

City of Raleigh	Stage 1 - Effective August 28, 2007
Fines	1 st Violation - \$200 2 nd Violation - \$1,000 3 rd Violation – Interruption of Service
Grounds Management	<ul style="list-style-type: none"> • Reduce watering schedule from three days a week to one day (Wednesday) for turf and ornamental irrigation (except drip irrigation). • Hand held hose watering can be done Wednesdays from 6 AM – 10 AM. • Vehicles washed only at Facilities Operations approved water reuse facility (80% water is reused). • All decorative fountains stopped and water drained for reuse. <p>** Athletic fields (safety reasons), preventative maintenance on water systems, and city-permitted watering are exempt from Stage I Restrictions per City of Raleigh. **</p>
Building Maintenance & Operations	<ul style="list-style-type: none"> • All Leaks Code 1 and should be repaired within 24 hrs. • Vehicles washed only at Facilities Operations approved water reuse facility. • Write work requests to check conductivity controllers and water control valves on cooling towers.
University Dining	<ul style="list-style-type: none"> • Water served only upon request. • Review water uses, install recycle systems where feasible. • Create and distribute a water conservation awareness flyer targeting all building users within the Dining area of operation.
University Housing	<ul style="list-style-type: none"> • All Leaks Code 1 and should be repaired within 24 hrs. • Create and distribute a water conservation awareness flyer targeting all building users within the Housing area of operation.
Housekeeping	<ul style="list-style-type: none"> • Cease washing of areas such as sidewalks, driveways, patios prohibited, except for sanitary reasons. • No window or power washing.
Athletics	<ul style="list-style-type: none"> • Water every other day, except for safety reasons on fields. • Adjust control valves in the urinals to conserve water.
Talley Student Center, Price, & Witherspoon	<ul style="list-style-type: none"> • Create and distribute a water conservation awareness flyer targeting all building users within the Talley Student Center area of operation.
Utilities & Engineering Services	<ul style="list-style-type: none"> • Write work requests to check conductivity controllers and water control valves on cooling towers. • Suspend fire hydrant flushing. • Convene NCSU Conservation Awareness Team (CAT) to update conservation strategies and educational outreach with the City of Raleigh. • Coordinate and disseminate the NCSU water conservation plan throughout campus in response to the City of Raleigh and the Governor’s mandates on water conservation. • Monitor consumption levels to measure progress.
Other	<ul style="list-style-type: none"> • Follow all rules above and those from City of Raleigh.

Updated October 17, 2007



Stage 2 Effective October 22, 2007

Fines	1 st Violation - \$1,000 2 nd Violation - Interruption of Service	
Grounds Management	<ul style="list-style-type: none"> • Cease all non-essential watering including drip irrigation systems. • Essential plant vegetation watering to be pulled from Lake Raleigh (non-potable). • Convert additional truck(s) to use non-potable Lake Raleigh water for plant material instead of City of Raleigh water. 	<ul style="list-style-type: none"> • Cease all vehicle washing except for sanitary reasons. • All decorative fountains campus wide stopped and water drained for reuse.
Building Maintenance & Operations	<ul style="list-style-type: none"> • All leaks Code 1 should be repaired within 24 hrs. • Write work requests to check conductivity controllers and water control valves on cooling towers. • Convert high-flow to low-flow toilets at DH Hill Library and Harrelson Hall. • Cease all vehicle washing except for sanitary reasons. 	<ul style="list-style-type: none"> • Suspend fire alarm testing. • Eliminate fire pump testing. • Eliminate water flow in testing of sprinkler systems. • Review procedures at animal washing rooms for water saving opportunities. • Review process cooling applications and eliminate once through cooling.
University Dining	<ul style="list-style-type: none"> • Water served only upon request. • Use disposable products instead of washing wherever possible. 	<ul style="list-style-type: none"> • Distribute NCSU water conservation awareness flyers targeting all building users within the Dining area of operation. • Cease all vehicle washing except for sanitary reasons.
University Housing	<ul style="list-style-type: none"> • All Leaks Code 1 and should be repaired within 24 hrs. • Create and distribute a water conservation awareness flyer targeting all building users within the Housing area of operation. • Raise building temperature and set points on air handlers if applicable. 	<ul style="list-style-type: none"> • Complete conversion of all hand sinks to .5 gpm faucet aerators within 30 days. • Complete conversion of all appropriate showers to 1.5 gpm shower heads within 60 days. • Cease all vehicle washing except for sanitary reasons.
Housekeeping	<ul style="list-style-type: none"> • Cease all washing of areas such as sidewalks, driveways, and patios except for sanitary reasons. • No window or power washing. • Cease all vehicle washing except for sanitary reasons. 	<ul style="list-style-type: none"> • Install alcohol based hand sanitizers in restrooms. • Reduce water where appropriate for cleaning and mopping operations. • Turn off non-essential ice makers. • Report all leaks immediately.
Athletics	<ul style="list-style-type: none"> • Cease all non essential outdoor watering. • Install new control valve for urinals at Carter Finley to conserve water. • Complete conversion of all appropriate showers to 1.5 gpm shower heads within 60 days. • Cease all vehicle washing except for sanitary reasons. 	<ul style="list-style-type: none"> • Convert additional truck(s) to use non-potable Lake Raleigh water for plant material instead of City of Raleigh water. • Complete conversion of all hand sinks to .5 gpm faucet aerators within 60 days.
Talley Student Center	<ul style="list-style-type: none"> • Create and distribute a water conservation awareness flyer targeting all building users within the Talley Student Center area of operation. • Complete conversion of all hand sinks to .5 gpm faucet aerators within 60 days. • Cease all vehicle washing except for sanitary reasons. 	<ul style="list-style-type: none"> • All student activities requiring water usage will be cancelled or restructured for no water usage. • Perform daily checks on leaks, sensors, and operation of fixtures. • Raise building temperature and set points on air handlers.
Utilities & Engineering Services	<ul style="list-style-type: none"> • Write work requests to check conductivity controllers and water control valves on cooling towers. • Suspend fire hydrant flushing. • Convene NCSU Conservation Awareness Team (CAT) to update conservation strategies and educational outreach with the City of Raleigh. • Shut down steam driven chiller at Yarbrough Building. • Raise chilled water set points. • Raise set points on cooling towers. • Examine fines or penalty system for non-compliance with water restrictions. • Investigate ultra-low flow urinal installations at Mann Hall, CVM #301, Carmichael Gymnasium, and other buildings. 	<ul style="list-style-type: none"> • Coordinate and disseminate the NCSU water conservation plan throughout campus in response to the City of Raleigh and the Governor's mandates on water conservation. • Monitor consumption levels to measure progress. • Produce and publish daily updates of water conservation progress in the Technician and online at www.ncsu/energy • Pursue permitting and digging of wells for utility plants for cooling tower make-up. • Shut down any water-cooled bearing equipment that is non-essential or can be sourced elsewhere. • Cease all vehicle washing except for sanitary reasons. • Complete conversion of all hand sinks to .5 gpm faucet aerators in the thermal plants within 60 days.
Carmichael Gymnasium	<ul style="list-style-type: none"> • Reduce backwash timing and/or frequency for Carmichael pool. • Wash only full loads of laundry, and consider adjusting water temperature set point to reduce steam required to heat the water. • Investigate replacing laundry equipment with more water efficient models. 	<ul style="list-style-type: none"> • Install ultra-low flow urinals provided from Energy Management. • Complete conversion of all hand sinks to .5 gpm faucet aerators within 30 days. • Complete conversion of all appropriate showers to 1.5 gpm shower heads within 60 days. • Cease watering practice fields.
Other	<ul style="list-style-type: none"> • Follow all rules above and those from City of Raleigh. 	

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