

Drought Contingency Plan

Berkeley County Public Service Water District
83 Monroe Street
PO Box 737
Martinsburg, WV 25402-0737

Adopted by the Board of Directors on January 14, 2002
Amended by the Board of Directors on February 14, 2002

DROUGHT

Effects:

Drought effects - overflow at District springs becomes negligible or non-existent, ground water table drops drastically as measured in District wells, a reduction in the Potomac River flow, and water levels in District owned quarries begin to drop.

Monitoring:

Parameters to measured are

- a. overflow at District springs
- b. water levels in District wells
- c. flow in the Potomac River
- d. water levels in District quarries

WATER CONSERVATION MEASURES

Action to implement any stage of this Drought Contingency Plan will be considered by the Berkeley County Public Service Water District Board of Directors when parameters as listed indicate action is necessary to protect the health and welfare of customers of the District. Different areas of the distribution system are supplied by different water sources which may require that portions of the county be required to implement a stage or stages of this plan prior to it becoming necessary in other areas served by the District.

Stage I – Voluntary Water Conservation Measures

Parameters

Bunker Hill: Overflow becomes non-existent at LeFever Spring and pumping from Baker Lakes quarries is required to satisfy demand.

Glenwood Forest: Water level in Well No. 6 falls to 20' above air line

Hedgesville: Overflow becomes non-existent at Ben Spec Spring and water must be supplied from Potomac River Plant to satisfy demand.

Potomac River Plant: When the State of Maryland declares a Drought Watch for the Central Maryland Region

Action

1. Eliminate washing of streets, driveways, parking lots, sidewalks and the exterior of buildings.
2. Eliminate non-commercial automobile and truck washing unless using a bucket or other container not exceeding three (3) gallons.
3. Locate and repair all leaks in faucets, toilets and water using appliances.
4. Use automatic washing machines and dishwashers only with full loads. Preferably wash dishes by hand.
5. Reduce the number of toilet flushes per day and reduce water used per flush by installing toilet tank displacement inserts in conventional commodes.
6. Take shallower baths and shorter showers.
7. Install water saving low flow restrictors in showerheads and faucets.
8. Turn off shower while soaping; turn off faucet while brushing teeth, etc.
9. Use sink and tub stoppers to avoid wasting water.
10. Keep bottles of chilled drinking water in the refrigerator.
11. Eliminate the serving of water in restaurants, clubs or other eating places unless specifically requested by the individual.
12. Posting of conservation notices in commercial establishments, including apartment complexes.
13. Keep a high level of public awareness of water conservation and the possibility of Mandatory Conservation Measures/Water Restrictions.

Stage II – Mandatory Water Conservation Measures – Water Restrictions

Parameters

Bunker Hill: Production at LeFever Springs continues to decrease and pumping water from Baker Lakes quarries has resulted in a lowering of the water level there to 25' below normal.

Glenwood Forest: Water level in Well No. 6 falls to 15' above air line

Hedgesville: Production at Ben Spec Spring continues to decrease and the amount of water supplied from Potomac River Plant to satisfy demand is increased.

Potomac River Plant: When the State of Maryland declares a Drought Warning for the Central Maryland Region

Action

Non-essential water uses as follows are “**PROHIBITED**”:

1. Approval of **New** water main extensions will be discontinued.
2. Washing of streets, driveways, parking lots, sidewalks and the exterior of buildings.
3. Non-commercial washing of automobiles and trucks.
4. Serving of water in restaurants, clubs or other eating places unless specifically requested by the individual.
5. Ornamental water uses such as fountains, artificial waterfalls and reflecting pools.
6. Watering of lawns on even numbered days.
7. Watering of golf course fairways on odd numbered days.
8. All other uses not essential to public health and welfare.

Stage III – Water Rationing Plan as approved by the West Virginia Public Service Commission

Parameters

Bunker Hill: Production at LeFever Springs continues to decrease and the water level in the Baker Lakes quarries continues to fall after Stage II is implemented.

Glenwood Forest: Water level in Well No. 6 continues to fall after Stage II is implemented.

Hedgesville: Production at Ben Spec Spring continues to decrease and the amount of water supplied from Potomac River Plant continues to increase after Stage II is implemented.

Potomac River Plant: When the State of Maryland declares a restriction stage in the Washington Metropolitan Area (WMA) under provisions of the Potomac River Low Flow Allocation Agreement.

Action

If Mandatory Conservation Measures/Water Restrictions fail, it will then be necessary to implement a Water Rationing Plan as authorized by Title 150, Legislative Rules PUBLIC SERVICE COMMISSION of West Virginia, Series 20. See attached plan titled “MANDATORY WATER USE RESTRICTIONS For all customers of the Berkeley County Public Service Water District “.