



# **PIRMP – E-Waste Recycling Facility**

**2<sup>nd</sup> May 2023**

## POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

LICENCE NUMBER: 21787

Approved by: REDACTED

Signature:

Position/Title:

Date: 11/05/2023

### PURPOSE:

Mint Biomining Pty Ltd holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for E-Waste Recycling Facility located at REDACTED. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must **immediately** implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A copy of this plan must be kept at the licensed premises, or where the activity takes place in the case of mobile plant licences and be made available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in clause 74 of the *Protection of the Environment Operations (General) Regulation 2022*.

## Environment Protection Licence (EPL) Details

Name of licensee: Mint Biominining Pty Ltd  
(Including ABN) ABN: 93 643 458 146

EPL number: 21787

Premises name and address: REDACTED

Company or business contact details  
**Name of person responsible:** Srinivasa Prayaga  
**Position or title:** REDACTED  
**Business hours contact number/s:** REDACTED  
**After hours contact number/s:** REDACTED  
**Email:** [srini@mint.bio](mailto:srini@mint.bio)

Website address: [www.mint.bio](http://www.mint.bio)

Scheduled activity/activities on EPL: Clause 9(1): Chemical storage (on-site generated chemical waste storage)  
Clause 42(3)(a): Waste storage

Fee-based activity/activities on EPL: Clause 9(1): Chemical storage (on-site generated chemical waste storage)  
Clause 42(3)(a): Waste storage

Contact details must include the names, position titles and 24-hour contact details. Details are to include alternative person/s, should the primary contact be unavailable.

PIRMP activation  
**Name of person responsible:** Srinivasa Prayaga  
**Position or title:** REDACTED  
**Business hours contact number/s:** REDACTED  
**After hours contact number/s:** REDACTED  
**Email:** [srini@mint.bio](mailto:srini@mint.bio)

Notifying relevant authorities  
Notification should be made by a person with an appropriate level of authority within the company.  
**Name of person responsible:** Johann Havenga (alternative contact)  
**Position or title:** REDACTED  
**Business hours contact number/s:** REDACTED  
**After hours contact number/s:** REDACTED  
**Email:** [johann@mint.bio](mailto:johann@mint.bio)

Managing response to pollution incident  
**Name of person responsible:** Srinivasa Prayaga  
**Position or title:** REDACTED  
**Business hours contact number/s:** REDACTED  
**After hours contact number/s:** REDACTED  
**Email:** [srini@mint.bio](mailto:srini@mint.bio)

## Environment Protection Licence (EPL) Details

Identify any persons or authorities required to be notified as per Part 5.7A of the POEO Act in the case of a pollution incident that causes or threatens to cause material harm to the environment.

Relevant authorities include:

1. Fire & Rescue NSW and/or Rural Fire Service as applicable – 000 (first notification)
2. EPA – 131 555
3. NSW Health (nearest public health unit) – see <https://www.health.nsw.gov.au/Infectious/Pages/phus.aspx#Port>
4. SafeWork NSW – 131 050
5. Local authority (usually the local council) in which the pollution has occurred.

Note: The local council and public health unit will vary depending on the location of the pollution incident. For mobile plant licences the PIRMP will need to include the person or people who are responsible for identifying the local authority and nearest public health unit.

Fire & Rescue NSW / Rural Fire Service	<b>Contact number/s:</b>	Emergency 000 or 112
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Fire and Rescue NSW Smithfield Fire Station		(02) 9609 2343
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Fire and Rescue NSW Yennora Fire Station		(02) 9493 1073
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EPA – Pollution Hotline	<b>Contact number/s:</b>	131 555
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NSW EPA Metro		(02) 9995 5555
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NSW Health – Public Health Unit	<b>Health Service:</b>	Liverpool Shoalhaven LHD
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	<b>Contact number/s:</b>	(02) 9794 0855
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		AH: (02) 8738 3000
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SafeWork NSW	<b>Contact number/s:</b>	13 10 50
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Local authority	<b>Contact number/s:</b>	(02) 8757 9000
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Cumberland City Council		
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Any other identified organisation or agency requiring notification (if applicable)	<b>Contact number/s:</b>	(02) 9860 1500
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Department of Planning Industry and Environment – Parramatta Offices		
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## Notification of neighbours and the local community

Identify owners or occupiers of premises in the vicinity of the licensed premises, including any sensitive premises (e.g. schools, preschools, hospitals, nursing homes):

Map Ref.	Business	Main Activity	Address	Method of contact
1	REDACTED	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

## Description and likelihood of hazards

Provide a description of the hazards to human health or the environment associated with the activity to which the licence relates:

Hazard	Likelihood	Consequences	Risk rating	Circumstances likely to increase likelihood or consequences	Mitigating measures to reduce risk
Fire in Storage/Waste Processing Building	Possible	3	Medium	<ul style="list-style-type: none"> <li>Careless operating procedures</li> <li>Poor maintenance</li> <li>Poor staff training</li> <li>Smoking inside</li> <li>Lack of inspection / maintenance of fire equipment</li> <li>Arson</li> <li>Contamination in incoming loads</li> </ul>	<ul style="list-style-type: none"> <li>Staff induction and ongoing training</li> <li>Staff supervision</li> <li>Regular maintenance schedule</li> <li>Hot work permit system</li> <li>Fire detection system</li> <li>Smoke detection system</li> <li>Annual fire equipment inspection (required by law)</li> <li>Site security</li> </ul>
Chemical spill	Possible	4	High	<ul style="list-style-type: none"> <li>Careless operating procedures</li> <li>Poor maintenance /equipment failure</li> <li>Accidental spill</li> </ul>	<ul style="list-style-type: none"> <li>Staff induction and training</li> <li>Regular maintenance and repair schedule</li> <li>Bunding and containment around chemical storage areas</li> <li>Spill kit positioned near chemical storage</li> <li>Incoming load inspection protocols</li> </ul>
Release of dust/litter/odour	Possible	5	Low	<ul style="list-style-type: none"> <li>Careless operating procedures</li> <li>Accidental spill</li> <li>Vehicle crash</li> </ul>	<ul style="list-style-type: none"> <li>Staff induction and ongoing training</li> <li>Staff supervision</li> <li>Regular maintenance schedule</li> <li>Onsite vehicle movement controls</li> </ul>
Moving vehicles	Possible	4	Low	<ul style="list-style-type: none"> <li>Careless operating procedures</li> <li>Poor staff training</li> </ul>	<ul style="list-style-type: none"> <li>Staff induction and ongoing training</li> <li>Maintenance of clear pedestrian walkways</li> <li>High visibility PPE</li> <li>Onsite vehicle movement controls</li> </ul>
Moving machinery	Possible	4	Low	<ul style="list-style-type: none"> <li>Careless operating procedures</li> <li>Poor maintenance</li> <li>Equipment failure</li> <li>Poor staff training</li> </ul>	<ul style="list-style-type: none"> <li>Staff induction and ongoing training</li> <li>Staff supervision</li> <li>Regular maintenance schedule</li> <li>Lockout/tag procedure during equipment maintenance</li> </ul>

## Safety equipment

Describe the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident:

Equipment	Location
Personal Protection Equipment	<ul style="list-style-type: none"><li>• Worn by staff, spares in office</li></ul>
Fire Hydrant	<ul style="list-style-type: none"><li>• Throughout warehouse</li></ul>
Fire Hose Reel	<ul style="list-style-type: none"><li>• Throughout warehouse</li></ul>
Fire Extinguishers	<ul style="list-style-type: none"><li>• Throughout warehouse</li></ul>
Chemical Spill kit	<ul style="list-style-type: none"><li>• Throughout warehouse</li></ul>
First Aid Kit	<ul style="list-style-type: none"><li>• Office</li></ul>
Traffic bollards and traffic cones	<ul style="list-style-type: none"><li>• Office</li></ul>

## Minimising harm to persons on the premises

Identify the arrangements for minimising the risk of harm to any persons who are on the premises or who are present where the scheduled activity is being carried out:

- All visitors to sign in at the weighbridge and/or office
- All staff and visitors to adhere to safety paths and follow instructions
- All staff and visitors to wear appropriate Personal Protection Equipment at all times
- In an emergency, all staff and visitors to follow the instructions of the Chief Warden (see Emergency Plan)
- Audible alarms will sound if evacuation is necessary.

## Actions to be taken during or immediately after a pollution incident

Develop a detailed description of the actions to be taken immediately after a pollution incident to reduce or control any pollution. These should include as a minimum, early warnings, updates and actions to be taken during and after an incident:

Incident type	Action	Responsible person
Small, localised fire	<ul style="list-style-type: none"> <li>Attempt to extinguish fire with fire extinguisher or fire hose reel</li> <li>Engage stormwater drain covers</li> <li>Notify supervisor, Area Warden and/or Chief Warden</li> </ul>	Nearby staff member/s
	<ul style="list-style-type: none"> <li>Assess situation</li> <li>Instigate Emergency Plan if necessary</li> </ul>	Operations manager
	<ul style="list-style-type: none"> <li>Utilise chemical spill kit to clean up</li> <li>Dispose of used absorbent litter in hazardous waste bin</li> </ul>	Operations manager
Large fire	<ul style="list-style-type: none"> <li>Alert Chief Warden</li> <li>Call Fire Brigade</li> <li>Evacuate area</li> </ul>	All staff in area
	<ul style="list-style-type: none"> <li>Deploy fire hose reels if safe to do so</li> </ul>	Operations manager
	<ul style="list-style-type: none"> <li>Engage stormwater drain covers</li> <li>Arrange for fire water to be collected by appropriate liquid waste contractor</li> </ul>	Operations manager
Small, localised chemical spill	<ul style="list-style-type: none"> <li>Utilise spill kit to contain and collect spill</li> <li>Dispose of spill and absorbent litter in hazardous waste bin</li> </ul>	Nearby staff member/s
Large spill chemical spill	<ul style="list-style-type: none"> <li>Alert supervisor and Chief Warden</li> <li>Evacuate area</li> </ul>	All staff in area
	<ul style="list-style-type: none"> <li>Deploy absorbent "sausages" and chemical spill kits to contain spill</li> </ul>	Operations manager
	<ul style="list-style-type: none"> <li>Contact spill clean-up contractor</li> </ul>	

The Chief Warden and/or Site Manager will co-ordinate responses with outside agencies.

Area Wardens will supervise implementation of Emergency Plan for their area, if necessary.

Communications Officer will co-ordinate communications and disseminate information.

## Staff training

Identify the nature and objectives of any staff training program in relation to this plan:

- All staff – emergency response and pollution response to be included in employment induction
- All staff – Evacuation routes and contact details for Area Wardens, Chief Warden and Communications Officer to be displayed in each building on site
- Operations Manager / Human Resources Officer – Annual fire and emergency response training
- Operations Manager / Human Resources – OHS and Chemical Safety training every 2 years.



## Testing and updating of the PIRMP

This PIRMP will be tested annually:

- Evacuation drill to occur at least annually – date and results to be recorded below.
- Relevant staff training to be recorded.
- Staff assigned to key positions of Operations Manager / Human Resources / Site Environmental Manager to be kept up-to-date on all materials, including signs around the facility
- Records of fire equipment inspections to be kept, with dates of inspection recorded.

Detail the dates on which the plan was updated:

### Example: PIRMP testing details

Date tested	Tested by  (to include the names of all people involved in testing)	Details of test  (e.g. nature of the test, involvement of other agencies)  Note: Testing must cover all components of the plan.	Finding of test, including issues identified	Next scheduled testing date  (must be within 12 months from current test)
e.g. 24.02.18	Joan Smith, Environment Manager	Desktop simulation – chemical spill	Contact details, map and pollutant inventory out of date	23.02.19

### PIRMP update details

Date update occurred	Reason for update  (e.g. address issues identified in testing, contact details/personnel have changed)	Details of updates  (nature of changes to PIRMP)	Date the updated version uploaded to website (if applicable)	Date of completion
e.g. 24.02.18	Outdated items identified in annual testing	Contact details, map and pollutant inventory updated	26.02.18	26.02.18