

## Stage 1 – Voluntary Water Conservation

- A. Trigger Point – These actions will occur when the daily flow in Standing Stone Creek has dropped to 16.0 mgd or 2 inches (continuously for a 4 week period) above the sharp crested weir on the dam spillway.
- B. The goal of the voluntary restrictions is to achieve a 5 to 10% reduction in water usage.
- C. Voluntary Demand Restrictions – Customers will be asked to voluntarily comply with the following actions:
  - 1. Locate and repair all leaks in faucets, toilets and water-using appliances.
  - 2. Adjust all water-using appliances to use the minimum amount of water in order to achieve the appliance's purpose.
  - 3. Use automatic washing machines and dishwashers only with full loads. Preferably, wash dishes by hand.
  - 4. Take shorter showers and shallower baths. Turn off shower while soaping; turn off faucet while brushing teeth, etc.
  - 5. Install water-saving devices on all showerheads and toilets where possible.
  - 6. Reduce the number of toilet flushes per day. Each flush uses about five (5) gallons. Reduce water used per flush by installing toilet tank displacement inserts.
  - 7. Use sink and tub stoppers to avoid wasting water.
  - 8. Keep bottle of chilled drinking water in refrigerator.
  - 9. Read the meter to determine the household's daily meter use.
- D. Voluntary Demand Restrictions for Non-Residential Customers – Customers will be asked to voluntarily comply with the following actions:
  - 1. Identify and repair all leaky fixtures and water-using equipment. Special attention is to be given to equipment connected directly to the water line, such as processing machines, steam-using machines, washing machines, water-cooled air conditioners and furnaces.
  - 2. Assure that the valves and solenoids, which control water flows, are shut off completely when the water-using cycle is not engaged.
  - 3. Adjust water-using equipment to use the minimum amount of water required to achieve its stated purpose.
  - 4. Shorten rinse cycles for laundry machines as much as possible; lower water levels should be implemented wherever possible.
  - 5. Temperature settings of hot water for showers should be set down at least 10 degrees to discourage lengthy shower taking.
  - 6. Where plumbing fixtures can accommodate them, flow restricting or other water-saving devices should be installed.
  - 7. Review usage patterns to see where other savings can be made.
  - 8. For processing and cooling and other uses where possible, either reuse water or use from sources that would not adversely affect public water supplies.

9. Advise employees, students, patients, customers and other users, not to flush toilets after every use. Install toilet tank displacement inserts; place flow restrictors in showerheads and faucets; close down automatic flushes overnight.
  10. Adjust flushometers and automatic flushing valves to use as little water as possible or to cycle at greater intervals.
  11. Encourage water-consciousness by placing water saving posters and literature where employees, students, patients and customers, etc., will have access to them.
  12. Customers should read water meters on a frequent basis to determine consumption.
- E. Voluntary conservation restrictions will be publicized to all customers of the Borough's Water System via the local media.
- F. All non-essential water customers will be limited to the greatest extent possible.