Pollution Incident Response Management Plan

Old Northern Road Quarry

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2.0	26/09/2013	Reviewed pollution inventory and risk assessment	T.M.	D.D.
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4.0	19/08/2015	Reviewed pollution inventory and risk assessment. Revised Dixon Sand contacts	H.C.	D.D.
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5.0	16/03/2018	Reviewed pollution inventory and risk assessment. PIRMP applicable to Old Northern Road Quarry only (PIRMP for Haerses Road Quarry prepared separately). Updated list of receivers and Agency contacts	H.C.	D.D.
6.0	15/03/2019	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.
7.0	13/03/2020	Update contact numbers and roles	H.C. / R.R. / M.M. / B.G.	D.D.
8.0	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.
9.0	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.
10	10/07/2024	Review and update risk assessment, legislation, contact details and pollutant register	H.C. / R.H. / J.B./ C.S./B.G./M.M.	D.D
11	16/06/2025	Review and update contact details, pollutant register and figures	H.C. / J.B. / C.S. / M. M. / B.S.	D.D
12	07/07/2026	Updated definition of material harm, company website link, EPL scheduled activity/fee category, contact lists, pollutants list, figures	H.C. / C.S. / M. M. / B.S.	D.D

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Appendix

Appendix A Training and Testing

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 # 3916, Development Consent DA 250-09-01, legal and other requirements.

The purpose of the PIRMP is to set out how pollution incidents and impacts which have the potential to occur during activities associated with the operation of the Old Northern 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 if a pollution incident occurs.

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:

(1) For the purposes of this Part -
   a) harm to the environment is material if:
      I. It involves actual or potential harm to the health or 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 $50,000 (or such other amount as is prescribed by the regulations), and
   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.

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 Old Northern 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 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 Old Northern 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	3916	
Premise name and address	Old Northern Road Quarry 4610 Old Northern Road, Maroota NSW 2756	
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.dixonquarrygroup.com.au	
Scheduled activity (Act)	**Licensing Fee Category (Regulation)**	**Scale**
Crushing, grinding or separating	Crushing, grinding or separating	> 100000 – 500000 T annual processing capacity
Extractive activities	Other extractive activities	> 100000 – 500000 T annually extracted or processed

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 3916 – Old Northern Road Quarry*
- *Development Application DA250-09-01 – Old Northern Road Quarry*
- *Protection of the Environment Operations Act, 1997 (POEO Act)*
- *Protection of the Environment Operations (General) Regulation, 2022*
- *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 (Workshop)	*Polluting Incident* 1. Chemical spill to land/water from fuel tanks/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)	2 (Major) 3 (Moderate)	**High** **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 • All maintenance work is generally undertaken on a concrete hard stand *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 7 • Remove contaminated material from site by licenced contractor/facility	D (Unlikely) D (Unlikely)	2 (Major) 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 7 • 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 and channel Note: dam is cut into rock	*Polluting Incident* 1. Dam and channel walls seeping and releasing water offsite 2. Sediment laden water released from weir *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 of discharge as per EPL conditions (daily samples taken during discharge) • Follow incident response procedure outline in Section 7	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 • Metal Recycle • Hazardous	*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. • Coffee pods returned to supplier for recycling. *Incident Control Actions* • Follow incident response procedure outline in Section 7 • 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 7 • 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 bowser 2. 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) D (Unlikely)	4 (Minor) 4 (Minor)	**Low** **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 *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 7 • Remove contaminated material from site by licenced contractor/facility	E (Rare) E (Rare)	3 (Moderate) 3 (Moderate)	**Low** **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 7 • 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)	4 (Minor)	**Low**	*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 7 • Pump out tank using licenced operator	E (Rare)	4 (Minor)	**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 7	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 7	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 7 • 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	40,000 L	Main Fuel Storage Tank near Workshop	Concrete bund around tank, tank share valve, spill kits x 2
Diesel	3,000 L	Mobile Fuel Tank on Truck	Spill kit on Truck
Diesel	6,000 L	Mobile Fuel Tank (on Trailer)	Spill kit on Trailer
Oils (Air pumps) • MX ESP 15w40 engine oil • DTE EXCEL 46 hydraulic oil • DTE EXCEL 68 hydraulic oil	3 x 208 L	Workshop	EPA approved bunded tanks, shut off valve, spill kits x 2
Coolant (hand pump)	208 L	Workshop	EPA approved pallet bund, spill kits x 2
Oils (Waste)	2 x 1,200 L	Workshop	Bunded waste oil tank (capacity as per EPA regs)
2-Stroke Petrol	2 x 5 L	Bush Regeneration Contractor Vehicle	Approved storage container with absorbent material in the base
Grease (Drum)	1 x 220 L 1 x 220 L	Back of Fuel Bowser Fuel Trailer	Fully contained pumping system, waste drums removed by licenced contractor, spill kits x 2
Grease (Cartridges)	80 kg	Workshop / Plant	Secured in lockable containers, waste cartridges removed from site by licenced contractor
Lubricant	1 x 5L	Caged Area in Workshop	Secured caged area, SDS
Paint	10 x 4L	Caged Area in Workshop	Secured caged area, SDS, Flammable liquid cabinet
Paint	4 x 20L	Caged Area in Workshop	Secured caged area, SDS, Flammable liquid cabinet
Brake Cleaner	20L	Caged Area in Workshop	Secured caged area, SDS
Truck Wash & Wax	20L	Caged Area in Workshop	Secured caged area, SDS
Herbicide, dye and wetting agents: • Glyphosate • Chemwet • Enviro-dye • Metsulfuron Methyl • Vigilant	 2 x1L 1 x < 1L 1 x < 1L 2 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
Main Sediment Dam	7 Megalitres	South-western corner of site	Pump system back to storage ponds and washery, level monitored daily, water tested for pH and Total Suspended Solids and flocculated (if required) prior to approved discharge

7.0 Pollution Incident Response Contact Details

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

Name	Position	Contact Number
David Dixon	Quarry Manager ONR (Managing Director)	UHF Ch. 5 Office - 02 4566 8348 Mobile – xxxx xxx xxx (24hrs)
Mick Munnoch	Quarry Manager HR (Operations Manager HR)	UHF Ch. 5 Office - 02 4566 8348 Mobile – xxxx xxx xxx (24hrs)
Jamie Baker	Business Manager	UHF Ch. 5 Office - 02 4566 8348 Mobile – xxxx xxx xxx (24hrs)
Hunny Churcher	Environmental Officer	Mobile – xxxx xxx xxx (24hrs)
Colleen Stephens	Safety and Support Officer	UHF Ch. 5 Office - 02 4566 8348 Mobile – xxxx xxx xxx

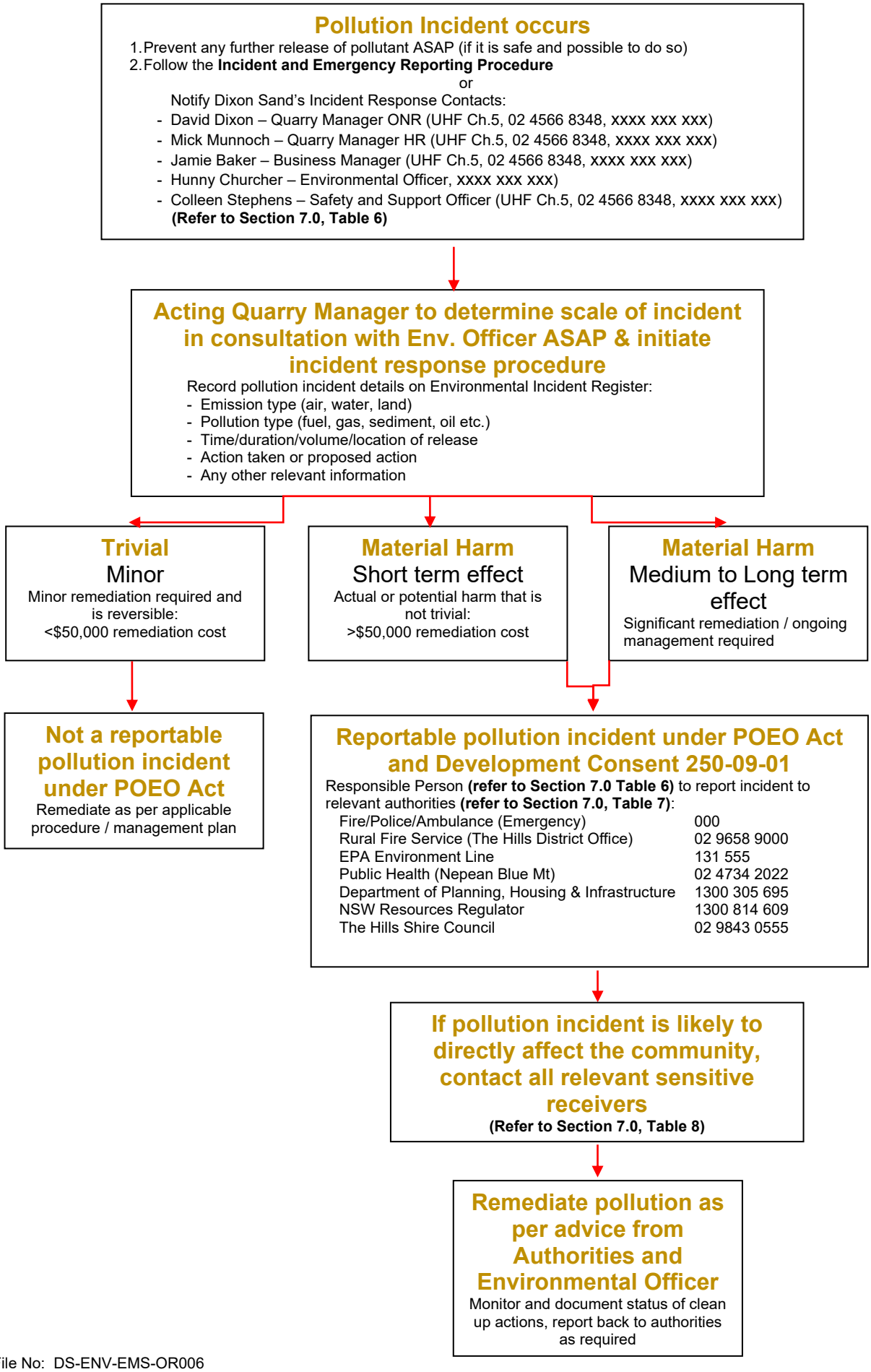
Table 7: Authorities Incident Contact Details

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)
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

Table 8: Receivers on EPL 3915 (Old Northern Rd Quarry)

Name	Address
Maroota Public School	4540 Old northern Road, Maroota
R1 – Private property	4590 Old northern Road, Maroota
R2 – Private property	4579 Old northern Road, Maroota
R3 – Private property	4567 Old northern Road, Maroota
R4 – Private property	4547 Old northern Road, Maroota
R5 – Private property	4543 Old northern Road, Maroota
R6 – Private Property	4634 Old northern Road, Maroota

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.

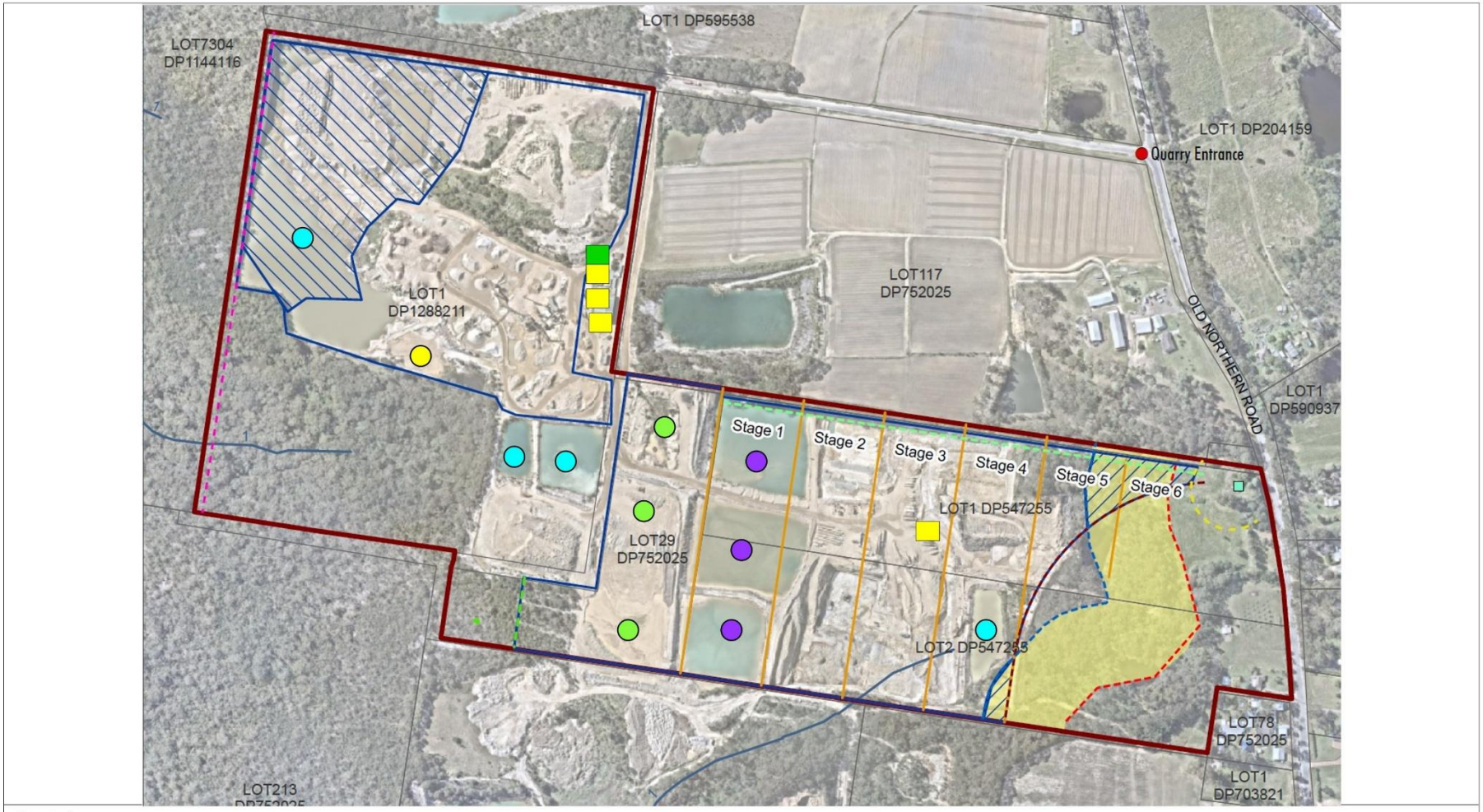
The incident response and action flow chart (Section 8) will also be made available as a notice posted at appropriate locations around the site office, workshop area and as part of the spill kits.

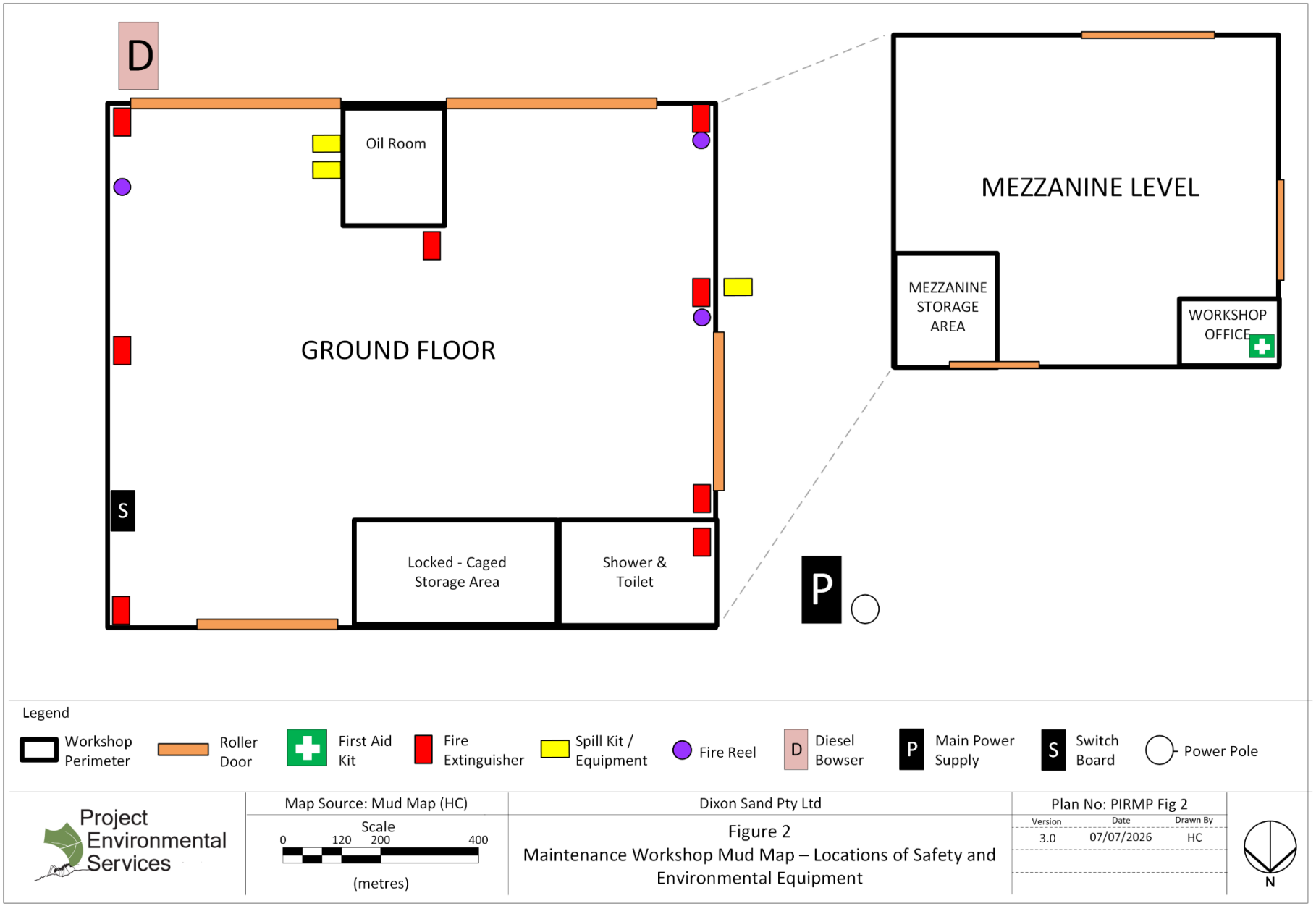
Annual testing and review of this Plan is to be undertaken, which would involve two components. The first component will involve a desktop review of the plan components to ensure all details are up to date and still relevant to site operations. The second component will involve a practical exercise with 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


LOT1 DP595538
LOT7304
DP1144116
LOT1 DP204159
Quarry Entrance
LOT117
DP752025
LOT1
DP1288211
OLD NORTHERN ROAD
LOT1
DP590937
Stage 1
Stage 2
Stage 3
Stage 4
Stage 5
Stage 6
LOT1 DP547255
LOT29
DP752025
LOT2 DP547255
LOT78
DP752025
LOT1
DP703821
LOT213
Legend
Lot Boundary
Spill Kit
Emergency Muster Point
Water Storage
Sediment Pond (Active)
Sediment Pond (Decommissioned and undergoing rehabilitation)
Water Channel
Map Source: Nearmap (02/10/2025)
Scale
0
120
200
400
(metres)
Dixon Sand Pty Ltd
Figure 1
Pollution Incident Response Management Plan
Old Northern Road Quarry Site Plan
Plan No: PIRMP Fig 1
Version
Date
Drawn By
12
07/07/2026
HC
N


D
Oil Room
GROUND FLOOR
MEZZANINE LEVEL
MEZZANINE STORAGE AREA
WORKSHOP OFFICE
S
Locked - Caged Storage Area
Shower & Toilet
P
Legend
Workshop Perimeter
Roller Door
First Aid Kit
Fire Extinguisher
Spill Kit / Equipment
Fire Reel
D Diesel Bowser
P Main Power Supply
S Switch Board
Power Pole
Project Environmental Services
Map Source: Mud Map (HC)
Scale
0 120 200 400
(metres)
Dixon Sand Pty Ltd
Figure 2
Maintenance Workshop Mud Map – Locations of Safety and Environmental Equipment
Plan No: PIRMP Fig 2
Version 3.0
Date 07/07/2026
Drawn By HC
N

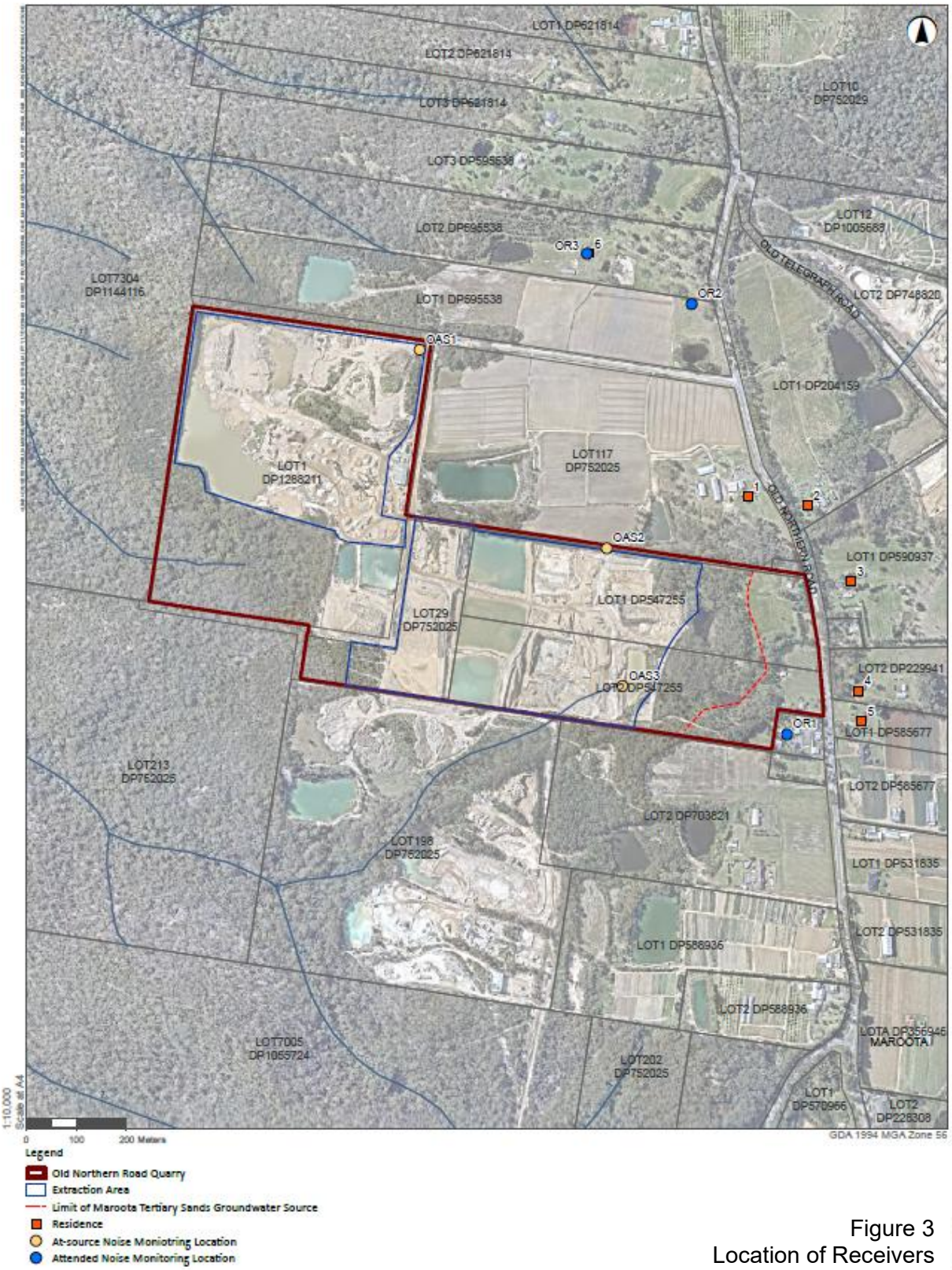


Figure 3
Location of Receivers

Image Source: Nearmap (02-10-2025) Data source: NSW LPI (2026), NSW DSFI (202); NPWS Estate (2026)

Appendix A

PIRMP Training and Mock Incident Record

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.
19/07/2024	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	Hydrocarbon spill on hardstand area in workshop. Incident not reportable. Refer to Training Attendance Sheet
06/07/2026	Hunny Churcher + Mick Munnoch + Colleen Stephens + Brandon Steen	Mock incident: Dump truck arrived at Workshop southern hardstand. Fuel line melted onto turbo engine causing an explosion. Dump truck alight releasing plume of black smoke into the air. Reportable incident Refer to MOCK Incident Form