



Figure E-3: Drought Stages, Trigger Guidelines, and Demand Reduction Targets

Response Measures	Voluntary	Warning	Severe	Emergency
	Shortage Index: 1.0 to 0.9 Total Target: 10% Irrigation Target: 20%	Shortage Index: 0.9 to 0.8 Total Target: 10% to 20% Irrigation Target: 20% to 35%	Shortage Index: 0.8 - 0.55 Total Target: 20% to 45% Irrigation Target: 35% to 80%	Shortage Index: Below 0.55 Total Target: more than 45% Irrigation Target: more than 80%
Utilize existing emergency interconnects with Lafayette and Left Hand Water District, if needed.	If needed, coordinate with Lafayette and Left Hand Water District to deliver additional supplies to Erie through its existing interconnects with these providers.	If needed, coordinate with Lafayette and Left Hand Water District to deliver additional supplies to Erie through its existing interconnects with these providers.	If needed, coordinate with Lafayette and Left Hand Water District to deliver additional supplies to Erie through its existing interconnects with these providers.	If needed, coordinate with Lafayette and Left Hand Water District to deliver additional supplies to Erie through its existing interconnects with these providers.
<b>Actions for Consideration</b>				
Use reuse water to preserve key landscape features under severe and emergency droughts.	n/a	n/a	Use reuse water to preserve key landscape features. (In areas not accessible by the non-potable distribution system, hauling of reuse water to key features may be needed).	Where circumstances allow, use reuse water to preserve key landscape features. (In areas not accessible by the non-potable distribution system, hauling of reuse water to key features may be needed).
Extend water supplies by using water of lesser quality than would normally use to meet needs while still meeting drinking water standards.	n/a	n/a	Extend water supplies by using water of lesser quality than would normally use to meet needs while still meeting drinking water standards. <sup>4</sup>	Extend water supplies by using water of lesser quality than would normally use to meet needs while still meeting drinking water standards. <sup>4</sup>

Table E-2: Demand-Side Response Measures

Response Measures	Voluntary	Warning	Severe	Emergency
	Shortage Index: 1.0 to 0.9 Total Target: 10% Irrigation Target: 20%	Shortage Index: 0.9 to 0.8 Total Target: 10% to 20% Irrigation Target: 20% to 35%	Shortage Index: 0.8 - 0.55 Total Target: 20% to 45% Irrigation Target: 35% to 80%	Shortage Index: Below 0.55 Total Target: more than 45% Irrigation Target: more than 80%
TOWN: Active Turf Recreation (Park zones that are heavily used. This includes regular programmed athletic events and spaces rented by the community). <sup>5,6</sup>	Target 10% savings relative to historical irrigation.	Target 20% savings relative to historical irrigation.	Target 20% to 35% savings relative to historical irrigation. Maintain athletic fields to level needed to ensure safety.	Watering limited to certain athletic fields. Athletic events may still be held on these fields at a reduced schedule.
TOWN: Passive Turf Recreation (Park zones of moderate use. Includes areas where the community recreates on an informal basis without a programmed schedule) <sup>5,6</sup>	Target 10% savings relative to historical irrigation.	Target 20% savings relative to historical irrigation.	Target 20% to 45% savings relative to historical irrigation. Irrigate enough to ensure survival.	Watering prohibited.
TOWN: Irrigated Native and Grasses (Parks, medians, and open space zones with little foot traffic). <sup>5,6</sup>	Target 10% savings relative to historical irrigation.	Target 20% savings relative to historical irrigation.	Target 20% to 45% savings relative to historical irrigation. Irrigation may be prohibited in certain areas. Decisions on what areas to maintain vs irrigate will be based on how to best minimize asset losses.	Watering prohibited.

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TOWN: Town Facilities (Turf grass on Town facilities). <sup>5,6</sup>	Target 10% savings relative to historical irrigation.	Target 20% savings relative to historical irrigation.	Target 20% to 45% savings relative to historical irrigation. Irrigate enough to ensure survival. Signs may be posted on dormant grass to educate community that the grass is dormant and can be revived once restrictions are over.	Watering prohibited.
TOWN: Shrubs and Perennial Plantings (Zones in Parks, Town facilities and medians). <sup>5,6</sup>	Target 10% savings relative to historical irrigation.	Target 20% savings relative to historical irrigation.	Target 20% to 30% savings relative to historical irrigation. Maintain irrigation to ensure survival.	Watering prohibited. Key shrubs may be watered just enough to ensure survival. Sprinkler system prohibited.
TOWN: Annual Plantings.	n/a	n/a	No irrigated annual plantings. Signs may be posted promoting need to save water.	Annual plantings prohibited. Signs may be posted promoting need to save water.
TOWN: Hydrants.	n/a	n/a	Reduce frequency of flushing while maintaining water quality.	Reduce frequency of flushing while maintaining water quality.
TOWN: Fleet vehicles (Including police vehicles).	Reduce washing frequency.	Limit washing to once per week.	No washing of fleet vehicles.	No washing of fleet vehicles.
TOWN: Ornamental fountains in parks and splash pad.	n/a	Ornamental fountains in parks are turned off and splash pads are turned off between 7 p.m. and 4 p.m. to avoid high evaporation during the day.	Ornamental fountains in parks and splash pads are turned off.	Ornamental fountains in parks and splash pads are turned off.
TOWN: Water efficiency activities that promote savings during a shortage.	Increase public outreach through water efficiency programs. Such programs may include: EyeOnWater, Green Business & HOA Certification program, Slow the Flow sprinkler consultations, smart irrigation control clock and automated rain sensor discounts and direct	Increase public outreach through water efficiency programs. Such programs may include: EyeOnWater, Green Business & HOA Certification program, Slow the Flow sprinkler consultations, smart irrigation control clock and automated rain sensor discounts and direct installs, turf replacement program (if	Increase public outreach through water efficiency programs. Such program may include: EyeOnWater, Green Business & HOA Certification program, Slow the Flow sprinkler consultations, smart irrigation control clock and automated rain sensor discounts and direct installs, turf replacement program (if	Increase public outreach through water efficiency programs. Such programs may include: indoor water audit and working with high water users.

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	installs, turf replacement program (if applicable), indoor water audits, and working with high water users.	applicable), indoor water audits, and working with high water users.	applicable), indoor water audits, and working with high water users.	
TOWN: Drought surcharge.	n/a	n/a	Consider drought surcharge.	Consider drought surcharge.
TOWN, RESIDENTIAL and COMMERCIAL: Trees (All irrigated trees within Erie's service area).	Voluntary Promote and apply best management practices to ensure efficient irrigation.	Voluntary Limit watering to hand-held hose or low-volume non spray on any day from 8 p.m. to 8 a.m.	Mandatory In areas where not irrigated with sprinkler system, limit watering to hand-held hose or low volume non spray two days a week from 8 p.m. to 8 a.m.	Mandatory Limit watering to just enough to ensure survival. Use hand-held hose or low-volume non spray from 8 p.m. to 8 a.m.
TOWN, RESIDENTIAL and COMMERCIAL: Indoor use.	n/a	Voluntary Public campaign encourages reductions.	Voluntary Public campaign encourages reductions.	Mandatory Public campaign encourages reductions. Fines/flow restrictors may be applied to abnormally high users.
TOWN AND RESIDENTIAL: High residential water users.	Provide outreach to high water users (billing at Tier 3 and 4) on how to reduce water use. Encourage free water audits.	Provide outreach to high water users (billing at Tier 3 and 4) on how to reduce water use. Encourage free water audits.	Provide outreach to high water users (billing at Tier 3 and 4) on how to reduce water use. Require free water audit and implementation of recommendations if water use remains at Tier 3 or 4 levels.	If applicable, provide outreach to high water users (billing at Tier 3 and 4) on how to reduce water use. Require free water audits and implementation of recommendations if water use remains at Tier 3 or 4 levels.
TOWN and COMMERCIAL: Large public irrigators (Colorado National Golf Club, school districts, landscapers, HOAs).	Coordinate with large public water users to optimize water efficiency and promote voluntary restrictions.	Coordinate with large public water users to optimize water efficiency and promote voluntary restrictions.	Coordinate with large public water users to optimize water efficiency and discuss impacts associated with mandatory restrictions.	If applicable, coordinate with large public water users to optimize water efficiency and discuss impacts associated with mandatory restrictions.
RESIDENTIAL & COMMERCIAL: Turf grass	Voluntary Eliminate waste with additional water savings encouraged. Watering should not exceed three times per week and only	Voluntary Eliminate waste. Additional water savings encouraged. Watering should not exceed two times per week and only occur from 8 p.m. to 8 a.m. per	Mandatory Eliminate waste and additional savings required. Watering should not exceed two times per week from 8 p.m. to 8 a.m. per Water Waste code.	Mandatory to Prohibit If allowed, watering should not exceed once per week from 8 p.m. to 8 a.m. per Water Waste code. Exceptions to timing may be made for those

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(residents, businesses, HOAs, and schools). <sup>7</sup>	occur from 8 p.m. to 8 a.m. per Municipal Code. Exceptions to timing may be made for those with large areas of irrigated turf or not on automated systems.	Water Waste code. Exceptions to timing may be made for those with large areas of irrigated turf or not on automated systems.	Exceptions to timing may be made for those with large areas of irrigated turf or not on automated systems.	with large areas of irrigated turf or not on automated systems.
RESIDENTIAL & COMMERCIAL: Shrubs, perennials, vegetable gardens (residents, businesses, HOAs, and schools)..	Voluntary Apply best management practices to water efficiently.	Voluntary Limit watering to hand-held hose or low-volume non spray on any day from 8 p.m. to 8 a.m.	Mandatory Limit watering to hand-held hose or low volume non spray two days a week from 8 p.m. to 8 a.m. Special cases may be made for vegetable gardens.	Mandatory to Prohibit If allowed limit watering to hand-held hose or low volume non spray two days a week from 8 p.m. to 8 a.m. Special cases may be made for vegetable gardens.
RESIDENTIAL & COMMERCIAL: New seed and sod (residents, businesses, HOAs, and schools)..	n/a	n/a	Mandatory Residents may apply for waiver to irrigate every day to establish vegetation for two-week period. Resident will receive signage from Town to post in front lawn explaining why exempted from restrictions.	Mandatory to Prohibit If allowed, residents may apply for waiver to irrigate every day to establish vegetation for two-week period. Resident will receive signage from Town to post in front lawn explaining why exempted from restrictions.
RESIDENTIAL & COMMERCIAL: New plantings including trees, shrubs, perennials (residents, businesses, HOAs, and schools).	n/a	n/a	Mandatory Limit watering to hand-held hose or low-volume non spray from 8 p.m. to 8 a.m.	Mandatory to Prohibit If allowed limit watering to hand-held hose or low-volume non spray from 8 p.m. to 8 a.m. Consider prohibiting new plantings if irrigation throughout community is prohibited. Special cases may be made for establishment of low water use vegetation.

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RESIDENTIAL & COMMERCIAL: Street, sidewalk, driveway, house/auxiliary structure cleaning and misting devices.	Voluntary Reduce/eliminate use of water for cleaning. Alternative cleaning methods encouraged.	Voluntary Reduce/eliminate use of water for cleaning. Alternative cleaning methods encouraged.	Prohibit Use of water for outdoor cleaning purposes is prohibited.	Prohibit Use of water for outdoor cleaning purposes is prohibited.
RESIDENTIAL & COMMERCIAL: Ornamental fountains.	n/a	Voluntary Shut off ornamental fountains.	Mandatory Shut off ornamental fountains. Special cases may be made for ponds containing fish or used for food production purposes.	Mandatory Shut off ornamental fountains. Special cases may be made for ponds containing fish or used for food production purposes.
RESIDENTIAL & COMMERCIAL: Private and public pools and hot tubs.	Voluntary Encourage use of covers & minimize filling.	Voluntary Encourage use of covers & minimize filling.	Voluntary Encourage use of covers & minimize filling.	Mandatory Require use of covers and minimize filling. Public works may coordinate filling events of public pools and hot tubs.
RESIDENTIAL & COMMERCIAL: Private car washing.	n/a	Encourage use of commercial car washes that use recycled water.	Consider prohibiting private car washing. Encourage use of commercial car washes that use recycled water.	Prohibit private car washing.
COMMERCIAL: Car washes without recycling.	Voluntary Promote best management practices to save water.	Voluntary Promote best management practices to save water.	Mandatory Must meet a standard of 40 gallons or less per vehicle.	Prohibit operations.
COMMERCIAL: Car washes with recycled water.	Voluntary Promote best management practices to save water.	Voluntary Promote best management practices to save water.	Voluntary Promote best management practices to save water.	Town review facilities to ensure water is being conserved at optimum levels. Modifications to operations may be required.
COMMERCIAL: Construction water.	Encourage efficient use of construction water.	Encourage efficient use of construction water.	Encourage efficient use of construction water.	Town may review use of construction water on a site-by-site basis to ensure water is being used at optimum efficiency.