Waterwatch

2019 Water Quality Site Summary

Site Name and Description
ME_YED030, Edgars Creek, Ronald Street, Newlands.
Monitors: Trevor Hausler and the Friends of Edgars Creek Stream Team

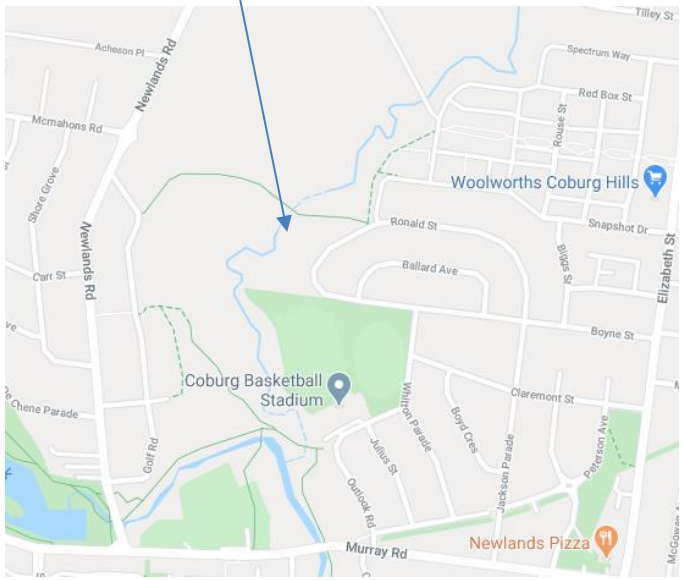
Objectives

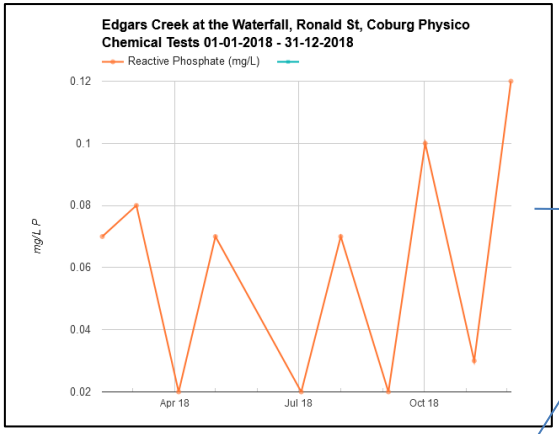
- Track the water quality of Edgars Creek.
- Identify potential pollution source point(s)

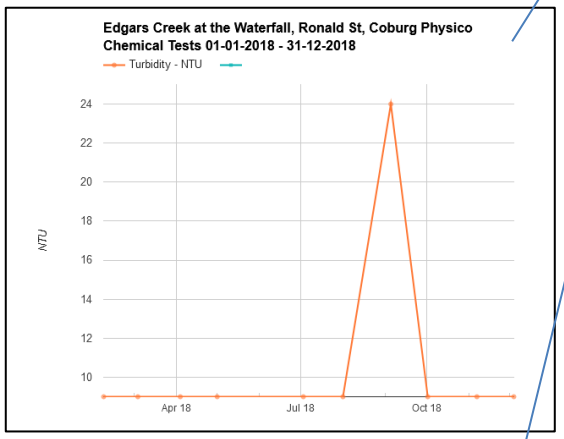
Monthly Parameters

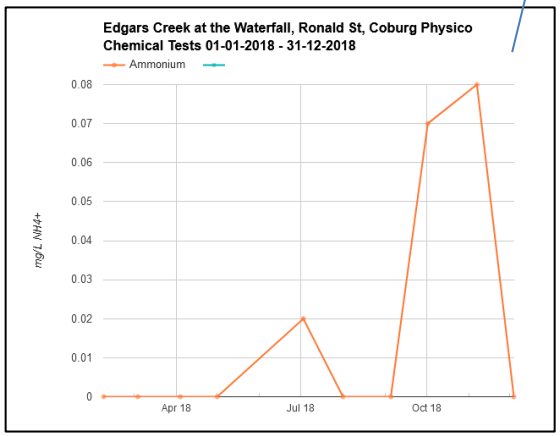
- Temperature
- Dissolved Oxygen
- pH
- Electroconductivity
- Turbidity
- Reactive Phosphate
- Ammonium
- Aquatic Macroinvertebrates (bimonthly)

Edgars Creek runs through the northern suburbs of Melbourne including the industrial areas in Thomastown where it is highy degraded. Much of this pollution is trapped in Edwards Lake and therefore the water quality at the sampling site below the lake is better.









To see further data for this site, visit the Waterwatch online database using the site code ME_YED030

Reactive Phosphate was frequently high during 2019 due to stormwater runoff.
The turbidity was normally very good except for August where is spiked significantly probably due to a recent rain event.
Ammonium levels were normally zero except for June, September and October. The ammonium readings in these months indicate resent sewage or other biological waste pollution.
The other parameters were all within the expected ranges.
Aquatic Macroinvertebrate (waterbugs) sampling confirmed poor water quality with SIGNAL scores ranging between 2.83 and 3.06 which is well below the SEPP guidelines. This indicates low diversity of waterbugs.