



TOWN OF ORIENTAL  
PO Office Box 472  
Oriental, North Carolina 28571  
(252) 249-0555 ~ Fax (252) 249-0208  
www.townoforiental.com  
manager@townoforiental.com

RESOLUTION 2023-06 FOR APPROVING WATER SHORTAGE RESPONSE PLAN

WHEREAS, North Carolina General Statute 143-355 (l) requires that each unit of local government that provides public water service and each large community water system shall develop and implement water conservation measures to respond to drought or other water shortage conditions as set out in a Water Shortage Response Plan and submitted to the Department for review and approval; and

WHEREAS, as required by the statute and in the interests of sound local planning, a Water Shortage Response Plan for Oriental Water System has been developed and submitted to the Mayor and Board of the Town of Oriental for approval; and

WHEREAS, the finds that the Water Shortage Response Plan is in accordance with the provisions of North Carolina General Statute 143-355 (l) and that it will provide appropriate guidance for the future management of water supplies for Oriental Water System, as well as useful information to the Department of Environment and Natural Resources for the development of a state water supply plan as required by statute;

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Board of the Town of Oriental that the Water Shortage Response Plan entitled, Water Shortage Response Plan dated April 4, 2023, is hereby approved and shall be submitted to the Department of Environment and Natural Resources, Division of Water Resources; and

BE IT FURTHER RESOLVED that the Mayor and Board of the Town of Oriental intends that this plan shall be revised to reflect changes in relevant data and projections at least once every five years or as otherwise requested by the Department, in accordance with the statute and sound planning practice.

This the 4th day of April, 2023..

Name: Sally T. Belangia

Title: Mayor

Signature: Sally T Belangia

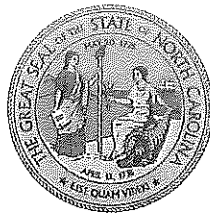
ATTEST:

Diane H. Miller  
Diane H. Miller, Clerk

ROY COOPER  
Governor

ELIZABETH S. BISER  
Secretary

RICHARD E. ROGERS, JR.  
Director



NORTH CAROLINA  
Environmental Quality

March 1, 2023

*Recd  
3/6/23  
JCL*

**Oriental**

Diane H. Miller, Town Manager  
PO Box 472  
Oriental, NC 28571

**Re: Water Shortage Response Plan 5-Year Update**

Dear Water System Manager or Administrator:

All local governments and community water systems subject to G.S. 143-355(l) are required to update their Water Shortage Response Plan (WSRP) based on their procedures for revising and updating their plan in order to improve plan effectiveness and adapt to new circumstances. An updated or reviewed WSRP is due to the Division of Water Resources (DWR) no later than **June 1, 2023**.

Revised or reviewed plans can be submitted through DWR's Local Water Supply Plan dashboard at <https://www.ncwater.org/WUDC/app/LWSP/dashboard.php>. To review or submit your WSRP update, click the "WSRP" tab after logging in. Your most recent plan can be viewed by clicking the "download" link near the top of the WSRP page. After review and any modification, the updated WSRP can be uploaded by browsing for the new file and then clicking "Upload" button to submit your revised WSRP for review. If no changes are required, please upload the current WSRP or send an electronic copy to the review engineer listed in the following paragraph. DWR will review the WSRP for completeness and send you a letter approving the WSRP. The WSRP will then need to be adopted by your Town Council or Board. A copy of the resolution should then be mailed or sent electronically to your review engineer.

If you have questions about updating or submitting your revised Water Shortage Response Plan, please contact your review engineer, Louis Murray, at 919-707-9017 or [louis.murray@ncdenr.gov](mailto:louis.murray@ncdenr.gov) or other DWR staff at (919) 707-9000. We encourage anyone who needs assistance to contact DWR prior to the deadline. We appreciate this opportunity to work with you to assure that North Carolina can meet its future water needs.

Sincerely,

A handwritten signature in black ink that reads "Linwood E. Peele".

Linwood Peele  
Water Supply Planning Branch, Supervisor



North Carolina Department of Environmental Quality | Division of Water Resources  
512 North Salisbury Street | 1611 Mail Service Center | Raleigh, North Carolina 27699-1611  
919.707.9000

Town of Oriental

Water Shortage Response Plan Ordinance 2009  
(updated April 2023)

Section 1. **Purpose.** The purpose of this Plan is to provide for the declaration of official phases of water supply shortages and the implementation of voluntary and mandatory water conservation measures throughout the Utility's service area in the event a shortage is declared.

Section 2. **Authority to Implement.** When conditions dictate, the Town of Oriental's Public Works Supervisor and the Town Manager under the Direction of the Town's Mayor, may shall implement a Water Shortage Response Plan (WSRP). Conditions, which may require the WSRP to be enacted, are outlined in Section 4.

Town Manager: Diane Miller  
252-249-0555  
[manager@townoforiental.com](mailto:manager@townoforiental.com)

Public Works Director: Andrew Cox  
252-876-2826  
[andrewcox@townoforiental.com](mailto:andrewcox@townoforiental.com)

Section 3. **Notification.** When a Water Shortage Response Plan is enacted, the Town of Oriental's Public Works Supervisor shall notify via telephone or cell phone the Town Manager, the Town Mayor, and the Operator in Charge (ORC). In turn, it shall be the duty of the Town Manager and the Mayor of the Town of Oriental to notify all local media outlets (television stations, newspaper(s), radio stations), and to place a notice on the Town's website, and shall initiate an electronic mail notification (e-mail) to be sent to all persons listed on the Town's emergency contact list. Should the emergency last for a period in excess of 72 hours, a direct mail message shall be sent to each customer of the Town's water plant notifying such persons in writing of the existence of the emergency, the Town's chosen solution, and convey other pertinent information regarding the Water Shortage Response Plan implemented. All required response measures shall be included in all written communication with water customers and in all media messages conveyed to the general public.

Section 4. **Factors Requiring Implementation of the Water Shortage Response Plan.** Several parameters or conditions may require the Town of Oriental to begin the WSRP. These include but may not be limited to significant reductions in well water levels, a significant increase in pump run times for the predetermined total flow at the well(s), contaminants in the water

Phases will be enacted in the following order:

system, acts of terrorism, vandalism, main breaks, and natural disasters. If the factors listed above reduce well water levels or pump run times, or by any event, or combination of events, prevent the water system from delivering water, WSR

Phase I will be enacted if a 20% reduction in normal well water levels is noted or if pump run times increase 20% in order to maintain previous rates or any other event which causes a 20% reduction in the water system's capacity.

Phase II will be enacted if a 40% reduction in normal well water levels is noted or if pump run times increase 40% in order to maintain previous rates or any other even which causes a 40% reduction in the system's capacity.

Phase III will be enacted if a 60% reduction in normal well waters levels is noted or if pump run times increase 60% in order to maintain previous rates or any other event which causes a 60% reduction in the system's capacity.

Section 5. **Water Use Classification.** In order to facilitate a fair and equitable WSRP, every water use will be grouped into one of three classifications.

**Class I- Essential Water Uses**

These uses include but may not be limited to water use required to/for:

- Sustain human life and the lives of domestic pets
- Maintain minimum standards of hygiene and sanitation
- Health care uses necessary for patient care and rehabilitation
- Firefighting, including training and drills as approved by the Town's Mayor

**Class II - Socially or Economically Important Water Uses**

These include but may not be limited to water use required to/for:

- Preserve commercial vegetable gardens, fruit orchards, nursery stock, aquaculture, and livestock maintenance
- Outdoor commercial watering, public or private
- Establishing vegetation, after construction/earth moving activities
- Filling and operation of municipal or private swimming pools provided that these swimming pools serve 25 or more residents
- Operation of commercial car washes, restaurants, Laundromats, clubs, schools, churches and other similar establishments

**Class III- Non-Essential Water Uses**

These uses include but, may not be limited to:

- Operation of water fountains, ornamental pools and recreational swimming pools
- Non-commercial washing of motor vehicles, sidewalks, house, etc
- Non-commercial watering of gardens, lawns, parks, playing fields and other recreational areas

Section 6. **Phased WSRP and Water Use Reduction Goals.** When the WSRP is implemented, the below phased approach will be followed:

**Phase I- Voluntary Conservation**

This phase will be enacted when it is determined that one or more of the parameters outlined in Section 3 is met. If this occurs, the consumers will be notified promptly by any or all of the following: mailers, door hangers, public postings at the Town Hall, Post Offices, Town Website etc. The public will be asked to begin voluntary conservation measures and Class III Non-Essential uses will be halted. Specific conservation measures and tips can be seen on Attachment L

Continued water consumption by Class III, non-essential users will result in a written notice of violation for the first offence and a \$25 fine for each subsequent offense.

If the determining parameters(s) return to seasonal norms, the measures will be lifted. However, failure of the determining parameter(s) to return to the state of seasonal normalcy may require the initiation of Phase II.

**Phase II - Mandatory**

This phase will begin when the Town Public Works Supervisor issues a water shortage advisory. The consumers will be notified by one of the methods noted in Phase I. All users will be required to adhere to the voluntary conservation measures as noted in Attachment 1. Class III uses will be banned. Class II uses will be allowed although outdoor vegetative watering will be limited according to the resident's street address. Even numbered addresses will be allowed to water on even days of the month. Odd numbered addresses will be allowed to water on odd days of the month.

During Phase II, industrial facilities will be required to develop and demonstrate to the Town Manager a water shortage response program. This program should show, at least, a 25% reduction in water usage.

Failure to adhere to the Phase II (Mandatory) required conditions will result in written notice of violation for the first offense and/or a \$50 fine. Thereafter, each violation increases by a factor of \$50. Any violation past a fourth offense shall result in a disruption of water service to the offending party until Phase II has been rescinded.

### Phase III - Emergency

This phase will commence with the issuance of a water shortage emergency declaration from the Town's Public Works Supervisor. Users will be notified by any or all of the methods noted in Phase I. All users will be required to use voluntary conservation measures outlined in "Attachment 1". Class III uses will be banned and Class II uses will be allowed with the exception of vegetative watering. Industrial users will be required to implement their water reduction program immediately.

Failure to comply with the mandates during Phase III will require the offending party to pay \$100 fine for the first offense, \$350 fine for the second offense and disruption of service for the third offense.

In addition, residential users will be allotted 1000 gallons per month per person per connection. If the user uses 1001 -1250 gallons per month per person per connection, a surcharge of 25% will be added to the monthly water bill. If the user uses 1251 - 1500 gallons per month per person per connection, a surcharge of 75% will be added to the monthly water bill. If the user uses 1501 or more gallons per month per person per connection, a surcharge of 150% will be added to the monthly water bill.

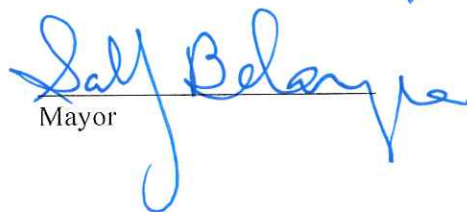
Commercial, industrial and institutional facilities will be required to reduce their monthly water consumption by 25% of the previous 12 month water consumption average to maintain the current water rate for that month. The average water use can be evaluated on an individual basis for facilities with seasonal demand fluctuations. A 10- 24% water use reduction from the previous 12 month water use average will require the Town to impose a 25% surcharge on the monthly water bill. A 0 - 9% water use reduction from the previous 12 month water use average will require the Town to impose a 50% surcharge on the monthly water bill. An increase of 1 - 25% above the previous 12 month water use average will result in a surcharge of 100% added to the next monthly bill. Any amount used above 25% of the previous 12 month average water use will require the Town to add a surcharge of 150% to the monthly bill.

Section 7. **Enforcement.** Enforcement of mandatory conservation will be the responsibility of the Public Works Supervisor under the direction of the Town Manager and the Mayor. Associated fines will be the responsibility of the Town Manager and the Mayor.



- Section 8. **Water Shortage Response Plan Cancellation.** As the determining parameter(s) decrease in severity and return to acceptable levels, the Town will lift the WSRP. The cancellation process will be in the reverse order of the WSRP implementation.
- Section 9. **Review and Comments.** The residents will be given an opportunity to review the WSRP at the Town of Oriental office. Comments can be given in writing to the Town Manager and/or Town Mayor. The ORC for the Town of Oriental shall be responsible for any review/revision of the WSRP.
- Section 10. **Variance.**
- a. Process. Variance. request will be given to the Town Manager in writing. This will be presented to the Town Board of Commissioners for considerations.
  - b. Granting. The Town Board of Commissioners will grant variance based on us age, length of time, alternative source, social and economic importance, and impact on water demand.
- Section 11. **Effectiveness of WSRP.** The WSRP effectiveness will be based on the frequency that it is activated, time period in which the activations occur, number of violations/citations handed out, and amount of time taken to raise the% of water capacity.
- Section 12. **Revisions.** The WSRP will be reviewed on a yearly basis and/or after each occurrence of water reductions.
- Section 13. **Effective Date.** The WSRP shall take effect immediately upon approval by the Town Board of Commissioners.

ADOPTED THIS 4th DAY OF April, 2023

  
Mayor

ATTEST:

  
Clerk