

CITY OF ORLAND WATER CONSERVATION AND SHORTAGE CONTINGENCY PLAN

Adopted July 6, 2021

FUNCTION	ACTION	NORMAL OPERATIONS	STAGE 1 SHORTAGE	STAGE 2 SHORTAGE	STAGE 3 SHORTAGE	STAGE 4 SHORTAGE
<i>City Council will declare operational stages for Orland as needed depending on local resources, environmental conditions and State guidance.</i>						
TARGET USAGE	Measure and track	Resource supplies exceed demand and can meet expected population growth.	25% reduction in demand from base year 2013	30% reduction in demand from base year 2013	35% reduction in demand from base year 2013	50% reduction in demand from base year 2013
RESIDENTIAL USE	Irrigation of residential property	Metered usage,conservation encouraged, wasting prohibited per code (OMC 13.06.060). Rates include cost per volume used after a base allotment.	Customers are asked to increase conservation, eggregious instances called to attention of property owner.	Stage 1 + irrigation is limited to 3 days/week and hours per OMC 13.06.070. Irrigation when winds exceed 15MPH is discouraged.	Stage 2 + irrigation is limited to 2 days/week; daylight watering is prohibited. Irrigation when winds exceed 15MPH is prohibited.	Stage 3 + outdoor irrigation is prohibited.
COMMERCIAL USE	Irrigation of property and use in operations	Metered usage,conservation encouraged, wasting prohibited per code (OMC 13.06.060). Rates include cost per volume used after a base allotment.	Customers are asked to increase conservation, eggregious instances called to attention of property owner.	Stage 1 + irrigation is limited to 3 days/week and hours per OMC 13.06.070. Irrigation when winds exceed 15MPH is discouraged.	Stage 2 + irrigation is limited to 2 days/week; daylight watering is prohibited. Irrigation when winds exceed 15MPH is prohibited.	Stage 3 + outdoor irrigation is prohibited.
INDUSTRIAL USE	Industrial and ag use in operations	Metered usage,conservation encouraged, wasting prohibited per code (OMC 13.06.060). Rates include cost per volume used after a base allotment.	Customers are asked to increase conservation, 20% reduction from base year 2013 is encouraged, eggregious instances called to attention of property owner.	Stage 1 + 25% reduction is required.	Stage 2 + 35% reduction is required.	Stage 3 + 50% reduction is required.
CITY ADMIN	Public information	Continuous education outreach about water conservation generally.	Alerts on customer bills, social media, press releases.	Stage 1 + messages on city website, tips on conservation tactics, warnings of fines.	Stage 2 + letters to all customers that OMC 13.06.080 with fines is being implemented.	Stage 3 + information on where/how to obtain household water in the event of municipal resource curtailment.
	Enforcement of water use code OMC 13.080	Act on reported wasting, advise customers.	Act on reported and observed wasting, advise customers of city code and need to conserve.	Stage 1 + City employees identify water wasting and bring directly to attention of property owners, warn of fines for eggregious or persistent wasting.	Stage 2 + City hires and deputizes special enforcement staff to inspect entire City random hours and days, 20 hrs per week, report non-compliance for implementation of fines.	Stage 3 @ 40+ hrs per week
	Rates	Normal operations, normal rates: Base: \$61.35 bi-monthly up to 15,000 gallons, then \$1.65/1000 >15,000 gallons	Normal operations, normal rates: Base: \$61.35 bi-monthly up to 15,000 gallons, then \$1.65/1000 >15,000 gallons	Begin Tier rates Base: \$61.35 bi-monthly up to 15,000 gallons, then Tier 2: \$2.00/1000 gals 15,001-23,000 Tier 3: \$4.00/1000 gals 23,001-30,000 Tier 4: \$6.00/1000 >30,000	Continue Tiers, increase rates Base: \$61.35 bi-monthly up to 15,000 gallons, then Tier 2: \$3.00/1000 gals 15,001-23,000 Tier 3: \$5.00/1000 gals 23,001-30,000 Tier 4: \$7.00/1000 >30,000	Continue Tiers, increase rates Base: \$61.35 bi-monthly up to 15,000 gallons, then Tier 2: \$4.00/1000 gals 15,001-23,000 Tier 3: \$6.00/1000 gals 23,001-30,000 Tier 4: \$8.00/1000 >30,000
CITY PUBLIC WORKS & ENGINEERING	Well monitoring	Inspect well levels monthly and bi-annually report levels and production records to State	Normal ops + inspect well levels bi-monthly, report internally to city engineer and city manager.	Implement weekly inspections of well levels. Report 2/mo to City Council.	Continue Stage 2 + report to City Council weekly.	Continue Stage 3
	Parks and other public	Keep lawns and landscaping green with minimal waste.	Reduce irrigation and step up efforts to identify and fix leaks.	Stage 1 + additional reduction, allow for some browning.	Stage 2 + reduce irrigation to 3 days/week; increase browning.	Stage 3 + reduce irrigation to 2 days/week.
	City pool and splash pad	Operate as safe recreation for residents	Operate as safe recreation for residents. Limit hours at pad to 60 hours per week.	Stage 1 +limit hours at pad to 45 hours/week or only days > 90°.	Stage 2 + limit hours at pad to 35 hours/week or only days >95°. If pool is not yet filled for the season, do not fill it.	Close pad except >100°. If pool is not yet filled for the season, do not fill it.