CITY OF AUBURN
"History's Hometown"
Department of Municipal Utilities

Application for Approval of Backflow Prevention Device Informational

You must contact Tim Clark, the City of Auburn Backflow Prevention Coordinator, at (315) 406-6730 within 7 days to begin the approval process.

Contents which include:

- City of Auburn's Cross Connection Control Program
- Cross Connection Control Backflow Prevention information booklet
- Chapter 6 of the American Water Works Association manual pertaining to backflow prevention and fire protection
- January 1992 DOH supplement to Cross Control Manual
- Policy Statement - Private unmetered fire hydrants ***(Required Document, if Applicable)***
- List of New York State DOH approved containment backflow prevention assemblies
- List of DOH certified testers in Cayuga County and adjacent prevention assemblies
- Regulations for water meter installation and reading requirements
- City of Auburn Checklist ***(Required Document)***
- Application for Approval of Backflow Device ***(Required Document)***
- Backflow Booklet Receipt for the City of Auburn ***(Required Document)***

PLEASE RETURN THE REQUIRED DOCUMENTS TO

35 Bradley St, Auburn NY, 13021 or email tclark@auburnny.gov. Also include a business card of contact person for any questions the City of Auburn may have regarding service installation requirements

PROTECTING OUR WATER:

City of Auburn's Cross Connection Control Program

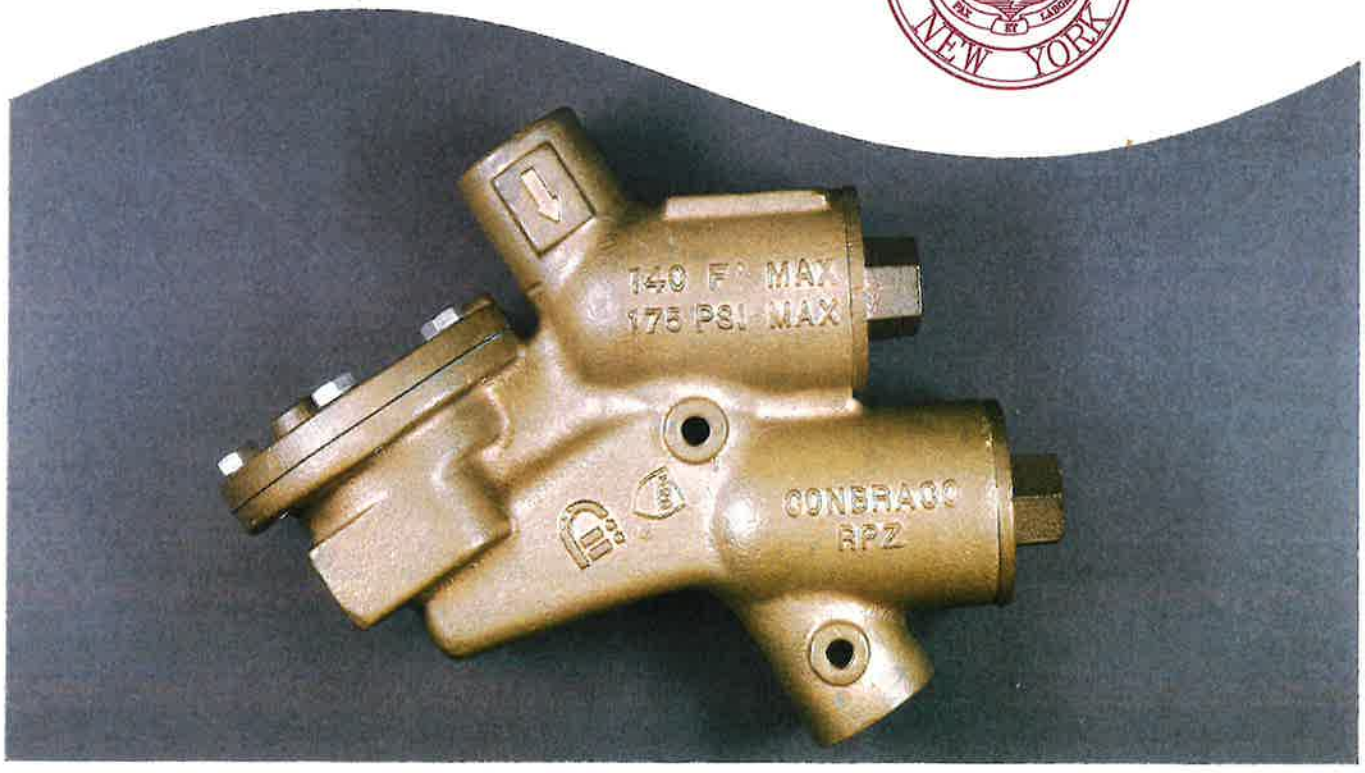
INTRODUCTION:

The Department of Municipal Utilities (DMU) is responsible for providing a continuous supply of safe, clean drinking water to more than 45,000 residents and visitors throughout the City and Cayuga County. To protect the City's drinking water from contamination, DMU has a robust water quality monitoring program and regularly performs sampling throughout the City to ensure all relevant State and Federal standards are met.

DMU also works to prevent contamination before it occurs by ensuring that local businesses comply with all relevant City and State codes. A key component of this enforcement and inspection initiative is the City's Cross Connection Control Program, which requires certain businesses to install and operate approved backflow prevention devices.

WHAT IS A BACKFLOW PREVENTION DEVICE?

Backflow devices prevent contaminated water or chemicals from flowing back into the drinking water supply if there is a sudden or unexpected change in water pressure. If a property requires a backflow prevention device, it must be installed on all water service lines to the property. Appropriate backflow prevention devices can be identified by a Professional Engineer (PE), Registered Architect (RA) or Licensed Master Plumber (LMP).



WHAT PROPERTY TYPES MUST INSTALL BACKFLOW PREVENTION DEVICES?

Unless they, receive a specific exemption from DMU the following types of businesses are required to use backflow preventers:

- All Commercial Properties
- Apartments with 4 Units or More
- Metal Plating Operations
- Photo-Processing Facilities
- Laundries and Dry Cleaners
- Commercial Car Washes
- Greenhouses
- Hospitals, Clinics and Laboratories (Including Veterinary Hospitals)
- Medical and Dental Offices
- Funeral Parlors
- Food Processing Plants, and Meat or Fish Packers
- Dye Plants
- Paper Processors
- Auto Repair Shops
- Breweries
- Tanneries
- Exterminators
- Large Residential Dwellings with Treated Water Boilers
- Sewage Treatment Plants or Handling Facilities
- Premises with Multiple Water Service Lines
- Premises with Roof Tanks and Elevated Storage Lines
- Canneries
- Schools and Colleges
- Food Processing Facilities
- Nursing Homes
- Barber Shops and Beauty Salons
- Properties with In-Ground Irrigation Sprinklers

If your property or business type is not included in the above list and you have a specific question about your legal requirements, please call (315)253-6511 and you will be directed to an appropriate DMU representative.

HOW DO I COMPLY WITH THE LAW?

1. First, you must hire a Professional Engineer (PE) or Registered Architect (RA) to prepare four sets of backflow prevention plans for your property. These must be submitted with a signed application form and $100 review fee to the Cayuga County Health Department(CCHD) for approval. If approved, CCHD will notify you and return two copies of the approved plans to your PE or RA, who will then forward a copy of the approved plans to you.
2. The backflow prevention device must then be installed by a Licensed Master Plumber (LMP) in accordance with the approved plans. Installation must comply with Code Enforcement regulations and requirements.
3. Once installed, the device must be tested by a New York State Certified Backflow Prevention Device Tester. The City of Auburn will perform and certify your new backflow preventer the first time, free of charge. Your PE or RA must then submit a letter of completion to the CCHD.
4. Once the new backflow device is certified by the City, the property will be entered into the City's annual backflow recertification program.
5. Your backflow prevention device must be properly maintained, and will be subject to annual testing and inspection by a certified tester. Annual certification of your backflow device shall be submitted to the City DMU. For a list of State Certified Testers, contact the CCHD at: (315)253-1405.

If your believe your property is exempt from backflow prevention requirements, you must hire a PE, RA, or an LMP to submit a formal exemption request.

All relevant application, test reporting and exemption forms are available online at: www.auburnny.gov.

FURTHER QUESTIONS:

If you have any questions about DMU's Cross Connection Control Program, please call (315)253-6511 or visit www.auburnny.gov

Tim Clark, Water Meter Service Worker
tclark@auburnny.gov
(315)406-6730

REFERENCES:

Backflow Application and Information:
https://www.cayugacounty.us/489/Public-Water-Supplies

Master Plumber List:
http://auburnny.gov/Public_Documents/AuburnNY_Code/Plumbers/

Cross Connection Control
Backflow Prevention

Application Instruction Sheet

For Commercial or Industrial Connection to City of Auburn Public Water Supply System on Domestic Service Lines 2" and Smaller in Size.

Legal Basis: New York Sanitary Code Part 5-1 .31
Auburn Municipal Code Chapter 297 - Article IV

Requirements: An approved backflow prevention device must be installed on all service lines entering a commerical or industrial property.

Purpose: The purpose of the above is to safeguard potable water systems by preventing the reverse flow of water into the public water supply.

The installation of a containment backflow preventer prior to plan approval by this Department may result in costly construction changes, loss of water service and legal action.

A. Application: (Form COA - B101)

1. The *Water Customer* must complete all items numbered 1 through 23 on the application form.
2. The application must contain the owners original ink signature.
3. The *Water Customer* must complete all items on the engineer's report.

B. Submission and Approval Procedure:

1. The *Water Customer* submits the completed application form and engineer's report to the Water Department office located at 366 Genesee Street, Auburn, NY, 13021

2. The Water Department reviews the submission, transmits with recommendations to the City Engineering Services Department

   2a. Disapproves and returns submission to the *Water Customer* for correction and resubmittal

3. The Engineering Services Department evaluates application, specifications and recommendations, approves application, sends letter of approval and a copy of the approved plans to the *Water Customer*.

   3a. Disapproves and returns the submission to the *Water Customer* for modification and resubmittal.

C. Installation & Testing Procedure:

1. The *Water Customer* installs approved protective device in complete accordance with the plans provided by the Engineering Services Department.

2. The Water Department inspects the installation for compliance with the approved plans and performs the initial test on the backflow assembly to verify that the device is working properly.

3. The Water Department issues a final letter of completion to the *Water Customer* for this project.

4. The *Water Customer* inspects and tests the backflow device at least annually and maintains a record of the inspections and testing. **Testing must be done by a NYS DOH Certified Backflow Prevention DeviceTester.**

Failure to comply with backflow prevention regulations can lead to the following:

- A delay in receiving a Certificate of Occupancy

- Loss of water service to the subject property

- Legal Action

COUNTY NAME	Last Name	First Name	Middle Initial	End	Certification Number	Address Line One	Address Line Two	City	State or Province	Zip Code	PHONE	Fire Line Inspector
Onondaga	Abbott	David	H	10/31/2021	7259	Associated Fire Protection Corp	PO Box 3181	Syracuse	NY	13220	315.463.9890	*
Cayuga	Baier	David		8/31/2022	13145	Self	1589 Turnpike Rd	Auburn	NY	13021	315.730.7874	*
Cayuga	Bench	Randy		12/31/2021	11264	Wells College	170 Wells College	Aurora	NY	13165	315.364.3266	
Cayuga	English	Michael	D	9/30/2021	9766	Cornell University	640 West North Street	Geneva	NY	14456	315.787.2305	
Cayuga	Gregory	Brian	D	6/30/2022	13056	Cornell Argritech	650 West North St	Geneva	NY	14456	315.787.2302	
Cayuga	Kepple	Mark	G	4/30/2022	5543	Millenial Builders	10029 Spook Woods Rd	Port Byron	NY	13140	585.255.0245	
Cayuga	Kepple	Philip	P	9/30/2022	13198	Specialty Mech Services Corp	PO Box 1069	Weedsport	NY	13166	315.834.6636	*
Cayuga	Kepple	Timothy	J	3/31/2022	9964	Speciality Mechanical Services	8350 Weedsport Sennet Rd	Weedsport	NY	13166	315.834.6636	*
Cayuga	Kerstetter	Timothy	A	1/31/2023	13338	Self	PO Box 250	Auburn	NY	13021	315.729.0702	*
Oswego	Manwaring	John	P	6/30/2021	11002	Davis-Ulmer Fire Protection	7633 Edgecomb Dr	Liverpool	NY	13088	315.451.0971	*
Cayuga	Matijas	Chad	A	11/30/2021	6254	Cortland University	32 Stratton Dr	Cortland	NY	13045	607.753.2100	
Onondaga	Metallo	John	D	11/30/2020	10735	Metallo Automatic Sprinkler Co.	14 Corporate Cir Ste7	E. Syracuse	NY	13057	315.437.3700	*
Cayuga	Moon	Michael	J	11/30/2021	11197	Cornell University	Humphries Svc. Bldg, 639 Dryden Road	Ithaca	NY	14853	607.255.5322	
Cayuga	Murtari	Frank	A	5/31/2022	11430	TYCO Simplex Grinnell	6731 Collamer Rd	E Syracuse	NY	13057	315.437.7718	
Cayuga	Rice	Richard	L	4/30/2021	12409	NYS DOCCS	135 State St	Auburn	NY	13021	315.567.1319	
Cayuga	Ryan	Timothy	R	4/30/2020	11884	Five Points Correctional Facility	6600 State Rt 96	Romulus	NY	14541	607.869.5111	
Cayuga	Senter	Kevin		10/31/2020	10711	Borg Warner Morse Tech	800 Warren Road	Ithaca	NY	14850	607.266.3735	
Cayuga	Sliwka II	Joseph	J	4/30/2022	12955	City of Auburn	35 Bradley St	Auburn	NY	13021	315.253.6511	*
Cayuga	Stevens	Mark	R	6/30/2020	11997	ABJ Fire Protection	6500 New Venture Gear Drive	East Syracuse	NY	13057	315.423.9766	*
Cayuga	Topolski	Gene	R	7/31/2022	13108	Upstate Hospital	750 E. Adams St	Syracuse	NY	13210		
Onondaga	Town	Todd	M	11/30/20203	6960	AP Plumbing	690 State Fair Blvd	Syracuse	NY	13209	315.635.5515	*
Onondaga	Virginia	Mark	S	12/31/2021	11285	Associated Fire Protection Corp	PO Box 3181	Syracuse	NY	13220	315.463.9890	*
	*	Notes	Fire	Line	&	Domestic	Backflow	Tester	*			

USC University of Southern California

List of Approved Backflow Prevention Assemblies
16 January 2019
Supersedes All Prior Lists

Foundation for Cross-Connection Control and Hydraulic Research

a Division of the University of Southern California

The following changes have been made to the USC List since February 22, 2018.

ADDITIONS

Double Check Valve Assemblies

Type	Manufacturer	Model	Size	Orientation(s)	Date Added
DC	ARI	DC 501	1	H	15-Mar-2018
DC	Backflow Direct	Magnum 20	2 1/2	H	15-Mar-2018
DC	Backflow Direct	Magnum 20	2 1/2	VU	15-Mar-2018
DC	Backflow Direct	Magnum 20	3	H	15-Mar-2018
DC	Backflow Direct	Magnum 20	3	VU	15-Mar-2018
DC	Backflow Direct	Magnum 20	4	H	15-Mar-2018
DC	Backflow Direct	Magnum 20	4	VU	15-Mar-2018
DC	Backflow Direct	Magnum 20	8	H	15-Mar-2018
DC	Backflow Direct	Magnum 20	8	VU	15-Mar-2018
DC	Backflow Direct	Magnum 20X	6	H	15-Mar-2018
DC	Backflow Direct	Magnum 20X	6	VU	15-Mar-2018
DC	Febco	LF870V	10	VUVD	29-May-2018
DC	Febco	LF870V	10	VUVU	29-May-2018
DC	Wilkins	450ST	4	VUVD	13-Jun-2018
DC	Wilkins	450ST	6	VUVD	13-Jun-2018
DC	Wilkins	450STR	4	VUVD	13-Jun-2018
DC	Wilkins	450STR	6	VUVD	13-Jun-2018
DC	Backflow Direct	Deringer 20G	8	H	31-Jul-2018
DC	Backflow Direct	Deringer 20G	8	VU	31-Jul-2018
DC	Backflow Direct	Deringer 20GX	6	H	31-Jul-2018
DC	Backflow Direct	Deringer 20GX	6	VU	31-Jul-2018
DC	Backflow Direct	Magnum 20G	8	H	31-Jul-2018
DC	Backflow Direct	Magnum 20G	8	VU	31-Jul-2018
DC	Backflow Direct	Magnum 20GX	6	H	31-Jul-2018
DC	Backflow Direct	Magnum 20GX	6	VU	31-Jul-2018
DC	ARI	DC 501	1/2	H	6-Sep-2018
DC	Apollo/Conbraco	DC4AY	3/4	VU	24-Oct-2018
DC	Apollo/Conbraco	DC4AY	1	VU	24-Oct-2018
DC	Apollo/Conbraco	DCLF4AY	3/4	VU	24-Oct-2018
DC	Apollo/Conbraco	DCLF4AY	1	VU	24-Oct-2018
DC	Backflow Direct	Deringer 20G	2 1/2	H	7-Dec-2018
DC	Backflow Direct	Deringer 20G	2 1/2	VU	7-Dec-2018
DC	Backflow Direct	Deringer 20G	3	H	7-Dec-2018
DC	Backflow Direct	Deringer 20G	3	VU	7-Dec-2018
DC	Backflow Direct	Deringer 20G	4	H	7-Dec-2018
DC	Backflow Direct	Deringer 20G	4	VU	7-Dec-2018
DC	Backflow Direct	Magnum 20G	2 1/2	H	7-Dec-2018
DC	Backflow Direct	Magnum 20G	2 1/2	VU	7-Dec-2018
DC	Backflow Direct	Magnum 20G	3	H	7-Dec-2018
DC	Backflow Direct	Magnum 20G	3	VU	7-Dec-2018
DC	Backflow Direct	Magnum 20G	4	H	7-Dec-2018
DC	Backflow Direct	Magnum 20G	4	VU	7-Dec-2018
DC	BEECO	Barracuda 20	2 1/2	H	18-Dec-2018
DC	BEECO	Barracuda 20	2 1/2	VU	18-Dec-2018
DC	BEECO	Barracuda 20	3	H	18-Dec-2018
DC	BEECO	Barracuda 20	3	VU	18-Dec-2018
DC	BEECO	Barracuda 20	4	H	18-Dec-2018
DC	BEECO	Barracuda 20	4	VU	18-Dec-2018
DC	BEECO	Barracuda 20	8	H	18-Dec-2018
DC	BEECO	Barracuda 20	8	VU	18-Dec-2018
DC	BEECO	Barracuda 20X	6	H	18-Dec-2018
DC	BEECO	Barracuda 20X	6	VU	18-Dec-2018
DC	BEECO	FDC	2 1/2	H	18-Dec-2018
DC	BEECO	FDC	2 1/2	VU	18-Dec-2018
DC	BEECO	FDC	3	H	18-Dec-2018
DC	BEECO	FDC	3	VU	18-Dec-2018
DC	BEECO	FDC	4	H	18-Dec-2018
DC	BEECO	FDC	4	VU	18-Dec-2018
DC	BEECO	FDC	6	H	18-Dec-2018
DC	BEECO	FDC	6	VU	18-Dec-2018
DC	Wilkins	450ST	8	VUVD	18-Dec-2018
DC	Wilkins	450ST	10	VUVD	18-Dec-2018
DC	Wilkins	450STR	8	VUVD	18-Dec-2018
DC	Wilkins	450STR	10	VUVD	18-Dec-2018
DC	Wilkins	950XLDTCU	3/4	H	18-Dec-2018
DC	Apollo/Conbraco	DC4AY	3/4	H	16-Jan-2019
DC	Apollo/Conbraco	DC4AY	1	H	16-Jan-2019
DC	Apollo/Conbraco	DCLF4AY	3/4	H	16-Jan-2019
DC	Apollo/Conbraco	DCLF4AY	1	H	16-Jan-2019

Reduced Pressure Principle Assemblies

RP	Apollo/Conbraco	RPLF4AR	8	H	22-Feb-2018
RP	Ames	4000BM2-FP	1 1/4	H	15-Mar-2018
RP	Ames	4000BM2-FP	1 1/2	H	15-Mar-2018

Double Check Detector Assemblies

DCDA	Wilkins	450STDA	4	VUVD	18-Dec-2018
DCDA	Wilkins	450STDA	6	VUVD	18-Dec-2018
DCDA	Wilkins	450STDA	8	VUVD	18-Dec-2018
DCDA	Wilkins	450STDA	10	VUVD	18-Dec-2018
DCDA	Wilkins	450STDAR	4	VUVD	18-Dec-2018
DCDA	Wilkins	450STDAR	6	VUVD	18-Dec-2018
DCDA	Wilkins	450STDAR	8	VUVD	18-Dec-2018
DCDA	Wilkins	450STDAR	10	VUVD	18-Dec-2018

Reduced Pressure Principle Detector Assemblies

RPDA	Apollo/Conbraco	RPDALF4A	8	H	22-Feb-2018
RPDA	Apollo/Conbraco	RPDALF4AN	8	VUVD	22-Feb-2018
RPDA	Apollo/Conbraco	RPDALF4AN	8	VUVU	22-Feb-2018
RPDA	Apollo/Conbraco	RPDALF4AR	8	H	22-Feb-2018
RPDA	Wilkins	475STDA	4	VUVD	18-Dec-2018
RPDA	Wilkins	475STDA	4	VUVU	18-Dec-2018
RPDA	Wilkins	475STDA	6	VUVD	18-Dec-2018
RPDA	Wilkins	475STDA	6	VUVU	18-Dec-2018
RPDA	Wilkins	475STDA	8	VUVD	18-Dec-2018
RPDA	Wilkins	475STDA	8	VUVU	18-Dec-2018
RPDA	Wilkins	475STDA	10	VUVD	18-Dec-2018
RPDA	Wilkins	475STDA	10	VUVU	18-Dec-2018
RPDA	Wilkins	475STDAR	4	VUVD	18-Dec-2018
RPDA	Wilkins	475STDAR	4	VUVU	18-Dec-2018
RPDA	Wilkins	475STDAR	6	VUVD	18-Dec-2018
RPDA	Wilkins	475STDAR	6	VUVU	18-Dec-2018
RPDA	Wilkins	475STDAR	8	VUVD	18-Dec-2018
RPDA	Wilkins	475STDAR	8	VUVU	18-Dec-2018
RPDA	Wilkins	475STDAR	10	VUVD	18-Dec-2018
RPDA	Wilkins	475STDAR	10	VUVU	18-Dec-2018

Double Check Detector Assemblies-Type II

DCDA-II	Apollo/Conbraco	DCDA2LF4AR	2 1/2	H	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	2 1/2	VU	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	3	H	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	3	VU	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	4	H	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	4	VU	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	6	H	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	6	VU	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	8	H	27-Mar-2018
DCDA-II	Apollo/Conbraco	DCDA2LF4AR	8	VU	27-Mar-2018
DCDA-II	Febco	LF876V	10	VUVD	29-May-2018
DCDA-II	Febco	LF876V	10	VUVU	29-May-2018
DCDA-II	Backflow Direct	Deringer 30G	8	H	31-Jul-2018
DCDA-II	Backflow Direct	Deringer 30G	8	VU	31-Jul-2018
DCDA-II	Backflow Direct	Deringer 30GX	6	H	31-Jul-2018
DCDA-II	Backflow Direct	Deringer 30GX	6	VU	31-Jul-2018
DCDA-II	Backflow Direct	Deringer 30G	2 1/2	H	7-Dec-2018
DCDA-II	Backflow Direct	Deringer 30G	2 1/2	VU	7-Dec-2018
DCDA-II	Backflow Direct	Deringer 30G	3	H	7-Dec-2018
DCDA-II	Backflow Direct	Deringer 30G	3	VU	7-Dec-2018
DCDA-II	Backflow Direct	Deringer 30G	4	H	7-Dec-2018
DCDA-II	Backflow Direct	Deringer 30G	4	VU	7-Dec-2018

Reduced Pressure Principle Detector Assemblies-Type II

RPDA-II	Apollo/Conbraco	RPDA2LF4AR	2 1/2	H	27-Mar-2018
RPDA-II	Apollo/Conbraco	RPDA2LF4AR	3	H	27-Mar-2018
RPDA-II	Apollo/Conbraco	RPDA2LF4AR	4	H	27-Mar-2018
RPDA-II	Apollo/Conbraco	RPDA2LF4AR	6	H	27-Mar-2018
RPDA-II	Apollo/Conbraco	RPDA2LF4AR	8	H	27-Mar-2018
RPDA-II	Febco	LF886V	10	VUVD	29-May-2018
RPDA-II	Febco	LF886V	10	VUVU	29-May-2018
RPDA-II	Backflow Direct	Deringer 50G	2 1/2	H	24-Oct-2018
RPDA-II	Backflow Direct	Deringer 50G	3	H	24-Oct-2018
RPDA-II	Backflow Direct	Deringer 50G	4	H	24-Oct-2018

RP	Ames	4000BM2-FP	2	H	15-Mar-2018
RP	Backflow Direct	Magnum 40	2 1/2	H	15-Mar-2018
RP	Backflow Direct	Magnum 40	3	H	15-Mar-2018
RP	Backflow Direct	Magnum 40	4	H	15-Mar-2018
RP	Backflow Direct	Magnum 40	8	H	15-Mar-2018
RP	Backflow Direct	Magnum 40X	6	H	15-Mar-2018
RP	Febco	LF880V	10	VUVD	29-May-2018
RP	Febco	LF880V	10	VUVU	29-May-2018
RP	ARI	RP 501	1/2	H	6-Sep-2018
RP	Backflow Direct	Deringer 40G	2 1/2	H	24-Oct-2018
RP	Backflow Direct	Deringer 40G	3	H	24-Oct-2018
RP	Backflow Direct	Deringer 40G	4	H	24-Oct-2018
RP	Backflow Direct	Magnum 40G	2 1/2	H	24-Oct-2018
RP	Backflow Direct	Magnum 40G	3	H	24-Oct-2018
RP	Backflow Direct	Magnum 40G	4	H	24-Oct-2018
RP	BEECO	Barracuda 40	2 1/2	H	18-Dec-2018
RP	BEECO	Barracuda 40	3	H	18-Dec-2018
RP	BEECO	Barracuda 40	4	H	18-Dec-2018
RP	Wilkins	475ST	4	VUVD	18-Dec-2018
RP	Wilkins	475ST	4	VUVU	18-Dec-2018
RP	Wilkins	475ST	6	VUVD	18-Dec-2018
RP	Wilkins	475ST	6	VUVU	18-Dec-2018
RP	Wilkins	475ST	8	VUVD	18-Dec-2018
RP	Wilkins	475ST	8	VUVU	18-Dec-2018
RP	Wilkins	475ST	10	VUVD	18-Dec-2018
RP	Wilkins	475ST	10	VUVU	18-Dec-2018
RP	Wilkins	475STR	4	VUVD	18-Dec-2018
RP	Wilkins	475STR	4	VUVU	18-Dec-2018
RP	Wilkins	475STR	6	VUVD	18-Dec-2018
RP	Wilkins	475STR	6	VUVU	18-Dec-2018
RP	Wilkins	475STR	8	VUVD	18-Dec-2018
RP	Wilkins	475STR	8	VUVU	18-Dec-2018
RP	Wilkins	475STR	10	VUVD	18-Dec-2018
RP	Wilkins	475STR	10	VUVU	18-Dec-2018
RP	Wilkins	975XLDTCU	3/4	H	18-Dec-2018
RP	Apollo/Conbraco	RP4AN	1	VUVD	16-Jan-2019
RP	Apollo/Conbraco	RPLF4AN	1	VUVD	16-Jan-2019
RP	Wilkins	375ASTRW1	2 1/2	H	16-Jan-2019
RP	Wilkins	375ASTRW1	3	H	16-Jan-2019
RP	Wilkins	375ASTRW1	4	H	16-Jan-2019
RP	Wilkins	375ASTRW1	6	H	16-Jan-2019
RP	Wilkins	375ASTW1	2 1/2	H	16-Jan-2019
RP	Wilkins	375ASTW1	3	H	16-Jan-2019
RP	Wilkins	375ASTW1	4	H	16-Jan-2019
RP	Wilkins	375ASTW1	6	H	16-Jan-2019

Pressure Vacuum Breaker Assemblies

PVB	ARI	VB-501	3/4	VUH	13-Jun-2018
PVB	ARI	VB-501	1	VUH	13-Jun-2018
PVB	ARI	VB-501	1/2	VUH	6-Sep-2018

Spill Resistant Pressure Vacuum Breaker Assemblies

DELETIONS

ASSEMBLY AND SPARE PARTS ARE NO LONGER MANUFACTURED

Double Check Valve Assemblies

Type	Manufacturer	Model	Size	Orientation(s)	Date Deleted
DC	Cash Acme	DC 500	3/4	H	22-Feb-2018
DC	Cash Acme	DC 500	1	H	22-Feb-2018
DC	Cash Acme	DC100	3/4	H	22-Feb-2018
DC	Cash Acme	DC100	1	H	22-Feb-2018
DC	Cash Acme	DC100	1 1/2	H	22-Feb-2018
DC	Cash Acme	DC100	2	H	22-Feb-2018
DC	Febco	750	10	H	22-Feb-2018
DC	Febco	750	10	H	22-Feb-2018
DC	Febco	750	10	VU	22-Feb-2018
DC	Febco	750	10	VU	22-Feb-2018
DC	Febco	750	2 1/2	H	22-Feb-2018
DC	Febco	750	2 1/2	H	22-Feb-2018
DC	Febco	750	2 1/2	VU	22-Feb-2018
DC	Febco	750	2 1/2	VU	22-Feb-2018
DC	Febco	750	3	H	22-Feb-2018
DC	Febco	750	3	H	22-Feb-2018
DC	Febco	750	3	VU	22-Feb-2018
DC	Febco	750	3	VU	22-Feb-2018
DC	Febco	750	4	H	22-Feb-2018
DC	Febco	750	4	H	22-Feb-2018
DC	Febco	750	4	VU	22-Feb-2018
DC	Febco	750	4	VU	22-Feb-2018
DC	Febco	750	6	H	22-Feb-2018
DC	Febco	750	6	H	22-Feb-2018
DC	Febco	750	6	VU	22-Feb-2018
DC	Febco	750	6	VU	22-Feb-2018
DC	Febco	750	8	H	22-Feb-2018
DC	Febco	750	8	H	22-Feb-2018
DC	Febco	750	8	VU	22-Feb-2018
DC	Febco	750	8	VU	22-Feb-2018

Reduced Pressure Principle Assemblies

Type	Manufacturer	Model	Size	Orientation(s)	Date Deleted
RP	Cash Acme	RP 500	3/4	H	22-Feb-2018
RP	Cash Acme	RP 500	1	H	22-Feb-2018
RP	Cash Acme	RP100	3/4	H	22-Feb-2018
RP	Cash Acme	RP100	1	H	22-Feb-2018
RP	Cash Acme	RP100	1 1/2	H	22-Feb-2018
RP	Cash Acme	RP100	2	H	22-Feb-2018
RP	Cash Acme	RP200	1/2	H	22-Feb-2018
RP	Cash Acme	RP200	3/4	H	22-Feb-2018
RP	Febco	760	2 1/2	H	22-Feb-2018
RP	Febco	760	2 1/2	H	22-Feb-2018
RP	Febco	760	3	H	22-Feb-2018
RP	Febco	760	3	H	22-Feb-2018
RP	Febco	760	4	H	22-Feb-2018
RP	Febco	760	4	H	22-Feb-2018
RP	Febco	760	6	H	22-Feb-2018
RP	Febco	760	6	H	22-Feb-2018
RP	Febco	760	8	H	22-Feb-2018
RP	Febco	760	8	H	22-Feb-2018
RP	Febco	760	10	H	22-Feb-2018
RP	Febco	760	10	H	22-Feb-2018
RP	Febco	760N	2 1/2	VUVD	22-Feb-2018
RP	Febco	760N	2 1/2	VUVD	22-Feb-2018
RP	Febco	760N	3	VUVD	22-Feb-2018
RP	Febco	760N	3	VUVD	22-Feb-2018
RP	Febco	760N	4	VUVD	22-Feb-2018
RP	Febco	760N	4	VUVD	22-Feb-2018
RP	Febco	760Z	2 1/2	VUVU	22-Feb-2018
RP	Febco	760Z	2 1/2	VUVU	22-Feb-2018
RP	Febco	760Z	3	VUVU	22-Feb-2018
RP	Febco	760Z	3	VUVU	22-Feb-2018

DC	Febco	750N	2 1/2	VUVD	22-Feb-2018
DC	Febco	750N	2 1/2	VUVD	22-Feb-2018
DC	Febco	750N	3	VUVD	22-Feb-2018
DC	Febco	750N	3	VUVD	22-Feb-2018
DC	Febco	750N	4	VUVD	22-Feb-2018
DC	Febco	750N	4	VUVD	22-Feb-2018
DC	Febco	750N	6	VUVD	22-Feb-2018
DC	Febco	750N	6	VUVD	22-Feb-2018
DC	Flomatic	DCV	3/4	H	22-Feb-2018
DC	Flomatic	DCV	1	H	22-Feb-2018
DC	Flomatic	DCV	1 1/2	H	22-Feb-2018
DC	Flomatic	DCV	2	H	22-Feb-2018
DC	Flomatic	DCV	2 1/2	H	22-Feb-2018
DC	Flomatic	DCV	3	H	22-Feb-2018
DC	Flomatic	DCV	4	H	22-Feb-2018
DC	Flomatic	DCV	4	H	22-Feb-2018
DC	Flomatic	DCV	6	H	22-Feb-2018
DC	Flomatic	DCV	6	H	22-Feb-2018
DC	Flomatic	DCV	8	H	22-Feb-2018
DC	Flomatic	DCVE	3/4	H	22-Feb-2018
DC	Flomatic	DCVE	1	H	22-Feb-2018
DC	Flomatic	DCVE	1 1/2	H	22-Feb-2018
DC	Flomatic	DCVE	2	H	22-Feb-2018
DC	Hersey	2	3	H	22-Feb-2018
DC	Hersey	2	4	H	22-Feb-2018
DC	Hersey	2	6	H	22-Feb-2018
DC	Hersey	2	8	H	22-Feb-2018
DC	Hersey	2	10	H	22-Feb-2018

Pressure Vacuum Breaker Assemblies

PVB	Flomatic	PVB	3/4	VUH	22-Feb-2018
PVB	Flomatic	PVB	1	VUH	22-Feb-2018

RP	Febco	760Z	4	VUVU	22-Feb-2018
RP	Febco	760Z	4	VUVU	22-Feb-2018
RP	Flomatic	RPZ	3/4	H	22-Feb-2018
RP	Flomatic	RPZ	1	H	22-Feb-2018
RP	Flomatic	RPZ	1 1/2	H	22-Feb-2018
RP	Flomatic	RPZ	2	H	22-Feb-2018
RP	Flomatic	RPZ	2 1/2	H	22-Feb-2018
RP	Flomatic	RPZ	3	H	22-Feb-2018
RP	Flomatic	RPZ	4	H	22-Feb-2018
RP	Flomatic	RPZ	4	H	22-Feb-2018
RP	Flomatic	RPZ	6	H	22-Feb-2018
RP	Flomatic	RPZ	6	H	22-Feb-2018
RP	Flomatic	RPZ	8	H	22-Feb-2018
RP	Flomatic	RPZE	3/4	H	22-Feb-2018
RP	Flomatic	RPZE	1	H	22-Feb-2018
RP	Flomatic	RPZE	1 1/2	H	22-Feb-2018
RP	Flomatic	RPZE	2	H	22-Feb-2018
RP	Flomatic	RPZE II	1/2	H	22-Feb-2018
RP	Flomatic	RPZE II	3/4	H	22-Feb-2018
RP	Flomatic	RPZII	1/2	H	22-Feb-2018
RP	Flomatic	RPZII	3/4	H	22-Feb-2018
RP	Flomatic	RPZIIE	1/2		22-Feb-2018
RP	Flomatic	RPZIIE	3/4		22-Feb-2018

Reduced Pressure Principle Detector Assemblies

RPDA	Watts	009NRSRPDA	4	H	22-Feb-2018
RPDA	Watts	009NRSRPDA	6	H	22-Feb-2018
RPDA	Watts	009OSYRPDA	4	H	22-Feb-2018
RPDA	Watts	009OSYRPDA	6	H	22-Feb-2018

REGULATIONS FOR THE INSTALLATION OF WATER METERS

THESE REGULATIONS DO NOT PRE-EMPT THE NEED FOR A BACKFLOW PREVENTION DEVICE WHERE REQUIRED:

- See attached for special compound water meter installation requirements
- All service lines MUST be metered - including fire lines, which must have at the minimum, a detector check system
- All fire line metering systems MUST be pre-approved by the Water Department
- All 5/8" meters shall be furnished at the expense of the Water Department
- All meters larger than 5/8" MUST be purchased or approved by the Water Department
- All meters MUST be installed in a horizontal position
- All meters regardless of size MUST have both an inlet and outlet ball valve located on either side of the meter
- All meters 1 ½" and larger in size MUST have both an inlet and outlet ball valve located on either side of the meter; additionally, they must have a by-pass line around the meter with a * locking handle ball valve
- All meters 2" and larger MUST be of the compound type, unless approved differently by the Water Department
- All pit installations MUST be pre-approved by the Water Department
- All meters shall be maintained in proper working condition
- All meters installed by agents other than from the Water Department, **MUST BE INSPECTED by the Water Department**
- Failure to comply with any of these regulations could lead to costly construction changes at a latter time

REGULATIONS PERTAINING TO THE READING OF WATER METERS

- The City Municipal Code states that you MUST supply the Water Department with meter readings, when so requested
- The owner and tenant shall provide ready and convenient access to the meter so that it may be frequently read and examined by the Water Department

* Nibco series 585 fullport ball valve with optional Locking Handle or equivalent

Special Installation Requirements
Sensus Compound Water Meters

Proper meter installation will help assure long term meter accuracy, maximum revenue and reduce future meter maintenance and expense.

In order to maintain factory calibration levels, the following instructions and installation depicted should be followed:

1. Install meter in horizontal plane.
2. Valves immediately upstream of the meter should only be full-open gate valves. Butterfly valves are acceptable if five (5) pipe diameters or more upstream. Downstream, full-open gate or butterfly valves can be used.
3. For protection of the meter from debris and to condition incoming flows from upstream flow disturbances, a strainer is recommended to be installed immediately upstream of the meter.
4. Do not install check valves or pressure reducing devices less than ten (10) pipe diameters upstream of the meter and three (3) to five (5) pipe diameters downstream.
5. Elbows, bends and non-concentric reducers should be a minimum of ten (10) pipe diameters upstream of meter.

Reference Sensus Bulletin CM-712 for a factory Pre-Fab Pak meter installation package.

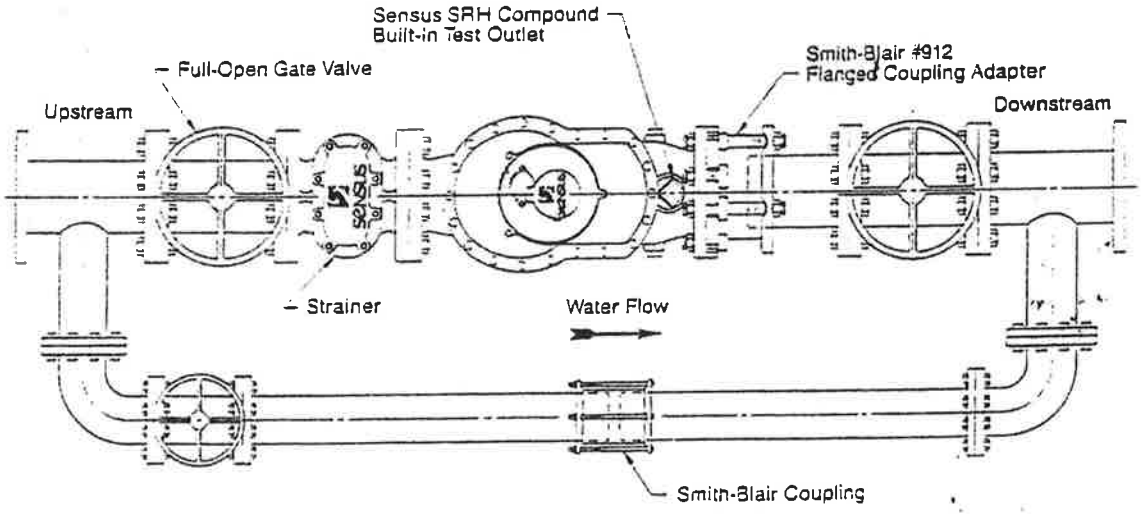


Figure 1.

SENSUS TECHNOLOGIES, INC.
A BTR Company

Sensus Technologies, Inc.
P.O. Box 487
Bailey & Gallatin Avenues
Uniontown, PA 15401

TOLL FREE HOTLINE
1-800-METER-IT
1-800-638-3748

AUTHORIZED DISTRIBUTOR

Engineer's Report

Name of Facility/Project: _____

Address: _____

_____

1. Facility/Project Classification (check all that apply):

- ☐ Residential Multi Family ; Number of Units _____
- ☐ Single Retail Store
- ☐ Multiple Retail Stores/Plazas
- ☐ Single Business
- ☐ Multiple Business, Professional/Office Building
- ☐ Food Service/Restaurant
- ☐ Laundromats/Dry Cleaners
- ☐ Hotel/Motel; Number of Units _____
- ☐ Car Wash
- ☐ Medical Center/ Nursing Home/Hospital
- ☐ Funeral Home
- ☐ School/Public/Private
- ☐ Country Club/Golf Course
- ☐ Church
- ☐ Nurseries/Garden Store
- ☐ Automotive Sales/Service Center
- ☐ Grocers
- ☐ Warehouse/Distribution Center ; Please describe what is warehoused and/or distributed at the facility _____
  _____
- ☐ Manufacturing ; Please describe the type of manufacturing and what is manufactured at the facility _____
  _____
  _____
- ☐ Industrial ; Please describe the type of industrial facility _____
  _____
  _____
- ☐ Other , Be specific ; _____

1.a Total number of buildings _____

1.b Total number of stories (floors) will the facility have? _____

1.c What is the square footage of floor space at the facility? _____

2.a General use of water within the facility, proposed or existing, check all that apply;

☐ Rest Room Facilities	☐ Trap Primers	☐ Mortuary Equipment
☐ Vending/Soda Machines	☐ Aspirators	☐ Autoclaves/Sterilizers
☐ Kitchen Equipment	☐ Swimming Pool	☐ Power Washing Equipment
☐ Laundry Equipment	☐ Hose Bibbs	☐ Water Cooled Equipment
☐ Boiler Makeup Water	☐ Plating Tank	☐ Sewage pump/ejectors
☐ Ornamental Fountain	☐ Cuspidors	☐ Solar Domestic Hot Water

Other - ***Be Specific ;*** _____

_____

_____

2.b Does the facility contain any of the following, existing or proposed, check all that apply ;

☐ Dedicated Irrigation System	☐ Private Fire Hydrant(s)
☐ Booster Pump System	☐ Auxiliary Water Supply
☐ Reclaimed Water System	☐ Dedicated Fire Suppression/Sprinkler System

3.a Give a detailed description of the Heating and Cooling system and any connections they may have to the internal plumbing in the facility ; _____

_____

_____

_____

	Y	N	
3.b	☐	☐	Will the heating/cooling be directly connected (e.g. makeup line for boiler/ cooling, etc.) to the internal plumbing?
3.c	☐	☐	Will the heating/cooling system use or be set up to use automatic chemical feed equipment and/or chemical feed tanks for additive chemicals such as antifreeze, descaler, conditioners, cleaning agents, etc.?
3.d	☐	☐	Will the makeup line have any backflow containment device installed on it as a means of internal containment?

4.a List the size of all domestic service lines _____ ☐ Proposed ☐ Existing

4.b List the size of all Fire service lines_____ ☐ Proposed ☐ Existing

4.c What is the type of fire system? Check all that apply.

☐ Wet System	☐ Dry System
☐ Private Fire Hydrant (external)	☐ Pumper (Siamese) Connection (external)
☐ Other _____	

4.d What is the AWWA Manual M-14 Classification of the fire system? _____

You ***Must* supply written documentation from your sprinkler company, on their letterhead, indicating the American Water Works Authority (A.W.W.A.) Manual M-14 Class of sprinkler system for all proposed and existing fire suppression systems.**

	Y	N	
5.	☐	☐	Will the internal domestic water supply be directly connected to the Sanitary and/or Storm Sewer water system, (e.g. Trap Primers, Automatic or Manual drain/sewer flushing equipment, etc.)? If YES, please describe _____
6.	☐	☐	Will the area where the backflow preventer is located, be adequately heated to prevent freezing?
7.	☐	☐	Will the area where the backflow preventer is located, be adequately lighted to allow for maintenance and testing of the device(s)?
8.	☐	☐	Will the backflow preventer be housed in an outdoor insulated enclosure (e.g. Hot Box or HydroCowl)?
9.	☐	☐	Does the facility need a continuous water supply? (If YES dual backflow preventers will be required)?
10.	☐	☐	Will the facility require a booster pump on the domestic service?
11.	☐	☐	Will the facility have an underground irrigation (lawn sprinkler) system?

12. Please indicate to where does the RPZ Relief Port Discharge (drain)?

- ☐ non-applicable for Double Check Valve Assembly (DCVA)
- ☐ Sanitary Sewer Lateral - ***Discharge piping connected to a sanitary sewer must be trapped and equipped with a backwater check valve***
- ☐ Storm Sewer Lateral - ***Discharge piping connected to a storm sewer must be equipped with a backwater check valve***
- ☐ Floor Drain - ***Discharge piping from relief valves must be terminated a minimum of one inch above any floor drain***
- ☐ Outside Grade - ***Terminal end of discharge piping must have a rodent screen. Flap valves should also be considered to prevent the entry of cold air.***
- ☐ Other _____

Important Consideration - ***The drain for the RPZ Relief Port must be adequately sized to accommodate a full discharge (dump) from the relief port without flooding the surrounding area.***

Any item left blank could result in a delay in reviewing the backflow application. The City may require additional information based on a detailed review of this project.

I certify that this information is true to the best of my knowledge.

Owners Signature _____ Date _____

I certify that I have reviewed the information contained in this report.

Plumbing Contractor Signature _____ Date _____

Do not write below this line - Department use only

Y N

☐ ☐ Is the facility located in the 100 year flood plain?

With respect to the facility, what is the degree of Hazard of potential cross connection contaminants used, stored or processed at the facility. (Read Definition A at the end of this form)

☐ Aesthetically Objectionable
☐ Hazardous

Reason: _____
_____

With respect to the Domestic Service, what is the potential for cross connection and subsequent backflow to occur? (Read Definition B at the end of this form)

☐ Low
☐ Moderate
☐ High

Reason: _____
_____

Comments: _____
_____
_____
_____

Application Reviewed by: _____ Date _____

Definition "A" Degree of Hazard of Potential Contaminants

Hazardous

During the course of business, the facility may use, process or store significant amounts of contaminants that would be considered Toxic to Human Health if they where introduced into the public water supply, (e.g. toxic chemicals, toxic dyes, acids, alkalies, toxic detergents, bacterial cultures, blood and tissue waste, solvents, toxic insecticides & herbicides, antifreezes, sewage, etc.)

Aesthetically Objectionable

During the course of business, the facility does not use contaminants that are considered Toxic, but may use, process, or store significant amounts of contaminants that if introduced into the public water supply may effect the taste, temperature, odor, color and/or the aesthetic features of the public water supply. (e.g. stagnant water, non-toxic soaps and/or cleaning agents, food grade dyes, non-chemically treated boiler/cooling water, etc.)

Non Hazardous

The facility does not use, process, or store significant amounts of contaminants that would be considered toxic, or of aesthetic concern by the above Hazardous/Aesthetically Objectionable definitions (e.g. office buildings, retail stores, commercial establishments utilizing public water for rest room and drinking fountains, private homes, etc.)

Definition "B" Potential for Cross Connection/Backflow to Occur

High

Domestic water use within the facility is directly (hard tapped) into equipment that have no internal backflow devices that would prevent direct contact with potential contaminants (e.g. tanks with water inlets below the rim overflow, aspirators, lawn irrigation, chemical injecting/mixing equipment, etc.) The concept being that any occurrence of backflow (back pressure or back siphonage) would directly pull or push contaminants unimpeded back into the public water supply.

Moderate

Domestic water use within a facility is directly connected (hard tapped) into equipment that have internal backflow devices installed on them such as air gaps, vacuum breakers, check valves, reduced pressure zone devices, (e.g. commercial dish washers,,commercial garbage disposal, tanks with proper air gap on the inlet line, sprayers and aspirator with built in vacuum breakers, HVAC makeup lines with RPZ/check valves installed on them, etc.). The concept being that given an occurrence of backflow (back pressure or back siphonage) contaminants would be pulled or pushed back into the public water supply only if the internal backflow device on a piece of equipment (internal containment) failed first

Minimal

Domestic water use within the facility is not directly connected (hard tapped) into equipment that may come into contact with potential contaminants. (e.g. rest rooms slop sinks, drinking fountains, hose bibs, etc.) The concept being that during an occurrence of backflow (back siphonage, back pressure) the internal plumbing would first have to be modified to create a cross connection, (e.g. hose added to slop sink outlet, garden hose attached to hose bib, etc.) for contaminants to be pulled or pushed back into the public water supply.

NEW YORK STATE DEPARTMENT OF HEALTH

Bureau of Public Water Supply Protection

Application for Approval of Backflow Prevention Devices

PRINT OR TYPE ALL ENTRIES EXCEPT SIGNATURES
Please completed items 1 through 12a + Block and Lot Numbers

Block #	Lot #	FOR DEPARTMENT USE ONLY Log No.

1. Name of Facility	2. City, Village, Town	3. County

4. Location of Facility (Street)	City	state	zip

4a. Phone Numbers	5. Contact Person

5. Approx. Location of Device(s)	6. Mfg. Model #	Size of Device(s)

# of Fire Services	# of Domestic Services	# of Combined Services	Total # of Services	Total # of Buildings

7. Name of Owner	Title	Phone Number	8. Nature of works
			☐ Initial Device Installation ☐ Replace Existing Device

Full Mailing Address
Address (street) _____
City _____ state _____ zip _____

Owner's Signature _____ Date ____/____/____ (M D Y)

8a.
☐ New Service
☐ Existing Service

8b.
☐ New Building
☐ Existing Building
☐ Major Renovations

9. Name of Design Engineer or Architect: Seth N. Jensen

Address (Street): 35 Bradley St
City: Auburn
State: New York Zip: 13021

Signature _____

Original Ink signature and seal required on all copies

10. NYS License #: 088289-1

☑ PE ☐ RA ☐ Other

10a. Telephone Number(s): 315-253-6511

Date ____/____/____ (M D Y)

11. Water System Pressure (psi) at Point of Connection	12. Estimate Installation Cost	12a. Estimate Design Cost
Max _____ Avg _____ Min _____		

13. Degree of Hazard
☐ Hazardous
☐ Aesthetically Objectionable

List of processes or reasons that lead to degree of hazard checked:

14. Public water supply name: City of Auburn

Mailing Address
35 Bradley St (street)
Auburn (City) New York (state) 13021 (zip)

Telephone No. (315) 253-6511

Name of supplier's designate representative

Title: Joseph Sliwka - Backflow Coordinator

Signature _____ ____/____/____ (M D Y)

Note: All applicants must be accompanied by plans, specifications and an engineer's report describing the project in detail. The project must first be submitted to the water supplier, who will forward it to the local public health engineer. This form must be prepared in quadruplicate with four copies of all plans, specifications and descriptive literature.

DOH-347 (5/91)

BACKFLOW BOOKLET RECEIPT
CITY OF AUBURN, WATER DEPARTMENT

property location	date
owner	issued by:
mailing address	WATER DEPT. USE ONLY
	Service connection
city/state/zip	Meter installed

It is the responsibility of the water supplier to ensure the safeguards to protect its water supply.

The rules governing cross-connection control as stated in the Auburn Municipal Code, Chapter 45, article IV and the New York Sanitary Code, Part 5-1.31 are strictly enforced. Our Backflow Information booklet contains all the necessary forms and regulations to comply with these standards.

I have received a packet containing the following:

- A backflow information booklet.
- A copy of Chapter 6 of the American Water Works Association manual pertaining to backflow prevention and fire protection.
- Regulations pertaining to water meter installation and reading.
- Business card of the contact person for any questions regarding service installation requirements.

THIS SECTION IS TO BE COMPLETED IF BEING ISSUED TO OTHER THAN THE PROPERTY OWNER. PLEASE PRINT	
Name	
Representing	Telephone no.

signature of owner or agent

white	Yellow	Pink	Gold
Meter/Backflow Department (bflwrcpt.frm)	Water Billing Department	Code Enforcement	Applicant