



P O Box 4100  
SWANVIEW WA 6056

15 December 2024

Planning,  
City of Albany,  
PO Box 484,  
ALBANY WA 6331

Dear Sir/Madam,

Please find attached documents in support of an additional/extended Extractive Industries licence located at Lot 50 (#13) Attwell Rd, Cuthbert, Albany.

This application is submitted as an extension of that previously approved (P295368) to facilitate the transition of that area into a rehabilitation phase whilst maintaining adequate supplies for industry.

As an existing operation the site already has the required infrastructure and is currently used for the purpose of extracting raw materials in support of local development and infrastructure ie. housing subdivisions, retail building construction, agricultural industry and the recent Albany Ring Road.

Extraction of material is undertaken by local contractors using Front Wheel Loaders and Tracked Excavators – GAME Resources does not employ staff. GAME Resources undertakes all pit operations and rehabilitation works with sub-contractors being engaged to load and truck material to external sites.

The site is registered and compliant with the reporting and safety obligations of the Department of Energy, Mines, Industry Regulation and Safety and WorkSafe Inspections.

The applicant is a registered Senior Site Executive and is an Appointed Person in accordance with Section 44 of the Mines Safety Inspection Act 1994.

The initial licence was approved on 21 May 2010 and despite recent issues detailed below there have been no negative reports to suggest a risk on approval of this application:

1. Extraction outside the approved area.

- a. As a result of misplaced original approval documents (marriage breakdown resulting in lost documents and the inability to secure the original site maps detailing boundary limits from the City of Albany) operations crept beyond the approved area. Upon notification extraction activities in this area ceased immediately pending submission of this application.
- 2. Dust Management
  - a. City of Albany commenced compliance activity based on complaints from a neighbouring property. Despite discussions to the contrary with neighbours we have been unable to secure any specific details (refer to Freedom of Information request) – however, in the attached Work and Excavation Programme the subject of dust has been addressed and mitigated.
- 3. Refuelling onsite
  - a. The property is located within a water catchment area – it has been confirmed that no refuelling or machinery maintenance occurs within the extraction area that would pose a significant risk to any ground water resources.
  - b. City of Albany officers have previously required that all machinery being refuelled for the purposes of the extraction industry can only occur within a bunted refuelling zone. We have been unable to gain clarification from the relevant authorities with regard to refuelling in a P2 water catchment area.
  - c. Although there is no refuelling undertaken within the extraction zone. When refuelling activities occur outside this area spill trays are a requirement of refuelling and spill kits are provided on site in the event of a spill.

However, refuelling only applies to track machines as all wheeled plant is mobilised offsite for refuelling as requested.

Current operations comply with the relevant provisions of the Local Planning Scheme (Schedule 6, table 13, points 1-4) – a Works and Excavation Program is attached to satisfy point 5.

Thanks in advance,

***Gerard M Attwell***

Gerard M Attwell,  
T/as GAME Resources.

Cc Jessica Anderson

***Attachments:***

Works and Excavation Program – incl Survey documents  
Rehabilitation Program  
CoA Development Application  
Environmental Management Plan





NOTE: TBM COORDINATES ARE BASED UPON  
STATIC GPS CONNECTIONS TO SSM ALB147  
AND BENCH MARK F275A  
THE RMS ERROR OF THE STATIC BASELINES IS 12mm  
Mark Anderson 21/01/2025  
M. ANDERSON LICENSED SURVEYOR

**35 DEGREES  
SOUTH  
ADVANCED  
SURVEYING**

## LOT 50 (#13) ATTWELL ROAD, CUTHBERT FEATURE & CONTOUR SURVEY

JOB No:	5998	SURVEY DATE:	28/11/2024	ISSUE	DATE	TYPE	BY	CHKD
CLIENT:	GERARD ATTWELL	COORDINATE SYSTEM:	ALB2020	A	06/12/2024	ORIGINAL ISSUE	SP	MA
AUTHORITY:	CITY OF ALBANY	HEIGHT DATUM:	AHD	A	21/01/2025	TBM AND ACCURACY STATEMENT ADDED	MA	MA
PLAN:	D94469	SCALE:	1:500					
C/T VOL. FOL:	2660/900	ORIGINAL SHEET SIZE:	A0					
DRAWING No:	DWG5998-01	<b>SEE LEGEND FOR IMPORTANT NOTES &amp; DISCLAIMERS</b>						

08 9842 3766

admin@35degreesouth.com.au

Argyle Building, 46 Stirling Terrace, Albany WA 6330  
Unit 2B, 113 Dempster Street, Esperance WA 6450

ISO 9001 certified  
Equal Assurance

ISO 45001 certified  
Equal Assurance

SHEET 1 of 2



# LEGEND

	CADASTRAL BOUNDRY - K
	BRICK PAVING - BP
	EDGE OF CONCRETE L/R - SE/SF
	BUILDING L/R - SY/SZ
	VERAND A - SV
	SHED - HD
	STEPS OR STAIRS - SS
	RAMP - SR
	HANDRAIL - S
	GATE - GG
	FENCE - F0
	KOPPA LOGGING FENCE - FC
	WALL L/R - SJ/SK
	RETAINING WALL L/R - SL/SM
	TREE CANOPY - GT
	BUSH-LINE - GS Hedge GH
	LAWN - GC
	GARDEN BED - GD
	PARK BENC / SEATING - BS
	BANK TOP L/R - NT/NU WG/WF
	BANK BOTTOM - NB
	RIDGE - NR
	LINE OF LEVELS - N0
	ROCK OUTCROP L/R - GQ/GR
	ROCK PITCHING - TR
	EDGE OF DRAIN L/R - DD/DE
	DRAIN - D0
	CULVERT (PIPE) - DC
	HEADWALL - D
	EDGE OF WATER L/R - WL/WK
	CREEK UP/DOWNSTREAM - WB/WC WN/WM
	WET AREA - WA
	FOOTPATH - GF
	CENTRE OF ROAD - RC
	ON ROAD (SEALED STRING) - R0
	KERB TOP BACK OF - RK
	KERB BOTTOM / GULLY - RB
	PEDESTRIAN RAMP - RP
	EDGE OF DRIVEWAY - RD
	TRACK - RT
	EDGE OF BITUMEN - RE
	EDGE OF UNSEALED ROAD - RU
	SHOULDER - RS
	LANE MARKINGS (Single Solid Line) - RR
	LANE MARKINGS (1m Line With 3m Gap) - RV
	LANE MARKINGS (3m Line With 9m Gap) - RM
	OVERTAKING LANE (Solid Line & 3m Line) L/R - RJ/RO
	DOUBLE BARRIER LINE (Solid Lines) - RI
	PARKING BAY (REST AREA ETC) - RF
	GUARDRAIL - T RIE - BT
	SIGN MULTIPLE POLES - RN
	BUS SHELTER - SB
	ON RAIL - RY
	WATER PIPE - QW // W // WP
	U/G DRAINAGE PIPE - QC // HC // DP
	U/G SEWER PIPE - QS // HS // DA
	U/G RETICULATION - QX // HX
	OVERHEAD POWER LINES - EA
	U/G ELECTRIC CABLE - QE // E
	U/G GAS LINE - QG // HG
	GAS CYLINDER/TANK - EK
	U/G TELSTRA / OPTUS COPPER - QT // HT / QP // HP
	U/G TELSTRA / OPTUS OPTIC FIBRE - QV // HV / QO // HO
	U/G UNKNOWN U/G SERVICE - QU // HU

	ALIGNMENT CONTROL POINT (RRM) - PAC
	BENC MARK - PBM
	CADASTRAL PEG or POST - POP
	PEG - PPG
	PHOTO POINT - PPH
	SPRING EAD NAIL - PSH
	STAR IRON PICKET - PSI
	SPIKE - PSK
	STANDARD SURVEY MARK (SSM) - PSM
	MINOR CONTROL POINT - PSS
	TEMPORARY BENCHMARK - PTB
	GRASS TREE / PALM - PBB/PLM
	BUSH - PBU
	TREE 0.1-0.3m TRUNK DIA - PTA
	TREE 0.3-0.5m TRUNK DIA - PTD
	TREE 0.5-1.0m TRUNK DIA - PTF
	TREE >1.0m TRUNK DIA - PTG
	TREE STUMP - PTY
	BOLLARD - PBL
	FLAGPOLE - PFG
	MAIL BOX - PMB
	LITTER BIN - PLB
	SIGN ONE POLE - PIS
	FINGER SIGN - PFS
	SLK POST - PRK
	BUS STOP - PBS
	WATER METER - PWM
	WATER TAP - PWT
	STOP VALVE - PSV
	FLUS ING POINT - PWF
	WATER MAIN MARKER - PWR
	STANDPIPE - PST
	BOREHOLE/WATER BORE - PBH
	SEWER INSP. SHAFT/PROPERTY CONN. - PSA/PPC
	SEWER VENT - PSW
	FIREHOSE REEL - PFH
	HYDRANT (GROUND) - PHG
	HYDRANT PILLAR - PHP
	RETIC CONTROL VALVE - PSU
	METER BOX - PBO
	ELECTRIC POWER DOME - PED
	ELECTRIC CABLE MARKER - PSC
	POWER POLE - PPP
	ELECTRIC SUPPLY POLE - PPE
	STAY POLE - PSP
	STEEL WIRE ANC OR - PWA
	GAS VALVE - PGV
	GAS MARKER - PGM
	TELSTRA PIT or BOX - PPB
	TELSTRA MARKER - PTM
	TELSTRA ELEVATED JOINT - PTJ
	GULLY - DG
	SIDE ENTRY PIT - DX
	DRAINAGE MANHOLE - DW
	SEWERAGE MANHOLE - DS
	ELECTRIC MANHOLE - EU
	TELSTRA MANHOLE - VM
	UNDEFINED MANHOLE - DU
	RAIL CABLE MANHOLE - DZ



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Argyle Building, 46 Stirling Terrace, Albany WA 6330  
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## Disclaimer

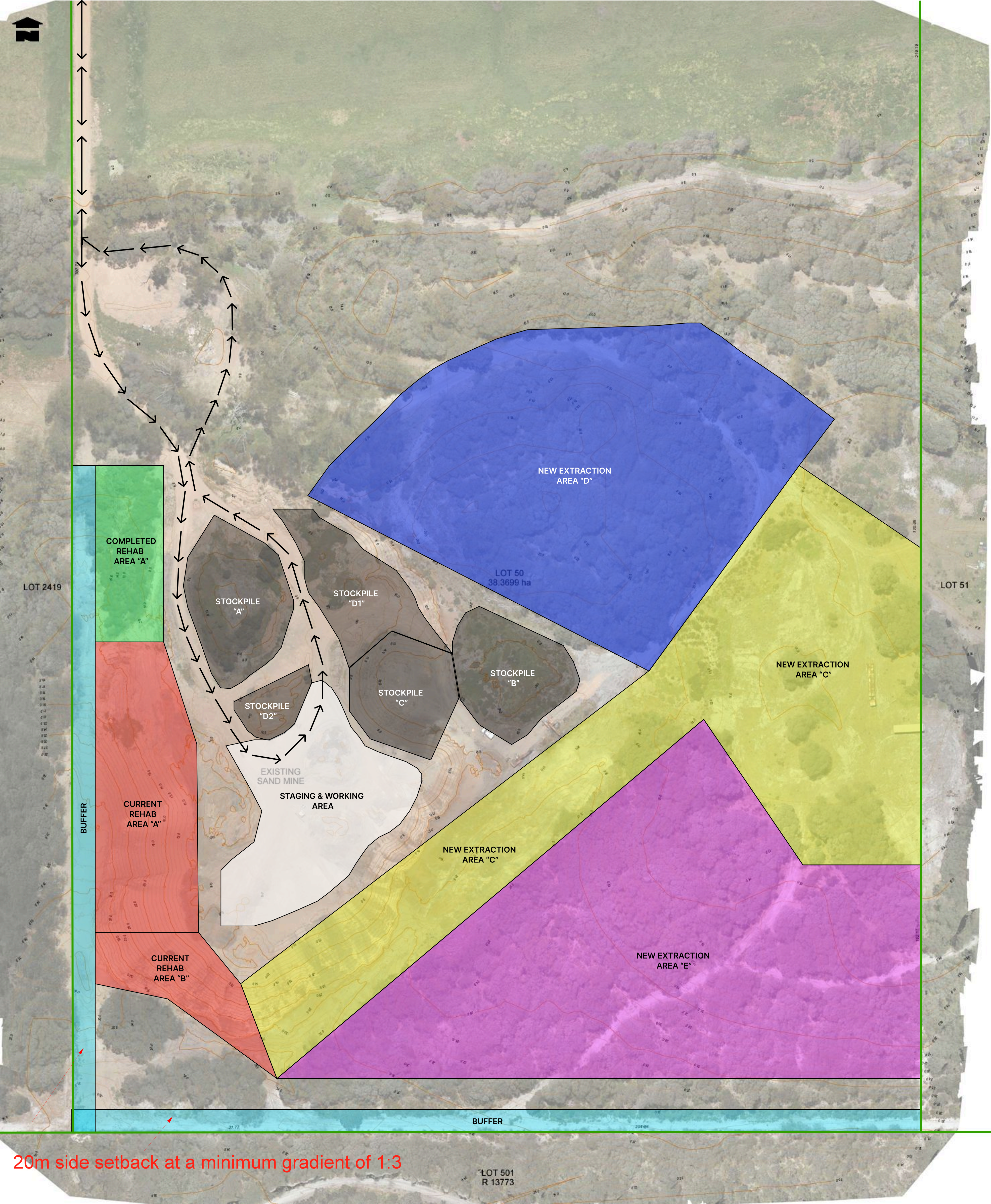
35 Degrees South has taken due care in the preparation of this drawing, but accepts no responsibility for any inaccuracy of the high water mark position or the cadastral information, nor inappropriate use of this information the cadastral and high water mark location are obtained from landgate's digital cadastral database no responsibility can be accepted for any damage caused to any underground service or any loss or injury so suffered if inquiry and verification have not been completed in accordance with this note.

The information shown on this drawing is current as at the date of survey. Earthworks/setout dimensions may vary on site at builders discretion  
Sewer/drainage may vary from schematic presentation. Check minimum clearance. Retaining not included/in addition to contract remains owners responsibility. For easements check Certificate of Title. This is a site survey only, the location of boundary pegs or fences in relation to boundary is not guaranteed.

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COMPLETED  
REHAB  
AREA "A"

CURRENT  
REHAB  
AREA "A"

CURRENT  
REHAB  
AREA "B"

STOCKPILE  
"A"

STOCKPILE  
"D1"

STOCKPILE  
"D2"

STOCKPILE  
"C"

STOCKPILE  
"B"

EXISTING  
SAND MINE

STAGING & WORKING  
AREA

NEW EXTRACTION  
AREA "D"

LOT 50  
38.3699 ha

NEW EXTRACTION  
AREA "C"

NEW EXTRACTION  
AREA "C"

NEW EXTRACTION  
AREA "E"

20m side setback at a minimum gradient of 1:3





Proposed New Extraction Area = 2 hectares – 2024/25

Cuthbert



## Coordinates – latitude/longitude

Point 1	S35°01'42"	E117°47'14"
Point 2	S35°01'43"	E117°47'14"
Point 3	S35°01'45"	E117°47'16"
Point 4	S35°01'40"	E117°47'22"
Point 5	S35°01'42"	E117°47'23"
Point 6	S35°01'41"	E117°47'27"
Point 7	S35°01'36"	E117°47'26"
Point 8	S35°01'36"	E117°47'25"
Point 9	S35°01'43"	E117°47'18"
Point 10	S35°01'42"	E117°47'15"



# ENVIRONMENTAL MANAGEMENT PLAN

**GERARD MAJELLA ATTWELL**  
**G.A.M.E. RESOURCES**  
**ABN: 25 767 172 219**

**Extraction Site: Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY**



I am aware that section 491 of the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) makes it an offence in certain circumstances to knowingly provide false or misleading information or documents to specified persons who are known to be performing a duty or carrying out a function under the EPBC Act or the Environment Protection and Biodiversity Conservation Regulations 2000 (Cth). The offence is punishable on conviction by imprisonment or a fine, or both. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed \_\_\_\_\_ *Gerard M Attwell* \_\_\_\_\_

Full name (please print) \_\_Gerard M  
Attwell\_\_\_\_\_

Organisation (please print) \_\_GAME  
Resources\_\_\_\_\_

Date \_\_16\_\_/\_12\_\_\_\_\_/\_\_2024\_\_

GERARD M ATTWELL  
Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY  
Environmental Management Plan

September 2024



## **Table of contents**

- 1. Introduction**
- 2. Scope**
- 3. Environmental management roles and responsibilities**
- 4. Emergency contact**
- 5. Reporting**
- 6. Environmental training**
- 7. Training Records**
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- 9. Risk assessment**
- 10. Review**
- 11. Post-Approval Roles and Responsibilities**



## 1. Introduction

This Environmental Management Plan is designed to provide assurance that all extraction activities undertaken at the site are done so in accordance with all applicable Commonwealth, State and Local Government requirements.

## 2. Scope

The scope of work undertaken shall include:

- Clearing of vegetation (in accordance with clearing permit CPS5664/1)
- Processing of raw resources in the maintenance of internal roads and rehabilitation of the site
- The extraction and transportation of raw materials

## 3. Environmental management roles and responsibilities

License holder: Gerard Majella Attwell

- Section 44 of the Mines Safety Inspection Act 1994  
Appointed Person (17/05/2021)
- Senior Site Executive as registered with the  
Government of Western Australia,  
Department of Energy, Mines, Industry Regulation and Safety

Responsibilities: To ensure that all relevant bodies are duly informed of all notifiable incidents (injury, spills etc).  
Ensure surveillance equipment is maintained.

Subcontractors: Shall ensure operators are aware of what constitutes a notifiable incident and report accordingly

## 4. Emergency contact:

**Gerard Majella Attwell**  
**PH: 0456 537 982**



## **5. Reporting**

An onsite register shall be maintained and include the following information:

- Identified risk
- Notifying person
- Responsible person
- Record of actions taken to mitigate risk

The City of Albany and other relevant governing bodies will be advised immediately in writing of any environmental incidents and subsequent corrective action taken.

A quarterly review of compliance with this plan will be undertaken at which time the City of Albany and other relevant governing bodies will be advised of any non-compliance and proposed corrective action.

## **6. Environmental training**

People to be trained include those at the site including contractors, subcontractors and visitors. The training will be tailored to the role of the individual on site as determined by the License holder.

All contractors will be expected to ensure their staff receive relevant environmental training prior to entering the site.

This may include but is not limited to:

- Site inductions relevant to their roles
- Identification of key points of environmental value and any relevant matters of environmental significance
- Understanding the requirements of the environmental management plan and the individual's role
- Environmental incident emergency response procedures

## **7. Training records**

An onsite register of training provided will be maintained providing information such as:

- The person receiving the training and
- The date the training was completed
- The name of the person conducting the training
- A summary of the training.



## 8. Risks Identified

An environmental site impact assessment has been undertaken and the risks are detailed below:

- Hazardous substance spills
- Risk of fire from combustion of windrows
- Noise control during peak periods of work
- Vibration of plant and/or equipment
- Dust emissions causing a nuisance to adjoining dwellings
- Visible smoke emissions from site vehicles and plant
- Litter
- Waste control
- Risk to water aquifer

## 9. Risk Assessment

The following qualitative risk assessment has been undertaken in accordance with AS ISO 31000:2018 Risk management guidelines.

Risk	Likelihood	Consequence	Rating
Hazardous substance spills	Rare	Moderate	Low
Risk of fire from combustion of windrows	Unlikely	Moderate	Low
Noise control	Unlikely	Minor	Low
Vibration of plant	Unlikely	Minor	Low
Dust emissions	Likely	Minor	Low
Smoke emissions	Unlikely	Minor	Low
Litter	Possible	Minor	Low
Waste control	Possible	Minor	Low
Risk to water quality	Unlikely	Minor	Low
Weed, seed and soil contamination	Unlikely	Moderate	Low

### Environmental management controls

Risk	Rating	Control
Hazardous substance spills	Low	<ul style="list-style-type: none"><li>• Spill kits and hydro carbon bins are provided on-site</li><li>• Any spill exceeding 1litre to be reported immediately</li><li>• Refuelling of plant will NOT be undertaken within the extraction area</li><li>• There is no storage of chemicals or fuels within the extraction area</li></ul>
Risk of fire from combustion of windrows	Low	<ul style="list-style-type: none"><li>• Firefighting equipment provided on-site</li><li>• ALL activity on-site is to cease on designated 'Extreme' fire weather days eg. Harvest BOM</li><li>• All authorised personnel onsite to be aware of emergency</li></ul>



		procedures (refer attachment Emergency Plan)
Noise control	Low	<p>Ensure compliance with Environmental Protection (Noise) Regulations 1997 by:</p> <ul style="list-style-type: none"> <li>• Adherence to the hours of operation of the extraction pit</li> <li>• Maintain buffers</li> <li>• Plant risk assessments to be undertaken prior to moving any plant or equipment to site.</li> </ul>
Vibration of plant	Low	<ul style="list-style-type: none"> <li>• Plant risk assessments to be undertaken prior to moving any plant or equipment to site.</li> </ul>
Dust emissions	Low	<p>As set out in the Environmental Protection Act 1986</p> <ul style="list-style-type: none"> <li>• In consultation with affected stakeholders, every effort will be made to avoid and minimise emissions affecting nearby dwellings</li> <li>• Operators on-site to advise instances of extreme dust emissions immediately</li> <li>• during periods of extreme weather causing dust affecting nearby dwellings <ul style="list-style-type: none"> <li>○ Cease operations</li> <li>○ Employ the use of sprinklers and water carts to reduce emissions</li> </ul> </li> </ul>
Smoke emissions	Low	<p>As set out in the Environmental Protection Act 1986</p> <ul style="list-style-type: none"> <li>• every effort will be made to avoid and minimise emissions affecting nearby dwellings</li> </ul> <p>It is anticipated smoke would likely be the result of fire, as detailed above all personnel on-site are to be aware of emergency protocols.</p>
Litter	Low	All personnel granted entry to the site are responsible to ensure all litter is placed in the bins provided.
Waste control	Low	Off-site fill will be clean soil, free of weed material or of non-contaminated inert type 1 waste as defined by the Landfill Waste Classification and Waste Definition 2009.
Risk to water quality	Low	As the property is in a designated P2 Water Catchment Area all users have been advised (and comply) that there is STRICTLY no refuelling to occur.



		Similarly, NO fuel or hazardous materials are stored within the site and are double bunted within the fuelling areas.
Weed, seed and soil contamination	Low	All machinery prior to entering the site is to be thoroughly cleaned and free of vegetation and soil. All track machinery utilised in the day-to-day operations and rehabilitation activities within the site are owned and operated by GAME Resources and as such do not leave site ensuring no importation of weeds, seeds and contaminated soils eg. Dieback

The above risks and associated controls will be the responsibility of the licensee who, at any given point in time will reserve the right to cease operations for the purposes of checking compliance and/or rectifying instances of non-compliance.

## 10. Review

A review of this environmental management plan will be undertaken:

- Following any reported environmental incident
- An identified need to improve performance in an area of environment impact

## 11. Post-approval roles and responsibilities

Whilst it is intended that compliance with the Environment Management Plan and implementation of associated controls will mitigate all identified risks the licensee undertakes to regularly review ensuring operations are being undertaken in compliance with the approved Environment Management Plan.



# EMERGENCY PLAN

**GERARD MAJELLA ATTWELL  
G.A.M.E. RESOURCES  
ABN: 25 767 172 219**

**Extraction Site: Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY**



GERARD M ATTWELL  
Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY  
Emergency Plan  
December 2024



## **Table of contents**

- 1. Scope and application**
- 2. Emergency contacts**
- 3. Site Manager – Roles & Responsibilities**
- 4. Workers/Sub-contractors – Roles & Responsibilities**
- 5. Evacuation procedures**
- 6. Emergency procedures**



## 1. Scope and application

This Emergency Plan seeks to identify potential events and occurrences that may occur and their subsequent reactions.

## 2. Emergency contacts

Contact	Name	Phone number
Site Manager	Gerard Attwell	0456 537 982
Emergency services – triple zero	Fire/police/ambulance	000
City of Albany Emergency Service Co-ordinator		08 6820 3000
Police	Albany Station	08 9892 9300
State Emergency Services (SES)	Albany	132 500
Nearby businesses	Phil Attwell (Blocktek)	0408 412 570
Western Power	Emergencies	13 13 51
Department of Water and Environmental Regulation (DWER)	Albany Regional Office	08 9841 0100
Department of Mines, Industry Regulation and Safety		08 9222 3333

## 3. Site Manager/appointed person – roles and responsibilities

- Co-ordinate the planning and preparation of the Emergency Plan
- Identify and analyse hazards
- Fire breaks to be maintained – we have adopted a 10m wide and minimum 6m vertical clearance as there are no regulation fire breaks on the adjacent property
- Ensure equipment is in working order
  - Surveillance cameras have been installed to monitor 24/7
  - Spill kits available at all times
  - Firefighting equipment available within short response time
  - Training in the use of firefighting equipment is current
- Monitor extreme weather events and mitigate risks accordingly
- Ensure contractors and their staff are adequately trained to identify risks, mitigate where necessary and are aware of emergency procedures
- In the event of an emergency:
  - Follow emergency services instructions
  - Notify active site personnel immediately
- Ensure adequate reporting and subsequent review of actions and potential procedural improvements
- Test the emergency plan annually and equipment quarterly

GERARD M ATTWELL  
Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY  
Emergency Plan  
December 2024



#### **4. Workers/sub-contractors – roles and responsibilities**

- Self-regulate – access to the extraction area is prohibited during 'extreme' weather forecasts
- Ensure training is provided in the use of site spill kits and disposal bins
- NO refuelling or maintenance within the extraction area
- In the event of an emergency make immediate contact with your supervisor and site manager.
  - Manage spills using the designated spill kits and training
  - Follow instructions and training in the case of evacuation
  - Attend regular training events

#### **5. Evacuation procedures**

- Where safe to do so leave the extraction area immediately via road.
- Follow Emergency Services instructions.
- Advise the Site manager and your supervisor immediately

#### **6. Emergency procedures**

- Call
  - Emergency Services
  - Site Manager/appointed person
  - Supervisor
- Follow all instructions from Emergency Services appointed personnel.



# REHABILITATION PROGRAMME

**GERARD MAJELLA ATTWELL**

**T/as G.A.M.E. RESOURCES**

**ABN: 25 767 172 219**

**Extraction Site: Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY**





## Objective:

As both the landowner and licensee, the aim is to reinstate the vegetation and habitat as the works progress, ensuring that at the completion of each rehabilitation stage the property is returned to its natural state and bears little resemblance to an extraction site.

Restoration and reinstatement of the extraction site is to be undertaken progressively as the pit develops through each stage.

## 1. Rehabilitation

The site will be suitably rehabilitated and re-contoured on a stage-by-stage basis including re-battering and sloping of banks, reseeding and stabilising old extraction areas. A diagram of areas is attached.

- a. Fill material from stockpiles D 1&2 to rehabilitation areas A&B for filling and shaping
- b. Overburden from stockpile B to rehabilitation area A&B for plant base over fill material
- c. Topsoil/seed bank and vegetation windrow from extraction areas B&C to rehabilitation areas A&B
- d. Sloping and re-contouring of batters shall be stepped at maximum 5 metre intervals with a minimum 3:1 slope achieved between 4 metre plateaus designed with an adverse crossfall of -2%. This approach at each level will ensure water runoff is infiltrated into the batter minimising erosion whilst ensuring good moisture retention for vegetation growth.
- e. Windrows of stockpiled vegetation shall be scatter spread over the slopes and plateaus to remain trafficable for maintenance and safety ensuring lower wind velocity and fauna habitat is maintained.



Rehab plan.pdf

## 2. Monitoring

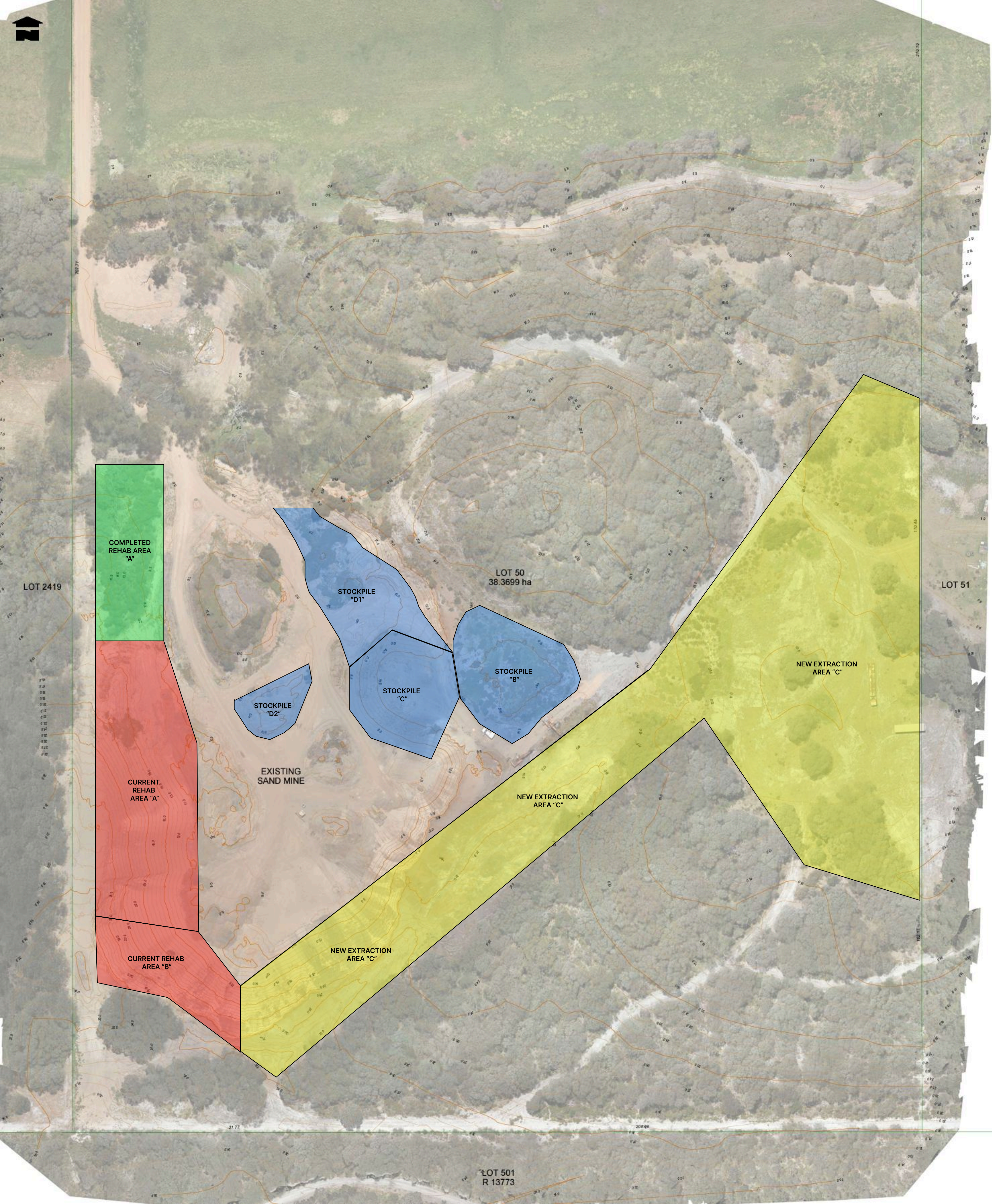
The site will be monitored on an ongoing basis until such time as the vegetation canopy is established to ensure a successful return to its natural state.

- a. A good spread of endemic species is prevalent in topsoil – Lot 50 Attwell Rd, Cuthbert is made of up 2 vegetation units; Karri Forest and Coastal Heath/Woodland a mosaic of Peppermint Low Forest, Coastal Heath, Coastal *Banksia ilicifolia*/Peppermint Low Woodland and Coastal Limestone Heath.
- b. any noxious weeds or exotic flora are identified and controlled accordingly
  - i. Sydney Golden Wattle – *Acacia Longifolia*
  - ii. Invasive grasses ie. kikuyu

## 3. Site cleanup

Removal of infrastructure, plant and refuge bins will be undertaken at the cessation of each stage of rehabilitation.







# WORKS AND EXCAVATION PROGRAMME

**GERARD MAJELLA ATTWELL  
T/as G.A.M.E. RESOURCES  
ABN: 25 767 172 219**

**Extraction Site: Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY**



GERARD M ATTWELL  
Lot 50 (#13) Attwell Rd, Cuthbert, ALBANY  
Works and Excavation Programme  
December 2024



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- 5. Compliance**
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- 7. Review**
- 8. Proposed Extraction Area**
- 9. Feature Survey**



## 1. Introduction

This Excavation Plan accompanies both an Environmental Management and Emergency Plans in support of a renewal and new area application of an Extractive Industry License under Council's Extractive Industries Local Law;

LOCAL GOVERNMENT ACT 1995 CITY OF ALBANY EXTRACTIVE INDUSTRIES  
LOCAL LAW 2009 as per the Government Gazette 12 February 2010

## 2. Current License #P295368

- a. Approved 21 May 2010
- b. A bond of \$1,800.00 is currently held by the City of Albany
- c. Expires 31 December 2024
- d. Held by: **Gerard Majella Attwell**
  - Section 44 of the Mines Safety Inspection Act 1994 Appointed Person (17/05/2021)
  - Senior Site Executive as registered with the Government of Western Australia, Department of Energy, Mines, Industry Regulation and Safety

## 3. Application

The attached application is submitted as the area approved in License P295368 – Area A has been exhausted and programmed to enter a rehabilitation phase. The proposed area requested in this license has an estimated duration of 10 years. Refer to attached diagram for details of the proposed excavation.

## 4. Emergency contact:

**Gerard Majella Attwell**  
**PH: 0456 537 982**

## 5. Compliance

The site is registered with the Department of Energy, Mines, Industry Regulation and Safety and WorkSafe Inspections.

The site complies with all mine specifications and regular onsite audits and reporting requirements – last audit November 2024 in which the following action items were identified:

- Traffic Management Plan to be updated and additional signage to be provided
- Improve bunting and delineation along the haul road

The applicant is a registered Senior Site Executive and is an Appointed Person in accordance with Section 44 of the Mines Safety Inspection Act 1994.

The site lies within a P2 Public Drinking Water Source Area located within the South Coast Water Reserve.



## 6. Works Program

a. Hours of operation	7:00am – 6:00pm Monday – Friday 7:00am – 5:00pm Saturday Closed – Sunday and Public Holidays No extraction outside these times
b. Extraction area	Pit area approximately 2ha allowing 150,000m <sup>3</sup> of agricultural lime, limestone and sand The extraction to occur in stages: <ul style="list-style-type: none"> <li>Area 1 as per the initial application is exhausted and entering rehabilitation phase</li> <li>Area 2 is current extraction area with approximately 20,000m<sup>3</sup> remaining</li> </ul>
c. Depth	Site will be excavated to a standard depth of between 6 and 25 metres. The area will be cleared of topsoil to a depth of no less than 0.3m and the material will be moved to rehab areas A & B for use in rehabilitation of the area.
d. Extraction method and on-site processing	Material will be mechanically extracted with Front Wheel Loader and Tracked Excavators If any screening is required it will be undertaken by mobile plant
e. Drainage/Water quality	Additional risks to water quality are noted due to the property location within a designated Public Drinking Water Source Area <ul style="list-style-type: none"> <li>Programme works to minimise the impact on the environment ie. <ul style="list-style-type: none"> <li>*Work in waterways in summer</li> <li>*Rehabilitation works not before there is sufficient moisture within soils to be used and appropriate to seed germination</li> </ul> </li> <li>Program work to limit the extent and duration of exposed earth.</li> <li>Retain in-situ vegetation where possible as it minimises exposed surfaces and assists in reducing wind velocity over the site to minimise soil loss to the wind</li> <li>Stockpiles will not be located near drainage lines or under tree drip lines</li> <li>Drains are already established to ensure all water is diverted to sediment ponds throughout the site with all drains to be constructed with exit points in the event of</li> </ul>



	<p>fauna being trapped within the drainage network.</p> <ul style="list-style-type: none"> <li>• NO refuelling or machinery maintenance occurs within the extraction area</li> </ul>
f. Sand drift	<p>As set out in the Environmental Protection Act 1986            *Note: it is acknowledged that the current extraction area has been problematic in that the exposed face is directly affected by the prevailing easterly winds that are particularly prevalent during the drier months.</p> <ul style="list-style-type: none"> <li>• On completion of rehabilitation of Area A this issue will be mitigated.</li> <li>• Work is programmed so that large sections of bare earth are not exposed at any one-time ie. minimise removal of vegetation and overburden – maximum stripping area will not exceed 5000m<sup>2</sup></li> </ul>
g. Air quality (dust control and plant emissions)	<p>Dust measurement is to be by observation of the site manager and/or appointed person and any other relevant stakeholders            In the event of excess dust generation</p> <ul style="list-style-type: none"> <li>• water carts, sprinkler systems or handheld water sprays will be utilised</li> <li>• trucks are required to cover loads to prevent material loss to the environment</li> <li>• in extreme weather conditions or, when controls are not sufficient, activities will be ceased</li> </ul> <p>Maintaining machinery in accordance with manufacturers specifications so that emissions would comply with the State Environmental Protection Policy (The Air Environment)            No fires permitted on site unless approved by the relevant authority eg CoA</p>
h. Access	<p>Existing haul tracks to be utilised, the applicant maintains all haul tracks within the site            Sufficient room has been provided for truck turn around operational area to maintain safety within a productive mine site.            Operational area to be a minimum of 2ha to maintain mining requirements and safety.            The applicant accepts responsibility for any undue damage to Attwell subject to:</p>



	<ul style="list-style-type: none"> <li>▪ Council grading the road in accordance with its Road Maintenance, Renewal and Upgrade guidelines (ie. 2-6 times per year)</li> <li>▪ Notification of how 'undue damage' will be measured.</li> </ul>
i. Traffic	<p>Truck movements are dependent on project demands. Eg. Max 6 trucks, movements max 60 per working day activities.</p> <p>A stacking area and one way loop for trucks has been established and is suitably signed to ensure safe pit operations, smooth flow of traffic and heightened visibility for drivers entering/exiting the extraction area.</p> <p>Traffic management is in line with Main Roads Traffic Management for Work on Roads Code of Conduct and ASI742.3 – 2002.</p>
j. Local residences	<p>The area is zoned rural and there are no residences within 700m to the west of the extraction site with approximately 500m of high vegetation between any residence and the extraction site with a negative elevation of approximately 30m between the extraction area and dwelling.</p> <p>Potential risks to nearby residences have been assessed as low risk and are addressed in the attached Environmental Management Plan.</p>
k. Environmental	<p>This application is a result of the exhaustion of the area approved in License P295368, as this is not a 'new' extraction activity per se there have been, nor are there any perceived risks or issues pertaining to the current environment and the ongoing surrounding amenity of the area.</p>

## 7. Review

Weekly reviews of the site will be undertaken to ensure:

- Operations are within the approved area and comply with the approved licence and Department of Energy, Mines, Industry Regulation and Safety requirements
- The risks identified in the Environmental Management Plan are re-assessed and mitigated as deemed necessary



- c. The Emergency plan is up to date, and all 'approved' workers/sub-contractors are suitably informed through site induction processes.

\*Note – As a result of misplaced original approval documents (Marriage breakdown resulting in lost documents and the inability to secure copies from the City of Albany) it is acknowledged that operations have previously crept outside the approved area. This was rectified and now forms part of this application.

## **8. Proposed Extraction Area**



Proposed Extraction  
Area C.docx

## **9. Feature Survey**



Feature Survey.pdf