

City of Leduc - Utility Services 4300 - 56 Avenue Leduc, AB T9E 6T7 Phone: (780) 980-7133 Fax: (780) 986-3302

## BACKFLOW PREVENTION ASSEMBLY TEST REPORT

## **City of Leduc Water Services**

| Facility Name:   |  |   |  |  |   |  |  |
|--|--|---|--|--|---|--|--|
| Service Address:   |  |   |  | Postal Code:   |   |  |  |
| Owner / 0  | Customer:  |   | Initial Test   | Annual Test  | Repair Test   |  |  |
| Owner's Contact Name:  |  |   |  | Is this a replacement? Yes No (If YES please include information for existing AND replacement assembly.)   |   |  |  |
| Owner's Address:   |  |   |  | Remarks: (Reason for installation, test, repair, etc.)   |   |  |  |
|  |  |   |  | 1  |   |  |  |
| Postal Code:   |  |   |  |  |   |  |  |
| Telephone # Fax #  |  |   |  |  |   |  |  |
| Assembly Location:   |  |   |  | BFP Assembly   | New or Existing   | Replacement  |  |
| ☐ Premises-Isolating Assembly ☐ Zone Assembly ☐ Fixture Assembly |  |   |  | Туре   |   |  |  |
| Protection Type:   Domestic Fire   Irrigation                    |  |   |  | Manufacturer   |   |  |  |
| Other (please specify)   |  |   |  | Model  |   |  |  |
| т  |  | R.P.) OR DOUBLE CHECK VA  | LVE ASSEMBLY (D.C.V.A.)  | Serial #<br>Size   |   |  |  |
| <u> </u>   | STATIC INLET LINE PRESSURE AT TIME OF TEST Psi   |   |  | Installation Date  |   |  |  |
| _  | A Static Pressure Drop Across Che  |   | A Psi  | Water Meter #  |   |  |  |
| S  | <b>B</b> Opening Point of Relief Valve - (   | - ,   | -B Psi   | Plumbing Permit #  |   |  |  |
| Т  | C Buffer (must be 3 psi or greater)  Check Valve No. 1   | A - B = C  Check Valve No. 2  | = C Psi  RP Relief Valve Test  | PVB/SRPVB  | Shut Off Valves   | Air Gap  |  |
| •  | Closed Tight   | Closed Tight  | 78 770101 78110 7000   | Air Inlet Opened at  | #1 #2   |  |  |
| -10  | Pressure Drop Across Check Valve No. 1   | Pressure Drop Across Check Valve No. 2  | Opened at PSID   | PSID   | Closed Tight  | Annual Inspection  |  |
| PASSED   | Held at PSID   | Held at . PSID  | Must be 13.79 kPa ( 2 psi ) or greater   |  |   |  |  |
|  | (REQUIRED)   | (REQUIRED)  |  |  | Leaked  | Meets Definition of Approved Air Gap   |  |
| FAILED   | Leaked   | Leaked  | Failed to Open   | Failed to Open   |   | — Approved All Gap   |  |
|  | If the device failed the initial test for any reason, complete the Retest sections below   |   |  |  |   |  |  |
| •  | lf t   | the device failed the initial   | test for any reason, complete  | e the Retest sections  | below   |  |  |
|  | CLEANED  | CLEANED   | CLEANED  | CLEANED  |   | #1 #2  |  |
| R  |  |   |  |  | CLEANED REPA REI  |  |  |
| R<br>E   | CLEANED REPLACED Disc Spring   | CLEANED REPLACED Disc Spring  | CLEANED REPLACED Disc Spring   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring   | CLEANED   |  |  |
| R  | CLEANED REPLACED Disc Spring Guide   | CLEANED REPLACED Disc Spring Guide  | CLEANED REPLACED Disc Spring Guide   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc  | CLEANED<br>REPA REI   |  |  |
| R<br>E<br>P  | CLEANED REPLACED Disc Spring   | CLEANED REPLACED Disc Spring  | CLEANED REPLACED Disc Spring   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring   | CLEANED<br>REPA REI   |  |  |
| R<br>E<br>P<br>A<br>I<br>R                                       | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s)  | ☐ CLEANED ☐ REPLACED ☐ Disc ☐ Spring ☐ Guide ☐ Seat ☐ Hinge Pin ☐ O-Ring(s)   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s)  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring   | CLEANED<br>REPA REI   |  |  |
| R<br>E<br>P<br>A   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  Diaphragm  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm   | CLEANED<br>REPA REI<br>REPLACEI   |  |  |
| R E P A I R S  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module   | ☐ CLEANED ☐ REPLACED ☐ Disc ☐ Spring ☐ Guide ☐ Seat ☐ Hinge Pin ☐ O-Ring(s)   | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  Diaphragm  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float   | CLEANED<br>REPA REI<br>REPLACEI   |  |  |
| R E P A I R S  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module REDUCED PRESSURE (I   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA   | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  Diaphragm  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm   | CLEANED<br>REPA REI<br>REPLACEI   |  |  |
| R E P A I R S R E T  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSURE A Static Pressure Drop Across Che   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LVE ASSEMBLY (D.C.V.A.) Psi A Psi   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm   | CLEANED<br>REPA REI<br>REPLACEI   |  |  |
| R E P A I R S R E T F  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - (  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LIVE ASSEMBLY (D.C.V.A.) Psi A Psi -B Psi   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm   | CLEANED<br>REPA REI<br>REPLACEI   |  |  |
| R E P A I R S R E T F  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSURE A Static Pressure Drop Across Che   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LVE ASSEMBLY (D.C.V.A.) Psi A Psi   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm   | CLEANED<br>REPA REI<br>REPLACEI   |  |  |
| R E P A I R S R E T E  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - (C Buffer (must be 3 psi or greater)   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA E AT TIME OF TEST eck Valve No. 1 must be 2 psi or greater) A - B = C   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LVE ASSEMBLY (D.C.V.A.) Psi A Psi - B Psi - C Psi   | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Remarks: (Reason for fail   | CLEANED REPA REI REPLACEI   | to repair, etc.)   |  |
| R E P A I R S T E S T  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1  | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  R.P.) OR DOUBLE CHECK VA  E AT TIME OF TEST  eck Valve No. 1  must be 2 psi or greater)  A - B = C  Check Valve No. 2  Closed Tight  Pressure Drop Across Check Valve No. 2                                   | CLEANED  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Remarks: (Reason for fail   | CLEANED REPA REI REPLACEI  ure and additional actions taken  Shut Off Valves  | to repair, etc.)   |  |
| R E P A I R S T E S T  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1 Closed Tight   | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA E AT TIME OF TEST eck Valve No. 1 must be 2 psi or greater) A - B = C Check Valve No. 2 Closed Tight  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LVE ASSEMBLY (D.C.V.A.) Psi A Psi -B Psi -C Psi RP Relief Valve Test  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Remarks: (Reason for fail   | CLEANED REPA REI REPLACEI  sture and additional actions taken  Shut Off Valves #1 #2  Closed Tight  | to repair, etc.)  Air Gap  Annual Inspection   |  |
| R E P A I R S T E S T PASSED                                     | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1 Closed Tight Pressure Drop Across Check Valve No. 1 Held atPSID  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module R.P.) OR DOUBLE CHECK VA E AT TIME OF TEST ack Valve No. 1 must be 2 psi or greater) A - B = C Check Valve No. 2 Closed Tight Pressure Drop Across Check Valve No. 2 Held atPSID                                       | CLEANED  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Remarks: (Reason for fail   | CLEANED REPA REI REPLACED  The state of the | to repair, etc.)   |  |
| R E P A I R S T E S T E S T                                      | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1  Closed Tight Pressure Drop Across Check Valve No. 1 Held atPSID (REQUIRED) Leaked   | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  R.P.) OR DOUBLE CHECK VA  E AT TIME OF TEST  eck Valve No. 1  must be 2 psi or greater)  A - B = C  Check Valve No. 2  Closed Tight  Pressure Drop Across Check Valve No. 2  Held at  (REQUIRED)              | CLEANED  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Remarks: (Reason for fail   | CLEANED REPA REI REPLACEI  sture and additional actions taken  Shut Off Valves #1 #2  Closed Tight  | to repair, etc.)  Air Gap  Annual Inspection  Meets Definition of                            |  |
| R E P A I R S T E S T E S T                                      | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1  Closed Tight Pressure Drop Across Check Valve No. 1  Held at PSID (REQUIRED) Leaked   | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  R.P.) OR DOUBLE CHECK VA  E AT TIME OF TEST  eck Valve No. 1  must be 2 psi or greater)  A - B = C  Check Valve No. 2  Closed Tight  Pressure Drop Across Check Valve No. 2  Held at PSID  (REQUIRED)  Leaked | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LVE ASSEMBLY (D.C.V.A.) Psi A Psi -B Psi = C Psi RP Relief Valve Test  Opened at PSID Must be 13.79 kPa (2 psi) or greater Failed to Open | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Air Inlet Spring Float Diaphragm Air Inlet Opened at PS D Failed to Open                          | CLEANED REPA REI REPLACED  REPLACED | to repair, etc.)  Air Gap  Annual Inspection  Meets Definition of Approved Air Gap           |  |
| R E P A I R S T E S T E S T                                      | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1  Closed Tight Pressure Drop Across Check Valve No. 1  Held at PSID (REQUIRED) Leaked   | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  R.P.) OR DOUBLE CHECK VA  E AT TIME OF TEST  eck Valve No. 1  must be 2 psi or greater)  A - B = C  Check Valve No. 2  Closed Tight  Pressure Drop Across Check Valve No. 2  Held at PSID  (REQUIRED)  Leaked | CLEANED  | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Air Inlet Spring Float Diaphragm Air Inlet Opened at PS D Failed to Open                          | CLEANED REPA REI REPLACED  REPLACED | to repair, etc.)  Air Gap  Annual Inspection  Meets Definition of Approved Air Gap           |  |
| R E P A I R S T E S T E S T FALED                                | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module  REDUCED PRESSURE (I STATIC INLET LINE PRESSUR A Static Pressure Drop Across Che B Opening Point of Relief Valve - ( C Buffer (must be 3 psi or greater) Check Valve No. 1 Closed Tight Pressure Drop Across Check Valve No. 1 Held atPSID (REQUIRED) Leaked  REPORT IS CERTIFIED TO BE TRUE: (Signature of Tester - I certif | CLEANED  REPLACED  Disc  Spring  Guide  Seat  Hinge Pin  O-Ring(s)  Module  R.P.) OR DOUBLE CHECK VA  E AT TIME OF TEST  eck Valve No. 1  must be 2 psi or greater)  A - B = C  Check Valve No. 2  Closed Tight  Pressure Drop Across Check Valve No. 2  Held atPSID  (REQUIRED)  Leaked  | CLEANED REPLACED Disc Spring Guide Seat Hinge Pin O-Ring(s) Module Diaphragm LVE ASSEMBLY (D.C.V.A.) Psi A Psi -B Psi = C Psi RP Relief Valve Test  Opened at PSID Must be 13.79 kPa (2 psi) or greater Failed to Open | CLEANED REPLACED Air Inlet Disc Air Inlet Spring Check Disc Check Spring Float Diaphragm Remarks: (Reason for fail)  PVB/SRPVB Air Inlet Opened at PS D Failed to Open  Canadian AWWA Cros | CLEANED REPA REI REPLACED  Shut Off Valves #1 #2 Closed Tight   | to repair, etc.)  Air Gap  Annual Inspection  Meets Definition of Approved Air Gap  Manual ) |  |