



## New South Wales EPA Pollution Incident Response Plan

### Key Contacts

Agency	Position	Contact Number
NSW EPA	EPA	131 555
NSW Fire Brigade	Emergency Response	000
NSW Workcover	Injury Reporting	13 10 50
Broken Hill Council	Stakeholder	08 8080 3300
CBH Operations	Emergency Service Officer	08 8088 9113
Tronox Operations	Operations Manager	0418 478 056
ARTC	Network Control	08 8152 5938
Bowmans Rail	Operations Manager	0407 226 294

### Action to be taken

In the event of an environmental incident in New South Wales, staff are to refer to the above Emergency Response Plan.

- Staff are to operate under instruction from the relevant infrastructure holder and assist as far as possible in facilitating the infrastructure holder's emergency response plan.
- All relevant information to assist in containment and recovery is to be provided.

### Description of Potential Hazards

Hazard	Potential Causes	Likelihood
Diesel Fuel Spill	Machine strike to locomotive in terminal	Unlikely. Machines and locomotives separated by operation plan. Machines and locomotives do not operate at same time.
Diesel Fuel Spill	Derailment	Unlikely. Locomotives and wagons maintained to standard through preventative maintenance. Track maintained to ARTC standards.
Zinc concentrate spill	Derailment	Unlikely. Locomotives and wagons maintained to



		standard through preventative maintenance. Track maintained to ARTC standards.
Lead concentrate spill	Derailment	Unlikely. Locomotives and wagons maintained to standard through preventative maintenance. Track maintained to ARTC standards.
Mineral Sands Spill	Derailment	Unlikely. Locomotives and wagons maintained to standard through preventative maintenance. Track maintained to ARTC standards.

### Pre-emptive Actions

Hazard	Existing Actions
Diesel Fuel	Contained solely within Locomotive. Fuel tank double walled. No refuelling operations occur in NSW.
Coolant	Contained entirely within Locomotive. Sump provided for potential leaks.
Mineral Sands	Mineral sands transported in containers with secure lids.
Zinc concentrate	Zinc concentrate transported in containers with secure lids.
Lead concentrate	Lead concentrate transported in containers with secure lids.

### Pollutant Inventory

Product	Maximum Volume	Location
Diesel Fuel	16,000 litres	Contained solely within two locomotives fuel tanks.
Coolant	1,800 litres	Contained entirely within two locomotives. .



Engine oil	1,400 litres	Contained entirely within two locomotives engines.
Zinc concentrate	1350 tonne	In transit in export containers fitted with secure lids.
Lead concentrate	1350 tonne	In transit in export containers fitted with secure lids.
Mineral Sands, (customer product).	3,800 tonne.	In transit in export containers fitted with secure lids.

No fuelling or provisioning of oil and coolant occur on site in New South Wales.

## Safety Equipment

For spills within Tronox facility at Broken Hill, use of Tronox spill kits and containment methods will be used.

For spills within CBH facility at Broken Hill, use of CBH spill kits and containment methods will be used.

For spills and incidents on the ARTC interstate network, ARTC emergency response plan will be followed.

## Communication with Neighbours and the Community

Bowmans Rail does not own or lease any land within New South Wales. In the event of an environmental incident Bowmans Rail will adhere to the incident communications of Tronox Pty Ltd, CBH or ARTC.

## Harm Minimisation to Personnel

Bowmans Rail does not own or lease any land within New South Wales. In the event of an environmental incident Bowmans Rail will adhere to the Emergency Response Plans of Tronox Pty Ltd, CBH or ARTC.

## Staff Training

Bowmans Rail staff are qualified in TLIF 4110, Respond to Abnormal Situations and Emergencies When driving a Train. This competency is re-assessed bi-annually.

Any changes to emergency response requirements are tool boxed to staff as required.

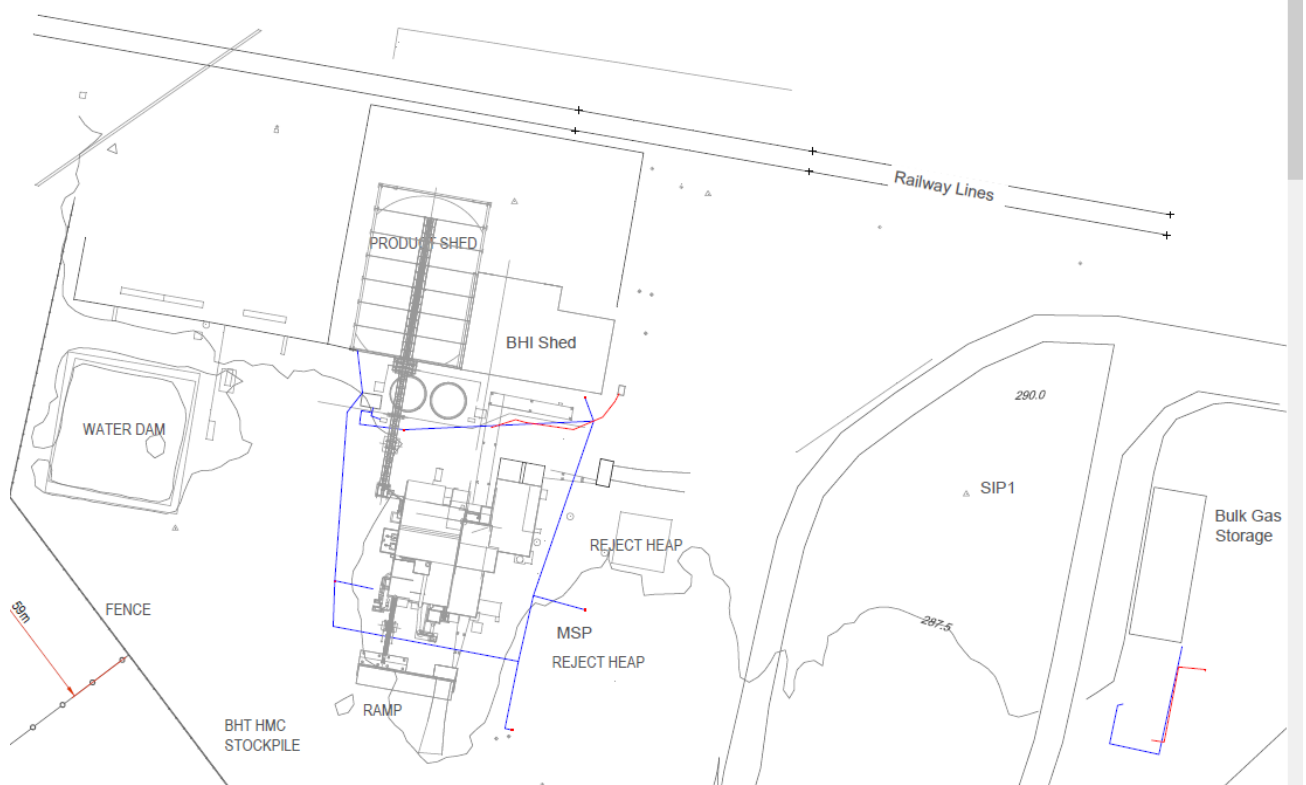
## Review of This Plan

This pollution Incident Response Plan is to be reviewed annually.



Review Date	Reviewer	Outcome
12.10.20	D Martin, T Bowden	Approved as sufficient
11.10.21	D Martin	Approved as sufficient
06.10.22	D Martin	Approved as sufficient
30.03.23	D Martin	CBH operation added

### Tronox Facility Map



## ARTC Network

