

SoE and Periphyton Monitoring Run Guide

Cyanobacteria Mangatainoka Run

POINT DISCHARGE/STATE OF ENVIRONMENT (Monthly Sampling)

regional co	ional council			/	Manual			
				ard & Ta				
	lighted hazar	ds are kno	wn hazard	s at the time of c	ompiling tl	his docun	cards identified: nent. This does not nple location at <i>ever</i>	
Hazard	Ye	s	Haz	ard	Yes		Hazard	Yes
Confined space] Suspe	ended loads			Noise –	plant and equipment	
Difficult entry/exit] Fallin	g objects			Commu	nication – means of	
Oxygen deficiency/excess] Worki runwa	•	es and crane		Remote	area	
Poisonous fumes/g	as] Live r	ails-gantry cr	anes		Tempera	ature extremes	
Explosive gas] Trip h	azards		\boxtimes	Reduced	d visibility	\square
Flammable materia	ls] Slippe	ery surfaces		\square	Unauthorized persons		
Combustible mater	ials] Manu	Manual handling		\boxtimes	High pressure water		
Hazardous substar	nces] Sharp	Sharp materials			Vacuum		
Drowning		Line c	Line of fire			Air emissions – dust, fumes		
Engulfment		Press	Pressurized fluids			General waste		
UV Radiation		Press	urized air/ga	s		Hazardous waste		
Electrical – low /hig voltage	^{Ih} 🗵] Traffic	c / vehicle mo	ovements		Hydrocarbon / chemical spill		
Multiple electrical fe	eeds] Mach	inery – mobil	e plant		Soil disturbance/erosion		
Working at height] Movir	ng parts			Habitat disruption		
Ladders] Cherr	nical reaction	(Pyrophoric iron)		Lighting		
Elevated work platf	orms] Trans	port of hazar	dous substances		Weather extremes		
Potential for difficul rescue	t 🖂] Stock	Stock/Farm Animals		\boxtimes			
The yellow hig	hlighted PPI	are know	n required	PPE at the time	of compili	ng this do	t ional PPE required ocument. This does mple location per vis	not negate the
SAMPLING GLOVES	EAR PROTECTIC	1	RD HAT	SAFETY GLASSES / GOGGLES	-	BOOTS DERS	PROTECTIVE GLOVES	PERSONAL FLOATATION DEVICE (PFD)

VHF RADIO

 \square

 \boxtimes

THROW BAG

 \boxtimes

Horizons Regional Council

Hydrology Operations

Section No: Appendix No: Page:

15.7 23 2 of 30

SAFETY

HARNESS

HI VIZ

 \boxtimes

SUN BLOCK &

HAND SANITISER

 \boxtimes

 \boxtimes

PERSONAL LOCATOR BEACON

 \square

S horizons

Discrete Water Quality norizons

20/08/2024

02

Version No:

Issue Date:

hor

Portfolio:

Horizons Regional Council

horizons



Known Hazard	Significant		Can it be Eliminated		Can Minim		Method of control
	Yes	No	Yes	No	Yes	No	
Drowning	V			V	V		Staff should use a sample pole if access into the river/stream is unsafe. PFD's must be worn by staff. Always carry a throw bag when working around water and have a personal locator beacon on hand. It is always preferable to have someone else with you at all times when working around water [HMP 18]
UV Radiation	✓			✓	✓		Horizons provide sunscreen and hats. Staff are encouraged to make use of these. [HMP 17]
Engulfment	×			✓	 Image: A start of the start of		Rivers/streams are prone to flash flooding creating the potential for engulfment. Staff must be alert and aware at all times of how the waterways are behaving around them, especially in areas where water is dammed or has structures such as intakes and aquaducts. PFD's must be worn by staff and staff must be trained for working around water. Vehicles must be driven a sensible distance from any river or pond edges. Always carry a throw bag when working around water and have a personal locator beacon on hand. It is always preferable to have someone else with you at all times when working around water [HMP18]
Difficult Entry/Exit	~			~	✓		Entry and exit into waterways poses many risks and should be treated with caution. Sampling must be done from stable level ground. Staff should use a sample pole if access into the river/stream is unsafe. PFD's must be worn by staff and staff must be trained for working around water. [HMP18]
Electrical- Low/High Voltage	✓			✓	✓		Many of the rural sampling sites require traversing across farm paddocks equipped with electric fences that contain stock. If unknown, treat every farm fence as electric and avoid direct contact. Contact the landowner for advise on whether or not the fence is live and discuss alternative routes or options for avoiding the fence if possible.
Potential for Difficult Rescue	~			~	~		Sampling must always be done from stable level ground. Staff should use a sample pole if access into the river/stream is unsafe. PFD's must be worn by staff and staff must be trained for working around water. Vehicles must be driven a sensible distance from any river or pond edges. Always carry a throw bag when working around water and have a personal locator beacon on hand. It is always preferable to

Horizons Regional Council

horizons



Known Hazard	Significant		Can it be Eliminated		Can it be Minimised		Method of control		
	Yes No		Yes No		Yes No				
							have someone else with you at all times when working around water [HMP18]		
Trip Hazards	~			✓	~		Prior to sampling, staff must check area is clear of items that pose a risk. Trip Hazards should only be moved if safe to do so. Sampling only to commence if the sampler is satisfied that any slip, trip or fall hazards are isolated.		
Slippery Surfaces	~			✓	~		Sampling must be done from stable level. Vehicles must be driven a sensible distance from any river or pond edges. [HMP 18]. Staff driving four wheel drive vehicles must have adequate training [HMP 9]		
Manual Handling	✓			~	~		Staff must wear sampling gloves, eye protection and have access to anti-bacterial hand-gel to sample treated effluent. Hepatitis B vaccinations are offered by HRC. [HMP 30] [HMP 35]		
Traffic Vehicle Movements	~			~	~		The designated driver of a vehicle is responsible for ensuring the safety and operational requirements and recommendations are met. All staff working within the road reserve must wear high visibility clothing to AS/NZS 1906.4:2010. This clothing must be fluorescent red orange in colour unless the individual is the site STMS then the garment must be fluorescent lime yellow. [HMP 9] [HMP 16] [HMP 20].		
Stock/Farm Animals	✓			~	v		Although generally docile, farm animals can still be hazardous. The risk should be isolated by finding alternative access routes to the sample location or contacting the owner for assistance. [HMP26]		
Communications- Means of	~			~			Cell phone coverage is not available at all sites. Staff must be capable of communicating via VHF radio in an equipped vehicle. [HMP 24]		
Remote Area	~			V	~		Most council vehicles are fitted with the E- Road vehicle locator system. Many vehicles are also fitted with a radio operating on the Horizons digital radio network providing communication and tracking coverages across a majority of the region. [HMP 24]		
Temperature/ Weather Extremes	~			~	~		During the duration of a sampling run varying types and degrees of weather may be experienced. All sampling staff are to have access within their HRC vehicle to additional and appropriate clothing. Staff		

Horizons Regional Council



Hydrology Operations Manual



Known Hazard	Signi	ficant		it be nated	Can Minin		Method of control
	Yes	No	Yes	No	Yes	No	
							must have access to suitable PPE and spare clothing within their vehicle. [HMP 18]
Reduced Visibility	~			~		×	If you find you are driving in limited visibility slow your driving speed and turn your fog lights on and watch out for vehicles that aren't using their lights. When working in limited visibility if you cease to able to make out your surrounding environment stop work immediately. If working at night it is advisable to traverse the property in daylight first to map out an action plan outlining walking tracks, vehicle tracks, fence lines, stock positions, ponds, waterways, houses, and sheds as well as other significant items of interest. [HMP12]

Site Information

	Sile IIIO		
Hilltop Site Name	Easting/Long (NZTM)	Northing/Lat (NZTM)	Comments
Mangatainoka at Hukanui	1829621	5505734	Chlorophyll a sample, 20-view visual assessment of periphyton, Water Quality Samples and Smartroll reading
Mangatainoka at Scarborough Konini	1837067	5515764	Chlorophyll a sample, 20-view visual assessment of periphyton, Water Quality Samples and Smartroll reading, black disc
Mangatainoka at u/s Pahiatua STP	1840894	5519593	Chlorophyll a Sample, 20-view Visual assessment
Mangatainoka at d/s Pahiatua STP	1841334	5519688	Chlorophyll a Sample, 20-view Visual assessment
Makuri at Tuscan Hills	1848336	5510091	Chlorophyll a Sample, 20-view Visual assessment

	Hydro	logy Operatio Manual	ns		
Tiraumea at Ngaturi	1847722	5516229	Chlorop 20-view assessn		
Mangatainoka at u/s Tiraumea Confluence	1844895	1844895 5523732		Chlorophyll a sample, 20-view visual assessment of periphyton, Water Quality Samples and Smartroll reading, black disc	
				atainoka at u/s nea Confluence	
	Mangatainoka u/s Pahiatua STP	Mangatainoka	Mangatain	ioka at SH2	
Mangata Scarboro	inoka at pugh Konini	A CONTRACTOR AND A CONTRACTOR	atainoka d tua STP	/s	
			Tiraume	a at Ngaturi	
			•		
			Makuri at	Tuscan Hills	
Mangatainoka at Hukan	ui	ACT C.	ale ale	AL	

Cyanobacteria Mangatainoka Run

Horizons Regional Council

Section No: Appendix No: Page:

15.7 23 6 of 30

20/08/2024 Discrete Water Quality horizons

02

Version No:

Issue Date: Portfolio:

Hydrology Operations Manual



Equipment Required

Sample Bottles	FOUR (4) sample bottle sets – refer to http://tgm.horizons.govt.nz/Hydrology/SOPs/cd_om_15.4_Appendix_4_ELS%20Bottle%20Guide.xlsx
	FOUR (Water Quality) EIGHT (Periphyton)
Equipment	 Handheld multi-parameter instrument (calibrated) – including iPad/screen WITH CADDIS INSTALLED Black disc, viewer, tape measure Clarity Tube Bathoscope Pottles (Approx 10) Scrubbing brush, tooth brush, washer bottle, yellow sample bottle lid and ice cream container Sampling pole Chilly bins and ice-packs Disinfectant equipment for sampling equipment Field sampling books Sampling ID labels (created using Hilltop Sampler) Alcohol gel Personal Locator Beacon 4WD Vehicle equipped with VHF Radio Throw Bag
Additional Comments	 Makuri at Tuscan Hills; be careful when opening and closing the farm gate for access as large trucks may be coming down the road. Paddock can also get slippery and muddy during the winter.

Contact details can be found here.

Version No:	02	Horizons Regional Council	Section No:	15.7
Issue Date:	20/08/2024		Appendix No:	23
Portfolio:	Discrete Water Quality		Page:	8 of 30
hori		Hydrology Operations Manual	horizor	

Manual



SITE LOCATION MAP – Mangatainoka at Hukanui



POSSIBLE SITE HAZA	RDS (this does not negate ur	ndertaking a hazard	I review prior to
sampling on the day):			

oumphing of	11							
Drov	Drowning		UV Radiation			ery surfaces	Trip hazards	
Difficult	Difficult entry/exit		Potential for difficult rescue			nery- mobile plant	Traffic / Vehicle Movements	
Weather/Temperature Extremes								
REQUIRED PPE (in accordance with above hazards – this does not negate undertaking a hazard review prior to sampling on the day and/or using additional PPE if deemed necessary)						•		
WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON	THROW	V BAG	VHF RADIO	HI-VIS	

Horizons Regional Council

horizons

Hydrology Operations Manual



DIRECTIONS:

- From the Office travel south-east out of Palmerston North on SH57 towards Summerhill. Travel along Summerhill Drive, this will eventually turn into Aokautere Drive. Continue straight until you see Pahiatua-Aokautere Road on the right. Take this turn.
- Continue along Pahiatua-Aokautere Road, which's turns into Makomako Road. Follow this road straight for about 15 minutes until you see Nikau Road on the right. Take this turn.
- Follow Nikau Road, this will eventually turn into Tutaekaea Road. Follow Tutaekaea Road until you reach the junction with SH2. Turn right onto SH2.
- Travel for about 4km on SH2 turn right onto Hamua-Hukanui.
- Once on Hamua Hukanui Road travel about 2.5km further.
- Just before you cross the bridge over the Mangatainoka River there will be a reserve to turn into on your left. It can be hard to see.
- Turn in here, park up and follow the track down to the river to sample.



02 20/08/2024 Discrete Water Quality

Horizons Regional Council

Section No: Appendix No: Page:







horizons



Hydrology Operations Manual

SITE LOCATION MAP – Mangatainoka at Scarborough Konini



POSSIBLE SITE HAZARDS (this does not negate undertaking a hazard review prior to sampling on the day):

Drowning	UV Radiation	Slippery surfaces	Trip hazards			
Difficult entry/exit	Potential for difficult rescue	Machinery- mobile	Traffic / Vehicle			
Difficult effit y/exit		plant	Movements			
Weather/Temperature						
Extremes						
REQUIRED PPE (in accordance with above hazards – this does not negate undertaking a						
hazard review prior to sampling on the day and/or using additional PPE if deemed necessary):						

Version No:
Issue Date:
Portfolio:

Horizons Regional Council

horizons

15.7 23 12 of 30

Hydrology Operations

Manual

WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON	THROW BAG	VHF RADIO	HI-VIS	
---------------------------	-----	-------------------------------------	-------------------------------	-----------	-----------	--------	--

DIRECTIONS:

horizons

regional council

- Turn around, drive out of the reserve and turn right onto Hamua Hukanui Road back the way you came.
- At the end of the road turn left into SH2
- Travel for about 7.5km on SH2 until you come to Bridge Street on your left
- Turn left down Bridge Street and follow it for about 500m. Then turn right onto Scarborough Road
- Follow Scarborough Road for about 3km. After you cross the Mangatainoka River there will be a driveway to your left, go through the one closest to the left. (Sometimes this gate will be closed so you may need to open it).
- Drive down the gravel path and park at the end of the road.
- To get to the sampling point walk back up the drive and across the road. Climb the farm gate on the other side of the road (gate closest to the bridge) and follow the track through the low bush down to the river. Sample below the weir.







02 20/08/2024 Discrete Water Quality

horizons

Horizons Regional Council

Section No: Appendix No: Page:

Hydrology Operations Manual





Farm gate to jump over to walk down to the river

Path through small bush to get to the sampling site

Version No:	02	Horizons Regional Council	Section No:	15.7
Issue Date:	20/08/2024		Appendix No:	23
Portfolio:	Discrete Water Quality		Page:	15 of 30
hori		Hydrology Operations Manual	horizor	

SITE LOCATION MAP – Mangatainoka at u/s Pahiatua STP



sampling or	• •							
Drov	wning	U∖	Radiation		Slippe	ery surfaces	Trip ha	azards
Difficult entry/exit		Potential for difficult rescue		cue	Machinery- mobile plant		Traffic / Vehicle Movements	
Weather/Temperature Extremes								
						loes not nega ional PPE if		
WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON	THRO	W BAG	VHF RADIO	HI-VIS	
DIRECTIO	NS:							
• Turn	left back ont	o Scarbourgh	n Road					
 Follo 	w the road u	ntil it comes t	o an end at a	a T-inte	ersectio	on. Turn riaht.		

horizons

egional council

Horizons Regional Council

Hydrology Operations Manual



- Follow this road (Pahiatua-Mangahao Road) until it comes to an end at a T-intersection in Pahiatua
- Turn left onto SH2 and follow this road for about 2km
- Turn left into the driveway/farm race for 81624 SH2. Follow the driveway down a little terrace and past the house.

• Park up on the grass somewhere out of the way just as the driveway turns sharply to the right **ACCESS:**

- To get to the sampling site walk along the farm race that continues straight as you drove in (alongside the pine trees). There may be a couple of gates as you go, so don't forget to leave them as they were found.
- The track will dip down to a lower paddock and curve around. Follow it as it swoops around to the right. There will be a clearing in the trees in front of you with a farm gate, climb this gate.
- Walk through the trees to the river, you will cross a small stream while in the trees, this is called Town Creek and contains the outflow from the STP.
- Continue to head along the gravel to the river. Once on the river bed, walk 200m upstream so you are well above the Town Creek confluence with the Mangatainoka.



horizons

02 20/08/2024 Discrete Water Quality

Horizons Regional Council

Section No: Appendix No: Page:

horizons

15.7 23 17 of 30







SITE LOCATION MAP – Mangatainoka at d/s Pahiatua STP

Manual



POSSIBLE SITE HAZARDS (this does not negate undertaking a hazard review prior to								
sampling or	n the day):							
Dro	wning	UV	Radiation		Slippe	ery surfaces	Trip ha	azards
Difficult entry/exit		Potential for difficult rescue		Machinery- mobile plant		Traffic / Vehicle Movements		
Weather/Temperature Extremes								
	D PPE (in ac ew prior to sa							
WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON		W BAG	VHF RADIO	HI-VIS	
DIRECTIO	NS:							
• From the u/s site walk downstream until you reach the confluence with Town Creek. Just								

 From the u/s site wark downstream until you reach the confluence with Town Creek. Just upstream of the confluence there is a riffle that is safe to cross during moderate to low flows. Cross the river here to the gravel bar in the middle of the river. This is potentially difficult and

horizons

horizons

regional council

Horizons Regional Council

Hydrology Operations Manual



potentially dangerous depending on the height of the river. Follow appropriate safety protocols.

- Carry on approximately 50 to 100 meters downstream of the discharge point (where Town Creek enters the Mangatainoka River)
- If you cannot cross at the gravel bar then return to the vehicle and the junction you initially drove past. Here there should be a rope tied to a tree, climb down the bank with the aid of the rope and access the river this way (where you enter the river would be roughly the end of your reach).
- ACCESS: This sampling point can be highly changeable as the river here changes course frequently. Make sure that you get a sample that is representative of the entire river. If the river splits you may have to take half of your sample from one branch of the river and the rest of the sample from the other branch though ideally find a suitable spot where the branches coverage. Usually 1 transect from the left branch and 3 from the other. Split the rocks in two.





Hydrology Operations Manual



SITE LOCATION MAP – Makuri at Tuscan Hills



					So Sa Martin		Contraction of the second	
POSSIBLE SITE HAZARDS (this does not negate undertaking a hazard review prior to								
sampling or	n the day):							
Dro	wning	UV	/ Radiation		Slippe	ery surfaces	Trip ha	azards
Difficult entry/exit		Potential for difficult rescue		Machinery- mobile plant		Traffic / Vehicle Movements		
Weather/Temperature Extremes						·		
	D PPE (in ac ew prior to sa							
WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON	THRC	W BAG	VHF RADIO	HI-VIS	
DIRECTIONS:								
• From the d/s Pahiatua STP site, drive back up the driveway and turn left onto SH2.								
Drive approximately 2km along SH2 and then turn right anto Dehistus Dengaroo Dead								

Drive approximately 2km along SH2 and then turn right onto Pahiatua-Pongaroa Road

Version No:
Issue Date:
Portfolio:

horizons

egional council

Horizons Regional Council

- horizons
- Stay on Pahiatua-Pongaroa Road for approximately 15km. After approximately 8 kilometres you will cross a bridge over the Tiraumea River. You will be coming back to this site to sample next.
- When you are close to the 15km mark the road takes a sharpish turn to the right, then goes over a bridge and there is a sign on the left which says Tuscan Hills. Watch out on the right hand side of the road for a paddock with a hydrology shed in it (a large green shipping container) and a bus shelter on the left of the road. This should be very obvious when you see it.
- Park next to the bus shelter and walk into the paddock with the Hydrology shed. You will come to a steep hill, head down this to the Makuri River.







horizons

SITE LOCATION MAP – Tiraumea at Ngaturi



POSSIBLE SITE HAZA sampling on the day):	RDS (this does not negate u	ndertaking a hazard	review prior to				
Drowning	UV Radiation	Slippery surfaces	Trip hazards				
Difficult entry/exit	Potential for difficult rescue	Machinery- mobile plant	Traffic / Vehicle Movements				
Weather/Temperature Extremes							
REQUIRED PPE (in accordance with above hazards – this does not negate undertaking a hazard review prior to sampling on the day and/or using additional PPE if deemed necessary):							

Version No:
Issue Date:
Portfolio:

Horizons Regional Council

M

horizons

Hydrology Operations

Manual

WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON	THROW BAG	VHF RADIO	HI-VIS		
DIRECTIO	NS:							
 From the Makuri at Tuscan Hills site turn left out of the paddock back onto Pahiatua-Pongaroa Road Travel down the road for about 7km until you cross a one way bridge, which crosses over the Tiraumea River. 								
 Pull 	into the hydro	o site access	way and just	park up there	e and walk do	own to the site	э.	
ACCESS:								
 Cross the road and you will see a small white shed – this is the old hydrology shed. Cross the fence here (there is a style to get over the fence) and walk down the track towards the river. Walk under the bridge and approximately 50m upstream. This is where you will sample. Be careful walking down to the river as the paddock is often slippery and has large ruts that are covered by long grass. Walk upstream to a riffle and get off the banks here. Otherwise it is too deep to get into and often murky in the winter times. 								















Hydrology Operations Manual



SITE LOCATION MAP – Mangatainoka at u/s Tiraumea Confluence



POSSIBLE SITE HAZARDS (this does not negate undertaking a hazard review prior to									
sampling on the day):									
Drov	wning	U∖	/ Radiation		Slipp	ery surfaces	Trip ha	azards	
Difficult	entry/exit	Potential	Potential for difficult rescue		Machinery- mobile plant		Traffic / Vehicle Movements		
	emperature emes								
	REQUIRED PPE (in accordance with above hazards – this does not negate undertaking a hazard review prior to sampling on the day and/or using additional PPE if deemed necessary):								
nazard revi	ew prior to sa		he day and/o	or usinę	g addit	ional PPE IT	aeemea nec	essary):	
WORK BOOTS / WADERS	PFD	SUNSCREEN & HAND SANITISER	PERSONAL LOCATOR BEACON	THRO	W BAG	VHF RADIO	HI-VIS		

Horizons Regional Council

Hydrology Operations Manual



DIRECTIONS:

- From Tiraumea at Ngaturi, continue back towards SH2 (turn left out of the driveway). Continue for 6.5km until you reach a road on your right called Middle Road.
- Take this right. Stay on Middle road until the end as it comes to a T-intersection.
- Turn right and then about 400m down the road take the next left called Tawera Road.
- Travel down this road as it turns into gravel and there is a sharp corner to the right (which the road turns into Namu Road). Go around this corner and then about 200m past this corner there will be a raceway on your left. Park on the grass verge just past the race entry.
- Walk along the race until it ends. Head into the paddock and aim for the large tree area near a bunded pump shed. Keep to the right of the pump shed.
- Access the river banks via a cleared opening in the trees. Sample here, flows are typically quite flat and even all year round.



Version No:
Issue Date:
Portfolio:



Hydrology Operations Manual



SITE LOCATION MAP – Mangatainoka at SH2 Bridge



POSSIBLE SITE HAZARDS (this does not negate undertaking a hazard review prior to sampling on the day):

bamping on the day/								
Drowning	UV Radiation	Slippery surfaces	Trip hazards					
Difficult entry/exit	Difficult entry/exit Potential for difficult rescue		Traffic / Vehicle Movements					
Weather/Temperature Extremes								
REQUIRED PPE (in accordance with above hazards – this does not negate undertaking a								

hazard revi	ew prior to s	ampling on tl	he day and/o	r using addit	ional PPE if	deemed nec	essary):
WORK		SUNSCREEN	DERSONAL				

WORK BOOTS / WADERS	PFD	& HAND SANITISER	PERSONAL LOCATOR BEACON	THROW BAG	VHF RADIO	HI-VIS				

DIRECTIONS:

- From the u/s Tiraumea Confluence site head back the way you came down Tawera Road then turn right onto Kohinui Road.
- Follow Kohinui Road to the end, as you go past the Tui Brewery the road changes to Mara Street. Follow to the end then turn right onto SH2.
- Just before you drive over the bridge turn into the picnic area on the left and drive approximately 200 metres upstream and do your sampling here.

02 20/08/2024 Discrete Water Quality

Horizons Regional Council

Section No: Appendix No: Page:

horizons

15.7 23 30 of 30



Hydrology Operations Manual



Once you have finished sampling you can drive back to the office via the Pahiatua Track or alternatively the Saddle Road if the track is closed.