

Incident Management for the Saldanha Bay Aquaculture Development Zone

Version 1: April 2020

Objectives

1. To identify and investigate significant incidents in sufficient time to prevent persistent or cumulative environmental damage and through reviewing and improving existing management instructions ensure that the incident does not recur.

Definition

A significant environmental incident is any inadvertent occurrence (including sabotage):

1. in which the performance criteria specified in the approved EMP or in the environmental Authorisation have been contravened, or
2. any environmental facet (air, water, benthic environment) has been endangered or degraded through a spill or similar event.

This will include but is not limited to:

- spills of any liquid or solid onto the exposed soil, into the storm water drain or sewer or sea;
- release of any caged fish;
- loss of equipment; or,
- equipment washed up on the beach.

Note: The above definitions do not include danger to human wellbeing. Such incidents will be managed with a parallel Occupational Health Safety Act system.

Note: This definition is different from the definition of a significant incident defined in terms of section 30(1)(a) of NEMA as an unexpected sudden occurrence, including a major emission, fire or explosion leading to **serious danger to the public or potentially serious pollution of or detriment to the environment, whether immediate or delayed**. The incidents dealt with by this procedure are localised and do not require the intervention of the Department of Forests, Fisheries and Environment (DFFE). If the incident is deemed significant in terms of this legislation the procedure is overruled and the procedure legislated by the DFFE shall be assumed.

Performance Indicators

1. All incidents are fully documented and reviewed.
2. Management instructions have been amended in response to incident investigation.
3. The incident is not repeated.

Procedures

1. Any incident occurring in the Saldanha Bay or Langebaan Lagoon that relates to the Aquaculture Development Zone (ADZ) will be reported to the Environmental Control Officer (ECO) immediately by cell phone or email (0824516880/ errol@errolcerff.co.za and SaldanhaADZECO@gmail.com).
2. Upon receiving a report of an incident, the ECO shall log the call and refer the incident report to DFFE, Transnet National Ports Authority (TNPA) and the appropriate farm manager to initiate action required to contain the incident.
3. Once the incident area has been stabilised, the ECO or farm manager shall complete the incident investigation form (attached). This shall include a full investigation into the causes of the incident and how a recurrence can be avoided.
4. Once the form has been completed it shall be submitted to the ECO for review within one week of the incident.

5. The ECO and the AMC shall review the incident reporting form. In the event that additional or alternative actions are required, instructions shall be communicated to farm manager.
6. **Note: In the event of a significant incident which is defined in terms of section 30(1)(a) of NEMA as an unexpected sudden occurrence, including a major emission, fire or explosion leading to serious danger to the public or potentially serious pollution of or detriment to the environment, whether immediate or delayed, the incident shall be reported to the National Department of Forests, Fisheries and Environment and an appropriate incident form completed and submitted to the regional office or as instructed by the competent official.**

Reporting

Each farm manager shall issue a summary report of all environmental incidents to the ECO on a monthly basis.

The ECO will report on incident management to:

- AMC
- DFFE Compliance and Enforcement
- CF

Copies of the reports will be filed on the Google Drive.

Summary of Staff Commitment

Each farm manager shall:

- Respond immediately to any incident whether reported by the farm's staff or an external party.
- Stabilise the area and complete the incident report form including a full investigation into the circumstances and how they can be avoided in future.
- Submit the complete form for consideration by the ECO. A summary of incidents shall be submitted to the ECO monthly.
- Implement any changes required by the ECO in response to the incident investigation.

The ECO shall:

- Report any incidents brought to his / her attention by any staff member or member of the public to the responsible party for action by completing the incident report form.
- Log the incident in the incident register.
- Review the evaluation documented by the responsible party and any recommendations for improvement and decide whether the proposals are likely to be effective
- Require either the changes proposed by the responsible party to be effected or any others the ECO/AMC may deem appropriate.
- Report to the AMC and DFFE on incidents and actions taken in the quarterly reports.

Incident Report Form

Note: In the event of a significant incident which is defined in terms of section 30(1)(a) of NEMA as an unexpected sudden occurrence, including a major emission, fire or explosion leading to serious danger to the public or potentially serious pollution of or detriment to the environment, whether immediate or delayed, the incident shall be reported to the National Department of Water and the Environment and an appropriate incident form completed and submitted to the regional office or as instructed by the competent official.

Section One: To be completed by the person reporting the incident

Name	Meryl-Lee Edwards	Designation	Sea Harvest Environmental Officer
Contact number	022 701 7271 / 079 775 2015	Physical location of incident	Slipway, Saldanha
Date of incident	29/06-02/07/2020	Time of incident	10:00 am

Describe the incident

Sponge pieces, domestic waste and an oily-fatty sheen was observed along the length of the Government Jetty, as well as quay side of the Sea Harvest Saldanha operations plant.

Was there damage/ contamination of any of the following? (Tick the appropriate box)

Sea water	<input checked="" type="checkbox"/>	Beach	<input type="checkbox"/>	Infrastructure	<input type="checkbox"/>
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What remediation has been undertaken? (Describe)

The Harbour Master was contacted, and he launched a small tugboat to pick up the pieces of sponge and the domestic waste.

Has the damage/ contamination been completely remediated? **NO**

If not, what residual damage remains (detail the residual damage).

The bins have not been emptied at the slipway and the oily water is still running into the sea. There were still pieces of sponge floating on the sea surface. (Refer **Annexure A**)

If residual damage remains- what is the reason and what is planned with respect to the environmental damage. The ECO must counter sign this form in this event before it can be closed. (see below)

Upon investigation, what was found to be the cause of the incident? (Detail)

The tide had risen on Sunday morning (28/06/2020) which knocked over the full bin (Refer **Annexure B**)

Is this a repeat of a similar incident? **NO**

What is the reason that planned changes did not prevent a recurrence of the incident?

N/A

What is to be changed to ensure that the incident will not be repeated? (Detail)

The oily water of the run-off from the vessels on the slipway should be contained in Steel 210L Drums and be stored inside a bund-wall. Domestic bins should have lids and not be placed so close to the dock of the slipway.

Section Two: To be completed by the ECO

Does the incident comprise a contravention of legislation?

What action has been taken?

Have all the required and appropriate actions been taken to the satisfaction of the ECO?

Have all parties signed the incident form?

Date

Farm manager

Date

ECO

Sea water pollution observed week ending 03/07/2020



Annexure 1: Pollution observed next to government jetty on 29/06/2020



Annexure 2: Pollution observed next to government jetty on 29/06/2020

Sea Harvest Corporation (Pty) Limited

1st Floor, Block C, The Boulevard, Searle Street, Woodstock, 7925, Cape Town, South Africa. PO Box 761, Cape Town, 8000.
Telephone + 27 [0] 21 468 7900, Fax + 27 [0] 21 465 5883 - www.seaharvest.co.za

Directors: F Robertson [Chairman], F Ratheb [CEO], JP de Freitas, T Brown, M Harry, T. Moodley, MI Khan
Registration Number: 2008/024147/07

Sea water pollution observed week ending 03/07/2020



Annexure 3: Pollution observed next to government jetty on 01/07/2020



Annexure 4: Pollution observed next to government jetty on 02/07/2020

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Slipway inspection conducted on 29/06/2020



Annexure 1: Oily water running down at slipway, Saldanha



Annexure 2: Oily water running down at slipway, Saldanha

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Annexure 3: Over full bin containing sponges and oily water running down at slipway, Saldanha



Annexure 4: Oily sheen running down into the sea water at the slipway, Saldanha

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Annexure 5: Remaining sponges observed at the slipway

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