

# Motu Catchment Plan Community Meeting



# Agenda

- 1. Introduction to the Catchment Plan Process**
- 2. Proposed Process and Timeframes for Catchment Planning**
- 3. Current State**
- 4. Workshop Vision and Values**
  - **What are the freshwater values of the catchment?**
  - **What should the catchment be like in 30 years?**
- 5. Next Steps and How to Stay Involved**

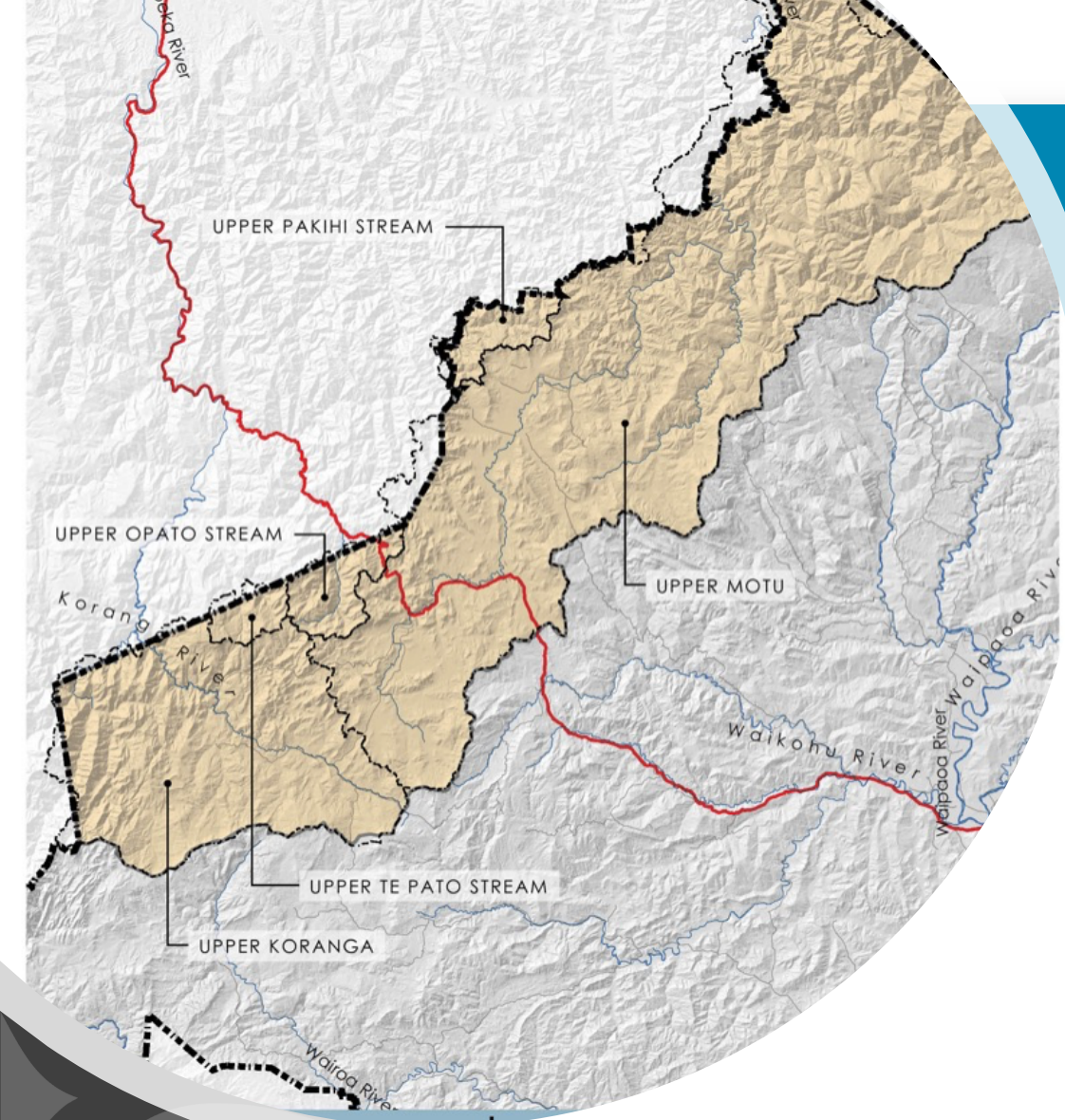
# Motu Catchment Plan

**Focus on freshwater – and the land use practices that affect it**

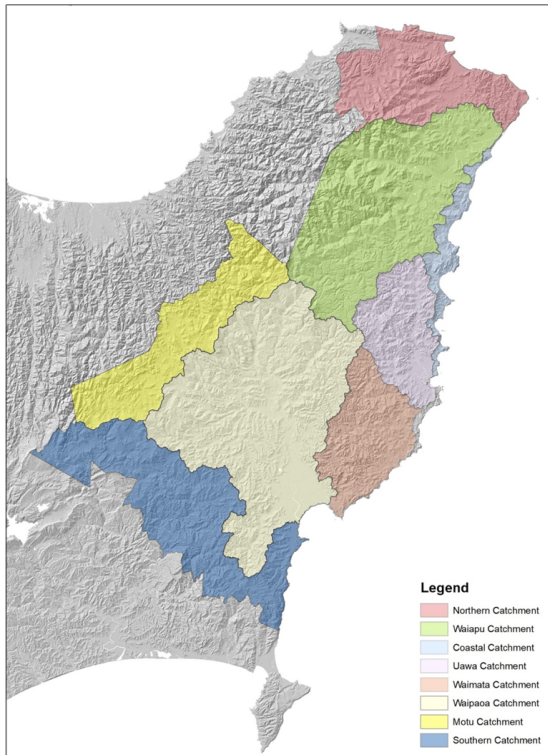
**Spatial area includes**

- **Upper Motu Catchment**
- **Upper Opato Catchment**
- **Upper Pakihi Catchment**
- **Upper Koranga Catchment**

**Within Gisborne District**



# Introduction to the Catchment Plan Process



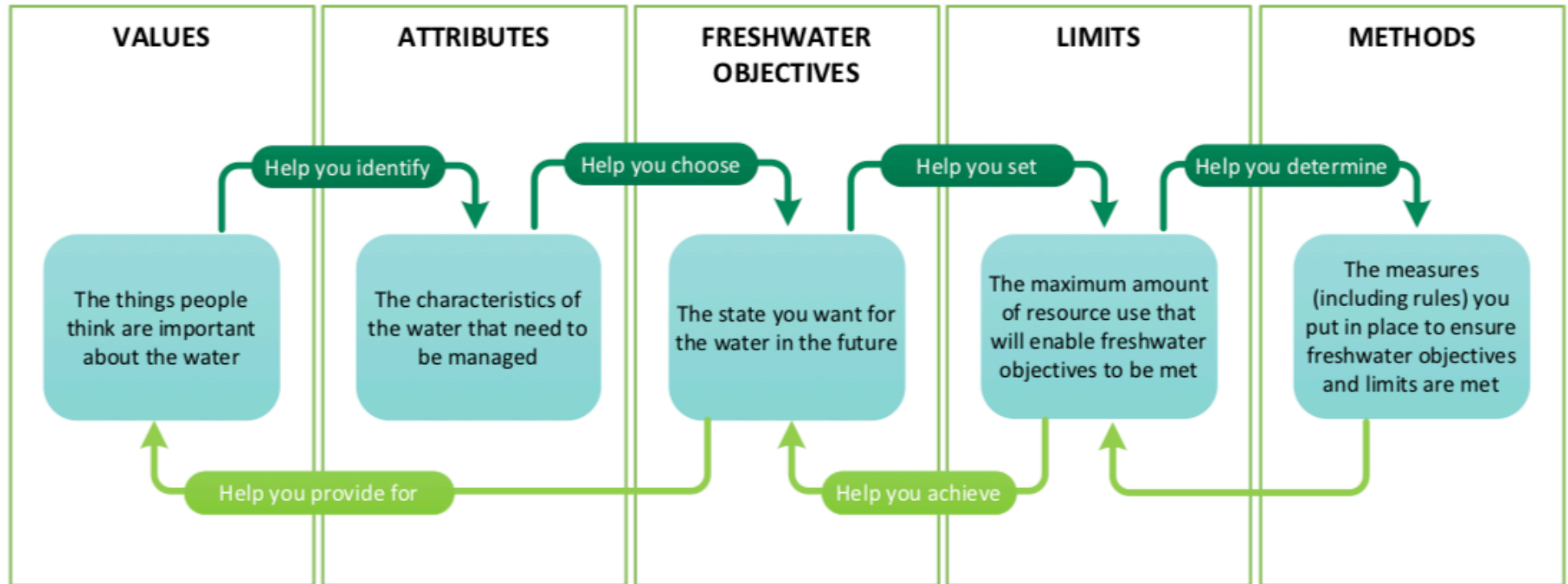
Indicative Regional Freshwater Catchments

## Legislative context – Action for Healthy Waterways

### NPS – Freshwater Requirements

- Set a longterm vision
- Identify values
- Identify objectives and how to get there
- Make sure that National Bottom Lines (NBL) for water quality are met
- Identify water quality limits that ensure the objectives are met
- Identify targets where water quality is degraded
- Develop an action plan on how to meet targets
- Put all of these things into a Regional Plan – will become part of the Tairāwhiti Resource Management Plan
- Do all of this in conjunction with iwi – recognising Te Mana o Te Wai

# Information required in the Catchment Plan



## Other National Freshwater Regulations to be Aware of

### **NES – Freshwater and Stock Exclusion Regulations = like rules in a Plan**

- **Rules around feedlots, stock holding areas, work around wetlands**
- **Stock exclusion requirements for different types of stock – dairy, dairy support, beef cattle and deer**
- **Different dates when different parts of the rules come into effect, but some things are in effect now**
- **Where a rule in a Regional Plan is more stringent – the Regional Plan Rule applies**

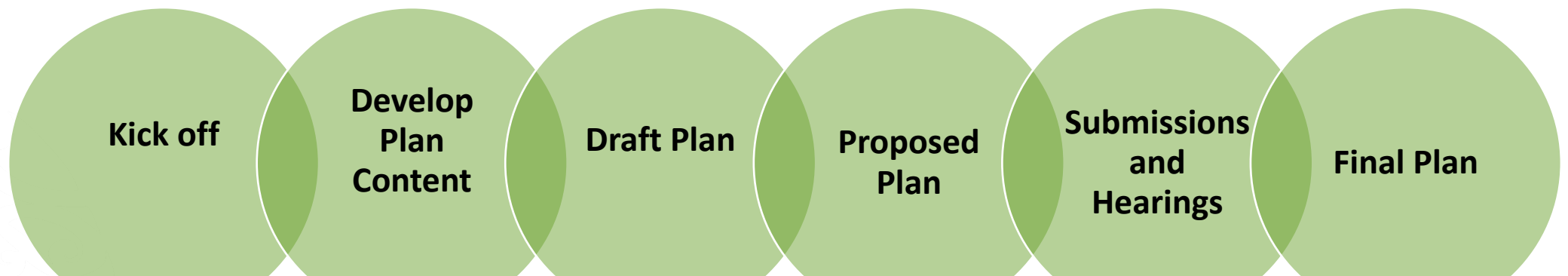
## Process for developing the Catchment Plan

**Seeking input from the wider community at the beginning, middle and when we have a draft**

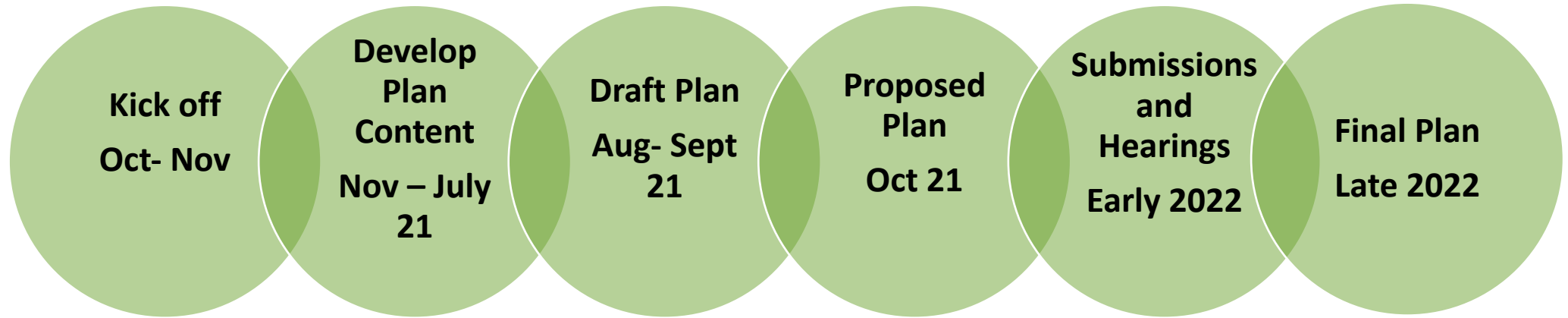
**Working with a stakeholder reference group to develop the detail –meeting monthly over the next 9 months to provide detailed input**

**Parallel process of engagement with iwi to ensure their input**

**Will also be engaging with organisations (e.g. Federated Farmers, Beef and Lamb NZ, Fish and Game)**



# Timeframes



**Freshwater “Fast Track” process – Freshwater Commissioners hear submissions, Appeals only on Points of Law**



## **Stakeholder Reference Group – we need you!**

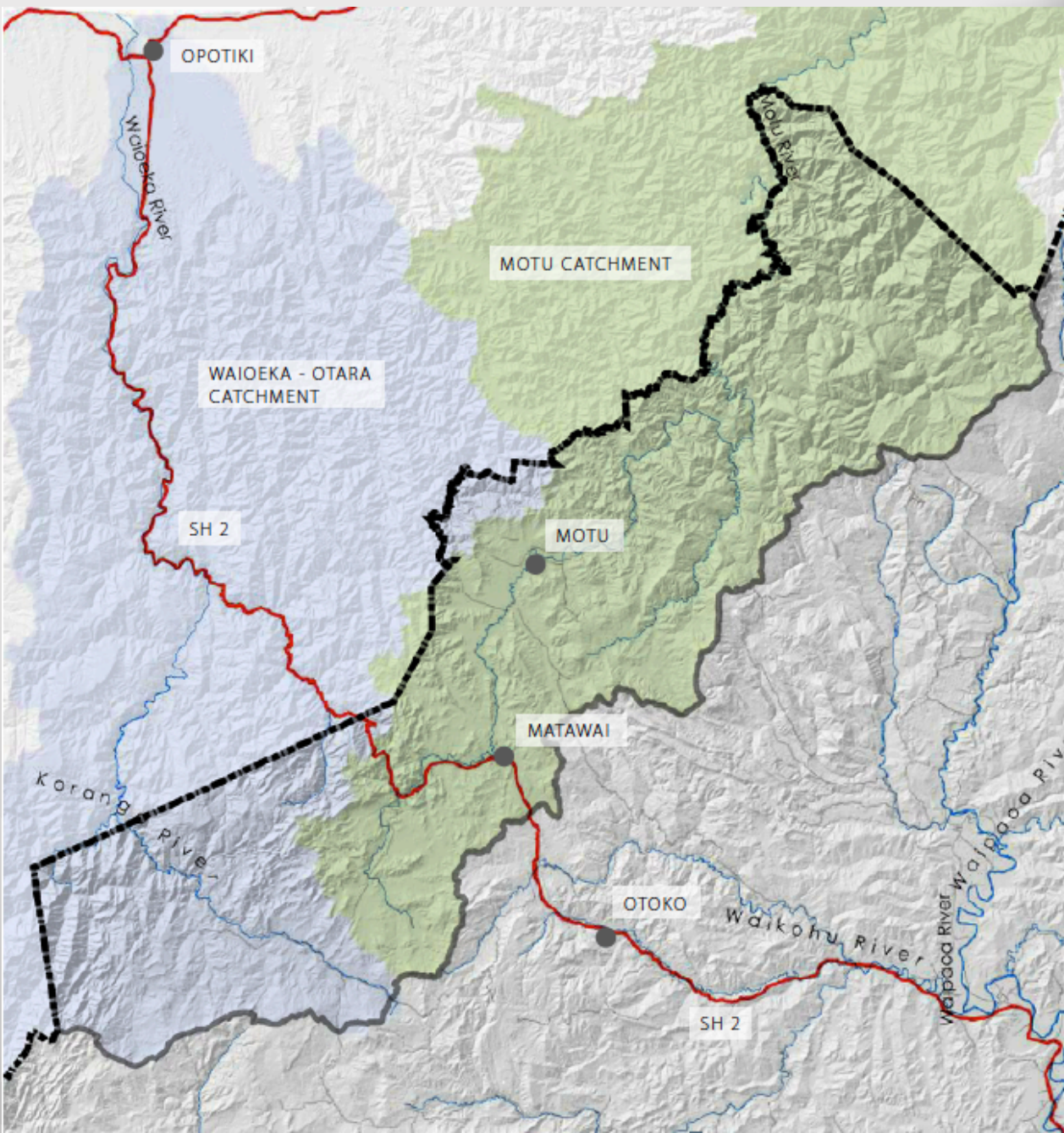
**5-6 people with a range of different experiences/views/relationships with the catchment plan area and rivers**

**Aim is to work collaboratively – respect differences and reach (as much as possible) consensus on approach**

**Will need to get into the technical detail – water quality and quantity, ecosystem health, monitoring, set objectives, targets and limits**

**Also acting as a conduit for information back to the catchment community**

**Apply online: <https://www.gdc.govt.nz/motu-catchment-plan/#TechnicalGroup>**



## Motu Catchment Plan Area – Current State

**Catchment Plan covers two main areas:**

- **Upper Motu Catchment**
- **Upper Koranga Catchment**

**Are Gisborne's only "upland" catchments – generally water quality in upland environments should be of a higher standard than lowland areas**

**Motu Catchment is mostly above the Motu River Water Conservation Order area**

**Both rivers drain into DOC estate and are well known as trout fisheries**

# Water Quality At a Glance

## **Motu River:**

- **Has good water quality at the top of the catchment – but significant deterioration as it heads downstream**
- **Trend over time is that things are getting worse**
- **Main problems are around sediment and ecosystem health**
- **Several attributes fall below National Bottom Lines**
- **Action Plans required as part of the Catchment Plan to address ecological health problems**

## **Koranga River:**

- **No water quality monitoring data**
- **Aquatic ecosystem data indicates that it is in reasonable health**

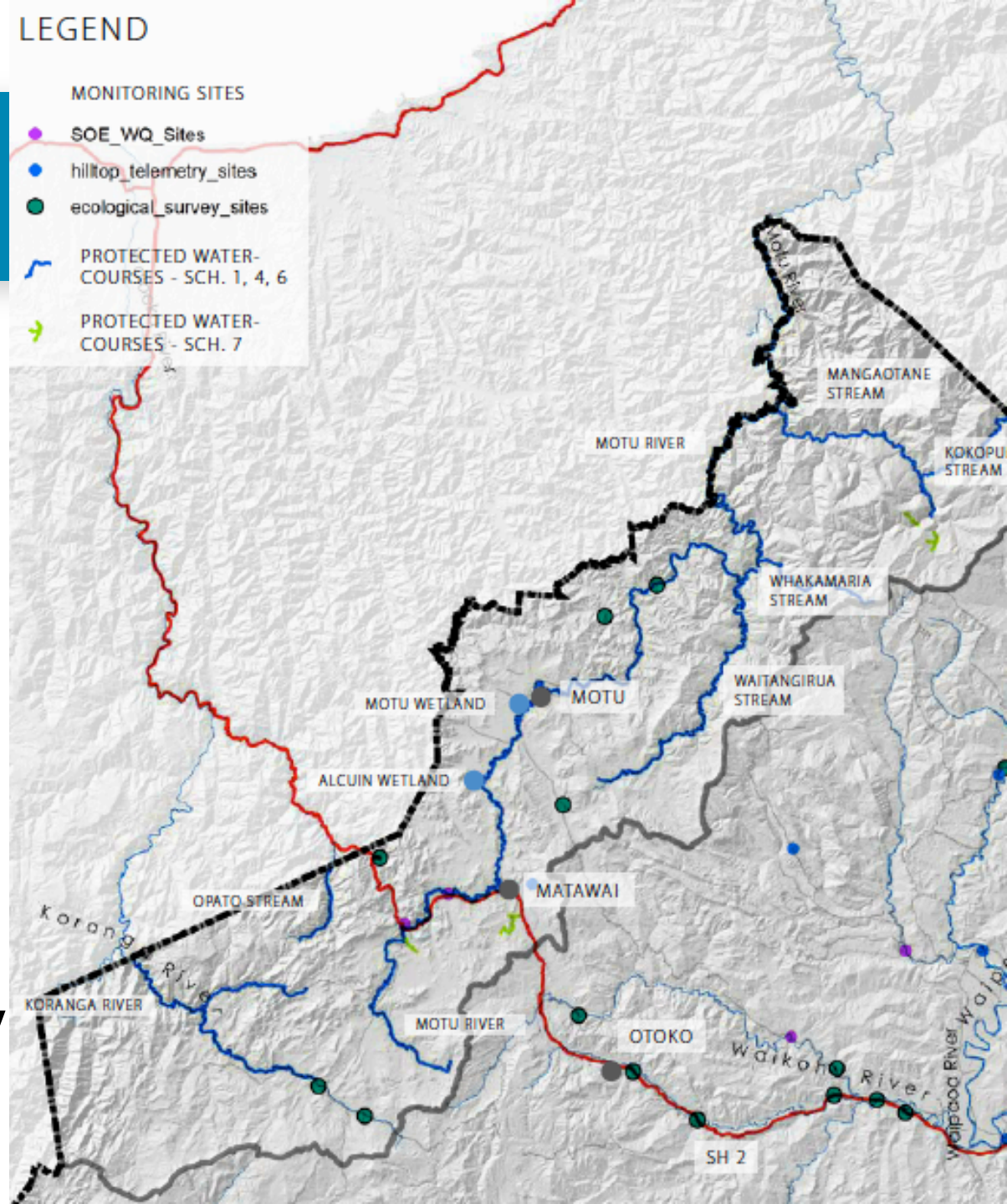
# Monitoring Sites

## Main Sites:

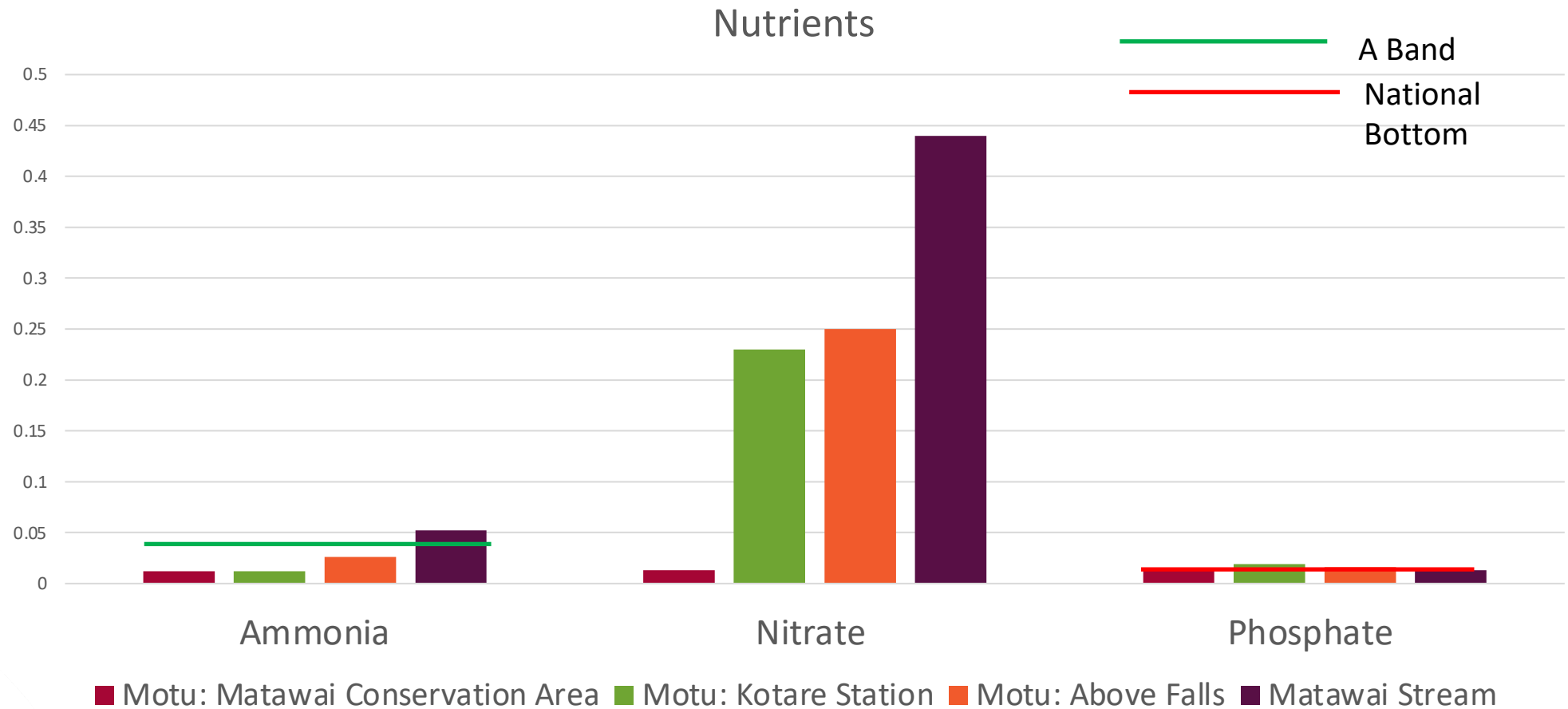
- Matawai Conservation Area
- Kotare Station
- Below Motu Village/Above Falls
- Matawai Stream Tributary

## Aquatic Ecosystem Sites

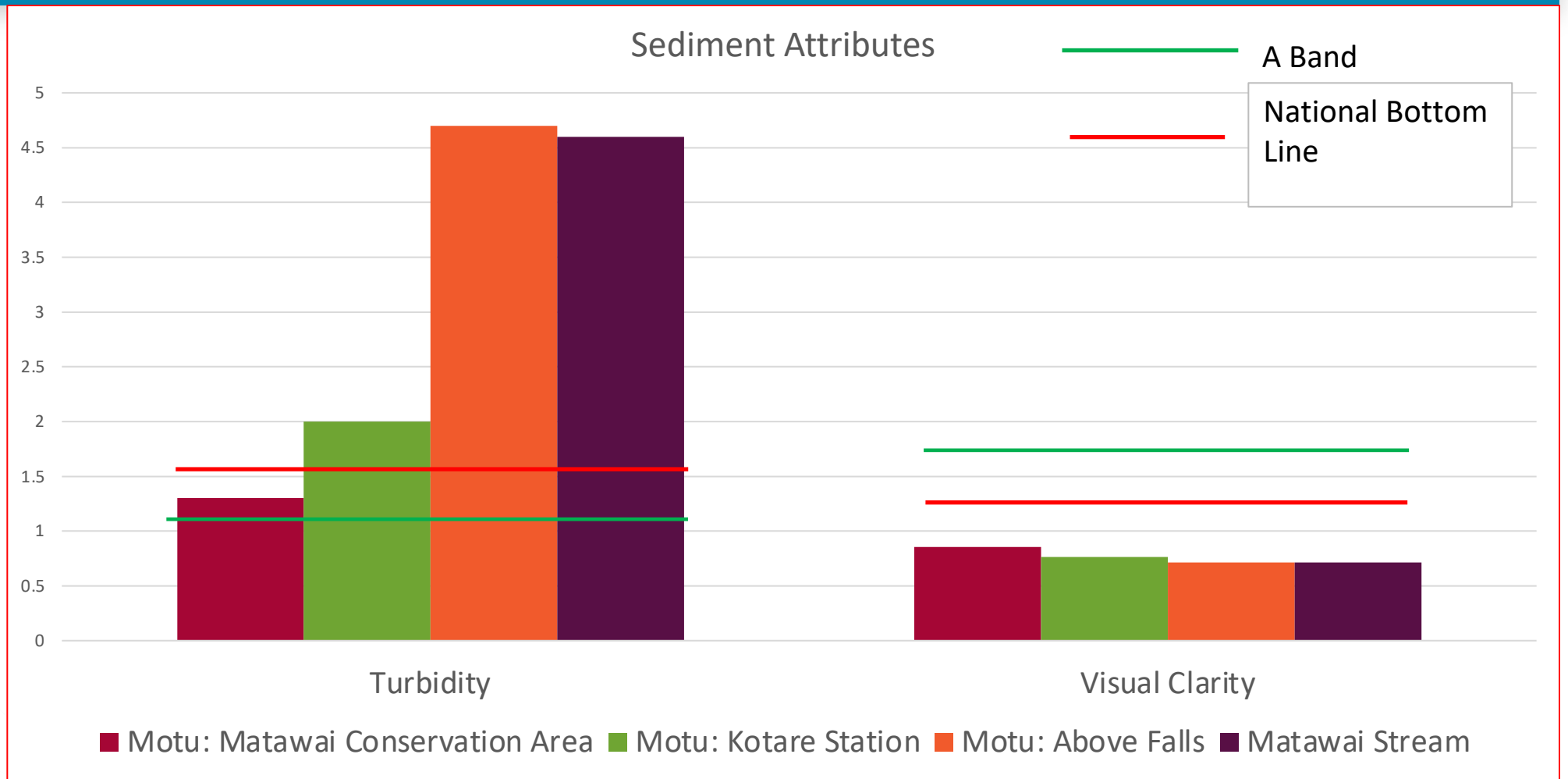
- 3 tributary streams in the Motu Catchment
- Koranga River and a tributary stream



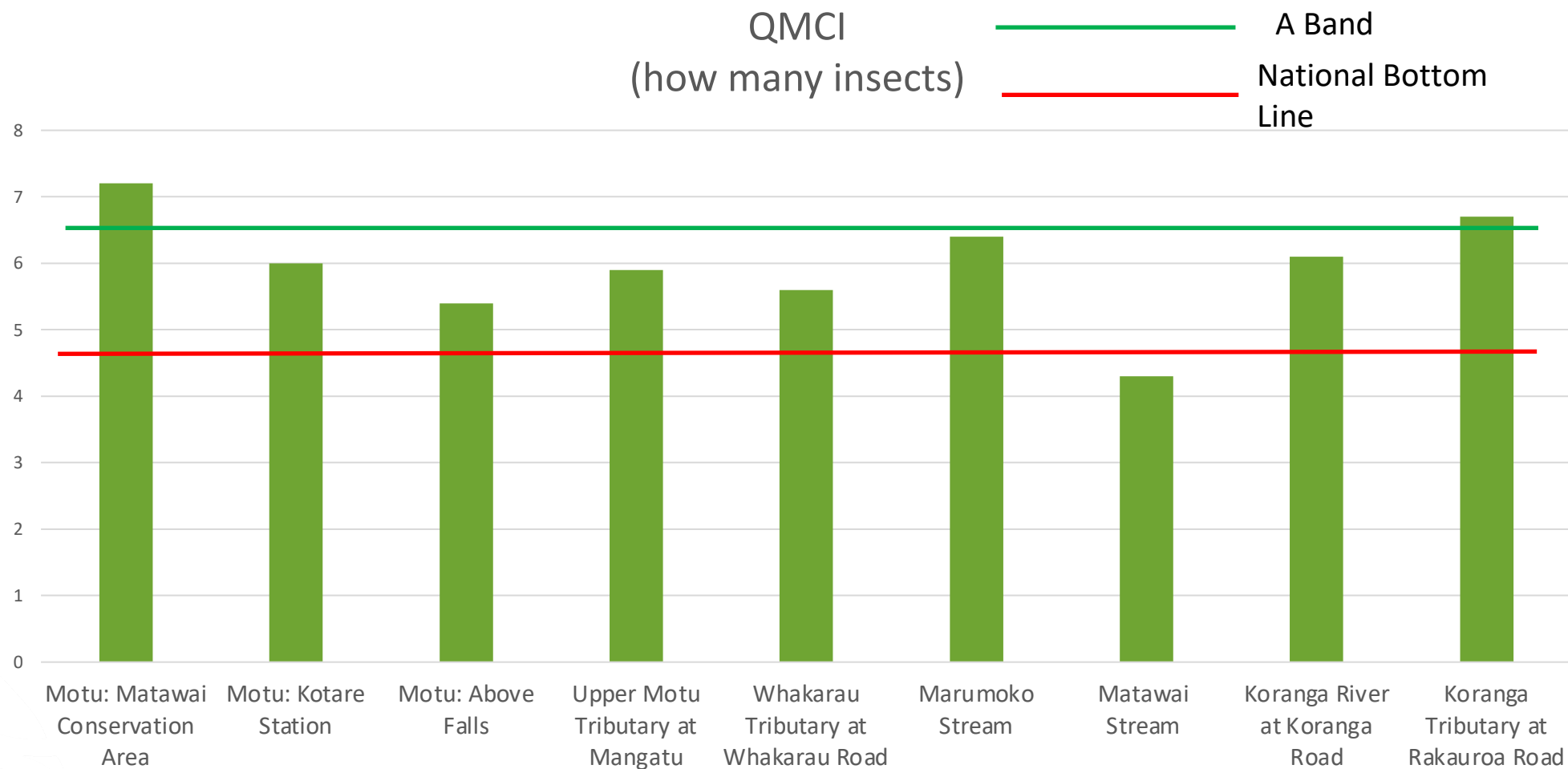
# Nutrients at Monitored Sites



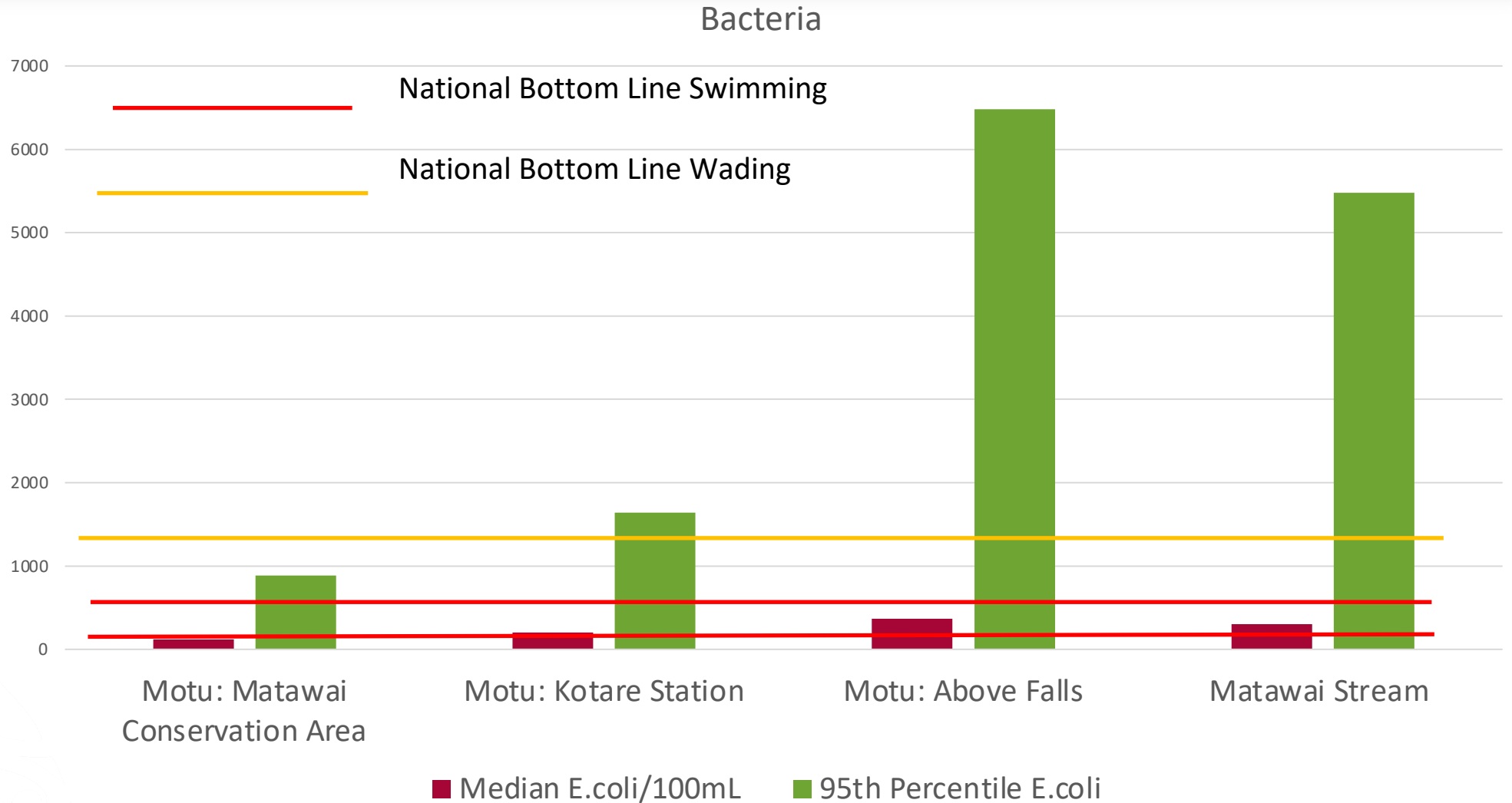
# Sediment at Monitored Sites



# Aquatic Ecosystem Health at Monitored Sites



# Bacteria at monitored sites





## Water Quantity at a Glance

### Catchment size in Gisborne District:

- Motu Catchment 700km<sup>2</sup> – 246km<sup>2</sup> above the Motu Falls
- Koranga Catchment is 280km<sup>2</sup> –no flow data

### Motu River flow data shows is a small river

- Motu Mean flow is 1360 l/s
- Median flow is 940 l/s
- 7 day Mean Annual Low Flow is 500 l/s

No consented water takes occur on the river

Optimal flows for brown trout habitat– 300 – 1050 l/s

Optimal flows for eel habitat 800-2000 l/s

Optimal flows for aquatic insect (fish food) 2000-2400 l/s

*Phormidium* cyanobacteria optimum below 2000 l/s

## Values Exercise

**Thinking about the catchments now, where are their important values.**

- **For spatial values use post it notes to write on a value and stick it on the maps of the catchments.**
- **For general values write them on flip charts**

**Values include things like:**

- **swimming sites; trout fishing sites; kayaking/boating sites; threatened species; mahinga kai harvest sites; human drinking water; wai tapu/sacred areas; animal drinking water, irrigation; commercial; or industrial use**

## Vision Exercise

**Thinking out for the next 30 years.**

**What is your vision for the Motu/Koranga catchments?**

**What do you want to see?**

**What will be the types of activities going on?**

**What will the rivers, streams and wetlands be like?**

## Next Steps

**Stakeholder reference group – apply by 23 Oct**

**Interviews and set up over end October**

**Stakeholder meetings and hui November – July**

**Further community meetings March 21, August 21**

**Draft Plan for feedback – August 21**

**Final Draft ready for public notification October 21**