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: Southern blue whiting camera moorings

**Activity code:**
Code given to you by the EPA after submitting the pre-activity notice: NIWPA15

Details of the person undertaking the permitted activity

<table>
<thead>
<tr>
<th>Name of company, organisation or person:</th>
<th>National Institute of Water and Atmospheric Research Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact person:</td>
<td></td>
</tr>
<tr>
<td>Phone number:</td>
<td></td>
</tr>
<tr>
<td><strong>Mobile number:</strong></td>
<td><strong>Fax number:</strong></td>
</tr>
<tr>
<td>Physical address:</td>
<td>Postcode:</td>
</tr>
<tr>
<td><strong>Postal address (if different):</strong></td>
<td>Postcode:</td>
</tr>
<tr>
<td>Email address:</td>
<td></td>
</tr>
</tbody>
</table>

Description of permitted activity

**Type of activity:**

- Marine scientific research ☒ Alteration, extension or removal of a permitted marine structure  
- Prospecting ☐ Discharge of sediments from iron sand prospecting and exploration  
- Exploration ☐ Incidental discharge of sediments from phosphate nodule or placer gold prospecting and exploration  
- Placement or removal of submarine cables ☐ Discharge of sediments from seafloor massive sulphide prospecting and exploration  

**Period during which activity was undertaken:**

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.)

<table>
<thead>
<tr>
<th>Set</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>-50.92, 169.25</td>
</tr>
<tr>
<td>2</td>
<td>-50.92, 172.16</td>
</tr>
<tr>
<td>3</td>
<td>-53.58, 172.16</td>
</tr>
</tbody>
</table>

September 2015 EPA0369
Details of the environment of the area where the activity was undertaken

**Describe the environment:**

Environment is relatively heavily fished, mainly using midwater trawls towed on the bottom, with more than 20,000 trawls in the region since 1993. Map above shows location of SBW catch in 2012 (largest circles show largest catch), when a total catch of 20,000 t was taken from 592 trawls. The catch increased to about 29,000 t from 693 trawls in 2013. Work with net-mounted cameras by NIWA in 2011 and 2013 showed the seabed is relatively flat and mainly consists of soft sediment.

The survey area is about 60 km east of the Campbell Islands, which is a National Nature Reserve. The islands and ocean surrounding the island groups (to a distance of 12 nautical miles) are also a World Heritage Area, but the proposed activities are outside both the Reserve and Heritage Area.

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

No sensitive environments were encountered during activities undertaken on the NIWA research voyage TAN1610 to the Campbell Plateau.

The most likely effect of our activity was a minor disturbance of the benthic environment and benthic communities, resulting from the railway wheel used to deploy the mooring. The railway wheel was placed at 15.7886 S, 170.4092 E on 18 Sept 2016 at 10:47 NZST.
Environmental footprint of the activity

<table>
<thead>
<tr>
<th>Estimate of the volume of material removed:</th>
<th>No material was removed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimate of the areas of seabed affected by each component of, or sample taken as part of, the activity (m²):</td>
<td>One mooring was deployed using a railway wagon wheel as bottom weight. This weight was the only structure (~75 cm diameter) in contact with the seabed.</td>
</tr>
</tbody>
</table>

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 be minor disturbance of the benthic environment and benthic communities, resulting from the collection of seabed samples.

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

14 Oct 2016

Signature of authorised contact person

Name: [redacted]
Title: [redacted]

Date

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