



## STAFF REPORT

July 14, 2021

### TITLE:

Golf Course maintenance reserve replacement equipment acceleration

### RECOMMENDATION:

By motion: approve the acceleration of the Toro Groundsmaster 4500 rough mower and the Toro SR54 Turf Aerifier with budgets not to exceed \$81,000 and \$40,000 respectively

### BACKGROUND:

Over the past several years, the golf maintenance department has delayed the replacement of many of the core items necessary for course maintenance. A full review of the equipment inventory and condition will be performed prior to the 2022 replacement reserve budget recommendation. In the meantime, staff is recommending to accelerate these two items from 2022. The current rough mower is requiring constant maintenance and starting to lose power. The current aerifier is functioning but is inefficient and does not provide adequate depth of penetration. Deep tine aeration is critical to ensure our new greens establish proper root depth to survive the hot, dry summers and cold winters.

### ANALYSIS:

The forecasted lifespans of the rough mower and aerifier are 10 and 8 years respectively. The original replacement years were 2019 and 2017 respectively. The replacement of these items was pushed back to 2022 based on the condition of the equipment at the original time of replacement. With the approval of the recommendation in this staff report, the lifespan of the aerifier will be updated to 10 years, however, staff recommends leaving the lifespan of the Groundsmater 4500 mower at 10 years.

### OUTREACH:

Staff researched the tractor specifications of the deep tine aerifier and confirmed this unit will work with our existing John Deere tractor.

### FISCAL IMPACT:

The fiscal impact of replacing these two pieces of equipment follows:

2022 Reserve Replacement Budget for the Groundsmaster 4500 rough mower: **\$77,128**

2022 Reserve Replacement Budget for the Aerifier: **\$27,272**

Total quotation for the Groundsmaster 4500 rough mower: **\$81,000**

Total quotation for the deep tine turf aerifier: **\$40,000**

With the existing budget of \$104,400, staff is requesting the acceleration of the budget and approval of an additional \$16,600 to move forward with the replacement of these two items.

### ALTERNATIVES:

NA

Prepared by: Jesse Strzok, 7/14/2021

Reviewed by: Miguel Sloane, 7/14/2021

Reviewed by: Todd Martyn-Jones

General Manager Approval to Place on the Agenda: \_\_\_\_\_