

WATER USAGE SURVEY FORM

Please read this survey carefully!

Your water provider may require the installation of a testable backflow preventer on your water service. This survey is designed to help you determine the type of backflow assembly that is appropriate for your location.

HIGH HAZARD

A **Reduced Pressure Zone Assembly (RPZA)** backflow assembly must be installed if any of the below applies to the type of building and/or water usage at your facility.

Plant or Facility:

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| 1. Aircraft and Missile Plants | 14. Metal Plating Plants |
| 2. Automatic Car Wash | 15. Paper and Paper Products (wet process) |
| 3. Automated Manufacturing Plants | 16. Petroleum or Gas Processing or Storage |
| 4. Auxiliary Water Systems | 17. Plating Plants |
| 5. Breweries/Distillers | 18. Power Plants |
| 6. Chemical Plants | 19. Rubber Plants |
| 7. Dairies and Cold Storage Plants | 20. Sand and Gravel Plant |
| 8. Dye works | 21. Sewage or storm water treatment/processing |
| 9. Film Processing | 22. Water Front Facilities and Industries |
| 10. Irrigation Systems (non-residential) | 23. Where a Cross Connection is to be maintained |
| 11. Laboratories | 24. Radioactive Materials or substances, Processing Plants or Facilities Handling |
| 12. Laundries | 25. Manufacturing, Processing, and Fabrication Plants using Toxic Materials |
| 13. Meat Packing and Reduction Plants | |

Buildings

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| 26. Medical Clinic | 31. Schools with Laboratories |
| 27. Medical/Dental Building | 32. Apartment and/or Hotel with Sewage Ejector |
| 28. Hospitals | 33. Public building a) with a potential health threat, b) Restricted/Classified |
| 29. Mortuary | 34. Building with Sewage Ejectors |
| 30. Morgue | |

LOW HAZARD

A **Double Check Valve Assembly (DCVA)** backflow assembly **must** be installed if none of the above applies to the type of building and/or water usage at your facility.

FIRE SERVICE

- If the system is dry or contains water only, a **Double Check Detector Assembly (DCDA)** **must** be used.
- If the system contains any chemical additive (e.g. Antifreeze, etc.), a **Reduced Pressure Principle Detector Assembly (RPDA)** **must** be used.

This form is intended to assist you and the installer of your backflow assembly with determining what type of assembly is appropriate for your system. If you are unsure what type of assembly should be installed on your site, or have any other questions, please contact us between 8:00am-4:30pm, Monday – Friday at 844-605-5213 or at ccc@pawsc.com. Our trained administrators will be happy to assist you.