by the customer.

IV EXCEPTIONS

Under extraordinary circumstances such as for medical purposes the City of Martinez Water Superintendent may wave all or portions of this Plan for customers on a case-by-case basis.

DISTRIBUTION SYSTEM COMPARATIVE STATISTICS

Year 2014	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Water Pumped (MG)	105.844	80.21	92.397	105.474	147.297	165.345	169.094	156.471	139.983	128.509	95.5	83.936	1470.06
Raw Water Meter	105.844	80.21	92.397	105.468	145.631	145.631	160.869	150.396	135.481	123.199	92.97	74.38	1412.476
Water Purchased \$	\$176,218.28	\$142,166.72	164,347.97	\$176,183.44	\$237,618.62	\$237,618.62	\$276,263.60	\$296,998.61	\$277,944.98	\$251,001.90	\$230,855.75	\$171,356.82	\$2,474,227.34
CCWD Quantity Meter	92,985,431	71,928,108	83,765,052	90,081,010	122,865,669	122,865,669	143,488,425	154,492,623	144,324,723	129,946,647	119,195,727	87,444,334	1,363,383,418
Total Backwash (MG)	1,991	1,567	1,937	2,093	2,488	2,449	2,310	2,260	1,847	2,050	1,308	981	23,281
Water Use Ozone (MG)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12
Water Use Sludge (MG)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.36
Total Water Used	1,992	1,568	1,938	2,094	2,489	2,450	2,311	2,261	1,848	2,051	1,309	982	23,293
Water Sold (MG)	130.906	97.669	95.921	101.358	130.615	139.237	220.368	157.324	201.551	143.717	159.841	101.166	1,680

4,334 ac/ft

Year 2013	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Water Pumped (MG)	92.599	89.39	112.399	134.29	174.992	189.839	198.814	191.291	169.505	153.62	117.852	103.674	1728.265
Raw Water Meter	88.14	88.665	117.641	136.905	117.29	192.427	196.618	191.616	169.505	153.62	117.852	103.674	1673.953
Water Purchased \$	\$146,263.04	\$150,980.35	\$190,930.48	\$228,294.17	\$281,807.79	\$272,178.53	\$324,261.81	\$352,330.65	\$291,562.40	\$264,036.23	\$201,027.05	176,294.48	\$2,703,672.50
CCWD Quantity Meter	79,012,253	78,935,597	100,936,980	121,513,979	150,985,075	145,832,800	174,516,182	189,974,295	156,507,913	141,348,662	106,648,156	93,027,399	1,539,239,291
Total Backwash (MG)	2,170	1,753	2,225	2,233	2,635	2,667	2,863	2,839	2,533	2,518	2,074	1,866	28,376
Water Use Ozone (MG)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12
Water Use Sludge (MG)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.36
Total Water Used	2,171	1,754	2,226	2,234	2,636	2,668	2,864	2,840	2,534	2,519	2,075	1,867	28,388
Water Sold (MG)	73.43	66.607	73.887	83.125	127.651	123.589	248.159	174.572	253.494	164.747	185.307	122.157	1,697

5,137 ac/ft

average 4,736 ac/ft

CONTRA COSTA WATER DISTRICT
Wholesaler Supply Information, June 15, 2016

**Volume of Water Available in the
Next Three Years (acre-feet)**

Table 1. Summary of CCWD Wholesale Supply Information

Urban Water Supplier	2017	2018	2019
CCWD's Retail Treated Water Service Area	31,634	31,634	31,634
City of Antioch	15,869	15,869	15,869
Golden State Water Company (Bay Point)	1,857	1,857	1,857
Diablo Water District	5,075	5,075	5,075
City of Martinez	4,736	4,736	4,736
City of Pittsburg	7,924	7,924	7,924

*Backup information and supporting calculations are provided below.

Table 2. Average Customer Deliveries, Acre-Feet

CCWD Customers	CY 2013	CY 2014	Average¹
Potable Uses			
CCWD's Retail Treated Water Service Area ²	33,769	29,499	31,634
City of Antioch	17,037	14,700	15,869
Golden State Water Company (Bay Point)	1,928	1,785	1,857
Diablo Water District	5,487	4,662	5,075
City of Martinez	5,137	4,334	4,736
City of Pittsburg	8,115	7,733	7,924
Other (canal system storage change, evaporation, and losses)	6,778	6,341	6,559
Potable Uses Total	78,250	69,054	73,652
Non-Potable Uses			
Major Industrial	27,419	28,294	27,856
Irrigation	1,976	1,620	1,798
Non-Potable Uses Total	29,395	29,914	29,654