Pollution Incident Response Management Plan

Haerses Road Quarry

Version: V 7

File Name: Haerses Road Quarry - PIRMP

File No.: DS-ENV-EMS-HR005

Version	Revision Date	Revision Details	Prepared by	Approved by
1.0	16/03/18	PIRMP first issued (previously combined with the Old Northern Road Quarry PIRMP)	H.C.	D.D.
2.0	15/03/19	Reviewed pollution inventory and risk assessment. Revised Section 6.0 to include DS-OHS-140-F1. Revised company name change. Amended relevant Code of Practice. Inserted Roles and Responsibilities	H.C.	D.D.
3.0	13/03/20	Review of roles, contact numbers and update of sections 7	H.C. / R.R. / M.M. / B.G.	D.D.
4.0	25/03/2021	Update document in line with Guideline: Pollution Incident Response Management Plan (EPA, March 2020), Pollution Inventory and Site Plans. Additional sections have been added to the document including: Section 3 Environment Protection License details, Section 10 Incident Notification. Authorities contact details and pollutant register have been reviewed and revised.	H.C. / R.R. / B.G.	D.D.
5.0	12/07/2023	Update document in line with Guideline: Pollution Incident Response Management Plans (EPA, September 2022) and utilise new company template. Contact details revised	H.C. / B.G.	D.D.
6.0	11/07/2024	Review and update legislation, risk assessment, site contacts, pollutant register and figures	H.C./ R.H./J.B./B.G./M.M.	D.D.
7	16/06/2025	Review and update site contacts, pollutant register and figures	H.C./ J.B./M.M./C.S./B.S.	D.D.

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Appendix

1.0 Purpose

This Pollution Incident Response Management Plan (PIRMP) has been prepared, to address the requirements of the *Protection of the Environment Operations Act 1997*, specifically Part 5.7A of the Act, and to ensure compliance with Dixon Sand Environment Protection Licence # 12513, Development Consent DA 165-7-2005, legal and other requirements.

The purpose of the PIRMP is to ensure that pollution incidents and impacts which have the potential to occur during activities associated with the operation of the Haerses Road Quarry, Maroota, are prevented or minimised so that no significant harm occurs to human health and the environment. This plan provides details of management procedures to be implemented in the event of a pollution incident.

1.1 Definition of a Pollution Incident

For the purpose of this plan, a **pollution incident** is defined by the NSW Environment Protection Authority (EPA) as:

'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.'

1.2 Requirement of Notification of a Pollutant Incident

If a pollution incident occurs, it is the duty of the premises to notify the incident if it causes or threatens 'Material Harm' to the environment, which is defined under the *POEO Act* as:

a) **Material harm** to the environment is:
   I. the actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
   II. actual or potential **Loss** or property damage of an amount, or amounts in aggregate, exceeding $10,000. **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.

b) **Harm** to the environment includes:
   '*any direct or indirect alteration of the environment that has the effect of degrading the environment and, without limiting the generality of the above, includes any act or omission that results in pollution*.'

This Plan further describes how materials are to be handled and stored on site in accordance with applicable Safety and Environmental Legislation.

A written copy of this Plan is to be kept at the Haerses Road Quarry, Maroota and be made available on request by an authorised NSW EPA Officer and to any person who is responsible for implementing this plan.

2.0 Scope

The scope of this management plan is to provide:

- Procedures to be followed by the licence holder or occupier of the premises in notifying pollution incidents to appropriate personnel, authorities, and regulatory bodies
- A description of the action to be taken, immediately after a pollution incident by the licence holder to reduce or control any pollution, and
- Procedures to be followed for co-ordinating any action taken in combating the pollution caused by the incident (with appropriate personnel, authorities, and regulatory bodies), and the communication pathways that need to be utilised in order to do this

This Plan applies to the employees and contractors operating at Haerses Road Quarry, Maroota.

2.1 Environment Protection Licence

Table 1: Environment Protection Licence (EPL) Details

Name of Licensee:	Dixon Sand Pty Ltd ABN: 80 002 278 686	
EPL Number	12513	
Premise name and address	Haerses Road Quarry Haerses Road and Intersection of Wisemans Ferry Road, Maroota	
Company Contact Details	**Name:** **Position:** **Business Hours Contact Number:** **After Hours Contact Number:** **Emails:**	David Dixon Director / Quarry Manager 02 4566 8348 xxxx xxx xxx david@dixonsand.com.au environment@dixonsand.com.au
Website Address	www.dixonsand.com.au	
Scheduled activities on EPL	Crushing, grinding or separating Extractive activities Resource recovery	
Fee based activities on EPL	Crushing, grinding or separating Extractive activities Recovery of general waste	> 100000 – 500000 T annual processing capacity > 100000 – 500000 T annually extracted or processed Any general waste recovered

3.0 Legal and Other Requirements

All activities carried out on site are to comply with the following licences, legislation, regulations and guidelines relevant to the notification and management of environmental pollution.

- *Environment Protection Licence 12513 – Haerses Road Quarry*
- *Development Application DA165-7-2005 – Haerses Road Quarry*
- *Protection of the Environment Operations Act, 1997 (POEO Act)*
- *Protection of the Environment Operations (General) Regulation, 2020*
- *Protection of the Environment Operations (Waste) Regulation, 2014*
- *Protection of the Environment Legislation Amendment, 2011*
- *Environmentally Hazardous Chemicals Act, 1985 (NSW)*
- *Managing Risks of Hazardous Chemicals in the Workplace - Code of Practice (June 2023*
- *Storage and Handling Liquids: Environmental Protection – Participant's Manual (DECC 2007)*
- *Soils and Construction: Managing Urban Stormwater (Landcom 2004)*
- *Relevant Australia/New Zealand Standards*
- *Safety Data Sheets applicable to materials stored on site*

By adhering to the requirements set out in the abovementioned legislation, regulations and guidelines, this will aid in preventing or minimising the release of pollution into the environment.

In addition, Dixon Sand has procedures outlined in the Environmental Management Strategy documentation relevant to pollution management and reporting.

4.0 Roles and Responsibilities

Dixon Sand has set out the roles and responsibilities for the overall conduct and control of any pollution incident until such time the incident is under control and any investigation completed. Once the 'all clear' is given by emergency services and/or regulatory authorities, the responsibility is transferred back to the Quarry Managers.

The roles and responsibilities are outlined in Table 2 below.

Table 2: Roles and Responsibilities

Position	Activities / Responsibilities
Quarry Managers	• Contact Emergency services • Assess the incident situation and activate the response team, if required • Prevent further harm by controlling the incident scene, if safe to do so • Activate the site emergency evacuation procedure, if required • Manage the site evacuation procedure • Liaise with emergency services and regulatory authorities • Assist in clean-up and remediation
Environmental Officer (or delegate)	• Assist in incident controlling, if safe to do so • Notify the relevant regulatory authorities, if required • Assist in clean-up and remediation • Collate information and record incident in the Environmental Incident Register
Safety Officer (or delegate)	• Assist in incident controlling, if safe to do so • Notify the relevant regulatory authorities, if required • Assist in clean-up and remediation
Operators and Contractors	• Report incident to the Quarry Managers or Management Team • Prevent further harm by controlling the incident scene, if safe to do so • Assist in clean-up and remediation

5.0 Identification of Potential Pollution Hazards & Risk Assessment

The following risk matrix and table has been developed to:

- Identify site specific hazards that may result in a pollution incident occurring;
- Assess the likelihood of an incident occurring as a result of a particular hazard;
- Assess the likely degree of impact if an incident occurs; and
- Outline preventative management actions to be implemented in order to control, minimise or avoid impacts.
- Monitor implemented controls.

Table 3 contains the Risk Assessment Matrix adopted by Dixon Sand.

Table 4 contains the hazards identified on site and associated risk assessment and proposed actions.

Table 3: Risk Assessment Matrix

RISK ASSESSMENT MATRIX					
Likelihood	Consequence				
	1	2	3	4	5
A	Extreme	Extreme	High	Med	Low
B	Extreme	High	High	Med	Low
C	Extreme	High	Med	Low	Low
D	High	Med	Med	Low	Low
E	High	Med	Low	Low	Low

LIKELIHOOD
A - Almost Certain (*is expected to occur)*
B - Likely (*will probably occur)*
C - Possible (*may occur at some point)*
D - Unlikely (*could occur but doubtful)*
E - Rare (*may occur but highly unlikely)*

CONSEQUENCE
1 - Catastrophic (*critical unmanageable impacts)*
2 - Major (*intense, manageable impacts)*
3 - Moderate (*serious impacts, easily managed)*
4 - Minor (*minor management action required)*
5 - Insignificant (*impacts requiring no treatment)*

RESPONSE TO RISK RANKINGS	
Extreme	Work is not to commence until the hazard is managed and the level of risk is reduced. The quarry manager or production manager is to authorise the work.
High	Work can be tolerated if it is not reasonably practicable to reduce the risk further. The activity must not be undertaken without a risk assessment and being supervised.
Medium	Work can be undertaken with the identified controls in place.
Low	Work that is part of the day-to-day operation of the quarry with known controls, control measures are to be effective, reliable, and subject to appropriate monitoring.

HIERARCHY of RISK CONTROL	
Eliminate the hazard	Highest level of health and safety protection, most reliability of control measures.
Substitute the hazard with something safer	Change the substance being used to a safer one, use two people to lift items, change from one energy source to another e.g. From air to hydraulics.
Isolate the hazard from people	Putting up barriers, sound walls, acoustic enclosures
Reduce the risk through engineering controls	Put in guards or other barriers, use design and engineering solutions.
Reduce exposure by applying administrative actions	Procedures, signs, training
Use personal protective equipment.	Lowest level of health and safety protection, least reliability of control measures

Table 4: Hazard Identification and Risk Assessment

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Chemical Storage (Mobile Container)	*Polluting Incident* 1. Chemical spill to land/water from fuel storage container/oil & grease drums 2. Chemical spill to land/water from chemical containers *Influencing Conditions* • Chemical not stored correctly • Poor maintenance in workshop • Impact/damage to tank/bunding releasing chemical • Incorrect use of equipment • Maximum size of any chemical containers is 20 litres	C (Possible) C (Possible)	3 (Moderate) 3 (Moderate)	**Medium** **Medium**	*Pre-emptive Actions* • EPA approved bunding containment installed for all tanks / containers • Spill kits located on site at vantage points and on mobile fuel trailer/truck • Regular inspections • Correct refuelling procedures and training • Site induction for all employees/contractors *Incident Control Actions* • Notify Quarry Managers or delegate • Stop release at source • Contain release using spill kits or earth bunding • Follow incident response procedure outline in Section 8 • Remove contaminated material from site by licenced contractor/facility	D (Unlikely) D (Unlikely)	3 (Moderate) 3 (Moderate)	**Medium** **Medium**

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Silt/Tailings ponds Note: majority of ponds are cut into rock	*Polluting Incident* 1. Dam wall collapse releasing sediment laden water off site 2. Silt pond overtopping *Influencing Conditions* • Poor construction / maintenance of dam • Machine impacting dam wall • Poor monitoring of water levels resulting in over topping	D (Unlikely) D (Unlikely)	2 (Major) 3 (Moderate)	**Medium** **Medium**	*Pre-emptive* Actions • Daily monitoring, regular inspections • Pond wall maintenance as required and identified in inspections *Incident Control Actions* • Notify Quarry Managers or delegate • Cease pumping of tailing into pond immediately • Control release of silt/water by installing temporary earth bunding downslope of release • Follow incident response procedure outline in Section 8 • Remediate area of sediment release • Repair pond wall when practical to do so	E (Rare) E (Rare)	2 (Major) 2 (Major)	**Medium** **Medium**
Main water storage dam Note: dam is cut into rock	*Polluting Incident* 1. Dam wall collapse or leaking releasing sediment laden water off site 2. Sediment laden water released from water storage pond *Influencing Conditions* • Poor construction / maintenance of dam • Machine impacting dam wall • Dam not treated correctly prior to release • Storm event exceeding design capacity	D (Unlikely) C (Possible)	2 (Major) 2 (Major)	**Medium** **High**	*Pre-emptive Actions* • Daily monitoring of water level, regular inspections • Dam wall maintenance as required and identified in inspections *Incident Control Actions* • Notify Quarry Managers or delegate • Cease flow of water into dam and repair pond wall when practical to do so • Monitor water quality • Follow incident response procedure outline in Section 8	E (Rare) D (Unlikely)	2 (Major) 2 (Major)	**Medium** **Medium**

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Waste materials E.g. • Putrescible • Recycle • Hazardous material	*Polluting Incident* • Contamination of land/water *Influencing Conditions* • Poor waste management / storage	C (Possible)	3 (Moderate)	**Medium**	*Pre-emptive Actions* • Regular inspections and segregated bins • All waste removed from site by licenced contractor • Domestic waste removed as part of the weekly local council waste service. *Incident Control Actions* • Follow incident response procedure outline in Section 8 • Waste materials to be removed from site by licenced contractor • Any contaminated land to be remediated and removed from site by licenced contractor to licenced waste management facility	E (Rare)	3 (Moderate)	**Low**
Mobile plant operating in quarry	*Polluting Incident* • Release of fuel/oil from plant onto quarry land *Influencing Conditions* • Worn hoses • Fuel cart malfunction, break in hose • Poor maintenance	C (Possible)	3 (Moderate)	**Medium**	*Pre-emptive Actions* • Regular maintenance as per OEM • Plant pre-start inspections • Spill kits located on site • Implementing Site Traffic Management Plan and positive communications *Incident Control Actions* • Notify Quarry Managers or delegate • Control release of fuel/oil using spill kit or earth bund • Follow incident response procedure outline in Section 8 • Collect and remove contaminated material from site by licenced contractor	E (Rare)	3 (Moderate)	**Low**

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Refuelling plant and equipment	*Polluting Incident* 1. Release of fuel/oil from plant during refuel from fuel truck and trailer *Influencing Conditions* • Damage to plant due to collision • Fuel cart malfunction, break in hose • Poor maintenance	D (Unlikely)	4 (Minor)	**Low**	*Pre-emptive Actions* • EPA compliant bunding containment installed for the fuel bowser • Fuel pump fitted with safety cut out • Plant pre-start inspections • Spill kits located on site and on mobile refuelling stations • Regular inspections • Correct refuelling procedures and training • Site induction for all employees/contractors • Implementing Site Traffic Management Plan and positive communications • Spill Kit located on mobile fuel trailer. *Incident Control Actions* • Notify Quarry Managers or delegate • Stop release at source • Contain release using spill kits or earth bunding • Follow incident response procedure outline in Section 8 • Remove contaminated material from site by licenced contractor/facility	E (Rare)	3 (Moderate)	**Low**

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Water pumping equipment	*Polluting Incident* 1. Release of fuel/oil into water storage / sediment ponds *Influencing Conditions* • Pump malfunction / break in hose • Poor maintenance	C (Possible)	3 (Moderate)	**Medium**	*Pre-emptive Actions* • Daily monitoring, regular inspections • Correct refuelling procedure • Regular maintenance *Incident Control Actions* • Notify Quarry Managers or delegate • Cease operation of pump • Control release of sediment/fuel/oil using spill kit or earth bund • Follow incident response procedure outline in Section 8 • Remove contaminated material from site by licenced contractor	E (Rare)	3 (Moderate)	**Low**
Dust generation	*Polluting Incident* • Significant release of dust from site operations *Influencing Conditions* • Extreme weather conditions • Excessive machinery movements • Poor maintenance of haul roads • Inadequate use of water cart	B (Likely)	3 (Moderate)	**High**	*Pre-emptive Actions* • Monitor weather conditions and cease works or modify operations when significant dust is visible leaving site • Maintain haul roads in good condition • Regular use of water cart and street sweeper on bitumen road *Incident Control Actions* • Notify Quarry Managers or delegate • Following procedure outlined in EPL (condition M2.4) if TEOM alarm is triggered	D (Unlikely)	3 (Moderate)	**Medium**

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
EnviroCycle Tank (Septic)	*Polluting Incident* 1. Overflow of tank to land / water *Influencing Conditions* • Irrigation pump malfunction	D (Unlikely)	3 (Moderate)	**Medium**	*Pre-emptive Actions* • Regular inspection / maintenance • Tanks serviced by licensed contractor *Incident Control Actions* • Notify Quarry Managers or delegate • Cease flow into tank • Follow incident response procedure outline in Section 8 • Pump out tank using licenced operator	E (Rare)	(Moderate)	**Low**
Excessive noise generation	*Polluting Incident* 1. Excessive noise generation from quarry activities 2. Excessive noise generation from trucks *Influencing Conditions* • Staff and contractors not properly inducted. • Poor maintenance of haul roads	C (Possible) B (Likely)	3 (Moderate) 3 (Moderate)	**Medium** **High**	*Pre-emptive Actions* • Implement mitigation measures and controls contained in the Noise Management Plan to attenuate noise • Conduct noise assessment at sensitive receivers on 6 monthly basis. • Provide environmental inductions to all staff and contractors • Regular maintenance of machinery and equipment. • Construction of noise bunds • Operating within approved hours of operation • Replacement of old noisy equipment. • Reminders of operating hours communicated at toolbox talks. • Drive at designated speed *Incident Control Actions* • Notify Quarry Managers or delegate • Cease noise generating activity immediately • Follow incident response procedure outline in Section 8	D (Unlikely) C (Possible)	4 (Minor) 3 (Moderate)	**Low** **Medium**

Hazard	Potential Pollution Incident & Condition influencing Likelihood of Occurrence	Risk Assessment (Prior to Controls)			Proposed Actions • Pre-emptive Actions (avoid impact) • Control Actions (minimise impact)	Risk Assessment (Residual)		
		Likelihood	Consequence	Risk Level		Likelihood	Consequence	Risk Level
Working outside approved areas	*Polluting Incident* 1. Working outside the approved areas of extraction 2. Clearing outside the approved areas *Influencing Conditions* • Staff and contractors not properly inducted. • Unclear boundary marking	C (Possible) C (Possible)	2 (Major) 2 (Major)	**High** **High**	*Pre-emptive Actions* • Provide environmental inductions to all staff and contractors • Undertake JSA • Maintain pegs and boundary markers for extraction, clearing and buffer areas in good order. • Reminders of working hours communicated at toolbox talks. • Pre-clearing inspection and induction *Incident Control Actions* • Notify Quarry Managers or delegate • Cease activity outside the approved area immediately • Follow incident response procedure outline in Section 8	E (Rare) E (Rare)	2 (Major) 2 (Major)	**Medium** **Medium**
Herbicide spillage	*Polluting Incident* 1. Spillage of herbicide onto non-targeted areas *Influencing Conditions* • Mis-handling of herbicide container and application hose • Poor maintenance of equipment • Mis-application of targeted area	C (Possible)	4 (Minor)	**Low**	*Pre-emptive Actions* • Storage of herbicide in bunded containers in the site vehicle. • Spill kit • SDS on site • Engaging competent contractors to undertake the work *Incident Control Actions* • Notify Quarry Managers or delegate • Stop release at source and follow SDS's instructions. • Contain release using spill kits or earth bunding • Follow incident response procedure outline in Section 8 • Remove contaminated material from site by licenced contractor/facility if applicable	D (Unlikely)	4 (Minor)	**Low**

6.0 Pollutant Inventory

Table 5: Pollutants kept on premise

Pollutant	Quantity	Location	Controls (spill kits, bunding etc.)
Diesel Fuel Truck	8,000 litres	Mobile fuel tank fitted with a bowser head on a truck	Shut off valve and Spill kit
Petrol	20 litres x 2	Storage Container (bunded tray)	Enclosed + bunded storage area and Spill kit
Grease (222)	450g cartridges x 360	Workshop	Enclosed + bunded storage area and Spill kit
Grease (222)	180kg Barrel	Workshop	Enclosed + bunded storage area and Spill kit
Grease (CMP black)	450g cartridges x 180	Workshop	Enclosed + bunded storage area and Spill kit
Degreaser	48 spray cans	Workshop	Enclosed + caged area + spill kit
Hydraulic oil (10W)	208 L barrel x 4	Workshop	Enclosed + bunded storage area and Spill kit
Hydraulic oil (46)	208 L barrel x 4	Workshop	Enclosed + bunded storage area and Spill kit
Hydraulic oil (68)	208 L barrel x 4	Workshop	Enclosed + bunded storage area and Spill kit
Trans oil (30W)	208 L barrel x 3	Workshop	Enclosed + bunded storage area and Spill kit
Trans oil (50W)	208 L barrel x 2	Workshop	Enclosed + bunded storage area and Spill kit
Engine oil 15w40	208 L barrel x 4	Workshop	Enclosed + bunded storage area and Spill kit
Engine oil 15w40 low ash	208 L barrel x 2	Workshop	Enclosed + bunded storage area and Spill kit
Cat FDAO 60w gear oil	208 L barrel x 1	Workshop	Enclosed + bunded storage area and Spill kit
80-90 gear oil	20 L drums x 3	Workshop	Enclosed + bunded storage area and Spill kit
Cat ELC coolant	208 L barrel x 2	Workshop	Enclosed + bunded storage area and Spill kit
Brake clean	48 spray cans	Workshop	Enclosed + caged area + spill kit

Paint	Spray Cans x multiple	Storage Container / cage	Enclosed + Spill kit
Herbicide, dye and wetting agents: • Glyphosate • Chemwet • Enviro-dye • Metsulfuron Methyl • Vigilant	3 x 1L 1 x < 1L 1 x < 1L 3 x 1L 1 x 240 mL	Bush Regeneration Contractor Vehicle	Chemicals stored in approved containers in a tub with absorbent material in the base. Spill equipment and SDS contained in vehicle

7.0 Pollution Incident Response Contact Details

Table 6: Dixon Sand Incident Contact Details (Responsible persons for reporting to authorities)

Name	Position	Contact Number
Mick Munnoch	Quarry Manager (Operations Manager HR)	UHF Ch. 45 (Sand), 47 (R&B), 54 (Firestone) Office - 02 4566 8348 Mobile – xxxx xxx xxx (24hrs)
David Dixon	Quarry Manager (Managing Director)	UHF Ch. 45 (Sand), 47 (R&B), 54 (Firestone) Office - 02 4566 8348 Mobile – xxxx xxx xxx (24hrs)
Jamie Baker	Business Manager	UHF Ch. 45 (Sand), 47 (R&B), 54 (Firestone) Office - 02 4566 8348 Mobile – xxxx xxx xxx
Hunny Churcher	Environmental Officer	Mobile – xxxx xxx xxx (24hrs)
Colleen Stephens	Safety and Support Officer	UHF Ch. 45 (Sand), 47 (R&B), 54 (Firestone) Office - 02 4566 8348 Mobile – xxxx xxx xxx

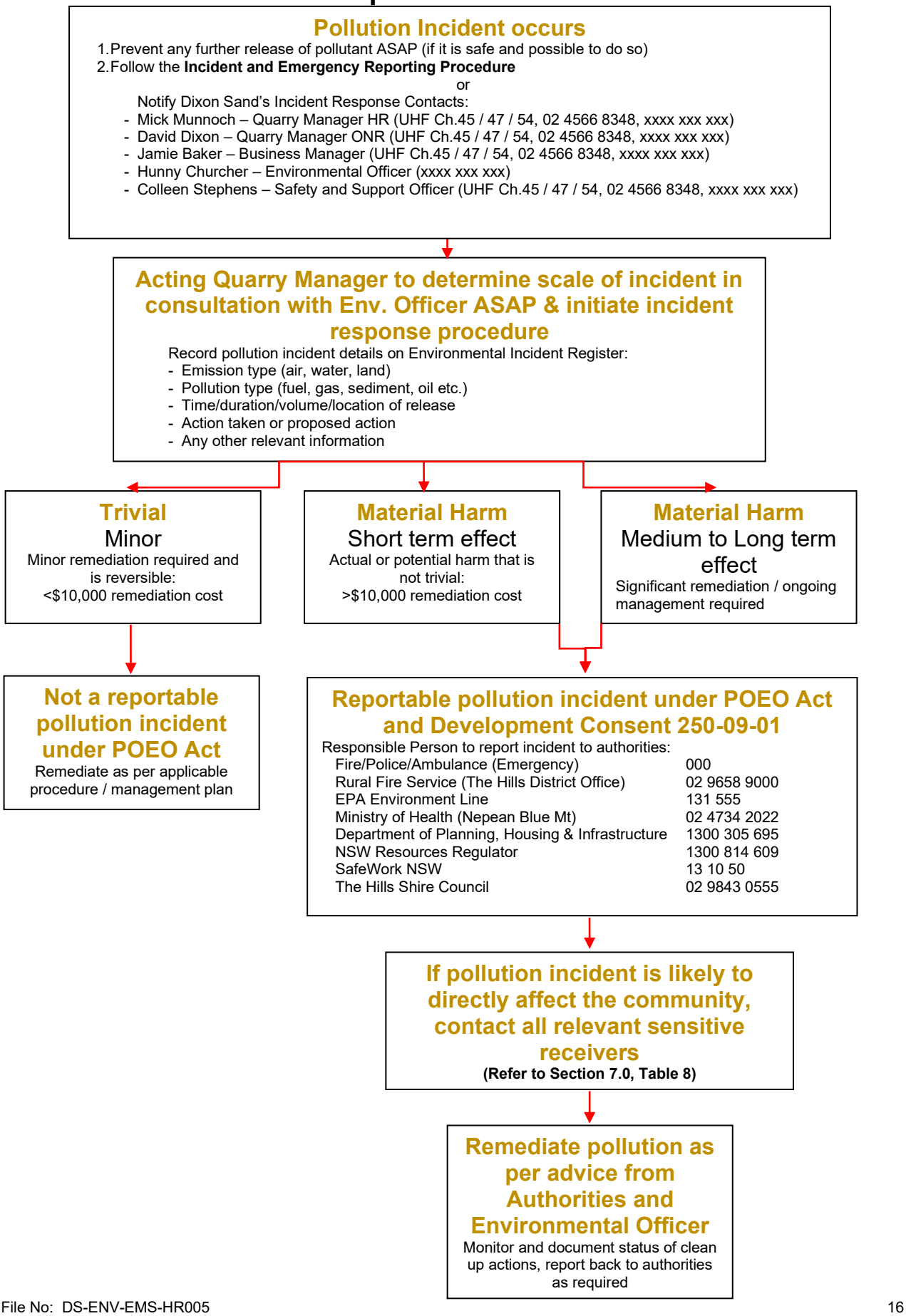
Table 7: Authorities Incident Contact Details

Name	Location	Contact Number
Emergency (Fire, Ambulance, Police)	-	000 (when incident presents immediate threat to human health and property)
EPA (Environment Line)	-	131 555 (At recorded prompt, press 1 to be connected to 24hr response line)
Rural Fire Service	The Hills District Office	02 9658 9000 (No need to dial this number if have previously dialled 000)
Department of Planning, Housing and Infrastructure (DPHI)	-	1300 305 695 (ask for Metro Compliance Team)
Ministry of Public Health	Nepean Blue Mountains Public Health (Environmental Health Team)	02 4734 2022 (normal hours, report to Environmental Health Team) 02 4734 2000 (after hours switch – ask for Public Health Officer)
NSW Resources Regulator	-	1300 814 609
The Hills Shire Council	Castle Hill	02 9843 0555
SafeWork NSW	-	13 10 50

Table 8: Receivers on EPL 12513 (Haerses Rd Quarry)

Name	Address
Maroota Public School	4540 Old northern Road, Maroota
Receivers	As identified in Environmental Assessment (Umwelt, Sept 2017)

8.0 Pollution Incident Response Procedure & Actions Flow Chart



9.0 Notification of Incident

Notification of Relevant Authorities
In the event of a notifiable incident, relevant authorities will be contacted via telephone call (and email if required) and notified through the contact details contained in Table 7.

Notification of Neighbours and Local Community
In the event where the incident has the potential to impact or cause an impact to nearby residents and the Maroota Public School (Table 8), notification will be provided in the form of door-knock, phone call or letter box drop. The most suitable notification methodology will be determined by the Quarry

10.0 Training, Plan Testing & Review

All staff, visitors and contractors coming on to site will be briefed on their responsibilities under this plan as part of site induction requirements, with a copy of this plan being available to all personnel for viewing.

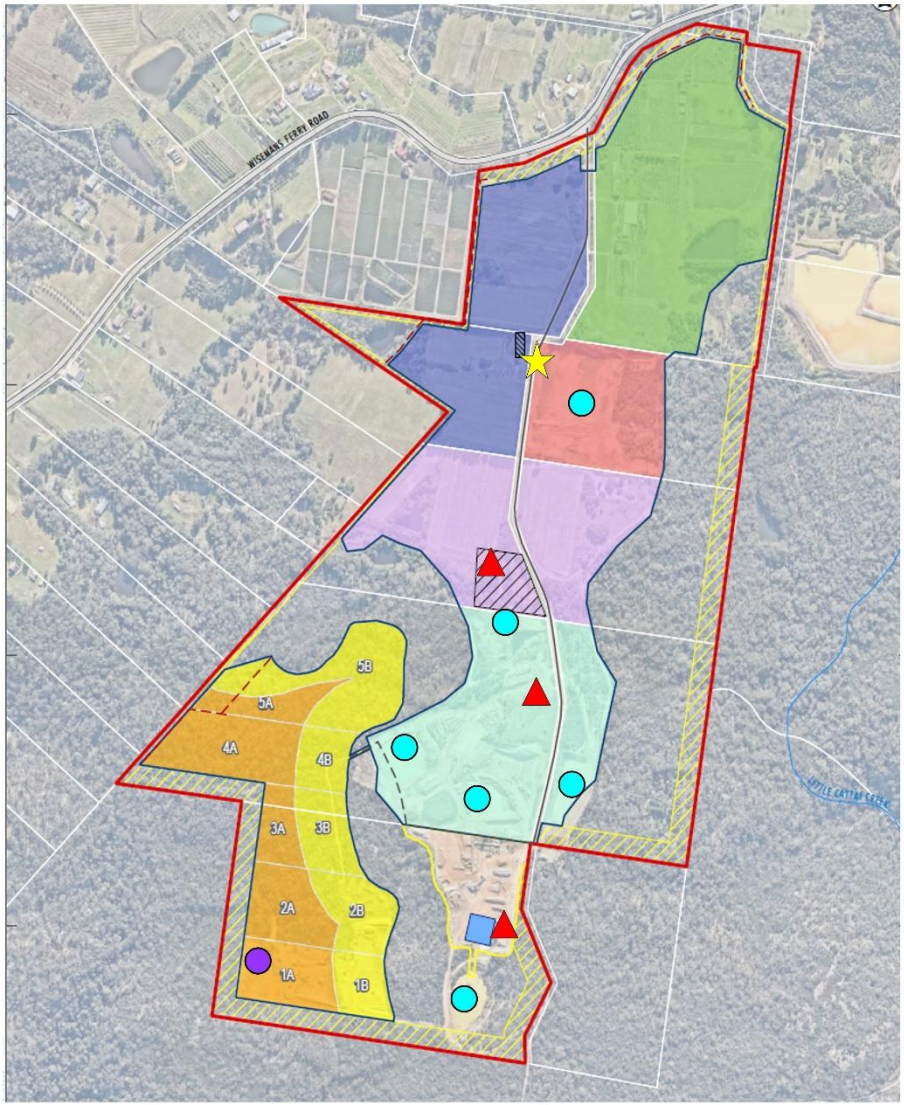
The incident response and action flow chart (Section 8) will also be made available as a notice posted at appropriate locations around the site office and workshop area.

Annual testing and review of this plan is to be undertaken, which would involve two components. The first component will involve a desktop review of the plan components to ensure all details are up to date and still relevant to site operations. The second component will involve a practical exercise with all relevant site staff, in the form of a toolbox training exercise on the implementation of the response procedure (flow chart in Section 8 of this Plan).

This Plan would be tested and reviewed annually on an on-going basis, within 12 months of the latest approved revision date.

PIRMP and mock incident training details are contained in the quarry's toolbox talk and training records.

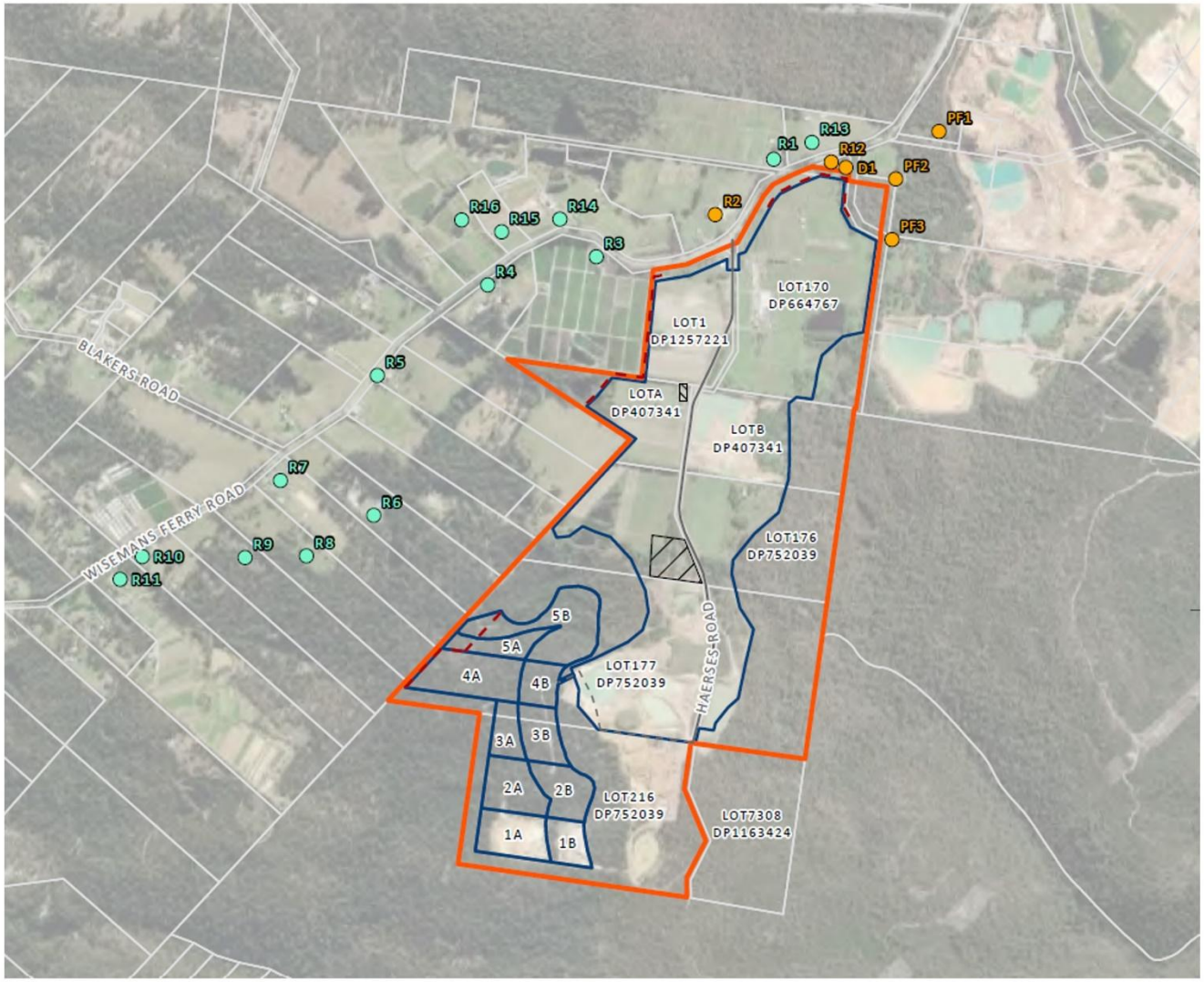
11.0 Site Plans



Legend

- Site Boundary
- Approved Extraction Area
- Site Office
- Sandstone Cutting Shed and facility
- Processing Plant
- Spill Kit
- Emergency Muster Point
- Water Storage
- Sediment Pond

DIXON QUARRY GROUP	Map Source: ESRI (2022) Scale 0 200 400 800 (metres)	Dixon Sand (No.1) Pty Ltd Figure 1 Pollution Incident Response Management Plan Haerses Road Quarry Site Plan	Plan No: PIRMP Fig 1 Version 7 Date 12/06/2024 Drawn By HC N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BLAKERS ROAD
WISEMANS FERRY ROAD
HAERSES ROAD
LOT170
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DP1257221
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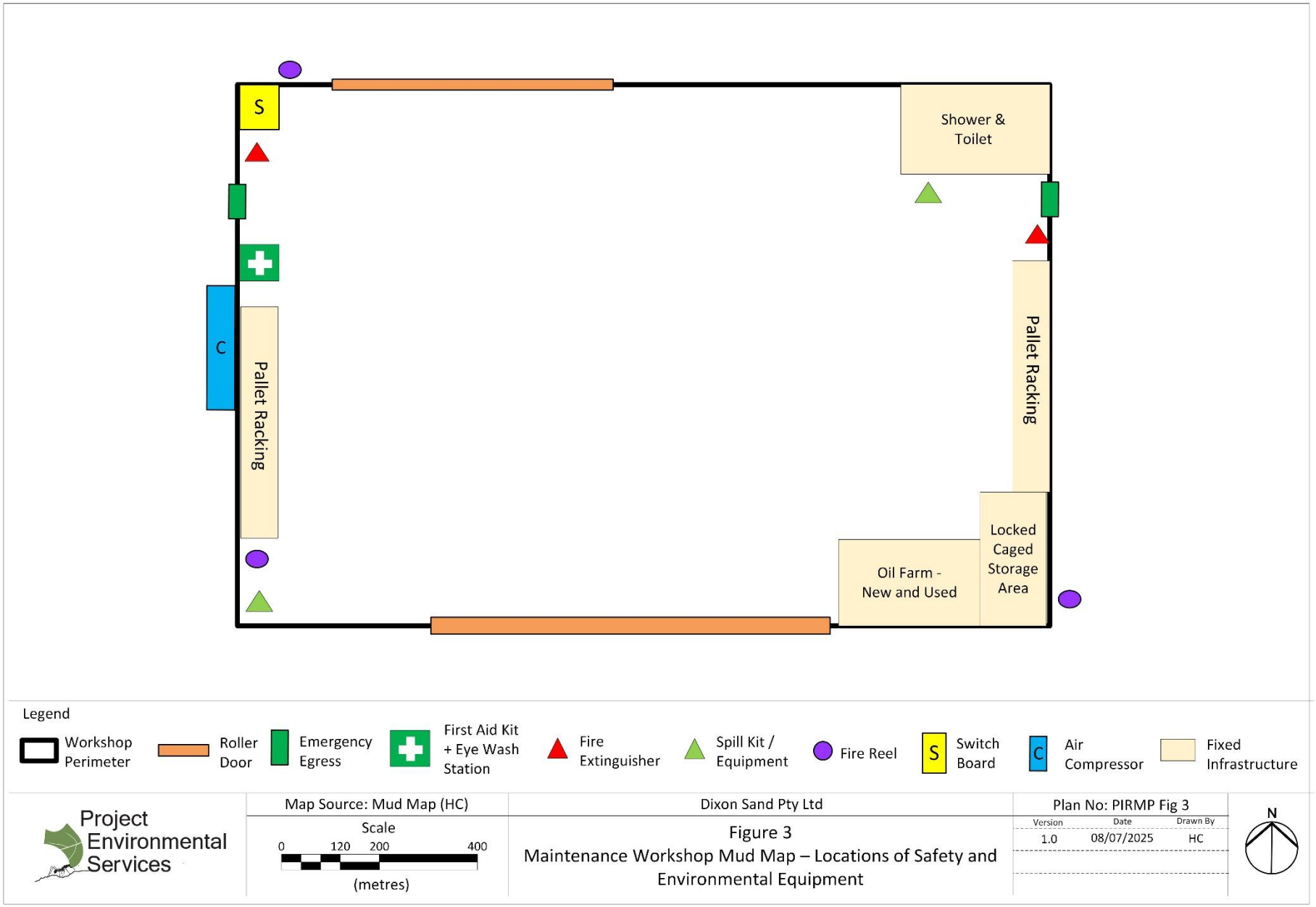
1B
2A
2B
3A
3B
4A
4B
5A
5B
Legend
Site Boundary
Approved Extraction Area
Receiver
Receiver (with Noise Agreement)
Map Source: ESRI Base Map (2021)
Scale
0 200 400 800
(metres)
Dixon Sand (No. 1) Pty Ltd
Figure 2
Pollution Incident Response Management Plan
Location of Receivers
Plan No: PIRMP Fig 2
Version Date Drawn By
2.0 11/07/2024 HC
N


S
Shower &
Toilet
C
Pallet Racking
Pallet Racking
Locked
Caged
Storage
Area
Oil Farm -
New and Used
Legend
Workshop Perimeter
Roller Door
Emergency Egress
First Aid Kit + Eye Wash Station
Fire Extinguisher
Spill Kit / Equipment
Fire Reel
Switch Board
Air Compressor
Fixed Infrastructure
Project Environmental Services
Map Source: Mud Map (HC)
Scale
0 120 200 400
(metres)
Dixon Sand Pty Ltd
Figure 3
Maintenance Workshop Mud Map – Locations of Safety and Environmental Equipment
Plan No: PIRMP Fig 3
Version Date Drawn By
1.0 08/07/2025 HC
N

Appendix A

PIRMP Training and Testing

Test Date	Test Organiser	Details
11/07/2014	Hunny Churcher	As per Toolbox Talk record
29/03/2016	Hunny Churcher	As per Toolbox Talk record
23/03/2019	Hunny Churcher + Rowan Russell	As per Toolbox Talk record
13/03/2020	Hunny Churcher + Rowan Russell	As per Toolbox Talk record
12/03/2021	Hunny Churcher + Rowan Russell	As per Toolbox Talk record
22/04/2022	Hunny Churcher + Rowan Russell	As per Toolbox Talk record
21/07/2023	Hunny Churcher + Rowan Russell	Training Provided to operators. Mock Incident: Dump Truck Rollover with diesel spill and driver trapped.
18/07/2024	Hunny Churcher	Training provided to operators. Mock incident: Hydrocarbon spill on hardstand area in workshop. Incident not reportable. Refer to Training Attendance Sheet
08/07/2025	Jamie Baker	Mock incident: Hydrocarbon spill on hardstand area in workshop. Incident not reportable. Refer to Training Attendance Sheet