

AquaResource Procedures for BRWC and LAWCO

The content outlined in this form focuses on the unique aspects of the BRWC and LAWCO AquaResource platforms. For any questions about tester registration or basic how-to information, please go to <https://www.tecnxs.com/docs/>

Important Contact Information

BRWC

(225) 952-7617

Backflow@brwater.com

LAWCO

(337) 365-0002

Lawcobackflow@louisianawater.com

Abbreviations

BRWC-Baton Rouge Water Company

AWC -(Ascension Water Company) and **PWC** (Parish Water Company) are also under BRWC's jurisdiction. To conserve space, only BRWC is referenced; however, the same standards apply to AWC and PWC.

LAWCO-Louisiana Water Company

Payment

We are not requiring testers to pay for backflow tests.

Customer Search vs Backflow Search (example property: 2355 Sherwood Forest N)

Search for Customer: Enter a customer's name, address or account number, select **Group ID**

TIPs: Customer name: entering 5 plus characters works best

Address: enter number(s) and street name

Account number: enter an exact match

Search for Backflow: Enter the **exact** serial number of the backflow

An Exact serial number match is required to return the backflow being searched. Make sure the first character is capitalized: ex T671194 vs t671194 is a real example.

Customer Search to tests backflows:

-After searching for your customer, the customer screen will show a variety of information. Select the group ID that matches the customer you wish to test.

Customers

14101 perkins rd Search

NAME	ADDRESS	ACCOUNT NUMBER	GROUP ID	ALTERNATE ID	ZONE	STATUS
GR BR BD OF REALTORS	14101 PERKINS RD	0101204040292	14101 PERKINS RD	010120404029202	None	Active
GR BR BD OF REALTORS	14101 PERKINS RD IRRG	0101204040293	14101 PERKINS RD	010120404029302	None	Active
GREATER BR ASSOC REAL	14101 PERKINS RD	0101016001018	14101 PERKINS RD	010101600101801	None	Active
BRWC	14101 PERKINS RD	0101204040294	14101 PERKINS RD	010120404029401	None	Active
CITY PARK O	1402 PERKINS RD	0101130296165	1402 PERKINS RD	010113029616501	None	Active
FREEMAN, NINA M	1459 PERKINS RD 02	0101130296020	1459 PERKINS RD	010113029602025	None	Active

-Once you select the Group ID, that will bring you to the screen below. Testers will find useful information in the Backflow and Hazard screen. **The customer screen does not represent the number of backflows present at this address, only the account numbers associated with the address.**

Group ID: 14101 PERKINS RD

Customers **Backflows** **Hazards**

Search for customer Search

NAME	ADDRESS	ACCOUNT NUMBER	ALTERNATE ID
GREATER BR ASSOC REAL	14101 PERKINS RD	0101016001018	010101600101801
GR BR BD OF REALTORS	14101 PERKINS RD	0101204040292	010120404029202
GR BR BD OF REALTORS	14101 PERKINS RD IRRG	0101204040293	010120404029302
BRWC	14101 PERKINS RD	0101204040294	010120404029401

1 4 customers

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- The **Backflow** tab lists all backflow devices for which test records have been submitted. The **Hazard** tab identifies potential hazards that do not yet have associated test results. The presence of a hazard does not necessarily indicate that a backflow device is installed, but does indicate that a backflow is required.

Backflow Tab

Group ID: 14101 PERKINS RD

Customers

Backflows

Hazards

By Everything

Search backflows

Search

MANUFACTURER	MODEL	SIZE	SERIAL	TYPE	CATEGORY	LOCATION	STATUS
Wilkins	975	1.5"	301694	RP	Domestic	25'SOUTH OF NORTH PL	No Action Needed

«

1

»

15 per page

1 backflows

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Hazard Tab

Group ID: 14101 PERKINS RD

Customers

Backflows

Hazards

Enter Hazard ID

Search

HAZARD ID	CATEGORY	STATUS	MIN REQ BACKFLOW TYPE	DUE DATE
H2025-618643	ByPass	Unprotected	PVB	9/30/2026
H2025-659513	Fire	Unprotected	PVB	2/28/2026
H2025-874583	Irrigation	Unprotected	PVB	9/30/2026

«

1

»

3 hazards

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Very Important, Note from the Admin:

You will not be able to test a backflow in AquaResource if there is not a hazard or a backflow present. There may be backflows onsite that are not on the hazard screen. You will run into this, typically for a domestic backflow device. If it is a **containment** device, not isolation, you need to call the backflow coordinator immediately and they will activate the hazard for you to add a backflow/test against. **BRWC and LAWCO do not require tests for isolation devices.**

If there is not a backflow device on the domestic line, it may not require installation of one. **In BRWC, not all domestic lines require backflow protection. (LAWCO requires all domestic connections to have an RPZ)** Enforcement of backflows on is based on the requirements outlined in the Louisiana Uniform Construction Code, Table 608.19.1. If there is not a backflow on the domestic line, and one is not required per Louisiana Uniform Construction Code table 608.19.1, then one is not required to be installed.

Louisiana Uniform Construction Code table 608.19.1

Air Gap

1. Fire Protection/Sprinkler System utilizing non-potable water as an alternative or primary source of water

Reduced Pressure Principle Backflow Prevention Assembly

1. Hospitals, Out-Patient Surgical Facilities, Renal Dialysis Facilities, Veterinary Clinics

2. Funeral Homes, Mortuaries

3. Car Wash Systems

4. Sewage Facilities

5. Chemical or Petroleum Processing Plants

6. Animal/Poultry Feedlots or Brooding Facilities

7. Meat Processing Plants

8. Metal Plating Plants

9. Food Processing Plants, Beverage Processing Plants

10. Fire Protection/Sprinkler Systems using antifreeze in such system (a detector type assembly is required on unmetered fire lines)

11. Irrigation/Lawn Sprinkler Systems with Fertilizer Injection

12. Marinas/Docks

13. Radiator Shops

14. Commercial Pesticide/Herbicide Application

15. Photo/X-ray/Film Processing Laboratories

16. Multiple Commercial Units served by a master meter

17. Any type of occupancy type or any other facility having one or more Single-walled Heat Exchangers which uses any chemical, additive, or corrosion inhibitor, etc., in the heating or cooling medium

18. Any type of occupancy type or any other facility having one or more Double-walled Heat Exchangers which use any chemical, additive, or corrosion inhibitor, etc., in the heating or cooling medium and which does not have a path to atmosphere with a readily visible discharge

19. Premises where access/entry is prohibited

Pressure Vacuum Breaker Assembly/Spill Resistant Vacuum Breaker Assembly

1. Irrigation/Lawn Sprinkler Systems

Double Check Valve Assembly

1. Fire Protection/Sprinkler Systems (a detector type double check valve assembly is required on unmetered fire lines)

2. Two residential dwelling units served by a master meter, unless both units are located on a parcel or contiguous parcels of land having the same ownership and neither unit is used for commercial purposes. As used herein, the term "commercial purposes" means any use other than residential.

3. Three or more residential dwelling units served by a master meter

4. Multistoried Office/Commercial Buildings (over 3 floors)

5. Jails, Prisons, and Other Places of Detention or Incarceration

There are 4 Unique Scenarios specific to BRWC and LAWCO that are different in our AquaResource platform vs other purviews.

- Domestic devices not listed under hazard or backflow tab in AquaResource.
- Bypass not listed on backflow or hazard tab.
- Duplicate fire main backflows. (2 fire main devices with the same serial number in the backflow tab)
- Remove and Replace Main Fire Device to add Bypass. (Primarily LAWCO)

1: Domestic devices not listed under hazard or backflow tab in AquaResource, same rules for BRWC and LAWCO:

-If there is a containment device on the domestic line you'll need to call the backflow coordinator.

-BRWC (225) 952-7617 or backflow@brwater.com

-LAWCO (337) 365-0002 or lawcobackflow@louisianawater.com

-In BRWC, if there is **not** a containment device, and you believe that there should be one based on the Louisiana Uniform Construction Code table 608.19.1, call (225) 952-7617.

- All domestic connections in LAWCO purview require an RPZ.

2: Bypass not listed on backflow or hazard tab, same rules for BRWC and LAWCO:

If it's for a bypass on a fire main, and the bypass is not listed on the backflow or hazard tab, you can test the main fire line and **list the report type as remove and replace device**. List the type as DCDA I (or RPDA I if RPZ), and this will allow you to add a bypass to the main fire backflow. You will then be able to submit a test for the main and the bypass. Additionally, there will be a spot for optional data, please hit the "flag the admin" and write us a note that this is a fire bypass addition.

Create Test Report

This backflow must have at least one picture uploaded.

Backflow Info

Manufacturer: Wilkins
Model: 450DA
Serial #: 03452
Location: ES 22'SOUTH OF DRIVEWAY
Show info

Customer Info

Resident: CAMDEN LAKE LLC
Site Street Address: 2525 ONEAL LN
Site City, State Zip: BATON ROUGE, LA 70816
Go to Profile

Report type
Removed and Replaced Device

Test date and time
02/04/2026 3:56 PM

Enter Replacement Backflow Information

Replacement Backflow

Fill out all the required information below.
● = Required

Replacement Backflow

Fill out all the required information below.

Required

Manufacturer

select manufacturer

Model

enter model

Size

select size

Serial number

enter serial number

Is this backflow lead-free?

select option

Type

DCDA I

Protection Type

select protection type

Installation date

choose installation date

Replacement Backflow Pictures

PREVIEW

REMOVE

Drop pictures of the replacement backflow HERE
or

Browse

Bypass

Manufacturer

select manufacturer

Is this bypass lead-free?

select option

Model

3: Duplicate fire main backflows. (2 fire main devices with the same serial number in the backflow tab) BRWC only

If there are 2 fire main devices in the backflow tab with the same serial number, chances are its a duplicate fire main backflow. In this scenario, test 1 of the devices (preferably the one marked “main”) and do not test the other. In optional data section, click the “Flag Report for Admin” button, and write a note for the admin that there is a duplicate fire device.

The screenshot displays the 'Backflows' tab for Group ID: 2525 ONEAL LN. It features a table of backflow devices with columns for Manufacturer, Model, Size, Serial, Type, Category, Location, and Status. Two rows are highlighted with red boxes, indicating duplicate fire main devices with the same serial number (034S2). Below the table, the 'Optional Data' section includes a 'Flag Report for Admin' button, which is also highlighted with a red box. A text input field labeled 'duplicate fire' is shown below the button. The interface also includes a 'Line pressure' field, 'Shutoff #1' and 'Shutoff #2' sections with 'Closed Tight' and 'Locked' buttons, a 'Test Passed' button, and a signature line.

MANUFACTURER	MODEL	SIZE	SERIAL	TYPE	CATEGORY	LOCATION	STATUS
Wilkins Main	450DA	8"	034S2	DCDA I	Fire	ES 22'SOUTH OF DRIVEWAY	Test Soon
Wilkins Bypass	950	0.75"	2778381	DCDA I	ByPass	ES 22S CONCRT DRIVE LID #8698100	Test Soon
Wilkins	450DA	8"	034S2	DC	Fire	ES 22'SOUTH OF DRIVEWAY	Test Soon
Wilkins	975	2"	2795906	RP	Domestic	ES 22'SOUTH OF CONCRETE DRIVEWAY	Test Soon
Wilkins	720	2"	Unknown	PVB	Irrigation	ES 22'SOUTH OF DRIVEWAY	Test Soon

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Optional Data

☒ Flag Report for Admin

duplicate fire

Test Passed

Please sign your name below

Clear Signature

By checking this box and submitting the test report, I am attesting to the following:
I am the person who performed the test.

Reminder: In all situations, if there is not a hazard present, you cannot add a backflow test. If there is not a hazard present for a bypass, you can remove and replace the existing fire device and re-add as Type 1. If it is not a fire device, you need to call BRWC or LAWCO.

4: Remove and Replace Main Fire Device to add Bypass in AQR. (Primarily LAWCO)

-When a tester comes across a fire device without a bypass in AQR, it needs to be tested as remove and replace device. Example property 6620 Greenwell Springs.

INSTALLATION DATE: Unknown CREATED ON: 3/5/2026

LAST TEST DATE: Unknown

LAST REBUILD DATE: Unknown

Report type: **Removed and Replaced Device** (Step 1: Select Remove and Replace Report Type)

Test date and time: 03/05/2026 2:14 PM

Enter Replacement Backflow Information

Replacement Backflow

Fill out all the required information below.

● = Required

Manufacturer: select manufacturer Type: DC

Model: enter model Protection Type: select protection type

Size: Installation date:

Next, under device type for the replacement backflow, it's very important to pick DCDA I or RPDA I if an RPZ. Selecting a Type I device allows you to add a backflow even though there is not a backflow account in the system.

Enter Replacement Backflow Information

Replacement Backflow

Fill out all the required information below.

● = Required

Manufacturer: select manufacturer Type: **DCDA I**

Model: test Protection Type: select protection type

Size: 8" Installation date: Tue, Mar 3, 2026

Serial number: test

Is this backflow lead-free?: select option

Replacement Backflow Pictures

PREVIEW REMOVE

Once you select Type I, you'll be able to add in the bypass information. This will link the two accounts and you will be able to submit a test for the bypass as well as the main.

Manufacturer ●

select manufacturer

Model ●

enter model

Size ●

select size

Bypass serial number ●

enter bypass serial number

Bypass

Is this bypass lead-free?

select option

Bypass Pictures ●

PREVIEW

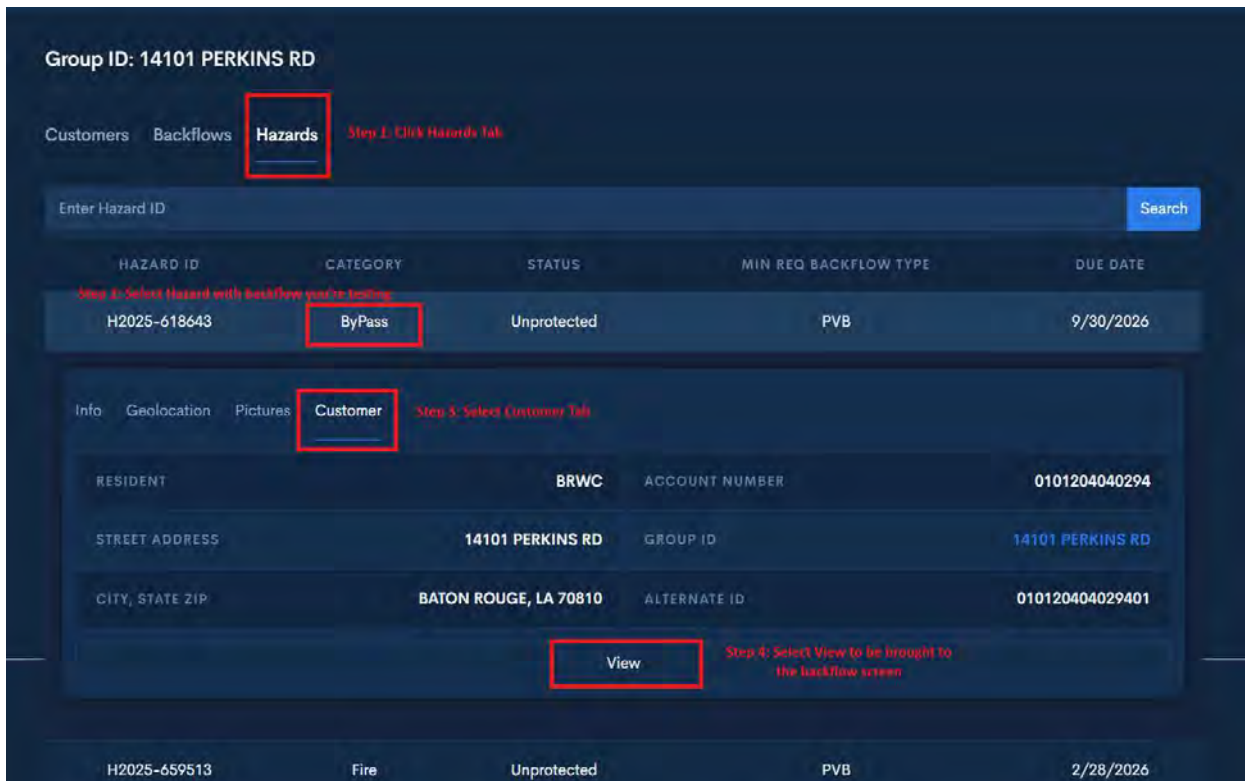
REMOVE

Testing a Backflow

Testing a backflow in the **backflow tab** is straight forward and needs to be reviewed per the AquaResource guidelines <https://www.tecnxs.com/docs/>

Testing a Hazard

Testing a backflow from the **Hazards Tab** is much more nuanced. Ex: 14101 Perkins Rd



Group ID: 14101 PERKINS RD

Customers Backflows **Hazards** Step 1: Click Hazards Tab

Enter Hazard ID Search

HAZARD ID	CATEGORY	STATUS	MIN REQ BACKFLOW TYPE	DUE DATE
H2025-618643	ByPass	Unprotected	PVB	9/30/2026

Step 2: Select Hazard with backflow you're testing

Info Geolocation Pictures **Customer** Step 3: Select Customer Tab

RESIDENT BRWC ACCOUNT NUMBER 0101204040294

STREET ADDRESS 14101 PERKINS RD GROUP ID 14101 PERKINS RD

CITY, STATE ZIP BATON ROUGE, LA 70810 ALTERNATE ID 010120404029401

View Step 4: Select View to be brought to the backflow screen

H2025-659513 Fire Unprotected PVB 2/28/2026

Step 1: Click Hazards Tab

Step 2: Select Hazard with backflow you're testing.

Step 3: Select Customer Tab

Step 4: Select View to be brought to the backflow screen (shown below)

BRWC - Active
14101 PERKINS RD
BATON ROUGE, LA 70810

Account #: 0101204040294 Group ID: 14101 PERKINS RD Alt ID: 010120404029401 Residence Type: Non-Residential

Backflows Hazards Water Meters

By Everything Search backflows Search **+ Backflow**

MANUFACTURER	MODEL	SIZE	SERIAL	TYPE	CATEGORY	LOCATION	STATUS
No backflows found.							

1 15 per page 0 backflows

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Backflow testers can add a backflow device to the system

- Verify that the customer and site address match what you searched for. If the customer and site address information is correct and no backflow device is listed, then a device can be added
- At the right end of the Search backflows box, next to the search button, there is a +Backflow button.
- Click the +Backflow button
- Select one: New Install or Pre-existing
 - Select New Install if you are installing and testing this device for the first time
 - Select Pre-existing if you found this device existing onsite
- Fill in all the required information on the form indicated by the green dot
 - Backflow Type is very important
 - **Select DCDA 1 if there is a fire line with a bypass.**
- If you selected Pre-existing, you would ask “Do you know this backflow’s installation date and last test date?”
- If you answer No your done
- If you answer Yes complete the remaining questions
- Click Add Backflow

Once you add a backflow, you will be required to test it immediately. Once you’re finished testing, you can select the GroupID tab on the backflow screen to be brought back to the initial customer tab.