Form 4: Post-activity report

Regulation 11(d), Exclusive Economic Zone and Continental Shelf (Environmental Effects–Permitted Activities) Regulations 2013

How to use this form:
This form should be completed by persons who have carried out a permitted activity (other than seismic survey) as defined in the Exclusive Economic Zone and Continental Shelf (Environmental Effects-Permitted Activities) Regulations 2013. It fulfils the post-activity report requirements of Schedule 4 of the Regulations.

This form must be provided to the Environmental Protection Authority (EPA) within 60 working days of completion of the activity.

Note: Items marked in italics are non-compulsory fields; however, inclusion of this information will assist the EPA in processing this form.

Please note that this completed form, once received and processed by EPA, will be posted on the EPA website.

Submitting in hard copy:
If you wish to provide this form in hard copy, please post your completed form to: Environmental Protection Authority, Private Bag 63002, Wellington, 6140.

Submitting electronically:
If you wish to provide this form electronically, please email your form to: eez.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; and
- A statement that the person is authorised to supply the form on behalf of the operator.

Note: there is an 8 MB limit on electronic files submitted via email.

All forms prescribed by the Exclusive Economic Zone and Continental Shelf (Environmental Effects – Permitted Activities) Regulations 2013, as well as suggested templates for providing other information, may be viewed and downloaded from our website at www.epa.govt.nz or requested by contacting us:

Private Bag 63002, Wellington, 6140
Email info@epa.govt.nz
Ph +64 4 916 2426
Fax +64 4 914 0433
**Operation name:** Sea Education Association

*Name used by operator to reference the activity described in this form:* SEA cruise S256

**Details of person undertaking permitted activity**

<table>
<thead>
<tr>
<th>Company name:</th>
<th>Sea Education Association</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>Fax number:</td>
</tr>
<tr>
<td>Physical address:</td>
<td></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>

**General description of permitted activity**

<table>
<thead>
<tr>
<th>Type of activity:</th>
<th>Marine scientific research and undergraduate student education</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e.g. marine scientific research, prospecting)</td>
<td></td>
</tr>
<tr>
<td>Period during which activity was undertaken:</td>
<td>17 November – 21 December 2014</td>
</tr>
</tbody>
</table>

**Location of permitted activity**

<table>
<thead>
<tr>
<th>Co-ordinates of area where activity was undertaken:</th>
<th>All sampling occurred between 34 S and 46 S, 170 E and 176 E.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(latitude and longitude)</td>
<td></td>
</tr>
</tbody>
</table>

**Details of environment of area where activity undertaken**

**General description of the environment:**

All research occurred in offshore pelagic (CTD casts; flow through and discrete water sampling; surface and upper water column net tows) and near-harbor (discrete water sampling; shipek grabs) settings.

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

None

**Environmental footprint of activity**

<table>
<thead>
<tr>
<th>Estimation of the volume of material removed:</th>
<th>554 L seawater</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>38 mL phytoplankton biomass</td>
</tr>
<tr>
<td></td>
<td>22.2 L mixed zooplankton biomass</td>
</tr>
<tr>
<td></td>
<td>7.6 L sediment</td>
</tr>
</tbody>
</table>
We conducted nine shipek grabs, each of which impacted a very small area (~0.1 m²) of the seabed. In total, we removed sediment from ~1 m² seafloor area, affecting only the very surface portion of the local environment.

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

<table>
<thead>
<tr>
<th>Did you implement the contingency plan submitted to the EPA?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Yes / No</strong> ✗</td>
</tr>
<tr>
<td><strong>Explain:</strong> We did not encounter any sensitive environments.</td>
</tr>
</tbody>
</table>

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

Not applicable

* Select One

21 January 2015

Signature of authorised contact person  Date

Name:  

Title: Chief Scientist onboard the SSV Robert C. Seamans

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