



## POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

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## 1. Introduction

PF Formation Pty Ltd has prepared this Pollution Incident Response Management Plan (the plan) in order to comply with the requirements of the *Protection of the Environment Operations Act 1997* (PEO Act) and *Protection of the Environment Operations (General) Regulation 2009* (PEO Regulation). This plan covers all of PF Formation Pty Ltd operating sites and quarries which require Environment Protection Licences in the Maroota area as shown in attached Figure 1. The plan is also related to PF Formation Pty Ltd Safety Management System 2018.

The objectives of this plan are to:

- Ensure comprehensive and timely communication about a pollution incident to staff at the premises, the Environment Protection Authority (EPA) and other relevant authorities specified in the PEO Act.
- Ensure comprehensive and timely communication about a pollution incident to people outside the site or quarry who may be affected or potentially affected by the impacts of pollution.
- Minimise and control the risk of a pollution incident at the site or quarry through the identification of risks and the development of planned actions to minimise and manage those risks.
- Ensure that the plan is properly implemented by trained staff, identifying staff responsible for implementing it, and ensuring that the plan is regularly tested for accuracy, currency and suitability.

## 2. Legislative Requirements

The duty to prepare and implement the plan is set out in Part 5.7A of the PEO Act and together with Part 3A of the PEO Regulation require the following in summary.

- All holders of environment protection licences must prepare a plan.
- The plan must include the information and matters as required by the PEO Act and PEO Regulation which are provided in the plan below.
- Licensees must keep the plan at the premises to which the Environment Protection Licence relates to.
- Licensees must test the plan in accordance with the PEO Regulation.

### 2.1. Definition of Pollution Incident

As defined in the PEO Act a *pollution incident* means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

### 2.2. Notification of a Pollution Incident

A pollution incident is required to be notified if there is a risk of 'material harm to the environment', which is defined in Section 147 of the PEO Act as:

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1 (a) Harm to the environment is material if:

- (i) it involves actual or potential harm to the health and safety of human beings or to ecosystems that is not trivial, or
- (ii) 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

1 (b) 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.

(2) For the purposes of this Part, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs.

### 3. Description and Likelihood of Hazards

Part 3A of the POE Regulation requires a description of the hazards to human health or the environment associated with PF Formation Pty Ltd sites and quarry operations and the likelihood of any such hazards occurring.

#### 3.1. Description of Hazards

The following hazards to human health or the environment have been identified by PF Formation Pty Ltd management.

- 1 Fire or bushfire occurring on-site.
- 2 Fuel spillage.
- 3 Degradation of air quality.
- 4 Oil spillage.
- 5 Chemical spillage.
- 6 Contaminated water run-off.
- 7 Soil erosion and sediment run-off.
- 8 Silt ponds rupturing.
- 9 Uncontrolled release of gas.
- 10 Groundwater contamination.
- 11 Landslip and land instability.

Most of these hazards are likely to be contained within the immediate surrounding area and within individual sites and quarries. There are no formal stormwater drains located on any of the premises.

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### 3.2. Likelihood of Identified Hazards Occurring On-site

Hazard	Likelihood	Reason
1. Fire or bushfire	Likely	The sites and quarries are situated in bushfire prone areas and have been subject to bushfires in the past. Electrical services located on the sites and quarries also increase the risk of fire.
2. Fuel spillage	Likely	There are fixed location and portable fuel storage tanks complying with AS 1940:2017 situated on the sites and within quarries. Each working day large amounts of diesel fuel are transferred from the storage tanks into plant and equipment and fuel is also carted around the sites and quarries in mobile fuel tanks.
3. Degradation of air quality	Likely	The use of unsealed haul roads by quarry vehicles increases the risk of dust being produced and causing the degradation of air quality. The potential for dust generation is also increased by the removal of vegetation and ground cover as part of the quarrying operations.
4. Oil spillage	Likely	The most likely cause of an oil spillage occurring on sites and within quarries would be from a hose or a fitting failing on a machine. It is unlikely that an oil spill would occur as a result of a storage tank leaking.
5. Chemical spillage	Unlikely	Only small amounts of hazardous chemicals are stored on-site at Lot 198 DP 752025 (1774 Wisemans Ferry Road, Maroota).
6. Contaminated water run-off	Unlikely	All sites have approved on-site sewage management systems for use by the work force. There is also potential for contamination of water run-off as a result of a diesel fuel, chemical or oil spill.
7. Soil erosion and sediment run-off	Unlikely	All sites have approved soil management, erosion and sediment control plans. Best practice guidelines are implemented including the general principles of soil and water management in <i>Managing Urban Stormwater: Soils and Construction</i> (NSW Government, 2004). All disturbed areas are contained within an inward draining system with large catchment capacity.
8. Silt ponds rupturing	Unlikely	Silt ponds are well constructed and allowed to settle out before capping is undertaken.
9. Uncontrolled release of gas	Unlikely	Only small amounts of gas are kept on-site at Lot 198 DP 752025.

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Hazard	Likelihood	Reason
10. Groundwater contamination	Unlikely	Appropriate management systems are in place. All quarries have approved surface and groundwater management plans or strategies.
11. Landslip and land instability	Unlikely	There are minor risks of landslip within the steep working faces of quarries and land instability associated with haul roads within the quarries.

### 4. Pre-emptive Actions to be Undertaken

The PF Formation Pty Ltd Safety Booklet is explained to all staff upon employment. It contains the company's health and safety policies, procedures and first aid directions. Safety booklets are issued to all staff upon employment.

#### 1) Fire or bushfire

- Fire extinguishers are fitted to all plant and equipment and strategically placed at certain locations around the site.
- Personnel are trained on the use of fire extinguishers.
- Fire extinguishers are regularly inspected by a professional contactor.
- Site water carts are fitted with fire fighting pumps and equipped with firefighting equipment such as hoses and firefighting nozzles.
- Personnel are trained on the use of fire fighting pumps.
- Procedure to be undertaken in the event of a fire or bushfire is documented in the PF Formation Pty Ltd Safety Booklet.
- Plant and equipment are inspected regularly for potential fire hazards.
- Vegetation around electrical services is removed periodically to reduce fire hazards caused by electricity.
- PF Formation Pty Ltd's Safety Management System contains a Fire and Explosion Management Plan which includes a risk assessment of potential fire hazards and documents procedures which are to be undertaken in the event of a fire.

#### 2) Fuel spillage

- Fuel containment vessels are inspected regularly for any leaks and corrosion.
- Mobile fuel tanks are placed in impervious bunds or are self bunded.
- All fuel containment vessels are to comply with AS 1692 - 2006 and AS 1940 - 2017.
- Spill containment kits are located at various locations around the sites (see Figures 2 to 5) and personnel trained on correct procedure in the event of a spill.

#### 3) Degradation of air quality

- All haul roads and trafficked areas will be kept damp at all times to prevent the generation of dust.
- All staff are required to contact management immediately if smoke or dust is noticed.
- Air quality is monitored at five locations in Maroota and reported on in the relevant Annual Environmental Management Reviews and EPA Annual Returns.

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- Dust mitigation measures are addressed in the Hitchcock Road Sand Project Air Quality Monitoring Program, Pits 5 and 15 Environmental Management Plan and the Pit 4 Environmental Management Plan (Air Quality Management Plan).
- PF Formation Pty Ltd's Safety Management System contains a Dust and Airborne Contaminates Management Plan and includes personal dust monitoring of employees ensuring no one is exposed to unsafe levels of respirable or inhalable dusts.

### 4) **Oil spillage**

- Oil storage vessels are inspected regularly for leaks and corrosion.
- Spill containment kits are located at various locations around the sites (see Figures 2 to 5) and personnel are trained on the correct procedure in the event of a spill.
- Any oil leaks detected on machinery are reported to management immediately.
- Machines are inspected daily by staff for oil leaks.
- The cleaning of greasy or oily machinery or parts of machinery may only be undertaken in the approved wash down area located at Lot 198 DP 752025.

### 5) **Chemical spillage**

- Safety Data Sheets are kept at the weigh bridge located in Lot 198 DP 752025 for all hazardous chemicals and non-hazardous chemicals used.
- Spill containment kits are located at various locations around the sites and personnel trained on the correct procedure in the event of a spill.
- Hazardous chemicals are stored on-site only at Lot 198 DP 752025 and are clearly labelled with access restricted to trained personnel only.
- Details for the procedures to be carried out in the event of a spill is in the PF Formation Pty Ltd Safety Booklet.

### 6) **Contaminated water run-off**

- Regular maintenance and inspections of effluent treatment devices.
- Any greasy or oily plant and equipment that requires degreasing and washing for servicing or maintenance is carried out at a designated wash bay located on Lot 198 DP 752025 (shown on Figure 2). Water runoff from the wash bay flows to a containment pit with a sump. The sump has a pump which pumps water through an oil water separator before pumping the treated water back to the pit for recycling.
- All waste oil from plant and equipment servicing is initially transferred to the workshop facility located on Lot 198 DP 752025 and stored in an underground waste oil tank where it is then pumped out as required by an approved waste oil removal contractor. Waste oil is pumped as required and receipts for waste oil removal are kept at the site office located on Lot 198 DP 752025.
- Containment measures are in place in the event of any oil, fuel or chemical spillage that may occur on sites, this includes spill control kits, bunding around oil and fuel storage areas and ensuring no water is allowed to leave the site. If contaminated water runoff was observed it can be retained within the site and treated appropriately.
- Impervious bunding or self-bunding is provided around all fuel storage areas.
- Spill containment kits are kept at all sites and available for use in the event of a spill.

### 7) **Soil erosion and sediment run-off**

- Soil erosion and sediment control plans containing procedures and mitigation measures for the quarries are implemented and reviewed.

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- Refer to Hitchcock Road Sand Project Environmental Strategies and Plans, Pit 4 Environmental Management Plan, Pit 5 Environmental Management Plan and Annual Environmental Management Reviews.

### 8) Silt ponds rupturing

- Haul roads are clearly delineated on the ground.
- Silt ponds located in high traffic areas are clearly delineated on the ground.
- Silt ponds are constructed using clay to form an impervious membrane which contains the silt within the dam and prevents any possible groundwater contamination.
- Procedures to follow in the event of an accident involving a silt pond rupturing are in the PF Formation Pty Ltd Safety Booklet.

### 9) Uncontrolled release of gas

- Refer to PF Formation Pty Ltd Safety Booklet for safety procedures involving the use of Oxygen and Acetylene.
- Only certified storage vessels are permitted on-site at Lot 198 DP 752025.
- Access to oxygen and acetylene is restricted to trained personnel only.
- Safe handling and storage methods have been adopted and implemented.

### 10) Groundwater contamination

- Groundwater and Surface Water Management Plans are included in the Hitchcock Road Sand Project (Pits 6, 7, 13 and 14), Pit 4 and Pits 5 and 15 Environmental Management Plans and in the Annual Environmental Management Reviews.
- Groundwater management plans include water quality monitoring and analysis.

### 11) Landslip and land instability

- A Ground or Strata Failure Management Plan is provided in PF Formation Pty Ltd's Safety Management System for management of geotechnical hazards within the quarries and applies to all personnel employed, or visitors in any capacity at the quarries.
- Haul roads have edges clearly defined with marker posts or equivalent and a 20 km/hour speed limit.

## 5. Inventory of Pollutants

See Appendix 2 Hazardous Chemicals Register located at the weighbridge in Lot 198 DP 752025. Safety Data Sheets for all listed hazardous chemicals are also included at the weighbridge.

## 6. Safety Equipment

### 6.1 Personal Protective Equipment

The following Personal Protective Equipment (PPE) is kept on site and made available to personnel for their use.

#### a. Heavy duty chemical resistant gloves

Used when handling particularly hazardous substances such as Barrel Kleen Safe (used to clean concrete agitators) and heavy duty degreasers (used for removing grease and oil off engines and parts.)

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### **b. High quality leather rigging gloves**

Used when tying down loads or rigging loads using chains, cables or slings. Can be used when greasing machines to avoid contact with grease. Also used by operators when refuelling machines.

### **c. Safety glasses**

To be worn at all times when cutting or grinding. Must be worn when slumping concrete.

### **d. High visibility vests**

To be worn if high visibility clothing has not been issued or not available.

### **e. Hard hats**

Must be worn when working around conveyor belts and running plant.

### **f. Ear plugs and ear muffs**

To be worn when undertaking noisy activities or working in proximity to loud noise.

### **g. Gum boots**

In the event of a fuel, oil or chemical spill gum boots are to be worn to avoid contact with skin. Also used by maintenance staff during wet weather.

### **h. Water proof clothing**

Used by maintenance personnel when undertaking work in wet weather.

### **i. Welding PPE and P2 Dust Mask**

Used by authorised personnel or contractors when undertaking welding on the site. Includes, flash barriers, welding helmets and heat resistant gloves.

## **6.2 Other Safety Equipment**

- Spill Containment Kits are located at all sites and quarries. They contain highly absorbent material for cleaning up liquid chemical spills.
- Safety Harnesses - Used by authorised personnel when undertaking work at a height.
- Fire Extinguishers - Located at strategic locations at all sites and quarries and fitted to all plant and equipment.
- Fire Fighting Pumps - Fitted to site water carts for use in the event of a bushfire.
- Safety buoys with rope.
- First aid kits.

## **7. Contact Details**

The following persons are responsible for activating this plan, notifying the relevant authorities and managing the response in the event of any pollution incidents.

### **Joshua Graham (Joint Managing Director)**

Business Phone – 02 45668314

Mobile – 0418 439 923

Email – [josh@pfformation.com.au](mailto:josh@pfformation.com.au)

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### **Luke Graham (Joint Managing Director)**

Business Phone – 02 45668314

Mobile – 0407 415 413

Email – [luke@pfformation.com.au](mailto:luke@pfformation.com.au)

The protocol for industry notification of pollution incidents is as follows.

Part 5.7A of the PEO Act requires the occupier of premises, employer or any person carrying on the activity on which a pollution incident occurs to *immediately* notify each of the relevant authorities (identified below) when material harm to the environment is caused or threatened.

- 1) Call 000 if the incident presents an immediate threat to human health or property. Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service are the first responders, responsible for controlling and containing incidents.
- 2) If the incident does not require an initial combat agency, or once the 000 call has been made, notify the relevant authorities in the following order:
  - Environment Protection Authority.
  - The Resources Regulator within the Department of Planning & Environment for the Hitchcock Road Sand Project, The Hills Shire Council (for Pits 2 and 10) or Hornsby Shire Council (for Pits 3, 4, 5, 15 and Maroota Lodge).
  - Maroota Rural Fire Service.

For each relevant authority, the appropriate point of 24 hour contact is:

- EPA NSW – Environment Line ..... **131 555**
- Resources Regulator and Department of Planning & Environment ..... **1300 305 695**
- The Hills Shire Council ..... **9843 0555**
- Hornsby Shire Council ..... **9847 6666**
- Emergency Services..... **000**

## **8. Communicating with Neighbours and the Local Community**

As part of the Hitchcock Road Sand Project a Community Consultative Committee was established for the site and holds meetings twice each year. Local members of the community and representatives from government departments are invited to attend the meetings.

The Community Consultative Committee is directly related to the Hitchcock Road Sand Project. However, any concerns related to all PF Formation Pty Ltd sites and quarries that require an Environment Protection Licence can be addressed and discussed at these meetings.

## **9. Actions Taken to Minimise Harm to Persons on the Premises**

The course of action to be taken in the event of an incident will be determined by the Quarry Manager. In the case of a bushfire the course of action to be taken will have to be determined at the time, in consultation with the Maroota Rural Fire Service as wind direction and the location of the fire could be anywhere.

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The PF Formation Pty Ltd Safety Management System provides a detailed description of the different activities that are carried out on the sites and quarries and looks at the hazards and methods of controlling the hazards for each task. Safe Work Method Statements and Risk Assessments are discussed at Toolbox Safety Meetings quarterly.

PF Formation Pty Ltd has an Emergency Procedure Policy in place which is found in the PF Formation Pty Ltd Safety Booklet and copies issued to all personnel.

See Appendix 1 Emergency Response Procedure.

### **10. Site and Quarry Plans**

See attached Figure 1 Plans of all PF Formation Pty Ltd Sites and Quarries plus Figures 2, 3, 4 and 5 for Pit 2 and Hitchcock Road Sand Project, Pit 4, Pits 5 and 15 and Maroota Lodge Quarry.

### **11. Actions to be Taken During or Immediately After a Pollution Incident**

- The Quarry Manager is to ensure the best course of action is taken to minimise harm to persons on site and the environment during and after an incident occurring.
- Emergency Response Procedures are to be followed.
- Protocol for industry notification of pollution incidents is to be followed. Joshua Graham and Luke Graham will be responsible for implementing the notification protocol and ensuring funds are available to cover any associated costs involved with any remediation works.

### **12. Staff Training**

Toolbox Safety Meetings are conducted quarterly and emergency procedures are discussed and reviewed. All full time employed plant operators are trained through Skills Train at a Certificate III level. All employees and contractors are inducted into the site so the incident response procedures are clear.

Luke Graham is the Quarry Manager for the sites and quarries and is responsible for the day to day running of the operations.

Joshua Graham is the Environmental Manager responsible for the environmental management of the sites and quarries.

A register of staff training is kept in the Safety Management System.

### **13. Procedures for Testing and Maintaining the Plan**

The plan is tested and reviewed annually along with the Safety Management System. All aspects of the plan are reviewed including:

- Checks to see if any new hazards have been identified since the last annual review.
- Effectiveness of pre-emptive actions and any additional pre-emptive actions identified.
- Hazardous Chemical and Non-hazardous Chemicals Registers reflect all pollutants on the sites and quarries and Material Safety Data Sheets are up to date.
- Safety equipment register is up to date.

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- All contact details for personnel responsible for implementing the plan are up to date.
- All contact details for notification of an incident are up to date.
- Review minutes for Community Consultative Committee meetings.
- Attachments and figures are up to date with assembly point locations and all haul roads and pit numbers are accurate.
- Check that any incidents that may have occurred have been reported on and complaints register has been filled in if any complaints were made.

Tested by: Joshua Graham Signed: \_\_\_\_\_ Date: November 2018

Checked by: Luke Graham Signed: \_\_\_\_\_ Date: November 2018

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# EMERGENCY RESPONSE PROCEDURE

*In the event of an emergency **KEEP CALM***

1. Call for help, use the company two-way radio to call the Quarry Manager or Supervisor and start by saying “**EMERGENCY, EMERGENCY, EMERGENCY**” then state nature of the emergency and identify your location.

**NOTE: All staff must keep the company radio & UHF free for further instructions**

2. Await instructions from the Quarry Manager or Supervisor
3. In the case of a fire that is an isolated electrical fire & is **non-life** threatening, a fire extinguisher can be used.

**Please Note** there are different extinguishers for different types of fires  
(**DO NOT** operate if you are unsure)

RED WITH WHITE BAND	RED WITH BLUE STRIPE
 <p><b>DRY CHEMICAL POWDER</b> suitable for all general fires and <b>isolated</b> electrical fires</p>	 <p><b>FOAM</b> suitable for all general fires <b>NOT ELECTRICAL FIRES</b></p>

4. Quarry manager or Supervisor will instruct the Weighbridge Officer to ring the relevant Emergency Services and they will inform the operator which service is required and the site's address
5. Quarry Manager will co-ordinate to send a person to the front gate of the relevant site to direct Ambulance or Emergency Services needed
6. Staff working near an accident site should assist the injured person until help arrives
7. A Quarry Manager or Weighbridge Officer will advise by two way if everyone should meet at the assembly point closest to them

**Quarry Contact Number:** 02 4566 8314

**Luke Graham:** 0407 415 413

**Joshua Graham:** 0418 439 923

**Endeavour Electricity:** 131 003



This hazardous Chemical Register will record all hazardous substances and chemicals that are located on site.  
A folder will be located in the weighbridge with copies of all Material Safety Data Sheets (MSDS)  
and maintained by the Weighbridge Officer

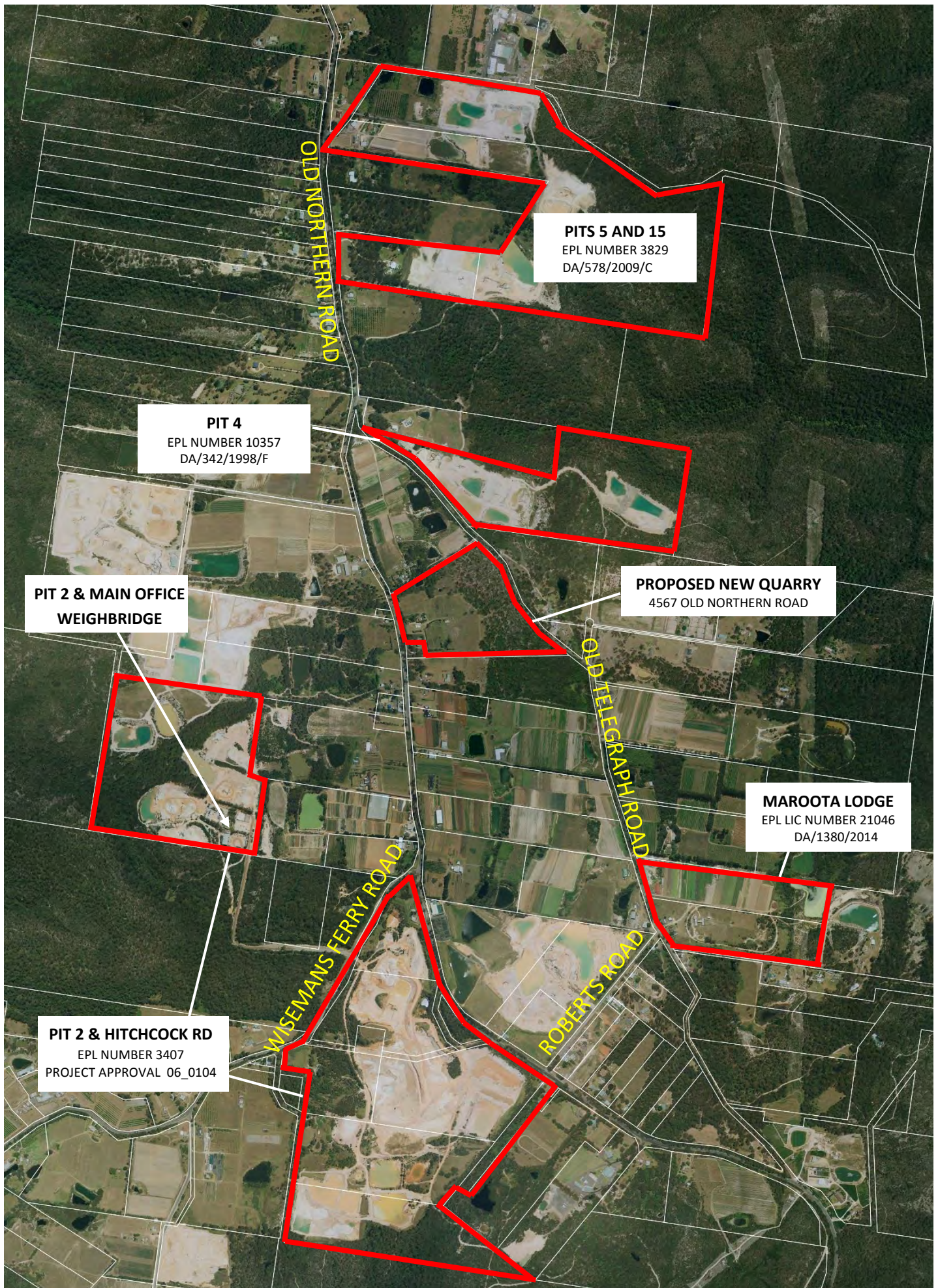
Ref No	Product Name/Chemical name	Supplier	Location Stored	Approx Quantity	MSDS date
HCR001	Diesel	Advantage Petroleum	All Vehicles	40000L	Apr-15
HCR002	WRM 80S Part B	Chemtura	Workshop	N/A	Jul-17
HCR003	All sand gravel	PF Formation	All over quarry	10000T	Oct-14
HCR004	WRM P4 Primer PartA	Chemtura	Workshop	20L	May-15
HCR005	WRM P4 Primer Part B	Chemtura	Workshop	20L	May-15
HCR006	625 Polythane Mixed Colour	Protec	Workshop	20L	Apr-15
HCR007	Coregas 5/2	Coregas	Workshop	Cylinder	Jun-16
HCR008	Acetylene (dissolved)	Coregas	Workshop	6x9.3(M3)Bottle	Aug-16
HCR009	PRO EPT Spray Lubricant	Anglomoil	Workshop	2L	Feb-14
HCR010	WRM P4 KIT	Chemtura	Workshop	N/A	May-15
HCR011	Nitrogen (N2)	Air Liquide	Workshop	N/A	Jun-14
HCR012	Cement	Cement Aust	Concrete Plant	40T	Jun-14
HCR013	Scale Away	Premier One	Concrete Plant	200L	Jul-15
HCR014	GSB Methyl Ethyl Ketone	GSB Chemical	Workshop	N/A	Sep-14
HCR015	Pre -mix concrete	PF Formation	Concrete Plant	N/A	Oct-14
HCR016	Barrell kleen safe	Chemetall	Concrete Plant	100L	Aug-15
HCR017	KCB Methyl Ethy Ketone	Chemwatch	Workshop	N/A	Jul-14
HCR018	Araidite 5 Minute Epoxy Adesive	Selleys Austalia	Workshop	50GR	Jun-14
HCR019	WRDA PN 20	Grace	Concrete Plant	1000L	Apr-18
HCR020	Zinc It	CRC Industries	Workshop	500G	Feb-15
HCR021	Sikaflex 221	Blackwoods	Workshop	1L	Jun-14
HCR022	CRC 2085 Bright Zinc Aerosol	Blackwoods	Workshop	2L	Feb-15
HCR023	Lanotec heavy duty liquid lanolin	Blackwoods	Workshop	2L	Aug-15
HCR024	Tubular ARC Welding Electrodes	Hobart Metals	Workshop	N/A	May-14
HCR025	Aluminium Brightener	Premier One	Concrete Plant	5L	Jan-15
HCR026	Nonox SCR Solution	Anglomoil	Concrete Plant	N/A	Jan-14
HCR027	Silicone RTV 922 Bostik Black	Bostik Australia	Workshop	300 gm	Dec-16
HCR028	WRM 80S Kit	Chemtura	Workshop	N/A	Sep-16
HCR029	Cat To-4 SAE 30 SAE 50	Anglomoil	Workshop	600L	Jan-17
HCR030	Oxygen based compressed gas	Corgas	Workshop	Cylinder	Feb-16
HCR031	Anti Seize Compound	ITW Polymers	Workshop	500gm	Jan-14
HCR032	Rocol Flaw Finder VW-Spray	ITW Polymers	Workshop	N/A	Jan-15
HCR033	Araidite 5min Epoxy Syringe	Selleys Austalia	Workshop	24ml	Jan-14
HCR034	Loctite 401	Selleys Austalia	Workshop	3gm	Apr-15
HCR035	Dash Vinyl protector	Premier one	Workshop	20L	May-15
HCR036	BL 10-B Turbo Truck Wash	Premier one	Workshop	100L	Jul-15
HCR037	Master Pozzoloth 400	Basf	Concrete Plant	200L	Jul-15
HCR038	Argon Compressed(Ar)	Air Liquide	Workshop	N/A	Dec-16
HCR039	Pearly White Liquid Soap	Premier One	All Staff	5L	Jul-15
HCR040	AdBlue	Platinum Lubricants	Concrete Plant	1000L	Apr-15
HCR041	Oatcool 50 Red	Anglomoil	Workshop	200L	Apr-15
HCR042	ATF DX3	Valvoline	Workshop	20L	Aug-17
HCR043	HP Gear oil 85W/140	Valvoline	Workshop	140L	Dec-13
HCR044	Protecta Wash N Wax	Premier One	All Vehicles	20L	Jul-15
HCR045	Roadmaster 300 15W40	Anglomoil	Workshop	800L	Mar-18
HCR046	Trans EP 85W140	Anglomoil	Workshop	N/A	Jan-14
HCR047	Hi-Tec 82220	Nalco	Workshop	1000L	Jun-16
HCR048	Hyd Syn	Anglomoil	All vehicles	800L	Jan-14
HCR049	Citra-Clean with Grit	Premier One	Workshop	20L	May-15
HCR050	WRM 80S PART C	Chemtura	Workshop	N/A	Jul-17
HCR051	Daramene R	Grace	Concrete Plant	1000L	May-14
HCR052	AW Hydraulic Oil	Anglomoil	Workshop	N/A	Feb-14
HCR053	Nalcoag r 3268	Nalco	Workshop	1000L	Jun-16
HCR054	Oxalic acid dihydrate	Redox	Concrete Plant	20kg	May-14
HCR055	Roadmaster 600 15W40	Anglomoil	Workshop	200L	Mar-18

HCR056	Dara Set	Grace	Concrete Plant	500L	Dec-14
HCR057	CCS Onyx 44 Pigment	River Sands	Concrete Plant	20kg	Jul-14
HCR058	Oxygen Compressed	Coregas	Workshop	6 x 8.9 (M3)	Feb-15
HCR059	Coregas 5/2	Coregas	Workshop	6 x 10.6 (M3)	Feb-15
HCR060	Stop Seize Copper	ITW Polymers&Fluids	Workshop	500gm	Aug-17
HCR061	Darex Aea	GCP Australia	Concrete Plant	N/A	Sep-17
HCR062	Tytro Rm471	GCP Australia	Concrete Plant	N/A	Jun-16
HCR063	Daratard Re900	GCP Australia	Concrete Plant	N/A	Jun-16
HCR064	CCS Citrus Cream	River Sands	Concrete Plant	N/A	Sep-14
HCR065	PF60S Dust Suppressant	Integrated Water Mgmt	Water Cart	N/A	Mar-17
HCR066	PF75HR Dust Suppressant	Integrated Water Mgmt	Water Cart	N/A	May-17
HCR067	WWCG76D Dust Suppressant	Integrated Water Mgmt	Water Cart	N/A	May-17
HCR068	WWLAP30 Dust Suppressant	Integrated Water Mgmt	Water Cart	N/A	May-17
HCR069	Loctite EA 3463	Henkel Australia	Workshop	N/A	Jun-14
HCR070	Tytro RC430	GCP Australia	Concrete Plant	N/A	Jun-16
HCR071	Weller Butane Gas Refill	Pascoe's Pty Ltd	Workshop	200g	Sep-17
HCR072	Roundup	Scotts Australia	All Areas	20L	Oct-20
HCR073	Unleaded Petrol	Advantage Petroleum	All Vehicles	N/A	Jul-16
HCR074					
HCR075					
HCR076					
HCR077					
HCR078					
HCR079					
HCR080					
HCR081					
HCR082					
HCR083					
HCR084					
HCR085					
HCR086					
HCR087					
HCR088					
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HCR091					
HCR092					
HCR093					
HCR094					
HCR095					
HCR096					
HCR097					
HCR098					
HCR099					
HCR100					





Figure 1 Location Plan of All PF Formation Pty Ltd Sites and Quarries















**Figure 2 Plan of Pit 2 Quarry and Hitchcock Road Sand Project**

**Head Office:** 1774 Wisemans Ferry Road  
 MAROOTA 2756  
 Lot 198 DP 752025  
 Department of Planning Approval No. PA\_0104  
 EPL Number: 3407



**Quarry Manager:** Luke Graham 0407 415 413  
**Environmental Manager:** Joshua Graham 0418 439 923  
**Hours of Operation:** 7:00am to 6:00pm Mon to Sat  
 Loading 10 trucks between 6:00 and 7:00am permitted **UHF**  
**Channel:** 29 (Lot 198) 19 (Hitchcock Road Site)  
**Emergency Phone Number:** 000

-  Diesel Fuel Storage Tanks
-  Emergency Meeting Point
-  Safety Buoy
-  Spill Control Kit
-  First Aid Kit
-  Fire Extinguisher
-  Sensitive Receiver
-  Wash Bay/Oil Water Separator and Waste Oil Storage





### Figure 3 Plan of Pit 4 Quarry

Lot 2 DP 748820

311 Old Telegraph Road MAROOTA 2756

Hornsby Shire Council Development Consent Number: DA/342/1998/F

EPL Number: 10357

*Not to scale*



**Quarry Manager:** Luke Graham 0407 415 413

**Environmental Manager:** Joshua Graham 0418 439 923

**Hours of Operation:** 7:00am to 5:00pm Mon to Fri  
7:00am to 1:00pm Sat

**UHF Channel:** 21

**Emergency Phone Number:** 000

 10,000L Diesel Fuel Storage Tank

 Emergency Meeting Point

 Sensitive Receiver

 Spill Control Kit

 First Aid Kit

 Fire Extinguisher

 Safety Buoy





## Figure 4 Plan of Pit 5

Lot 3 DP 567166  
4751 Old Northern Road MAROOTA 2756  
Hornsby Shire Council Development  
Consent Number: DA/578/2009/C  
EPL Number: 3829





## and Pit 15 Quarry




Lot 2 DP 510812  
4713 Old Northern Road MAROOTA 2756  
Hornsby Shire Council Development  
Consent Number: DA/578/2009/C  
EPL Number: 3829

*Not to scale*



**Quarry Manager:** Luke Graham 0407 415 413  
**Environmental Manager:** Joshua Graham 0418 439 923  
**Hours of Operation:** 7:00am to 6:00pm Mon to Sat  
*Loading 10 trucks between 6:00 and 7:00am permitted*  
**UHF Channel:** 27  
**Emergency Phone Number:** 000

-  26,500L Diesel Fuel Storage Tank
-  Emergency Meeting Point
-  Sensitive Receiver
-  Spill Control Kit

-  First Aid Kit
-  Fire Extinguisher
-  Safety Buoy





## Figure 5 Plan of Maroota Lodge Quarry

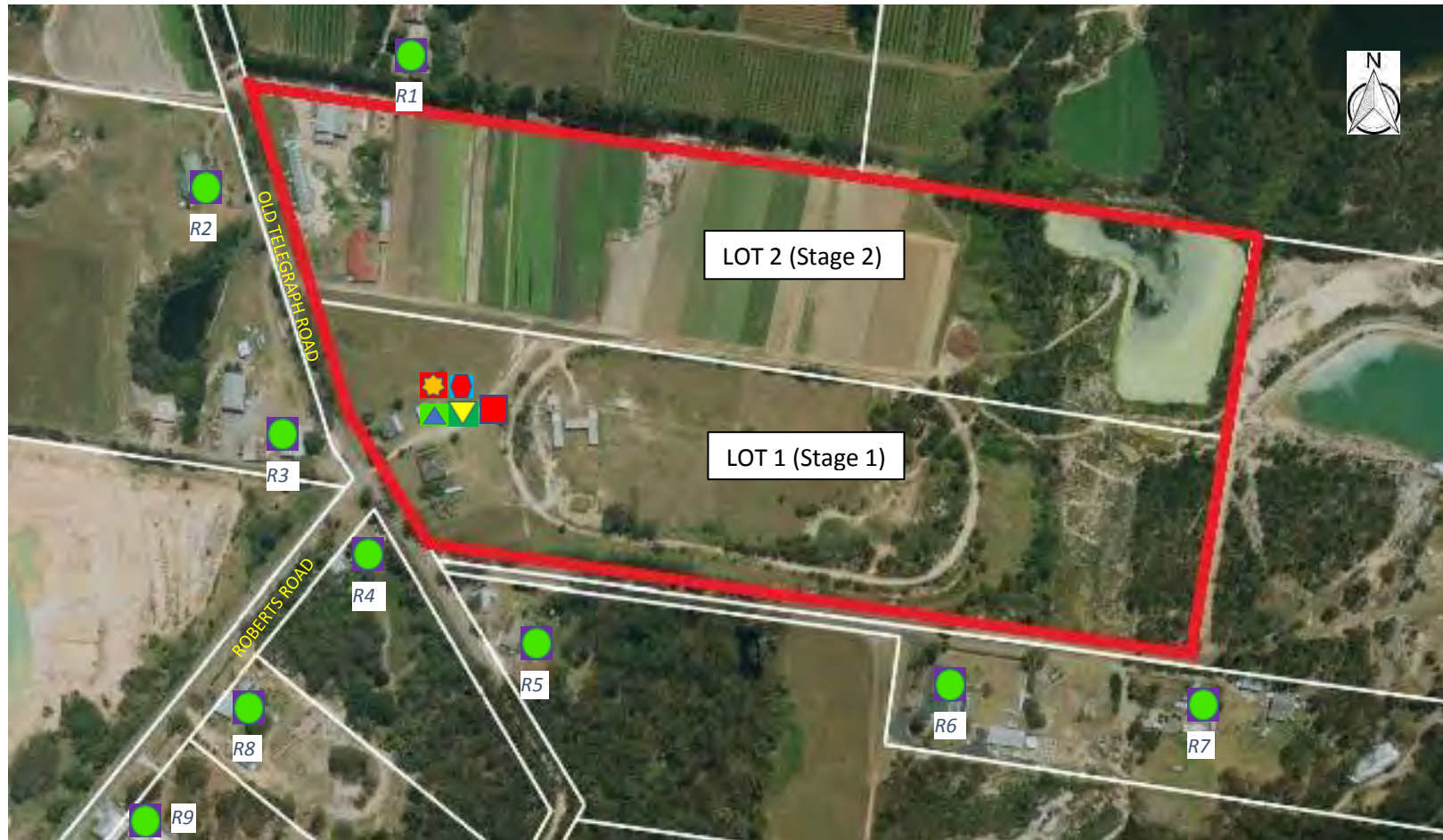
Lots 1 and 2 DP 732708

97 and 311 Old Telegraph Road MAROOTA 2756

Hornsby Shire Council Development Consent Number: DA/1380/2014

EPL Number: 21046

*Not to scale*



**Quarry Manager:** Luke Graham 0407 415 413

**Environmental Manager:** Joshua Graham 0418 439 923

**Hours of Operation:** 7:00am to 6:00pm Mon to Sat

*Loading 10 trucks between 6:00 and 7:00am permitted*

**UHF Channel:** TBA

**Emergency Phone Number:** 000



30,000L Diesel Fuel Storage Tank



Emergency Meeting Point



Sensitive Receiver



Spill Control Kit



First Aid Kit



Fire Extinguisher