

City of Raleigh Cross Connection Program

Informational Meetings

September 25th & 26th

Current Changes

- Beginning October 1, 2014, we will no longer accept faxed, emailed, or paper test reports.
- In order to submit a test report, you must go to the City of Raleigh's Cross Connection webpage and use our online form.
- Test reports cannot be submitted without the customer's eight digit meter number

How to Submit a Test Report

- Go to www.raleighnc.gov and search Cross Connection or <http://www.raleighnc.gov/home/content/PubUtilAdmin/Articles/CrossConnectionControlProgram.html>
- Test Report Submission tab is located on the right side of webpage.



Customer Name/Service Address

Online Forms
City of Raleigh

City of Raleigh | Public Utilities Department

Backflow Test Report

Test Date:* Time of Test A/P*

Name of Owner*

Service Address* Zip Code:

Service Area*

Service Meter #.* Bypass Meter Reading:

Permit#:

Assembly Type:* RP RPDA DC DCDA

Test Type:* New Recertification Replaced

Hazard Type:* Domestic Irrigation Fire
 Reuse

Grade Level:* Above Grade
 Below Grade

Containment Backflow / Passing Test

Device Information:

Manufacturer:*

Model:* Size: Serial #:

Location of Assembly:*

Check Valve 1 PSI:* Check Valve 1 Tight*

Check Valve 2 PSI:* Check Valve 2 Tight*

Account Number	2405610000
Customer Name	DOE, JOHN
Bill Date	08/25/2010
Previous Balance	\$148.02
Payments	-\$148.02
Current Activity	\$120.70
Pay This Amount	\$120.70
Due Date	09/14/2010

Bill Information summarizes your account and bill at-a-glance, including your Account Number, Previous Balance, Payments Received, Current Activity, Pay This Amount and Due Date.

Water Taps: Tier 1 = 0-4 CCF Tier 2 = 5-10 CCF Tier 3 = 11+ CCF 1 CCF = 7.48 Gallons

Service - 123 ANYWHERE ST, RALEIGH NC 27612	Service Period	Current Read	Previous Read	Usage	Rate	Amount
Water Administration	07/26/2010 to 08/25/2010	177	166	11	4 CCF @ \$2.28	\$24.24
Water Change Tier 1					4 CCF @ \$2.28	\$24.24
Water Change Tier 2					4 CCF @ \$3.59	\$28.80
Water Administration					1 CCF @ \$3.59	\$3.59
Water Change					11 CCF @ \$2.42	\$26.62
Amount Paid						-\$148.02
Current Activity						\$120.70

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

ACCOUNT NUMBER	DUE DATE	PAY THIS AMOUNT	AMOUNT PAID
2405610000	09/14/2010	\$120.70	

Make Check Payable & Send To:

CITY OF RALEIGH
 PO BOX 71081
 CHARLOTTE NC 28272-1081

Account Number	2405610000
Customer Name	DOE, JOHN
Bill Date	08/25/2010
Previous Balance	\$148.02
Payments	-\$148.02
Current Activity	\$120.70
Pay This Amount	\$120.70
Due Date	09/14/2010

Remittance Coupon includes Account Number, Due Date, Pay This Amount and Amount Paid.

Water Taps: Tier 1 = 0-4 CCF Tier 2 = 5-10 CCF Tier 3 = 11+ CCF 1 CCF = 7.48 Gallons

Service - 123 ANYWHERE ST, RALEIGH NC 27612	Service Period	Current Read	Previous Read	Usage	Rate	Amount
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PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

ACCOUNT NUMBER	DUE DATE	PAY THIS AMOUNT	AMOUNT PAID
2405610000	09/14/2010	\$120.70	

Make Check Payable & Send To:

CITY OF RALEIGH
 PO BOX 71081
 CHARLOTTE NC 28272-1081

Service Meter#

Online Forms City of Raleigh

City of Raleigh | Public Utilities Department
Backflow Test Report

Test Date:* Time of Test A/P*

Name of Owner*

Service Address* Zip Code:

Service Area*

Service Meter #:* Bypass Meter Reading:

Permit#:

Assembly Type:* RP RPDA DC DCDA

Test Type:* New Recertification Replaced

Hazard Type:* Domestic Irrigation Fire
 Reuse

Grade Level:* Above Grade Below Grade

Containment Backflow / Passing Test

Device Information:

Manufacturer:*

Model:* Size: Serial #:

Location of Assembly:*

Check Valve 1 PSI:* Check Valve 1 Tight*

Check Valve 2 PSI:* Check Valve 2 Tight*

Page 1 of 1

CITY OF RALEIGH
PO BOX 590
RALEIGH NC 27602-0590

Account Number	2405610000
Customer Name	DOE, JOHN
Bill Date	08/25/2010
Previous Balance	\$148.02
Payments	-\$148.02
Current Activity	\$120.70
Pay This Amount	\$120.70
Due Date	09/14/2010

Historical Water Usage

Historical Irrigation Usage

Water Tiers: Tier 1 = 0-4 CCF Tier 2 = 5-10 CCF Tier 3 = 11+ CCF 1 CCF = 748 Gallons

METER #	AVG GALLONS/DAY	SERVICE PERIOD	CURRENT READ	PREVIOUS READ	USAGE
84643244	274.3	07/26/2010 to 08/25/2010	177	166	11

METER #	AVG GALLONS/DAY	SERVICE PERIOD	CURRENT READ	PREVIOUS READ	USAGE
84643244	124.7	07/26/2010 to 08/25/2010	84	59	5

Current Activity \$120.70

DETACH AND RETAIN THIS PORTION FOR YOUR RECORDS

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT			
ACCOUNT NUMBER	DUE DATE	PAY THIS AMOUNT	AMOUNT PAID
2405610000	09/14/2010	\$120.70	

SERVICE ADDRESS: 123 ANYWHERE ST, RALEIGH NC 27612

Main Check Payable & Remit To:

CITY OF RALEIGH
 PO BOX 71681
 CHARLOTTE NC 28272-1081

00510000000002+05630000000000001207000001+4020000012070566

Billing Table
includes your Meter Number(s), Average Gallons/Day (total water usage divided by # of service days for consumption awareness), Service Period and Total Usage for the current billing period.

Hazard Type:* Domestic Irrigation Fire
 Reuse

Grade Level:* Above Grade
 Below Grade

Containment Backflow / Passing Test

Device Information:

Manufacturer:*

Model:* Size: Serial #:

Location of Assembly:*

Check Valve 1 PSI:* Check Valve 1 Tight*

Check Valve 2 PSI:* Check Valve 2 Tight*

Relief Valve Opened at: Buffer:

Shut Off Valve 1 closed tight: Shut Off Valve 2 closed tight:

Line Pressure:*

Tester Name:* Certification#:*

Email Address:

Test Kit #:* Calibration Date:*

Company Name:* Phone:*

Comments:

[Save](#)

Only passing operational tests are to be submitted

Location of Assembly: Notes that you as a Certified Tester will need to locate the backflow for future testing.

Tester Name/Certification Information: Must be current in order for test reports to be processed.

Test Kit: Calibration Report must be current in order for test reports to be processed.

Email Address: Required if you wish to receive a confirmation email that your report was received.

Comments: If this backflow assembly contains a private distribution system, please make note of this in the comment box. Please include PIN # from Wake Gov. and address of property management responsible for backflow assembly

Test Reports-Fire

- When submitting a test report for a containment fire backflow assembly, please do the following:
 - Customer Name/Service Address: Please use the information from the customer's utility bill for the domestic water line that services the building(s) the fire line protects
 - Meter #: type "Fire"

Test Reports- Distribution Containment

- When submitting a test report for a backflow assembly that contains a private distribution system, please do the following:
 - Customer/Name Service Address: please use the Property Owner Name and Location address found at Wake Gov. real estate
 - Meter #: type “PIN”
 - Comments Section: give PIN number from Wake Gov. real estate for property and mailing address for testing notification

Test Reports

- The City of Raleigh is a Public Utility and only has the jurisdiction over the installation, repair, replacement and testing of containment backflow assemblies.
- Any report that is incorrectly submitted as a containment assembly will be considered falsified information and may cause the tester to be permanently removed from the City of Raleigh's Cross Connection Certified Tester's List

How do I verify that a backflow assembly is containment

- Identify the service meter and facility served by the water line.
- Close the shut-off valve to the assembly believed to contain the water service.
- Open faucets and hose bibbs and flush toilets throughout the facility
 - If you continue to have water service to any of the fixtures served by the water service, then the backflow is an isolation assembly.
 - If water stops flowing through all the fixtures served by the water service, then the backflow assembly is considered containment protection of the service meter or distribution system.

Corrective Action Notice



City Of Raleigh

NORTH CAROLINA

CROSS CONNECTION HAZARD CORRECTIVE ACTION REQUIRED

Date: _____ Cross Connection Specialist: _____

Facility Name: _____

Service Address: _____

Print: _____ Signature: _____

Our records show that you do not have an approved backflow assembly containing the water meter that services your property. This hand delivered notice allows you 90 days from the date above to install an approved backflow assembly above ground and according to the City of Raleigh's Cross Connection Ordinance, Public Utilities Handbook, and NC Plumbing Code. Sections 8-2141 through 8-2160 of the City Code govern the requirements for cross connections.

Reduced Pressure Principle (RPZ) Assembly / Double Check Valve Assembly (DCVA)

(Assembly Type)

is required to contain the meter (# _____) that services your property.

If you find that you currently have a backflow assembly installed for the purpose of containment of your water meter; please have the assembly tested and the test report submitted to our office. Upon submission of a passing operational test to the Cross Connection office, your facility will be considered in compliance. To remain in compliance a new passing operational test must be on file annually thereafter. If you fail to install the assembly within the allotted time frame, the City of Raleigh will consider this a high hazard situation and water service may be interrupted until the assembly is installed and tested. Fees for disconnection and reconnection will apply. Civil penalties and enforcement fines for a willful violation may also be assessed for noncompliance.

Answers to frequently asked backflow questions and a list of certified testers can be found at www.raleighnc.gov by searching Cross Connection. Thank you for your cooperation in addressing this important drinking water issue. If you have any questions or concerns, please feel free to contact our office.

City of Raleigh, Public Utilities Department
Meters Division-Cross Connection Program
919-996-2742
cross.connections@raleighnc.gov

One Exchange Plaza
1 Exchange Plaza, Suite 1020
Raleigh, North Carolina 27601

City of Raleigh
Post Office Box 560 • Raleigh
North Carolina 27602-0560
(Mailing Address)
Printed on Recycled Paper

Municipal Building
222 West Hargett Street
Raleigh, North Carolina 27601

- **Facility Name:** information we currently had in our Utility Billing database at the time of the survey.
- **Service Address:** address we show in our Utility Billing database at the time of the survey.
- **Required backflow assembly:** customer must install the backflow circled or submit Backflow Assessment Form for consideration for allowance or exemption
- **Meter #:** information we currently had in our Utility Billing database at the time of the survey.

Corrective Action Notice

- Customer is given notice to install an RPZ. Upon your inspection of property, you find an approved DCVA already installed. What should you do?
 - Complete Backflow Assessment Form, Backflow Verification Form, and passing operational test on DCVA.
 - Submit completed paperwork to Joanie.Hartley@ralieghnc.gov and request an allowance to keep the currently installed backflow assembly

Corrective Action Notice

- Customer is given a notice to install an RPZ. You feel the customer would qualify for an exemption. What should you do?
 - Complete Backflow Assessment Form
 - Submit completed form to Joanie.Hartley@raleighnc.gov and request an exemption from installing the required backflow assembly.

Exemptions/Allowance

- Submission of completed paperwork does not guarantee an exemption/allowance is given.
- Any exemptions/allowances granted or denied will be done so in writing.

Backflow Verification Form



Public Utilities Cross Connection Program Containment Backflow Verification Form

Company Name: _____ 1 _____

Meter #: _____ 2 _____

Location: _____ 3 _____

Description: _____ 4 _____

Pin: _____ 5 _____

Information on containment backflow assembly for the meter listed above:

Size: _____ Manufacturer: _____ Model: _____

Serial #: _____

Note: Form must be submitted with a copy of a current passing operational test and a **Backflow Assessment Form**.

Licensed Plumber/Professional Engineer/City of Raleigh Certified Tester
Identification of Responsibilities
I hereby state that the above information is correct and complete to the best of my knowledge and is in compliance with all applicable City of Raleigh Public Utilities ordinance, handbook, and NC Plumbing Code except where noted. I understand that falsification of any statement is considered a willful violation and could subject licensed plumber, City of Raleigh Certified Tester and/or professional engineer to civil penalties or fines.

Name of Professional _____ () _____ Phone	P.E. Original Stamp/Seal or Plumbing/Certified Tester License Number
Address _____ City _____ State _____ Zip Code _____	
Signature _____ Date	
Owner I hereby state that I have authorized the above noted professional to perform the work specified herein. I understand that falsification of any statement is considered a willful violation which could result in civil penalties and fines.	
Name of Property Owner _____ () _____ Phone	
Address _____ City _____ State _____ Zip Code _____	
Signature of Owner _____ Date	

Office: 919-996-2742
Fax: 919-996-1868
cross.connection@raleighnc.gov
Go to www.raleighnc.gov
Search "Cross Connection"

1. Company Name-information can be obtained from customer's Utility Bill
2. Meter #: information can be obtained from customer's Utility Bill
3. Location: information obtained from Wake Gov.
4. Description: information obtained from Wake Gov.
5. PIN#: information obtained from Wake Gov.
6. A passing operational test report must be submitted with this form



[Home](#)

Real Estate ID **0079399**

Location Address **3324 LAKE WOODARD DR**

Wake County Real Estate Data Account Summary

PIN # **1724360857**

Property Description **LO176 TOWER COMMERCIAL PARK BM2004-01834**

[iMaps](#)
[Tax Bills](#)

[Account Search](#)

[Pin/Parcel History](#) [Search Results](#) [New Search](#)



[Account](#) | [Buildings](#) | [Land](#) | [Deeds](#) | [Notes](#) | [Sales](#) | [Photos](#) | [Tax Bill](#) | [Map](#)

Property Owner RALEIGH CITY OF <i>Use the Deeds tab above to view any additional owners</i>		Owner's Mailing Address PO BOX 590 RALEIGH NC 27602-0590	Property Location Address 3324 LAKE WOODARD DR RALEIGH NC 27604-3828
Administrative Data		Transfer Information	Assessed Value
Old Map #	-	Deed Date	11/19/2002
Map/Scale	1724 10	Book & Page	09743 0474
VCS	EWRA001	Revenue Stamps	
City	RALEIGH	Pkg Sale Date	
Fire District		Pkg Sale Price	
Township	ST. MATTHEWS	Land Sale Date	
Land Class	EXEMPT	Land Sale Price	
ETJ	RA		
Spec Dist(s)		Improvement Summary	
Zoning	IND-1	Total Units	1
History ID 1		Recycle Units	0
History ID 2		Apt/SC Sqft	
Acreage	3.70	Heated Area	32,306
Permit Date	8/4/2005		
Permit #	0000048731		
			Land Value Assessed \$483,516
			Bldg. Value Assessed \$3,049,463
			Tax Relief
			Land Use Value
			Use Value Deferment
			Historic Deferment
			Total Deferred Value
			Use/Hist/Tax Relief Assessed
			Total Value Assessed* \$3,532,979

*Wake County assessed real estate values reflect the market value as of January 1, 2008, which is the date of the last county-wide revaluation. Any inflation, deflation or other economic changes occurring after this date do not affect the assessed value of the property and cannot be lawfully considered when reviewing the value for adjustment. The January 1, 2008 values remain in effect until the next county-wide revaluation, which is currently performed every eight years. New accounts created after the 2008 tax year and new construction built after January 1, 2008 are assessed according to the 2008 schedule of values.

For questions regarding the information displayed on this site, please contact the Revenue Department at RevHelp@wakegov.com or call 919-856-5400.

<http://services.wakegov.com/realestate/>

Meter Information

- Questions concerning meter location or number?
 - Contact Public Utilities Meter Division/Cross Connection Program
 - 919-996-2742
 - cross.connection@raleighnc.gov