

## What is an AIR GAP?

- ▶ An AIR GAP is the space between the end of the pipe/hose and the water level in the tank or the opening of the tank.
- ▶ AIR GAPS help to provide safe, clean water to everyone by preventing contamination and back siphoning into the water system.
- ▶ An AIR GAP **must exist** when filling tanks at Leduc County bulk water stations. Alternatively, the appropriate backflow prevention device may be installed and maintained. See section below.
- ▶ Each customer must provide their own hose to prevent cross contamination. Consult [Alberta Health's Public Health Guidelines for Non-Municipal Drinking Water \(July 2021\)](#) for more information on maintaining bulk water potability.

## Permanent plumbing fixtures on hauling vehicles

- ▶ You can install a permanent plumbing fixture on your hauling vehicle that creates an AIR GAP between the end of the fill pipe and the tank on your hauling vehicle. Alternatively, you can install a reduced pressure backflow prevention device in place of an air gap (see illustration on page two).
- ▶ The AIR GAP must be twice the diameter of the inlet pipe.
- ▶ Use your own hose with a two-inch or three-inch Camlock Part C Type fitting to connect to the water fill station.
- ▶ For more information, contact Leduc County Utilities by email at [LCUtilities@leduc-county.com](mailto:LCUtilities@leduc-county.com) or call **780-770-9040**.

