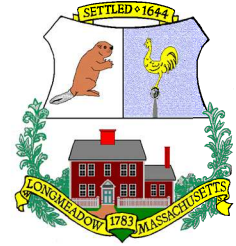


Incorporated 1783

Town of
LONGMEADOW, MASSACHUSETTS

170 Dwight Road – 01106
TEL (413) 567-3400 ~ FAX (413) 567-9018



DEPARTMENT OF PUBLIC WORKS

To: Lyn N. Simmons, Town Manager
From: Tim Keane, P.E., Town Engineer
Nick Georgantas, Facilities Director
Date: March 18, 2022
Subject: **Longmeadow Swimming Pools – Status Update**

This memorandum serves as a brief update of conditions at the Reynolds Pool and Greenwood Park pool,

Reynolds Pool

1. Pool drains directly into Cooley brook and drainage system needs to be adapted to drain into the sanitary system. As presently plumbed, the routine discharge of chlorinated backwash water would be an "illicit discharge" under the General Permit for municipal separate storm sewer systems (MS4s) issued by the U.S. EPA.
2. An ejector pit pump system, or similar pumping arrangement, will need to be installed to rectify the above-described drainage issue. Previously (2019), work was started to re-route the discharge but the work has not been completed.
3. The electrical load of the pool facility is maxed. Additional electrical service will need to be supplied to accommodate the pump(s) for sanitary tie in.
4. The pump room itself may constitute a hazard. The room is below grade. Even though equipped with ventilation louvers and a fan operated vent, these are both below grade. In the circumstance of noxious gas present in the room that's heavier than air (chlorine), there is not a way to vent the space with the current measures in place. DPW understands that the pump room and chemical storage is inspected annually by Town personnel; however, the pool has not been operational for two years and conditions in the room may have deteriorated. Further investigation needs to be done to determine what the appropriate remedy is for the pump room. The cost for this repair is unknown at this time.

Due to the current drainage system at Reynolds pool, modifications are recommended prior to opening again. Drainage system and electrical upgrades are roughly estimated at \$150,000, however plans need to be further developed and an estimate will be obtained once a full scope of work is prepared.

Greenwood Pool

1. During pool operations in the summer of 2021, the pool was found to be leaking water estimated at 15,000 gallons per day. A liner is needed to stop the leaking. A liner is estimated at \$150,000. (The issue of pool leaking was previously identified and prior steps to mitigate the leaking have not been successful.)

Memorandum

To: Lyn N. Simmons, Town Manager

Date: March 18, 2022



2. To prolong the life of the pool, cut down on water loss from evaporation and minimize debris collection in the pool, the DPW recommends adding a pool cover. A cover is estimated at \$30,000. (Please note that a cover at the Reynolds pools would have similar benefit.)
3. The DPW is investigating a potential similar issue of the discharge of chlorinated water at the Greenwood Pool as what is existing at Reynolds Pool. More exploratory work is needed before a recommendation, if any, can be made.