



Permitted activities: Post-activity report

Form 4 of Schedule 5 of the Exclusive Economic Zone and Continental Shelf (Environmental Effects – Permitted Activities) Regulations 2013

How to use this form: This form should be completed by people who have carried out a permitted activity (other than seismic surveying) in accordance with regulation 5, 6 or 8 of the Exclusive Economic Zone and Continental Shelf (Environmental Effects – Permitted Activities) Regulations 2013 (PA Regulations 2013). This form fulfils the post-activity report requirements of Schedule 4 of the PA Regulations 2013.

Timeframe: You must provide this form to the Environmental Protection Authority (EPA) within 60 working days of completing the activity.

Note: Items marked in *italics* are not compulsory; however, including this information will help the EPA process the form.

This completed form, once received and processed by the EPA, will be posted on the EPA website.

Submitting in hard copy: If you wish to provide the completed form in hard copy, post it to Environmental Protection Authority, Private Bag 63002, Wellington 6140 or fax it to +64 4 914 0433.

Submitting electronically: If you wish to provide the completed form electronically, email it to permitted.compliance@epa.govt.nz.

Any form submitted electronically should be attached to an email that sets out:

- the details of the person undertaking the permitted activity (the operator)
- the name of the person supplying the completed form
- a statement that the person is authorised to supply the form on behalf of the operator.

Note: The EPA has an 8 MB limit on electronic files submitted by email.

You can find and download all forms prescribed by the PA Regulations 2013, as well as suggested templates for providing other information, on our website at www.epa.govt.nz or request them from us by contacting:

Environmental Protection Authority,
Private Bag 63002, Wellington 6140
Email permitted.compliance@epa.govt.nz

Phone +64 4 916 2426
Fax +64 4 914 0433

Operation name:

Name used by operator to reference the activity described in this form: Scampi growth work on the Mernoo Bank (SCI 3)

Activity code:

Code given to you by the EPA after submitting the pre-activity notice: NIWPA28

Details of the person undertaking the permitted activity

Name of company, organisation or person:	National Institute of Water and Atmospheric Research Ltd.		
Contact person:	[REDACTED]		
Phone number:	[REDACTED]		
Mobile number:		Fax number:	
Physical address:	[REDACTED]	Postcode:	[REDACTED]
Postal address (if different):	[REDACTED]	Postcode:	[REDACTED]
Email address:	[REDACTED]		

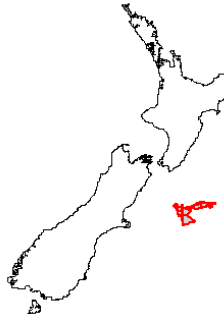
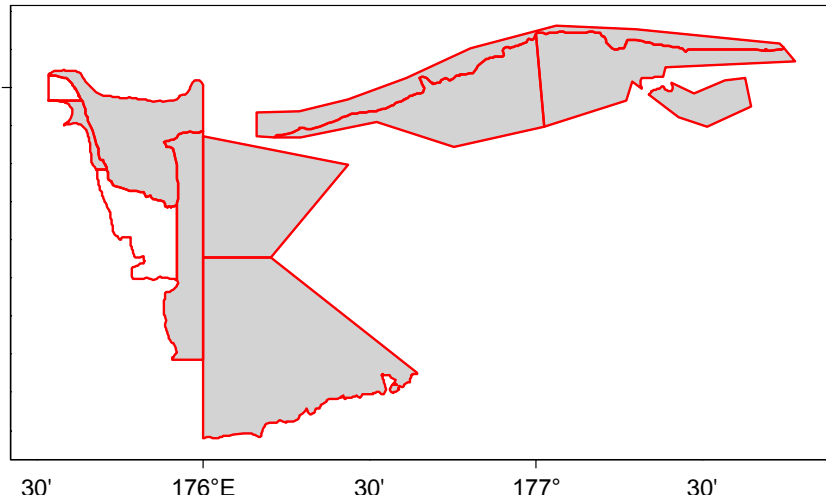
Description of permitted activity**Type of activity:**

Marine scientific research	<input checked="" type="checkbox"/>	Alteration, extension or removal of a permitted marine structure	<input type="checkbox"/>
Prospecting	<input type="checkbox"/>	Discharge of sediments from iron sand prospecting and exploration	<input type="checkbox"/>
Exploration	<input type="checkbox"/>	Incidental discharge of sediments from phosphate nodule or placer gold prospecting and exploration	<input type="checkbox"/>
Placement or removal of submarine cables	<input type="checkbox"/>	Discharge of sediments from seafloor massive sulphide prospecting and exploration	<input type="checkbox"/>
Period during which activity was undertaken:	11/9/2016 (commencement) – 30/9/2016 (completion)		

Location of the permitted activity**Co-ordinates of area where the activity was undertaken:**

(Provide four sets of co-ordinates in latitude and longitude **or** submit a shape file or KML/KMZ file.)

Set 1	43.8118 S, 175.4229 E
Set 2	42.8205 S, 175.4229 E

Set 3	43.8118 S, 177.8917 E
Set 4	42.8205 S, 177.8917 E
<input type="checkbox"/>	I have attached a shape or KML/KMZ file
<p>Map <i>(showing position of activity relative to the New Zealand coastline)</i></p>	<p>Coordinates above provide limits of study area. The study will take place at the western end of the Chatham Rise, to the east of New Zealand</p>  <p>Specific fishing and return of tagged scampi will take place on scampi grounds identified as grey shaded areas below</p> 

Details of the environment of the area where the activity was undertaken

Describe the environment:

Typical scampi habitat of the region includes fine sand and mud substrate. No known sensitive environments are found in proposed study area. An image of the seabed (with a single scampi burrow (larger opening to left of centre)) typically found in scampi grounds is provided below. Other seabed animals found in this region (in low density, and not shown in the picture) include: anemones, sea pens, sea cucumbers, deep water crabs and snails. The 2 red dots in the image (slightly left and below centre) are 20cm apart, and the image covers an area of approximately 4m².



Describe any sensitive environment that was encountered in the area where the activity was undertaken:

No sensitive environments were encountered during the activities undertaken on the NIWA research voyage to the Chatham Rise.

No equipment used for sediment sampling remained on the seabed and the impact associated with the seafloor sampling was limited to the immediate sampling areas.

The most likely effect would be minor disturbance of the benthic environment and benthic communities, resulting from the collection of a seabed sample as well as the impact of river stones used to weight paper bags containing scampi before being released.

Environmental footprint of the activity

Estimate of the volume of material removed:	One sediment sample (5cm diameter, 10 cm deep core) was removed from the seabed.
Estimate of the areas of seabed affected by each component of, or sample taken as part of, the activity (m²):	Sediment sampling caused a small (5 cm diameter) disturbance to the seabed (< 0.002 m ²). Scampi were released at 62 locations, using a total of 180 weighted brown paper bags. Scampi catch rates were high, and over 6000 scampi were tagged and released. In total, we estimate the activity had a benthic impact of ~0.68m ² .

Details of measures taken to avoid, mitigate or remedy adverse effects on the sensitive environment

Did you implement the contingency plan submitted to the EPA?

Yes No

Explain: No sensitive environments were encountered.

Provide details of, and the reasons for, the measures taken to avoid, mitigate or remedy the effects of the activity:

The most likely effect would have been minor disturbance of the benthic environment and benthic communities, resulting from the deployment of river rocks to the seafloor.

Should there had been an indication that the presence of sensitive environments (i.e. organisms as defined in Schedule 6), activities would have been redesigned to minimise and, wherever possible, avoid further contact with these environments.

18 October 2016

Signature of authorised contact person

Date

Name: [REDACTED]

Title: [REDACTED]

Note: A signature is not required for electronic (email) forms.