

SECTION 14 INCIDENT REPORT (*Waste Management and Pollution Control Act*)

Date and Time of Notification:	Initial notification (Call) – 12 January 2025 2:56 pm																		
Person / Company:	McArthur River Mining Pty Ltd (MRM)																		
Incident:	A total of approximately 10 kilograms (kg) of bulk concentrate was inadvertently released at five locations along the Carpentaria Highway. The source of the spill originated from a road train travelling from McArthur River Mine (the Mine) to the Bing Bong Loading Facility (BBLF).																		
(a) the incident causing or threatening to cause pollution	A total of approximately 10 kg of bulk concentrate was released at five locations on the Carpentaria Highway, between the Mine and the BBLF. All concentrate was confined to the road and roadside.																		
(b) the place where the incident occurred	<p>The Global Positioning System (GPS) points for the length of the spill is provided in Table 1 below and shown in Figure 1.</p> <p style="text-align: center;"><i>Table 1 – GPS Coordinates of spill end and start.</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sample ID</th> <th>Easting*</th> <th>Northing*</th> </tr> </thead> <tbody> <tr> <td>5kg Spill</td> <td>631946</td> <td>8218930</td> </tr> <tr> <td>1kg Spill</td> <td>645042</td> <td>8264798</td> </tr> <tr> <td>1kg Spill</td> <td>645066</td> <td>8265086</td> </tr> <tr> <td><1kg Spill</td> <td>638589</td> <td>8229772</td> </tr> <tr> <td>2kg Spill</td> <td>642160</td> <td>8239861</td> </tr> </tbody> </table> <p><i>*All coordinates were taken using the MGA Zone 53 (GDA94) coordinate reference system.</i></p>	Sample ID	Easting*	Northing*	5kg Spill	631946	8218930	1kg Spill	645042	8264798	1kg Spill	645066	8265086	<1kg Spill	638589	8229772	2kg Spill	642160	8239861
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(c) the date and time of the incident	The incident was reported to MRM on 12 January 2025, at approximately 17:39.																		

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Figure 1: Incident Locations in relation to the BBLF

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<p>d) how the pollution has occurred, is occurring or may occur</p>	<p>A road train transporting concentrate along the Carpentaria Highway from the Mine to the BBLF inadvertently released approximately 10 kg of bulk concentrate to the road and roadside, across three locations.</p> <p>An investigation is being undertaken to determine how the incident occurred.</p> <div data-bbox="608 584 1259 1444" data-label="Image"></div> <p><i>Figure 2: Extent of the first spill heading North towards BBLF (5kg)</i></p>
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Figure 3: Extent of the second spill heading North towards BBLF (1kg)



Figure 4: Extent of the third spill heading North towards BBLF (1kg)



Figure 3: Extent of the fourth spill heading North towards BBLF (<1kg)



Figure 4: Extent of the fifth spill heading North towards BBLF (2kg)

(e) the attempts made to prevent, reduce, control, rectify or clean up the pollution or resultant environmental harm caused or threatening to be caused by the incident

Clean-up Works

A pressure hose and vacuum truck was used to collect the concentrate from the road and roadside at the incident locations. A grader was used to collect all potentially contaminated material on the roadsides.

All concentrate and removed material was appropriately disposed of at the Tailings Storage Facility.



Figure 5: Removal of concentrate by a pressure hose and a vacuum truck.



Figure 6: Grading of potentially contaminated material from the roadside.

	<p>Potential for Environmental Harm</p> <p>The risk of environmental harm from this incident is considered low, because:</p> <ul style="list-style-type: none"> • The extent of the concentrate loss was limited to the bitumen road and roadside and did not enter any waterways. • No sensitive receptors were impacted as a result of the incident or subsequent remediation works. <p>Validation of Clean-up</p> <p>On 14 and 15 January 2025, four soil samples were collected from each of the incident locations in accordance with Australian Standard 4482.1-2005: Guide to the investigation and sampling of sites with potentially contaminated soil to validate the clean-up. A further four control samples were collected from reference sites > 50 metres (m) from each of the incident locations.</p> <p>All samples have been analysed for relevant contaminants of concern (i.e. zinc and lead). Results were compared to the relevant National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPM, 1999) area specific Ecological Investigation Levels (EILs) to determine whether the remaining soil was suitable for the current land-use.</p> <p>The results indicated that the mean concentrations for lead and zinc for all remediated areas were below the EILs, verifying the success of remediation and the low residual risk of environmental harm across all spill locations.</p> <p>Prevention</p> <p>Internal investigations are underway to determine the causal and contributing factors that led to the incident.</p>
(f) the identity of the person notifying the NT EPA	Lana Treasure – Health, Safety and Environment Manager