

AR-1 IMPLEMENTATION OF
PHASE II OF THE WATER
CONSERVATION PLAN,
ENFORCEMENT PLAN AND
ADOPTION OF EXCESS USAGE
PENALTY SURCHARGE

DECEMBER 7, 2021



Background

In 2014, City Council adopted Ordinance 2014-10 which added new provisions to Chapter 13 of the Monrovia Municipal Code (MMC) and updated the city's water conservation programs.

June 2015, City Council adopted Ordinance 2015-05 which included language for various emergency water use reduction thresholds

<u>PHASE</u>	<u>EXISTING</u>	<u>PROPOSED THRESHOLDS</u>
I	Voluntary 10%	Voluntary 10%
II	Mandatory 10%	Mandatory 10%
III	Mandatory 20%	Mandatory 20%
IV	Mandatory 30%	Mandatory 28%
V	Mandatory 50%	Mandatory 40%
VI	Mandatory 60%	Mandatory 50%



Statewide Drought Emergency Declared

In July, Governor Newsom calls on Statewide conservation efforts

- Voluntary reductions of 15% (since July)

On October 19, Governor Newsom expands drought emergency statewide

- This revised declaration includes Los Angeles County

November 9, Metropolitan Water District board re-allocates funding for water conservation efforts

Based on direction from the city council, phase II restrictions have been proposed which requires 10% conservation



Ongoing Water Conservation Efforts

Local

Weekly conservation tips through social media, city manager weekly and website

Water conservation kits

Rebate programs through Upper San Gabriel Valley Municipal Water District and Metropolitan Water District

Compost and Mulch event in October 2021

Enhanced

Water Conservation efforts at city facilities and parks by 15%

Upcoming enhanced outreach efforts through water conservation calendar, social media and strategic advertisement opportunities.



Local Water Consumption

<u>Water Production in Gallons</u>						
	July	August	September	October	November	Total
2020	230,022,000	265,849,000	222,783,000	247,865,000	170,570,000	1,137,089,000
2021	243,871,000	233,771,000	213,699,000	202,793,000	180,905,000	1,075,039,000
Monthly + / -	13,849,000	-32,078,000	-9,084,000	-45,072,000	10,335,000	-62,050,000
Month-to-Month Comparison	6.02%	-12.07%	-4.08%	-18.18%	5.71%	-5.46%
Overall Conservation Effort		-3.68%	-3.80%	-7.49%	-5.46%	-5.46%



MMC 13.20 - Water Conservation

At the last council meeting, staff presented 6 phases of the MMC. Based on direction from city council, staff has proposed phase II mandatory water use restrictions:

Phase II consists of mandatory water use restrictions and mandatory water conservation of at least 10%. This phase becomes effective upon determination by the City Council that water usage should be reduced by at least 10% and that mandatory conservation measures are required. During Phase II, a customer whose water usage exceeds 90% of the base period allocation may be charged a penalty to be established by resolution of the City Council for each billing unit in excess of the base period allocation.



Phase II Restrictions

No person shall use a hose to wash any hardscapes except for sanitary purposes and with the use of a shutoff valve

Washing of motor vehicles and mobile equipment is restricted unless using of a shutoff valve

Water shall not be used for decorative or aesthetic purposes unless it is part of a recirculating system

All customers shall promptly repair all leaks within 48 hours of discovery

General watering restrictions on residential, commercial, industrial and public property. This includes provisions for considering time of day and weather.



Water Conservation Penalty

For customers who fail to reduce water usage by the required 10%, the proposed resolution would establish a penalty of up to two times the cost of a water billing unit for each billing unit in excess what is permitted.

One unit (748 gallons of water) = \$2.37

Per the existing ordinance, the 90% threshold would be based on water used during a previous billing period, in this case, 2020.



Example of Consumption over Conservation Target

<u>Current Consumption Charge</u>		
Read Details	Gallons	Units
Consumption (748 gallons/unit)	14,960	20
	Per Unit	
Current Consumption Charge	\$2.37	\$47.40

<u>Consumption Charge with Phase II Implemented</u>				
	Gallons	Units	Units over Conservation Target	
10% Reduction - Phase II	13,464	18	2	
	Per Unit		Per Unit Penalty	
New Consumption Charge	\$2.37	\$42.66	\$4.74	\$9.48
Total Cost				\$52.14

Important *Other* Policy Considerations

Should Council consider conservation efforts made prior to 2020?

- Ex: residential water customers reduced water usage by reducing landscape irrigation prior to 2020
- Some residents have not undertaken conservation efforts yet

Are there other policy reasons to allow greater water consumption during a drought?

- 1,450 residential properties in very high fire severity zone and regularly irrigated landscape can help prevent dangerous fire conditions
- Residents planted new trees which require greater irrigation during establishment



Outreach, Education and Next Steps

Council to provide direction as the pleasure of the Council

Staff would recommend that after approval of any conservation efforts, to provide a 30-day outreach period prior to enforcement. During this time, staff will send notification of mandatory Phase II restrictions to all customers

Continue direct outreach to the highest water users

Direct communication with the business community

Identify unique situations with accounts and find a resolution

Maintain and increase outreach efforts



Options and Recommendation

Option 1: Adopt resolution 2021-60, declaring the Stage II Water Emergency and implementing the proposed enforcement plan and excess usage penalty; or

Option 2: Do not adopt resolution 2021-60 and direct staff to conduct further research and revise the proposed implementation plan



Questions?

