

The background of the entire page is a photograph of a river scene. In the foreground, several dead, bleached tree trunks stand in the water. The water is a murky, brownish-grey color. In the background, there is a line of living green trees on a grassy bank. The sky is blue with scattered white clouds. A solid dark blue horizontal bar is positioned above the title text.

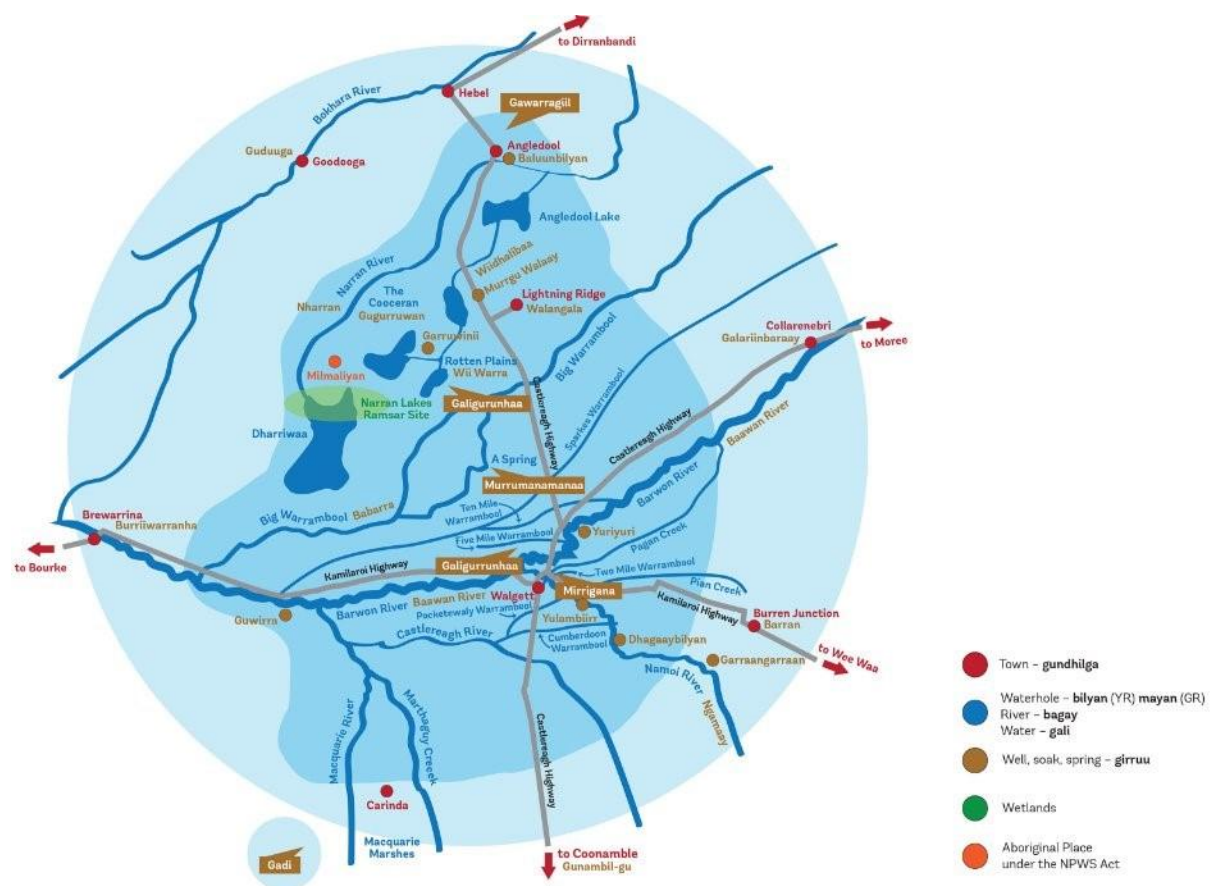
WEEKLY WATER QUALITY MONITORING REPORT

Wednesday 12th March 2025

Introduction

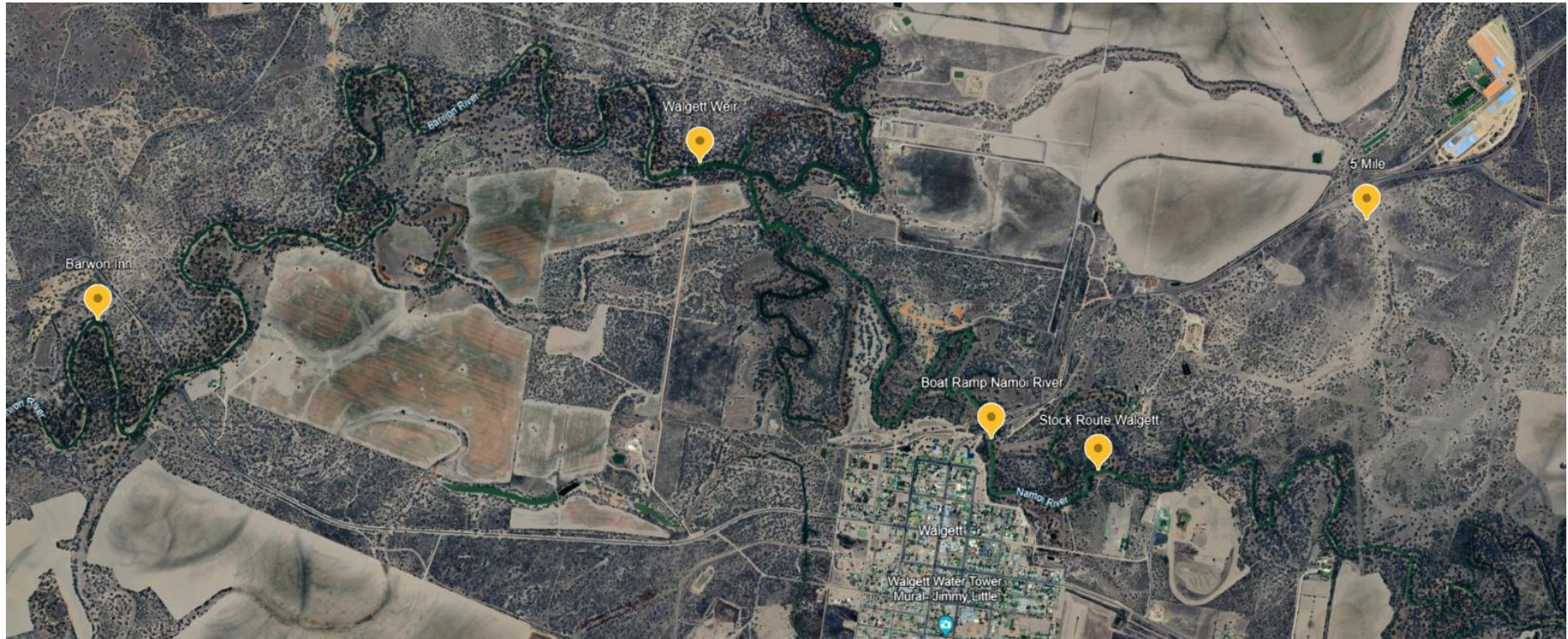
This data was collected on Wednesday 12th March 2025 between 10am and 1pm on the Ngamaay (Namoi) and Baawan (Barwon) River.

The Dharriwaa Elders Group River Rangers are conducting weekly water quality testing, measuring a range of factors that affect the quality of the river water. Different results affect the health of native animals and plants, and the health of the people that rely on the river for food and water.

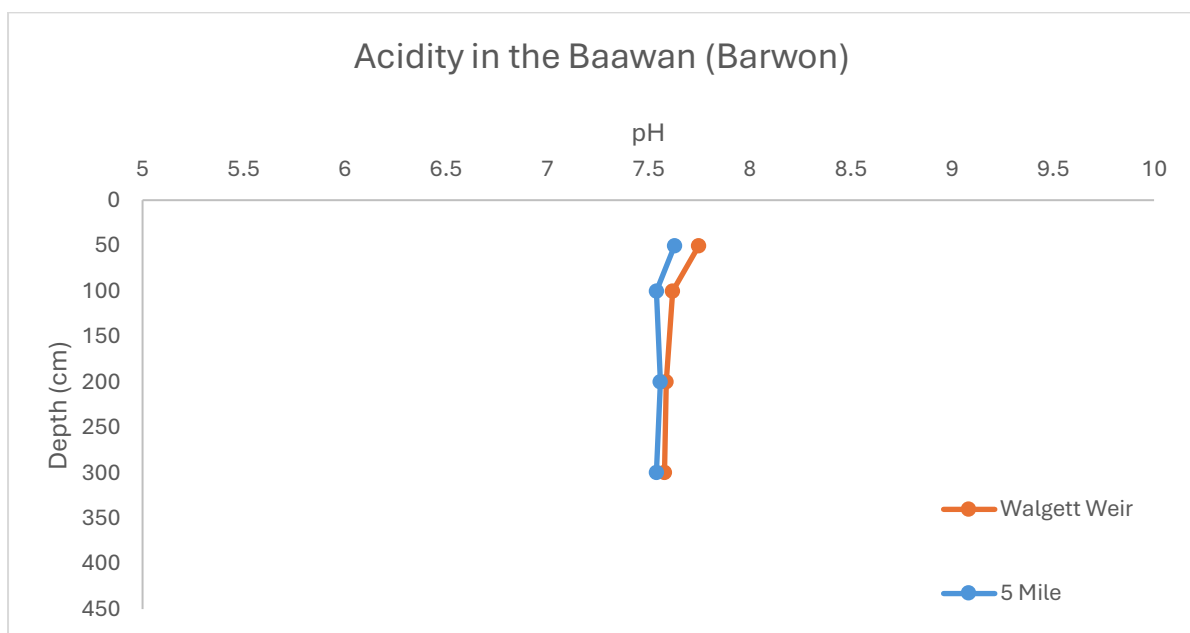
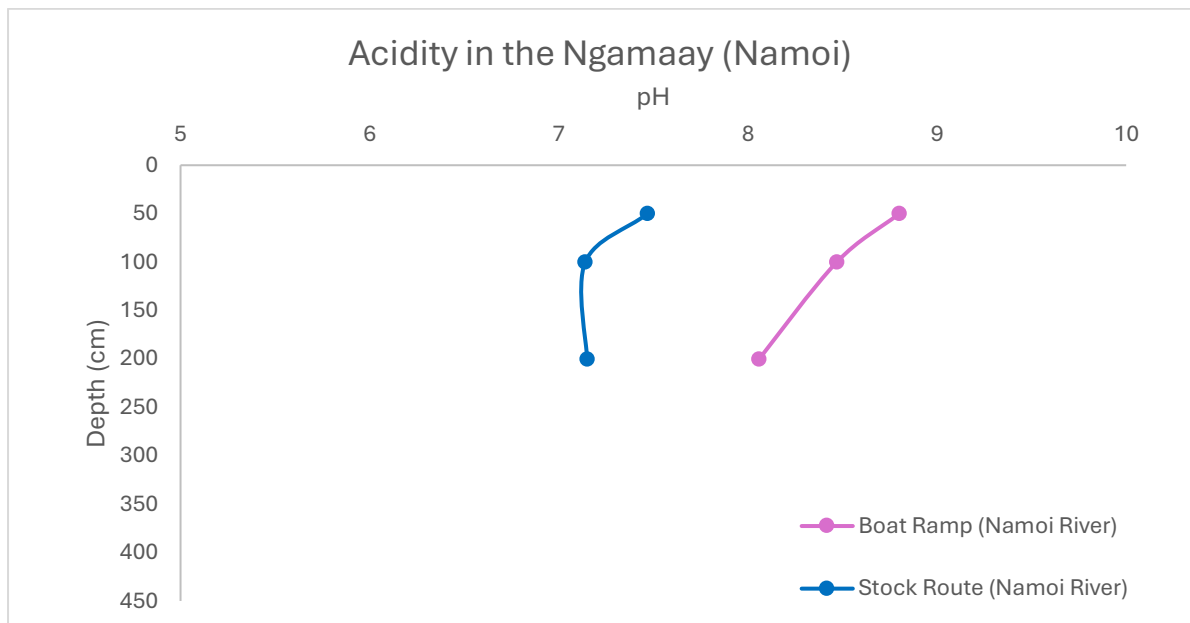


(Picture: Dharriwaa Elders Group area of interest)

Picture: Map of the Baawan (Barwon) River and Ngamaay (Namoi) River where the DEG River Rangers do their water quality monitoring.



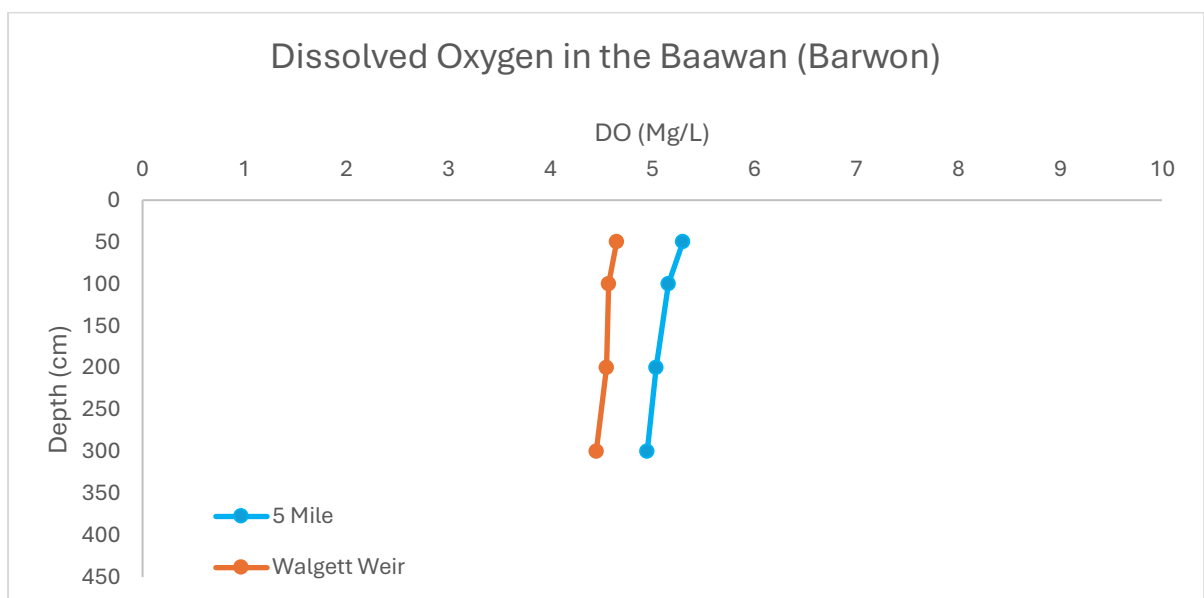
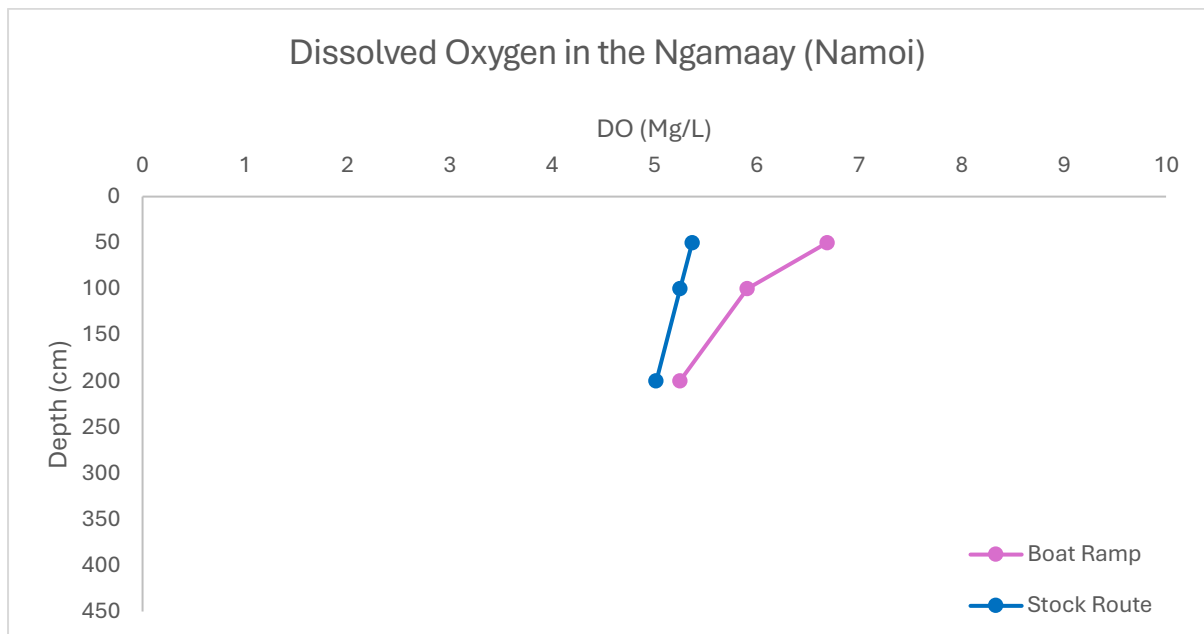
Acidity in the Ngamaay and Baawan Rivers



The pH readings at the Stock Route (Ngamaay River), Walgett Weir and 5 Mile (Baawan River) are all within the healthy range. The first reading at the Boat Ramp (Ngamaay River) is outside the healthy range but the next two readings are within the healthy range.

Healthy range: 6.5 - 8.5 pH

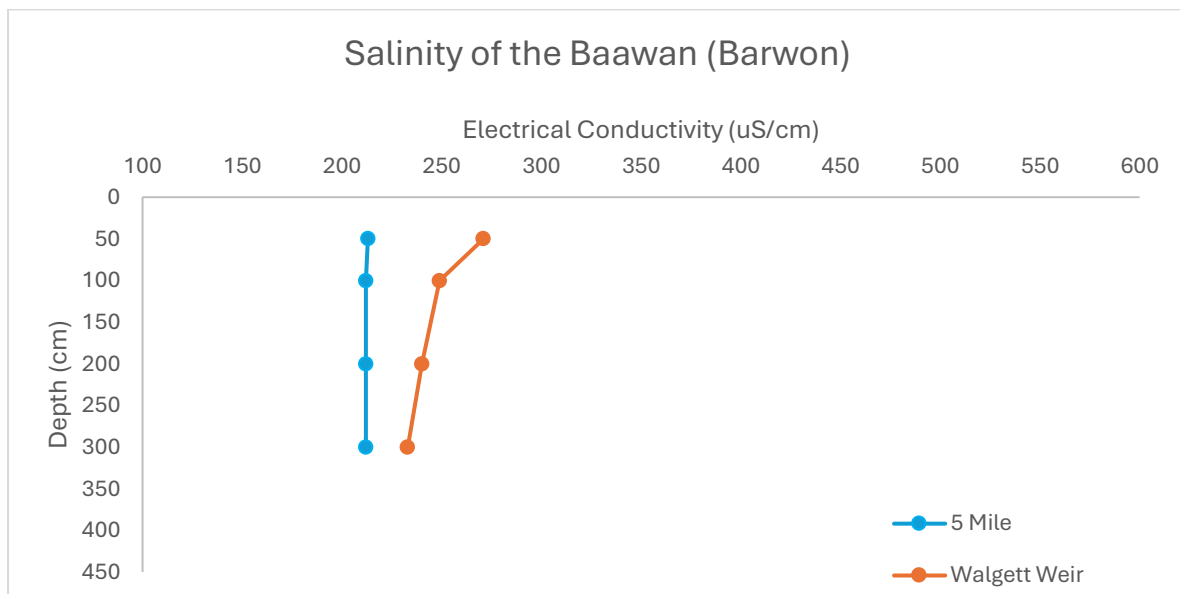
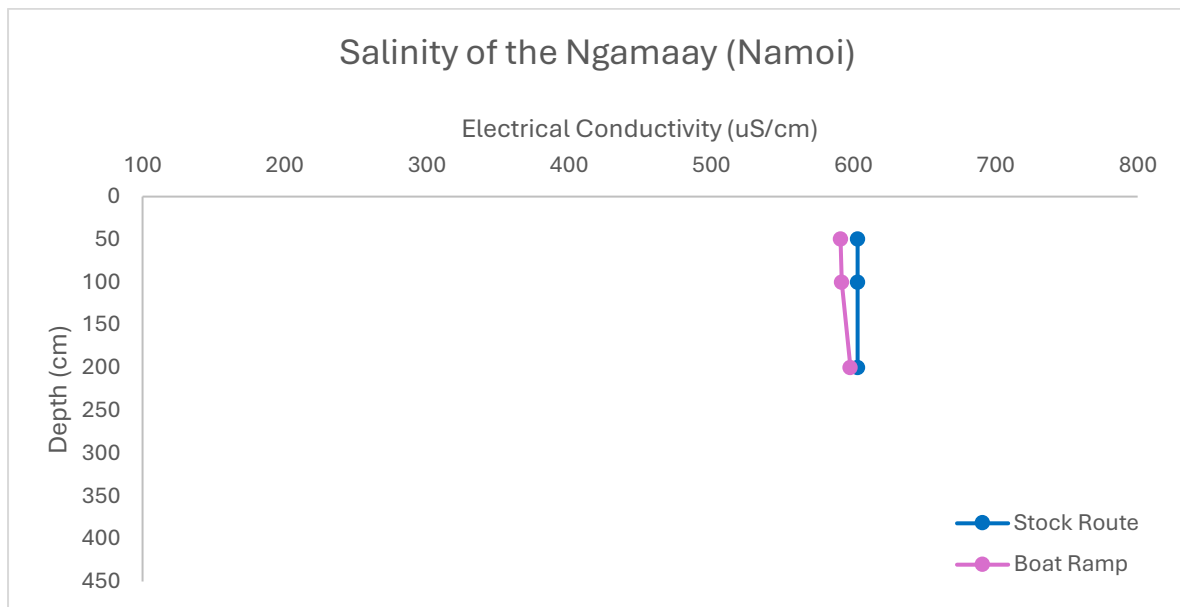
Dissolved Oxygen in the Ngamaay and Baawan Rivers



The first reading at the Boat Ramp (Ngamaay River) is within the healthy range but the following readings are outside the healthy range. The Stock Route (Ngamaay River), 5 Mile and Walgett Weir (Baawan River) readings are outside the healthy range as well.

Healthy Range: 6 - 8 (Mg/L)

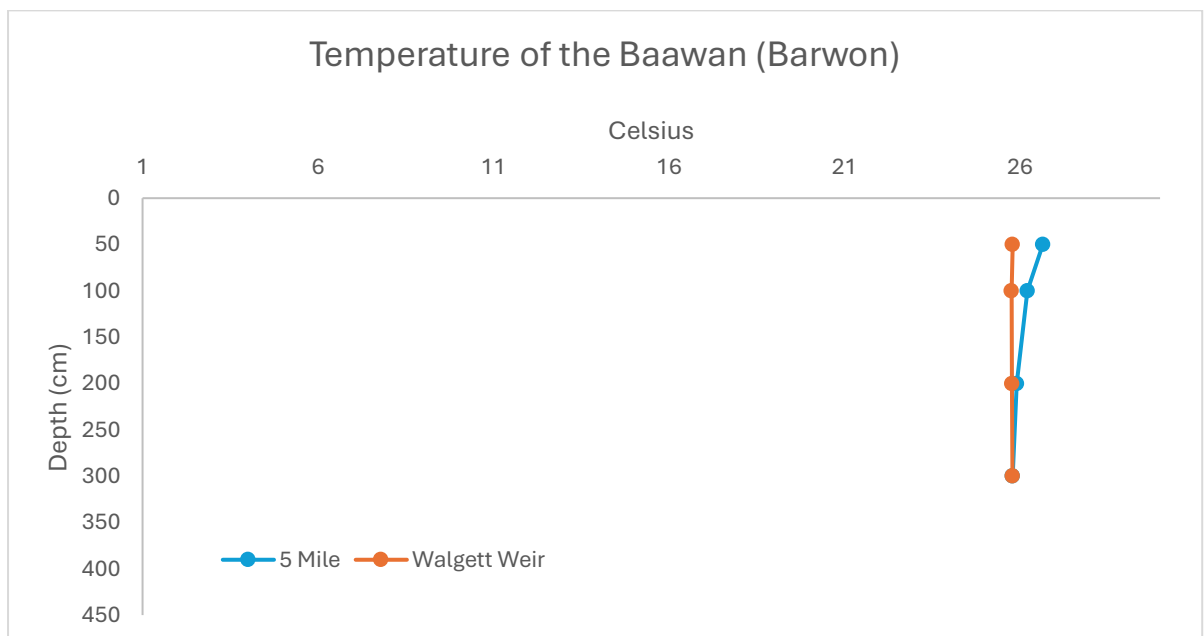
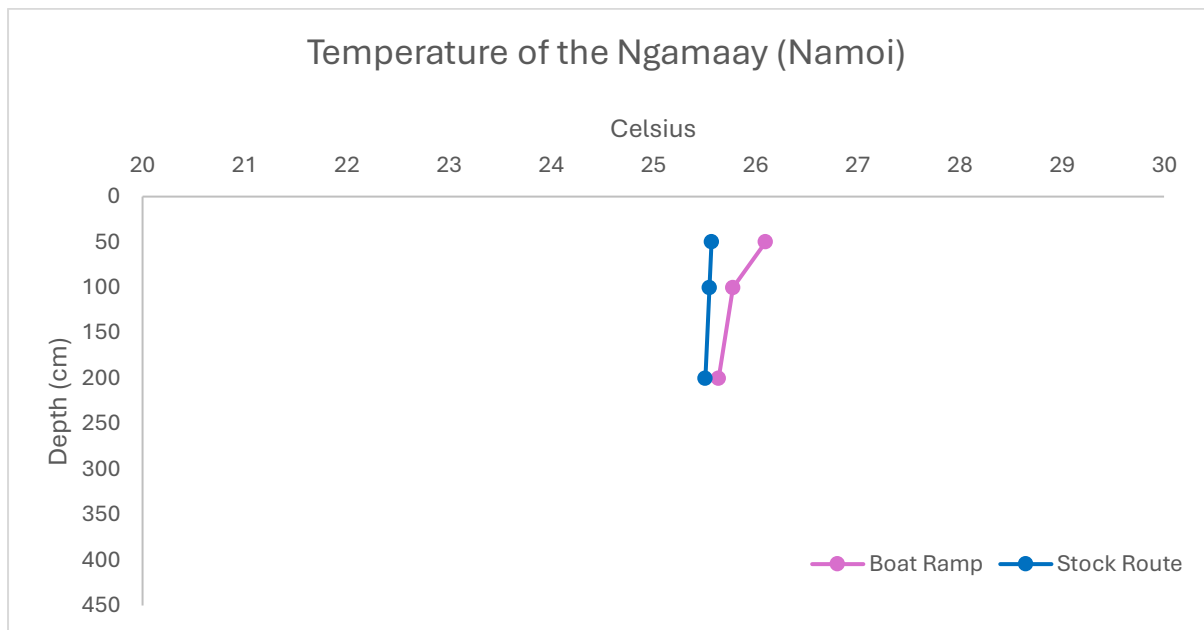
Salinity in the Ngamaay and Baawan Rivers



The salinity at all sites is within the healthy range on the Ngamaay and Baawan Rivers.

Healthy Range: 125 - 2,200 uS/cm

Temperature in the Ngamaay and Baawan Rivers



The temperature at all sites and all depths on the Ngamaay and Baawan Rivers are within the healthy range.

Healthy Range: 18-28 degrees (Celsius)

Conclusion

The overall pH levels of the Ngamaay and Baawan Rivers are at a good level. There is only one reading that is outside the healthy range and that is the at the Boat Ramp (Ngamaay River).

All dissolved oxygen readings are outside the healthy range but are at an okay level, they are not below 4mg/L.

The salinity and temperature at all sites on the Ngamaay and Baawan Rivers are within a healthy range. The salinity is good for freshwater fish.