

# Telford Heath Bowling Club

Soil ID code: 400-2012-40018007

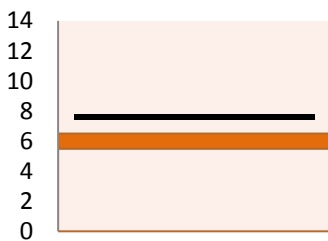
Cation Exchange Capacity (CEC): 25.53meq/100 g

Soil type: Silty Clay Loam

Soil analysis prepared by:

**PWS**  
PLANT - WATER - SOIL

## pH



**pH: 7.6**

- » Your pH is too high, different grass species prefer different conditions, but broadly speaking most species can thrive between a pH of 5.5 and 6.5
- » A soil pH that is too high can result in inefficient use of fertiliser by turf, excess thatch build-up and increased pest problems.
- » Lowering soil pH e.g. golf greens to encourage fine grasses – ammonium sulphate based fertilisers will acidify the soil. Sulphate will acidify soil as well e.g. ferrous, potassium and ammonium sulphates.

## Phosphorous



**Phosphorous: 31mg/l**

- » Our baseline data indicates that your phosphorous levels fall within the preferred parameters, no amendments are required.

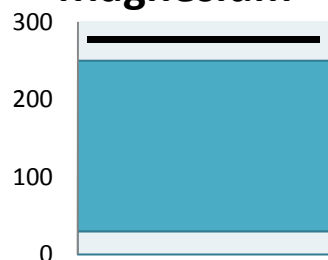
## Potassium



**Potassium: 218mg/l**

- » Your potassium levels are too high.
- » Potassium toxicity is not usually a problem. High levels of potassium can result in the burning of the turf by the creation of highly soluble salt levels. Theoretically, high potassium levels can induce magnesium and calcium deficiency although this very rarely happens.
- » Because potassium is very reactive, levels will fall rapidly quite naturally.

## Magnesium



**Magnesium: 277mg/l**

- » Your magnesium levels are too high.
- » Magnesium toxicity is not usually a problem in turf grass.
- » Magnesium levels will be utilised over time and will diminish naturally.