

Boral Building Products

Pollution Incident Response Management Plan

Boral Roof Tiles - Wyee
Bushells Ridge NSW 2259
Lot 168 DP 705480

EPL 2702

Date 07/12/18

Main Site Map



Local Authority
Central Coast Council

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Overview

Boral Roofing manufactures Terracotta roof tiles and accessories in its factory at Tooheys Road East, Bushells Ridge/Wyee, NSW. The factory has an annual output of between 10 million and 17 million roof tiles depending on demand.

There are six major processing steps in the manufacturing of terracotta tiles;

1. Winning or mining the clay
2. Clay preparation (wet preparation)
3. De-airing and extruding
4. Pressing the clay
5. Drying and Glazing
6. Firing

The clay used for clay tiles tends to be more plastic than that used in brick manufacture as roof tiles are thinner and more complex in shape.

The clay is mined on site from a leased clay pit and once dug out of the clay pit is moved to a storage area near the clay grinding shed. The stockpile is normally made large enough to supply the plant for up to six months at a time thus reducing the amount of time spent in the clay pit and thereby reducing the possibility of dust off site during mining operations.

Once the pressed tiles have been automatically trimmed, they are placed on metal drying trays and enter the Dryer for 40 hours. From the Dryer, the tiles are unloaded onto conveyors which transport them through the ceramic glazing lines. The tiles are then stacked into cassettes to minimize distortion during the firing process.

The tiles are then fired for up to 24 hours where the ceramic glaze softens and vitrifies onto the surface of the tile. From the kiln, the tiles are automatically removed from the cassettes onto an inspection line where they are inspected for any deformities. No curing time is required when tiles reach the yard. They are ready for use immediately.

A wide range of ridges and accessories are also produced at the plant. Machine-made shapes such as the standard ridge, barge capping, steep pitch ridges, starters and apex along with specials such as 4-way apex, spoons and vent bottoms are hand-made.

Neighbours

- Wallarah Coal -Kerry Haywood (02) 4352 7500)
- Friends of Spring Creek Action Group - liaison through Central Coast Council 1300 463 954

Responsibilities

Andrew Willoughby – Plant Manager ph 02 4399 8613 or +61 401 895 104

Rod Wallace – HSEQ Environmental Manager NSW ph 0411 659 271

Ian Owen – HSEQ Advisor ph 0401897305

Training

All staff must be inducted onto site.

Visitors onto site must be accompanied by an inducted person/employee

All staff must be trained in Emergency Spill Response

All staff must be trained in Emergency Response Procedures

All relevant staff must be trained in the safe use of Dangerous Goods and Hazardous Substances including appropriate PPE

Testing of the Plan

The Plant Manager is responsible for implementing, reviewing, testing and updating the Plan.

The Plan will be tested within one month of an environmental incident or annually if no incidents occur within that time period.

A documented drill will be carried out listing what the proposed emergency was, how staff reacted to the emergency, what actions were carried out, what lessons were learnt, what subsequent actions were entered into SiteSafe.

Incidents

Following an environmental incident resulting in Material Harm, the five authorities who must be notified immediately are;

- EPA – Environment Line 131 555
- Ministry of Health via Public Health Unit Ph: 02 4924 6477
Ph: 02 4320 2111 (Gosford Hospital) – (ask for Public Health Nurse on call)
- WorkCover 131 050
- Fire and Rescue NSW - ph 1300 729 579
- Central Coast Council - 1300 463 954

A written report will be submitted to the relevant authorities within seven days following a notifiable incident.

Definition – Material Harm

Harm to the environment is material if:

- It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
- It results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations) and
- Loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.

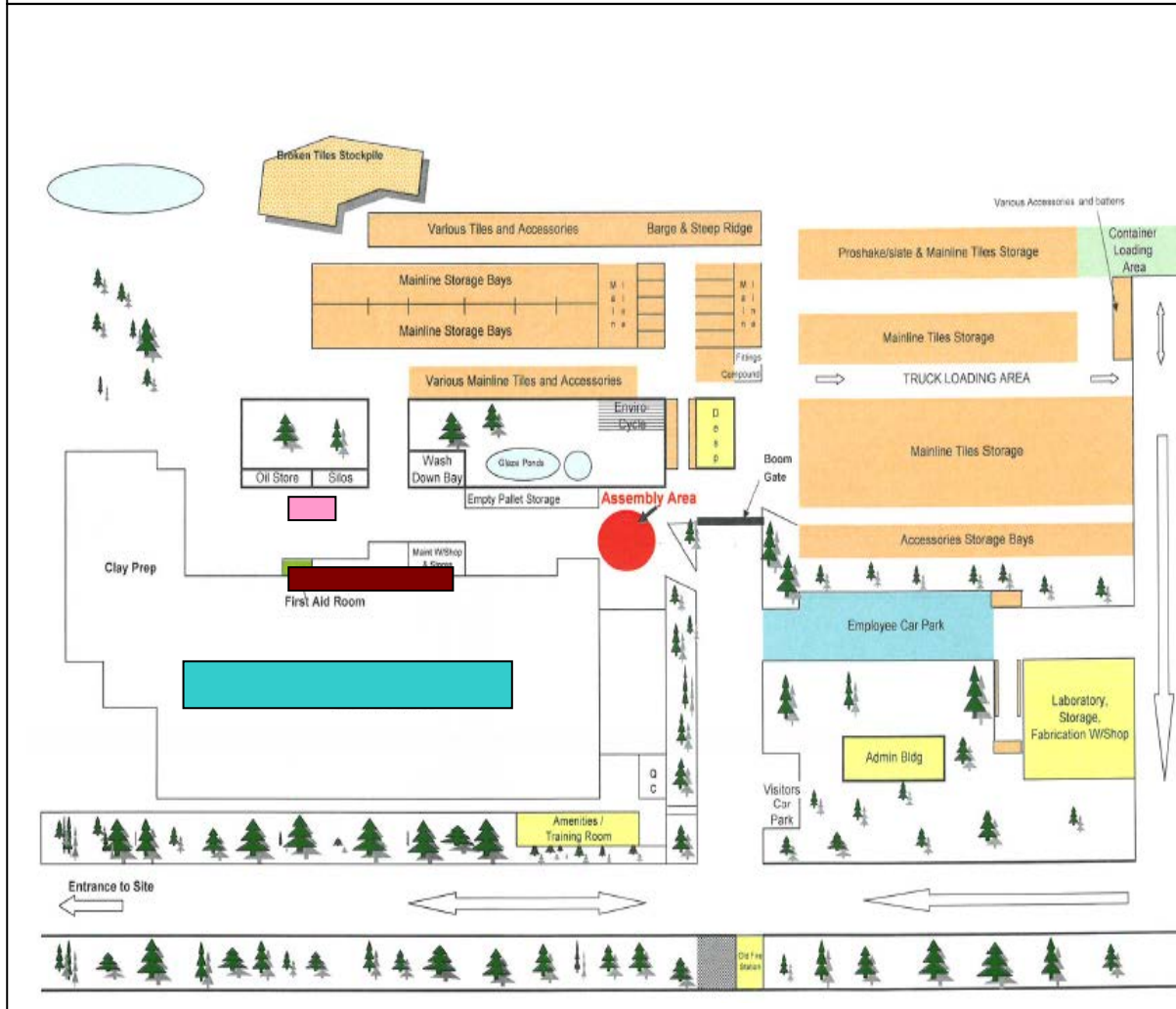
The Plan

This plan will be kept on site and also within the company's database.

The whole plan will be available to an authorized officer on request and to any person responsible for implementing the plan.

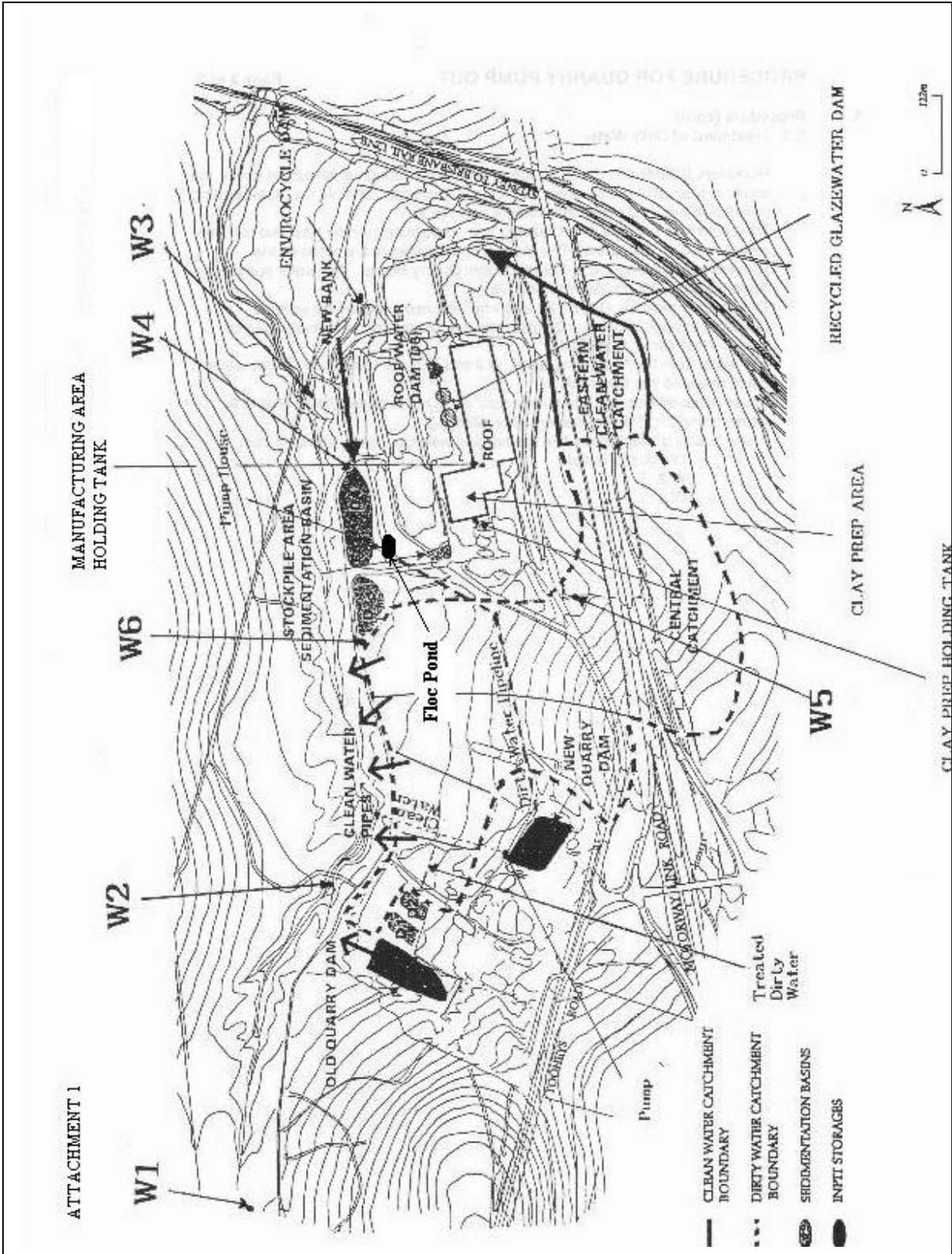
The plan, excluding any personal information will be publicly available to any person who makes a written request for it.

Wyee main building site plan



- Glazeline
- Dieshop
- Kiln

Wyee – Water Storage Map



PIRMP Site Assessment Sheet

LIST OF POLLUTING SUBSTANCE STORAGES/USES AT SITE INITIAL ASSESSMENT (all Chemicals listed in this sheet are to be subjected to a risk assessment)						
Site Name Boral Roof Tiles - Wyee					Responsible person Andrew Willoughby	Date 7/12/18
Name / description	Covered under Haz Chemicals?	Amount stored	Location of storage	Map reference	Current Controls	Ref to PIRMP action response plan
CHEMICALS (raw materials and products which can cause pollution)						
10550 Brown	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
ABG series Engobe ABG2234CB Antique Bronze	No	2000kg	Glazeline / R&D Building	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2237CB Wild Choc	No	2000kg	Glazeline / R&D Building	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2238CB Ghost Gum	No	4000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2239CB Jaffa Red	No	2000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the	ATW

					water is recycled through the process ATW	
ABG series Engobe ABG2302CB Barley Stone	No	2000kg	Glazeline / R&D Building	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2316CB Feldspa	No	2000kg	Glazeline / R&D Building	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2354CB Proshake Green	No	4000kg	Glazeline / R&D Building	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2355CB Proshake Gray	No	1000kg	Glazeline / R&D Building	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
ABG series Engobe ABG2795CB Siena Red	No	2000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
AGS2015 – Buff	No	2kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Antiprex A Wy 250kg PB200R	No	500kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then	ATW

					into the glazeline dam from which the water is recycled through the process	
Ball Clay	Yes	12000kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Bayferrox 130B red CAS 1309 – 37-1	No	1000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Bayferrox 303T Black Oxide	No	3000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Bentonite Trubond Sibelco	Yes	5000kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
CAS 11134 - Peach	Yes	500kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
CAS 13108B	Yes	200kg	R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CAS 14126 Green	Yes	500kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then	ATW

					into the glazeline dam from which the water is recycled through the process	
CAS 15173 - Blue	Yes	500kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Caustic Soda	Yes	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CB9710 – Black	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Cenospheres SG	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Clay Cream (Sibelco Clay Group 2)	Yes	12000kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
CMC CR 1500 P2 (Tylose)	No	500kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Spill trays / Spill kits Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Complex Inorganic Colour Pigment V775	No	1kg	R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Complex Inorganic Pigment CJ3373	No	1kg	R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1701 - Black	No	200kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW

CT 1708 – Black	No	200kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
CT 1801 Sepia	No	50kg	Glazeline / Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
CT 1108 – Coral	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1301 – Yellow	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1400 - Green	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1401 – Blue/Green	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1502 - Blue	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1503 - Blue	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1597 - Turquoise	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1700 – Black	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1772 – Black	Yes	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
CT 1800 – Red Brown	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Cullet – Glass 75UM	No	12000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the	ATW

					water is recycled through the process	
Dfat 1378	No	20000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
E-spheres	No	5kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
KEN141P Crimson Blaze	Yes	2000kg	Glazeline / R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
KEN606P Evergreen	Yes	2000kg	Glazeline / R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
KEN707P Savanna	Yes	3000kg	Glazeline / R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
KEN909P Mineral	Yes	3000kg	Glazeline / R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
KMG 1015P	Yes	10000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the	ATW

					water is recycled through the process	
KMG 232P	Yes	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
KMG 282P	No	2000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
KMP 4187	No	2kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Magnesite M65 CAS 13717-00-5	No	2000kg	Glazeline/Lab/ R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Manganese Dioxide Cas 1313-13-9	Yes	5000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Nepheline Syenite A270	No	6000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Titanium Dioxide	No	1000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Trial Metallic Glaze 11009/1/9	No	1kg	R&D	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
V-12600 Camo	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections /	ATW

Green					Induction / PPE	
V-13810 High IR Red	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
V-9250 Bright Blue	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
V-9415 Yellow	No	1kg	Lab	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Zircosil	Yes	2000kg	Glazeline	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE Glazeline is located in a "basin" type area which feeds down to a sump and then into the glazeline dam from which the water is recycled through the process	ATW
Ceraplast hard	Yes	5500kg	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Eposolve 70 (20L)	Yes	20L	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Pinearoma	No	20L	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Pottery Plaster	No	200kg	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Release Agent QZ5111	Yes	2kg	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
REN CW2418 Resin (5kg)	Yes	30kg	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
REN HY 5160 Hardener (2kg)	Yes	6kg	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
REN HY 5162 Hardener (2kg)	Yes	2kg	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Superclene Citrus Degreaser Cleaner	Yes	20L	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
White Oil Pharma 68	No	20L	Dieshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Aluminium Silicate	No	71000 Cassettes	Kiln	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Burtec ZSA	No	Included	Kiln	Main Building Site Plan	Hazard ID / Weekly inspections /	ATW

		above			Induction / PPE	
Demon:35AW	No	20 kg	Kiln	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Hanlite 1200	No	40 kg	Kiln	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Kaowool Blanket	No	6 rolls	Kiln	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Super 3000	No	40 kg	Kiln	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Chemset Injection Red 502	Yes	400g	Workshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Zincprep primer 358	Yes	1 ltr	Workshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
Almasol 1250 High Temp Grease	Yes	10kg	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE. Oil shed is bunded	ATW
Almaplex 1275 grease	No	8kg	Oil Shed	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE. Oil shed is bunded	ATW
Auto Transmission Fluid 111	No	205L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
DELO 400	No	205L	Oil Shed	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Envirosolutions Floor Sweep	No	200kg	Workshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
EP Grease C2	No	40kg	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE. Oil shed is bunded	ATW
Havoline 20w 50w	No	20L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE. Oil shed is bunded	ATW
Kerosene	Yes	205L	Oil Shed	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
LE 9901	No	10kg	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE. Oil shed is bunded	ATW

LIPLEX EP2	No	40kg	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE. Oil shed is bunded	ATW
Meropa 150	No	205L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Meropa 220	No	205L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Meropa 460	No	205L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Meropa 680	No	205L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Rando HD 46	No	205L	Oil Shed	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Rando HD 68	No	205L	Oil Shed	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Regal R&O 32	No	410L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
RPM Borate EP Lubricant 150	No	20L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Volvo Coolant (concentrate)	Yes	20L	Oil Shed & Plant Machinery	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
WD40 Bulk	Yes	20L	Oil Shed	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE / Bunded area / Spill kits / Training	ATW
Yield	No	6kg	Workshop	Main Building Site Plan	Hazard ID / Weekly inspections / Induction / PPE	ATW
						ATW
MATERIALS (e.g. stockpiles, silos, bulk solids etc)						

Terracotta roof tiles and accessories	No	6 million	Site	Main Building Site Plan	Stored on hard stand on open ground / stocktake / Hazard ID	ATW
Manganese Umber	Yes	50000kg	Silo	Main Building Site Plan	Bulk silo storage / MEX / Hazard ID / Weekly inspections Bunded area	ATW
Cullet Bulk – Glass 140UM	No	100T	Silo	Main Building Site Plan	Bulk silo storage / MEX / Hazard ID / Weekly inspections Bunded area	ATW
						ATW
AQUEOUS (e.g. dams, wastewater tanks, other water storage area)						
Quarry Dam - Old	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
Quarry Dam - New	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
Envirocycle Dam	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
2@ envirocycle tanks	No	Unknown		Water Storage Map	In ground concrete tanks / Hazard ID / Weekly inspections	ATW
Flocculent Pond	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
2@ Glaze Ponds	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
Roofwater Storage Dam	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
Wash out Settling Pit	No	1000L		Water Storage Map	Concrete storage pit / Hazard ID / Weekly inspections	ATW
Clay Prep Holding Tank	No	5000L		Water Storage Map	Concrete tank / Hazard ID / Weekly inspections	ATW
Manufacturing Area Holding Tank	No	5000L		Water Storage Map	Concrete tank / Hazard ID / Weekly inspections	ATW
D3 Stockpile sedimentation dam	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly inspections	ATW
D4 Stockpile	No	Unknown		Water Storage Map	Open dam / Hazard ID / Weekly	ATW

sedimentation dam					inspections	
SUBSTANCES IN PROCESSES (substances which could be emitted from operational process i.e. treatment plants, vehicles etc)						
						ATW
Diesel / Oils	Yes	Unknown	FEL / Excavator / Light vehicles	Mining Campaign	Localized within Quarry area / Management plan	ATW
Diesel / Oils	Yes	Unknown	FEL	Clay Prep Area	Localized with clay prep area / Management plan	ATW
Diesel	Yes	5410L	Oil Shed & Plant Machinery, Outside Tank	Main Building Site Plan	Storage tank in bunded area / Hazard ID / Weekly inspections Bunded area	ATW
Diesel	Yes	Unknown	Customer trucks and deliveries	Despatch	Localized within Despatch / Spill kits / induction / hazard id	ATW
Petrol / oils	Yes	Unknown	Staff Cars	Car parks	Localized within car parks / Spill kits / induction / hazard id	ATW
Dust from mining campaign	No	Unknown	FEL / Excavator / Light vehicles	Mining Campaign	Localized within Quarry area / Management plan including mobile water sprayers when campaign is in operation	ATW
Emissions from mining campaign	Yes	Unknown	FEL / Excavator / Light vehicles	Mining Campaign	Localized within Quarry area / Management plan	ATW
Discharge from kiln scrubber stack	Yes		kiln scrubber stack	Manufacturing	Scheduled monitoring / regular servicing of filter system	ATW

IMPACT ON NEIGHBOURS ASSESSMENT – EARLY WARNINGS

<i>Site Name</i> Boral Roof Tiles – Wyee NSW				<i>Responsible person</i> Andrew Willoughby		<i>Date</i> 7/12/18
Incident type/description	External Release (air, waterway etc)	Neighbours impacted/extent of impact	Communication methods Early warnings	Actions and other control measures (e.g. posting on website, community group meetings)		
Mining Campaign (Dust / emissions)	Air	Yes	Phone			
Discharge from kiln scrubber stack / failure	Air	Yes	Phone			

of filtering system				
Major Flooding or Rain event	Waterway	Yes	Phone	

RISK ASSESSMENT MATRIX

		Likelihood of environmental harm occurring		
		Certain	Likely	Less likely
Level of potential environmental impact	High	Code red	Code red	Code orange
	Moderate	Code red	Code orange	Code yellow
	Low	Code orange	Code yellow	Code yellow

Hazard and Likelihood Risk Assessment and Corrective Control Measures

BBP Site Boral Roof Tiles – Wyee NSW				Responsible Person Andrew Willoughby			Review Date 7/12/19		
Name / ref of pollutant/ chemicals	Description of Hazard / Incident leading to hazard	Level of impact	Likely hood	Risk	Impact on neighbours ¹	Control Measures Corrective Action Coverage under other Plans	Responsible person	Action date	
Ball Clay	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits	ATW		

¹ If the incident may impact on neighbours then it will need to trigger the early warnings assessment and actions

						Clean area and dispose of waste		
Bentonite Trubond Sibelco	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
CAS 11134 - Peach	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
CAS 13108B	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
CAS 14126 Green	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
CAS 15173 - Blue	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Caustic Soda	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Clay Cream (Sibelco Clay Group 2)	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits	ATW	

						Clean area and dispose of waste		
KEN141P Crimson Blaze	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
KEN606P Evergreen	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
KEN707P Savanna	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
KEN909P Mineral	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
KMG 1015P	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
KMG 232P	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Manganese Dioxide Cas 1313-13-9	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits	ATW	

						Clean area and dispose of waste		
Zircosil	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Ceraplast hard	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Eposolve 70 (20L)	Broken container leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Release Agent QZ5111	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
REN CW2418 Resin (5kg)	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
REN HY 5160 Hardener (2kg)	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
REN HY 5162 Hardener (2kg)	Broken bags leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits	ATW	

						Clean area and dispose of waste		
Superclene Citrus Degreaser Cleaner	Broken container leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Chemset Injection Red 502	Broken container leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Almasol 1250 High Temp Grease	Broken container leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Kerosene	Broken drum	Moderate	Less likely		Nil	Hazard ID process Incident reporting process Induction Bunded area Spill kits Clean area and dispose of waste	ATW	
Volvo Coolant (concentrate)	Broken container leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
WD40 Bulk	Broken container leading to localised spill	Low	Likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Spill kits Clean area and dispose of waste	ATW	
Manganese Umber	Silo failure leads to escaped material	High	Less likely		Yes	Hazard ID process Incident reporting process MEX Servicing Schedule Induction / Training Clean area and dispose of waste	ATW	

						Emergency evacuation procedures		
Cullet Bulk – Glass 140UM	Silo failure leads to escaped material	Moderate	Less likely		Nil	Hazard ID process Incident reporting process Induction Contained in area Mex Servicing Schedule Clean area and dispose of waste	ATW	
Quarry Dam - Old	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
Quarry Dam - New	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
Envirocycle Dam	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
2@ envirocycle tanks	Broken tanks seeps into ground	Low	Less likely		Nil	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan Mex Servicing Schedule	ATW	
Flocculent Pond	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
2@ Glaze Ponds	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
Roofwater Storage Dam	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections	ATW	

						Water management plan		
Wash out Settling Pit	Pit failure / localised spill	Low	Less likely		Nil	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan Mex Servicing Schedule	ATW	
Clay Prep Holding Tank	Tank failure / localised spill	Low	Less likely		Nil	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan Mex Servicing Schedule	ATW	
Manufacturing Area Holding Tank	Tank failure / localised spill	Low	Less likely		Nil	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan Mex Servicing Schedule	ATW	
D3 Stockpile sedimentation dam	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
D4 Stockpile sedimentation dam	Overflow from dam gets in to waterways	Low	Less likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Water management plan	ATW	
Hydraulic Oil	Mobile plant hydraulic line failure	Low	Likely		Nil	Hazard ID process Incident reporting process Prestart checklists Contained within first flush pond catchment Service scheduling	ATW	
Hydraulic Oil	Customers / Trucks	Low	Likely		Nil	Hazard ID process Incident reporting process Contractor induction Prestart checklists Contained in area Spill kits Clean area and dispose of waste	ATW	

Diesel	Bulk Storage failure	Low	Less Likely		Nil	Hazard ID process Incident reporting process MEX schedule Bunded area Spill kits Clean area and dispose of waste	ATW	
Diesel	Customers / Trucks	Low	Likely		Nil	Hazard ID process Incident reporting process Contractor induction Prestart checklists Contained in area Spill kits Clean area and dispose of waste	ATW	
Fluoride / nitrogen oxides / sulphur dioxide / sulphur trioxide	Discharge from kiln scrubber stack	Moderate	Less Likely		Yes	Hazard ID process Incident reporting process Induction Weekly Inspections Mex servicing Schedule Emissions monitoring	ATW	
Petrol / oils	Cars / leaks	Low	Less Likely		Nil	Hazard ID process Incident reporting process Contractor induction Servicing Contained in area Spill kits High visual area Clean area and dispose of waste	ATW	

Action Rest Records

Plans Test Date: 01/08/13	Action Tested: Incident No 3.	Comments:
Plans Test Date: 31/01/14	Action Tested: Diesel spill	
Plans Test Date: 12/10/15	Action Tested: Oil spill after heavy rain incident #3	
Plans Test Date: 25/10/2016	Action Tested: Incident No 2. Failure of Manganese silo.	
Plans Test Date: 24/10/2017	Action Tested: Incident No 6 – Spillage on roadway.	
Plans Test Date: 6/12/18	Action Tested: Incident No 7 Lowering of Glaze dams MD 3&4 after a Significant rainfall event	
Plans Test Date:		
Plans Test Date:		

PIRMP RESPONSE ACTIONS

Incident No 1	<p>Catastrophic failure of diesel tank.</p> <p>Actions Required:</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure bunds are capturing full volume of diesel • Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact service provider (Caltex No. 1800033111 or Transpacific 02 96007185) to pump-out bund contents • Area to be restricted to Incident Response Personnel • Ensure spill kit available for any release from bund • If any release from bund onto unsealed soil / river - Environmental Consultants to be engaged to investigate and remediate contamination. • Repair/replace tanks • Refuel tanks • Inspect bund for ongoing serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Andrew Willoughby – ph 02 4399 8613 or 401 895 104 (Reporting to Rod Wallace 0411 659 271) • Call service provider (Andrew Willoughby) • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site and bund (Team Leader)
Scale of incident	Potential for bund overflow or failure may result in soil and river contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Andrew Willoughby ph 0401 895 104 • Rod Wallace 0411 659 271 • Ian Owen 0401897305 <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Investigation GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management • Emergency Planning and Response GRP-HSEQ-2-09 Emergency Response

Incident No 2	Catastrophic failure of Manganese Umber Silo Actions Required: <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure spill is contained within area • Area to be restricted to Incident Response Personnel • If any release from area into storm water drains / river - Environmental Consultants to be engaged to investigate and remediate contamination. • Repair/replace tanks
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Andrew Willoughby – ph 02 4399 8613 or 401 895 104 (Reporting to Rod Wallace 0411 659 271) • Periodic inspections and update reporting of site and area (Team Leader) • Call service provider (Andrew Willoughby)
Scale of incident	Potential for silo failure may result in soil / river contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal: <ul style="list-style-type: none"> • Andrew Willoughby ph 0401 895 104 • Rod Wallace 0411 659 271 • Ian Owen 0401897305 • • External mandatory: <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider / site to dispose of Manganese Umber and advise on required clean-up.
Reporting and re-preparedness	See SOPs: <ul style="list-style-type: none"> • Incident Investigation GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management • Emergency Planning and Response GRP-HSEQ-2-09 Emergency Response

Incident No 3	<p>Major flooding or rain event leads to overflow entering the waterways</p> <p>Actions Required:</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Incident Response Personnel • If any release from area into storm water drains / river - Environmental Consultants to be engaged to investigate and remediate contamination.
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Andrew Willoughby – ph 02 4399 8613 or 401 895 104 (Reporting to Rod Wallace) 0411 659 271 • Periodic inspections and update reporting of area (Team Leader)
Scale of incident	Potential for dam / pond overflow may result in creek contamination that will require specialist investigation/remediation.
Evacuate	Only if there is potential for safety concerns of employees. Plant Manager and any advice provided by emergency services as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Andrew Willoughby ph 0401 895 104 • Rod Wallace 0411 659 271 • Ian Owen 0401897305 • <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Plant manager / emergency services advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Investigation GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management • Emergency Planning and Response GRP-HSEQ-2-09 Emergency Response

Incident No 4	Mining Campaign - dust and emissions impact on external sources Actions required: <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Contact service provider to inform them of the concern • Area to be restricted to Incident Response Personnel • Ensure current procedures are being enforced • Increase water cart spraying if required
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Andrew Willoughby – ph 02 4399 8613 or 401 895 104 (Reporting to Rod Wallace) 0411 659 271 • Call mining contractors (Andrew Willoughby) • Periodic inspections and update reporting of site and bund (Andrew Willoughby)
Scale of incident	Potential for emissions /dust may result in contamination to neighboring properties that will require specialist investigation/remediation.
Evacuate	NA.
Communications	Internal: <ul style="list-style-type: none"> • Andrew Willoughby ph 0401 895 104 • Rod Wallace 0411 659 271 • Ian Owen 0401897305 • • External mandatory: <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used
Rescuer / respondent + safety checks	As per Site Emergency Plan or Emergency if required
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting if required
Clean up and Waste disposal	Service Provider to remediate and advise on required clean-up.
Reporting and re-preparedness	See SOPs: <ul style="list-style-type: none"> • Incident Investigation GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management • Emergency Planning and Response GRP-HSEQ-2-09 Emergency Response

Incident No 5	Catastrophic failure of filtering system on Kiln scrubber Actions Required: <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Incident Response Personnel • Repair/replace filtering system
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Andrew Willoughby – ph 02 4399 8613 or 401 895 104 (Reporting to Rod Wallace) 0411 659 271 • Call service provider (Andrew Willoughby) • Periodic inspections and update reporting of site (Team Leader)
Scale of incident	Potential for filtering system failure may result in air contamination that will require specialist investigation/remediation.
Evacuate	Only if safety concerns for employees exists. Plant Manager and any advice provided by EPA / emergency services as part of attendance after immediate notification.
Communications	Internal: <ul style="list-style-type: none"> • Andrew Willoughby ph 0401 895 104 • Rod Wallace 0411 659 271 • Ian Owen 0401897305 • External mandatory: <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used
Rescuer / respondent + safety checks	As per Site Emergency Plan or emergency services as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or emergency services as part of Immediate Reporting
Clean up and Waste disposal	Service Provider / EPA to advise on required clean-up.
Reporting and re-preparedness	See SOPs: <ul style="list-style-type: none"> • Incident Investigation GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management • Emergency Planning and Response GRP-HSEQ-2-09 Emergency Response

Incident No 6	<p>Spillage onsite that could enter waterways</p> <p>Actions Required:</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Incident Response Personnel • If any release from area into storm water drains / river - Environmental Consultants to be engaged to investigate and remediate contamination. • Ensure spill kit available for appropriate clean-up of materials. • Ensure all drains etc are blocked with appropriate barriers and that no contamination has entered drain system otherwise contact Environmental consultants. • Clean up spillage as per site “Spill Management” procedures.
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Andrew Willoughby – ph 02 4399 8613 or 401 895 104 (Reporting to Rod Wallace) 0411 659 271 • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site and bund (Team Leader)
Scale of incident	Potential for creek contamination that will require specialist investigation/remediation.
Evacuate	Only if safety concerns for employees exists. Plant Manager and any advice provided by EPA / emergency services as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Andrew Willoughby ph 0401 895 104 • Rod Wallace 0411 659 271 • Ian Owen 0401897305 • <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used
Rescuer / respondent + safety checks	As per Site Emergency Plan or emergency services as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or emergency services as part of Immediate Reporting
Clean up and Waste disposal	Service Provider / EPA to advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Investigation GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management • Emergency Planning and Response GRP-HSEQ-2-09 Emergency Response

