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**TO:** Mayor and Council

**FROM:** Alyshia Neuman- Manager of Works and Operations

**DATE:** September 9, 2021

**RE:** **Wadena Arena- Ice plant update**

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**ISSUE:**

Council has requested an update on the ice plant in the arena and the accidental ammonia spill that happened on July 20<sup>th</sup>, 2021.

**BACKGROUND:**

Staff discovered an ammonia alarm going off on the evening of July 20, 2021. The Manager of Works and Operations with one other staff member were exposed to ammonia. From this event the foreman of Works and Operations was called to act; he contacted the fire hall for emergency service and Stevenson refrigeration were called out to handle the emergency. The firehall has made recommendations on what would aid in this type of emergencies and Stevenson refrigeration has made some recommendations as well.

**ALTERNATIVES:**

none currently

**FINANCIAL IMPLICATIONS:**

None currently as the GL account RC Maintenance 570-270-104 has sufficient funds for emergencies.

**ANALYSIS:**

After consultation with Stevenson Refrigeration the intake in the refrigeration room must be fixed. This was blocked off years ago due to an incident where forcible entry was attempted. Work has been scheduled to complete this at the earliest convenience as well as a condenser fan check. Stevenson's has been scheduled to start up the plant on September 28<sup>th</sup> where they will also be changing a coupler that needed repair. For remediation of the ammonia leak all gaskets have been changed on the ammonia system where the leak was found to originated.

A practice run for ammonia leaks has been scheduled with the fire department on September 22<sup>nd</sup> at 7pm to go over with parks and recreation staff and firehall personnel. There is an ammonia relief valve next to the condenser, there firehall would like a valve system in the future, which can be budgeted for in 2022 but as of now we are compliant of what is needed. A brine line relief valve should be installed also.

**ADMINISTRATIVE RECOMMENDATION(S):**

THAT council accept the Wadena Arena Ice plant update as information only.

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