

Arai Te Uru Marae Community Based Freshwater Monitoring Training

Trainers - Patricia, Tema'u

Location: Arai Te Uru Marae

Dates: Wednesday 11th June - Thursday 12th June

Back up Dates: Tuesday 17th June - Wednesday 18th June

Wednesday 11th June

Time	Activity
9:00-10:30am	Pōwhiri, kai whakanoa
10:30-11:00am	Whakawhanaungatanga
11:00am - 12:30pm	Intro to Mountains to Sea Conservation Trust & SHMAK
12:30-1:30pm	Lunch
1:30-2:30pm	Prepare e.coli samples
2:30-4:00pm	Interactive introduction to monitoring components: <ul style="list-style-type: none">• Water quality - temperature, conductivity, clarity, nitrate, phosphate• Stream life - periphyton, macrophytes, macroinvertebrates• Physical habitat - wolman walk, physical habitat assessment
4:00-4:10pm	Health & safety debrief
4:10 - 5:00pm	Set fish traps & e.DNA sample demo
6:00pm	Dinner
7:00pm	Spotlighting

Thursday 12th June

Time	Activity
7:30-8:30am	Breakfast
9:00am-10:00am	Fish ID
10:00am- 12:30pm	Interactive practical session covering: <ul style="list-style-type: none">• Water quality - temperature, conductivity, clarity, nitrate, phosphate• Stream life - periphyton, macrophytes, macroinvertebrates• Physical habitat - wolman walk, physical habitat assessment
12:30- 1:30pm	Lunch
1:30pm- 2:30pm	Continuation of practical session
2:30pm- 3:30pm	e.coli processing & results
3:30-4:30pm	Q & A & links to resources
4:30pm	Closing & presentation of certificates

Gear

Spotlights x2	Pat
Fish viewers x2	Pat & Tema'u
Periphyton ID Guide & Bug ID books	Pat (Confirm from N-Budget)
SHMAK manuals x2-4	Pat to confirm National budget for purchase
eDNA practice kit x1	Tema'u

RAF's & presite RAF's	Pat
CBFM Certificates x14	Tema'u
Fish trap gear (Gee minnow traps, hīnaki (fyke net), pigtail standards, bucket.)	Judy