

Table 1: Alert Stage No. 1 — Advisory Alert

| Indicator that Action is Needed | Action to be Taken |
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| <ol style="list-style-type: none"> 1. Standard Precipitation Index, SPI (-1.5 or less) and /or¹ 2. Delivery disruption in less than 24 hrs., forecasted storage in less than 1, and/or 3. Well level is slightly lower (less than 10%) than in recent years on the current date. 4. Staff assessment of system damage or contamination, repair duration, cost, fire hazard, weather forecasts, and other emergency conditions² warranting water curtailment. | <ol style="list-style-type: none"> 1. Call for Voluntary Reduction in All Water Use <ol style="list-style-type: none"> a. Limit watering Lawns, gardens, flowerbeds, or shrubbery to no more than every other day. b. Discontinue non-commercial washing of privately-owned vehicles, trailers and boats, except from a bucket and hose equipped with a shut-off nozzle which may be used for a brief rinse. c. Discontinue washdowns of sidewalks, driveways, patios, porches, parking areas, or other paved surfaces except by public agencies only for health and safety purposes. d. Fire hydrants will not be flushed unless necessary for water quality reasons. e. Notify all City departments, Klickitat County, and the City of Bingen. 2. Public Outreach Promoting Conservation (see contact list attached) <ol style="list-style-type: none"> a. Place door hangers calling for voluntary reduction. Start distribution of water conservation materials (i.e. WSDOH Water Conservation Guidelines No. 1, 2, and 3, see www.doh.wa.gov/dw/publications) b. Advising all customers of possible future curtailment steps and conditions that would require their implementation. c. Message on the city's website and app, use portable electric sign. d. Notify school districts and critical businesses such as breweries, hospitals, etc. <p style="text-align: center;">Messages</p> <p>"We may soon experience less-than-normal water supplies. Customers are advised that water use restrictions may become necessary to ensure we don't run out of water."</p> <p>"Please use water wisely. Refer to water conservation education materials."</p> <p>¹ — Monthly maps of the SPI may be found at the following website: http://drought.unl.edu/monitor/spi.htm or http://www.wrcc.dri.edu/spi/spi.htm. The SPI is calculated for a number of different time periods; the medium range period (6-12 months) is thought to be more indicative of drought conditions.</p> <p>² — Emergency conditions include a sudden casualty loss of a critical element of the water system (e.g., lightning strikes, dam breach, server line break on a water main, mechanical failures in one of the water treatment plants, reservoir collapse, electrical failure, etc.)</p> |

Table 2: Alert Stage No. 2 — Water Warning

| Indicator that Action is Needed | Action to be Taken |
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| <ol style="list-style-type: none"> 1. Standard Precipitation Index, SPI (-1.5 or less) and /or 2. Delivery disruption in less than 24 hrs., forecasted storage between 1 to 2 days, and/or 3. Well level is slightly lower (less than 30%) than in recent years on the current date. 4. Staff assessment of system damage or contamination, repair duration, cost, fire hazard, weather forecasts, and other emergency conditions¹ warranting water curtailment. | <ol style="list-style-type: none"> 1. Implementation of Rates and Measures — implement curtailment water rates and enforcement measures. Enforcement consists primarily of advisories and written warnings along with copies of schedules and restrictions. 2. Mandatory Reductions in Water Use <ol style="list-style-type: none"> a. Restrict watering to alternate day (every other day) water schedule for lawns, gardens, flowerbeds, and shrubs. All nonessential irrigation shall be discontinued. All necessary irrigation shall be conducted every other day. Even addresses would be allowed to water on even-numbered days and odd addresses on odd-numbered days. All watering will be restricted to the hours of 8 p.m. to 8 a.m. b. Use of water for washing any privately-owned vehicle, boat, or trailer is prohibited, except at a commercial fixed washing facility or from a bucket and hose equipped with a shut-off nozzle that may be used for a brief rinse. c. Use of non-recycled water in a fountain, pond, or pool for aesthetic or scenic purposes is prohibited, except where necessary to support fish life. d. No person shall cause or permit water to run to waste in any street, gutter, ditch, trench, or drain. e. Use of water for dust or erosion control at construction sites is prohibited, unless for safety or air quality reasons, or unless required by an approved 1200 C NPDES permits. f. Withdrawing water from hydrants is prohibited except for purposes of fire suppression or emergency situations, without the express authorization by the Water Board or Utilities Superintendent. 3. Public Outreach to Community — weekly public information briefings and conditions updates. Distribute copies of mandatory measures for water use reduction, watering schedule, water curtailment rates, and additional water conservation material. |
| | <p style="text-align: center;">Messages</p> <p>“We are seeing a continuing decline in our source water supply and are experiencing less-than-normal water supplies. We need to impose mandatory water use restrictions. Until further notice, everyone is required to conserve water in the following ways: (see 2a-f) “We respectfully request customers to conserve water” by implementing water conservation measures.”</p> <p>¹ — Emergency conditions include a sudden casualty loss of a critical element of the water system (e.g., lighting strikes, dam breach, sewer line break on a water main, mechanical failures in one of the water treatment plants, reservoir collapse, electrical failure, etc.)</p> |

Table 3: Alert Stage No. 3 — Water Emergency

| Indicator that Action is Needed | Action to be Taken |
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| <ol style="list-style-type: none"> 1. Standard Precipitation Index, SPI (-2 or less) and /or 2. Delivery disruption in less than 24 hrs., forecasted storage less than 1 day, and/or 3. Well level is slightly lower (less than 50%) than in recent years on the current date. 4. Staff assessment of system damage or contamination, repair duration, cost, fire hazard, weather forecasts, and other emergency conditions¹ warranting water curtailment. | <ol style="list-style-type: none"> 1. All Stage No. 2 prohibited activities are also forbidden under Stage No. 3 2. Curtailment Rates and Measures Remain In Place — Violators of measures will be issued citations. 3. Mandatory Reductions in Water Use <ol style="list-style-type: none"> a. Water to customers will be allotted based on the number of persons living in each household (e.g., 75 gallons/capita) or per household. b. Prohibit initial filling and refilling of swimming pools and other structures (e.g., fountains, ponds, or pools) for aesthetic or scenic purposes. c. Prohibit the use of water in any air conditioner or air-cooling mechanism. d. Watering of any lawn, landscaping bushes, shrubs, and trees is prohibited. e. Watering of any vegetable or flower garden or fruit tree is restricted to watering by hand using either a hose with a self-closing nozzle, a container (e.g., bucket), or a drip irrigation system. f. Use of water for washing any vehicle, boat, or trailer is prohibited. 4. Continue Public Outreach to Community — daily public information briefings and conditions updates. Distribute copies of mandatory measures for water use reduction, watering schedule, water curtailment rates, and additional water conservation materials. 5. Surcharging pricing Struction — Implement a surcharge pricing structure for water use over the allotted use. 6. Prohibition on New Services and Sales — prohibit new hook-ups to the City's water system and cease the sale of water to users not currently on the system. |
| | <p style="text-align: center;">Messages</p> <p>“We are seeing a continuing decline in our source water supply and are experiencing less-than-normal water supplies. We need to impose mandatory water use restrictions. Until further notice, everyone is required to conserve water in the following ways: (see 3a-f) “We respectfully request customers to conserve water” by implementing water conservation measures.”</p> <p>¹ — Emergency conditions include a sudden casualty loss of a critical element of the water system (e.g., lighting strikes, dam breach, server line break on a water main, mechanical failures in one of the water treatment plants, reservoir collapse, electrical failure, etc.)</p> |

Table 4: Alert Stage No. 4 — Critical Water Emergency

| Indicator that Action is Needed | Action to be Taken |
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| <ol style="list-style-type: none"> 1. Delivery disruption with forecasted water consumption and /or 2. Health hazard created by contamination of the potable water supply, and/or 3. Well level is unsafe for pumping, and/or. 4. Staff assessment of system damage or contamination, repair duration, cost, fire hazard, weather forecasts, and other emergency conditions¹ warranting water curtailment. | <ol style="list-style-type: none"> 1. Mandatory Rationing — City of White Salmon will discontinue potable water service through its normal distribution system. <ol style="list-style-type: none"> a. If water remains in the City’s water reservoir tank, water may be provided in small quantities to residents in their containers either directly from the tank or location within the City. Users are advised to boil the obtained water unless otherwise directed by the City Council, City Administrator, or his authorized representative. b. If water is not available in the City’s water reservoir tank, the City will locate a source of potable water and have it delivered to White Salmon. Small quantities of potable water (either bottled or trucked) would be provided to residents. 2. Contaminated Water Supply / Boiling Water Order — The City will issue an order for all potable water obtained from the City’s water system to be boiled for three to five minutes before using until further advised by the City. <p style="text-align: center;">Messages</p> <p><u>Mandatory Rationing</u> “You may obtain water for emergency use from the storage reservoir or from an outside source at the following location _____. We will be available to assist you from _____ to _____ to call (509) 493-1133...”</p> <p><u>Contaminated Water Supply / Boiling Water Order</u> “If you use water from the City’s potable water system, boil it for three to five minutes and let it cool before using.”</p> <p>¹ — Emergency conditions include a sudden casualty loss of a critical element of the water system (e.g., lighting strikes, dam breach, sewer line break on a water main, mechanical failures in one of the water treatment plants, reservoir collapse, electrical failure, etc.)</p> |