

PROACTIVE WINTER MAINTENANCE

Water tanks are surrounded by many cold weather threats during winter months. Most problems associated with emergency tower repairs can be prevented by proper maintenance and regular inspection. Sometimes despite all measures taken emergency repairs may still be needed.

STAY AHEAD OF POSSIBLE ISSUES

When temperatures drop below freezing monitor and adjust pump cycles according to your tanks exchange rate. Water tanks are more susceptible to freezing during nighttime hours when water demand and turn over rates are lower. Moving water is less prone to freezing, so keeping the turnover rate higher during these times and during freezing winter conditions can help.

There is no substitute for frequent visual inspection of your tank and its operating system. All pipes, control panels, and heating elements should be checked regularly. Changes in temperature can cause tanks and piping to expand and contract. This movement may cause breaks and leaks.





ROUTINELY CHECK:

- Tank/Reservoir access. Make sure your tank is clear of snow and debris and easily accessible.
- Tank control panel, heat elements and electrical source.
- Tank valve for circulation systems, sample taps etc.

All equipment may need to be inspected daily during extreme weather for signs of frozen, cracked or damaged areas. A simple inspection can help catch a “minor leak” before it becomes a “Flood”.



It is important to remember that it may cost more to pump your tank to keep water flowing and prevent a freeze up, but emergency winter repairs for a frozen tank or broken pipes can be costly and create a water shortage.



HAVE AN EMERGENCY PLAN!

As a water operator have an emergency plan in place to restore water services if a tank emergency does occur.

- Know the process to isolate your tank/system. Regularly check your isolation valves and ensure the valves are in working condition.
- Have relief valves on hand. (If you don't have relief valves, Lane Tank provides them 24 hours a day!)
- Keep Access to your tower clear! Emergency repairs can require the use of large equipment. Being prepared can speed up repair your tank.

