



Town of Belmont

Department of Public Works

To: Patrice Garvin, Town Administrator
From: Jay Marcotte MPA, Public Works Director
Date: November 14, 2022
Re: Rink conditions timeline

November 1, 2022 was the target opening date for this year.

October 7, Parks Department staff turned on the compressors to start making ice.

October 20, The Zamboni was able to start leveling and shaving ice to prep for the Jet-Ice process scheduled for October 25. This is the part that places all the markings for HS Hockey.

Due to the unseasonably warm fall weather at the end of October, the jet ice process kept getting delayed.

October 26, Recreation sent out a public notice that the rink opening would be delayed (copy of e-mail attached) due to the mild temperatures and humidity and rescheduled the opening to November 7th.

Weather continued to be mild and humid which continued to cause challenges in maintaining ice making temperature.

On November 1, Recreation sent out a second notice (attached) that there were continued challenges in making ice and a new startup date would be November 18/19.

On November 4th, Park Department staffed encountered a low-pressure fault on compressor #2, which uses the oldest of the 2 condensers. Independent Mechanical Contractors Inc. was called in to trouble shoot this situation and discovered that there were several coolant leaks that were repaired. The fix is estimated to be \$2K

On November 8th, Recreation sent out a third e-mail notice (attached) with a new start up date of November 21-23.

On November 9th, Parks Department staff encountered faults on compressor #1 in which Independent Mechanical Contractors Inc. was called in to trouble shoot this situation. They ran a full diagnostic test and discovered a leak in one of the lines to the chiller barrel. They isolated the leak temporarily and will complete the repair on November 14th when the appropriate parts are delivered. The estimated cost for this repair is about \$5K

After the repair on November 14th is complete, Parks Department staff has scheduled the Jet-Ice process for Tuesday the 15th.

If everything works out and we can maintain operational temperatures, we are still a GO for the November 21-23 start-up date.