

SUMMARY OF THE PUBLIC PARTICIPATION PROCESS FOLLOWED

Notification to I&APs

Potential I&AP's are notified about the project in the following manner (this is in compliance with Regulation 41 of GN R982):

- Fixing notice boards at the boundary of the property in compliance with Regulation 41 of GN R982.
- Written notifications are sent via registered post to potential I&APs (i.e. landowner, direct neighbours etc.) inviting them to register and give comments on the proposed development within 30 days from the date which appears on the notice. These notifications are in line with the requirements of the Regulations.
- Placing an advertisement in a local newspaper of the notice in compliance with the Regulations.

All potential I&APs are afforded the opportunity (within a 30 day period) to register for the project. All registered I&APs will be informed of further activities regarding the project.

Public Meetings, Workshops and Pre-application Meetings

No public meetings, workshops and pre-application meetings have been held thus far. The need for public meetings, workshops and pre-application meetings will be determined during the course of the public participation process as and if requested by I&APs and key departments.

Availability of the Pre-application Draft Basic Assessment Report

Before submission of the EA and Prospecting Right application form to the DMR the pre-application Draft Basic Assessment Report will be distributed to all registered I&APs, key departments and organs of state for a 30 day commenting period.

Availability of the Draft Basic Assessment Report

As per the requirements of Regulation 43 of GN R982, the Draft Basic Assessment Report (BAR) will be made available to all relevant state departments and all registered I&APs for a 30 day commenting period.

The Draft BAR will be included for statutory comment with the written notice as sent to the commenting organs of state for a 30 day commenting period. Electronic copies (CDs) will also be made available to any department or I&AP on request.

The Draft Basic Assessment Report will be sent to the following Key Departments for consideration/comments:

- Department of Mineral Resources
- Breede-Gouritz Catchment Management Agency (also commenting on behalf of Department of Water and Sanitation)
- CapeNature Scientific Services
- DEA&DP: Development Facilitation
- DEA&DP: Land Management

- DEA&DP: Pollution & Chemical Management
- DEA&DP: Waste Management
- DEA&DP: Planning
- DEA&DP: Air Quality Management
- Department of Agriculture
- Eden District Municipality
- Heritage Western Cape: A Notice of Intent to Develop was submitted to HWC
- Hessequa Municipality
- Gouritz Cluster Biosphere Reserve

Proof of delivery and document placement will be attached to the final BAR.

Comments received will be responded to as per the requirements of regulations. The comments and response report as well as all comments received are attached to the final BAR.

Public Participation during the Final BAR Phase

Once all comments have been received, the BAR will be finalised taking into account the comments and submitted to the competent authority for a decision.

Decision and Appeal Period

Once the DMR have reviewed the Final BAR and are satisfied that it contains sufficient information to make an informed decision, the DMR will use the information contained within the BAR to determine the environmental acceptability of the proponent's preferred options. A decision on the applications and associated reports will be made by the DMR based on the findings of the BAR.

Following the issuing of the decision, all key department and registered I&APS will be notified and afforded the opportunity to appeal the decision to the MEC of the DMR in terms of the NEMA.

Proof of the Public Participation Process conducted/to be conducted will be attached to the Final BAR under Appendix C.

TABLE 1: LIST OF IDENTIFIED KEY DEPARTMENTS AND POTENTIAL I&APs

STAKEHOLDER	CONTACT & REF NR	TELEPHONE	FAX	EMAIL
Department: Mineral Resources Private Bag X 09 Roggebaai 8012	Elise Steenkamp	021 427 1015	021 427 1046	Elise.Steenkamp@dmr.gov.za
CapeNature Scientific Services: Land Use Advice Private Bag X6546 George 6530	Colin Fordham	044 802 5329	086 554 4165	cfordham@capenature.co.za
DEA&DP: Development Management Private Bag X 6509 George 6530	Shireen Pullen Ref: 16/3/3/6/4/1/2/D6/29/0030/19	044 805 8600	-	Shireen.Pullen@westerncape.gov.za
DEA&DP: Planning Private Bag X 6509 George 6530	Stiaan Carstens	-		Stiaan.Carstens@westerncape.gov.za
DEA&DP: Development Facilitation Private Bag X9086 Cape Town 8000	Adri La Meyer	021 483 2887	021 483 4185	Adri.LaMeyer@westerncape.gov.za
DEA&DP: Pollution & Chemicals Management Private Bag X9086 Cape Town 8000	Mr Gunther Frantz	021 483 2975		Gunther.frantz@westerncape.gov.za
DEA&DP: Waste Management Private Bag X9086 Cape Town 8000	Ms Simone Bugar Ref: 19/2/5/3/D5/7/WL0014/19	021 483 4090		Simone.Bugar@westerncape.gov.za
DEA&DP: Air Quality Management	Mr Peter Harmse	021 483		Peter.Harmse@westerncape.gov.za

Private Bag X9086 Cape Town 8000	Ref: 19/4/4/BH1-Erf2224, Heidelberg	4383		
Department of Agriculture Private Bag X1 Elsenburg 7606	Cor van der Walt	021 808 5099	021 808 5092	Landuse.Elsenburg@elsenburg.com
Breede Gouritz Catchment Management Agency (also commenting on behalf of Department of Water and Sanitation) PO Box 1205 George 6530	Mr M Mthimkhulu Ref: 4/10/2/H80C/Erven 2224	023 346 8000		mmthimkhulu@bgcma.co.za
Heritage Western Cape Private Bag X9067 Cape Town 8000	Mr Andrew September	021 483 9543		Andrew.September@westerncape.gov.za
Hessequa Municipality P.O. Box 29 Riversdale 6670	Municipal Manager or Mr. Shagon Carelse Head: Environmental Services	028 713 8000	0287133146	shagon@hessequa.gov.za mm@hessequa.gov.za
Garden Route District Municipality Biodiversity and Coastal Management Environmental Management P.O. Box 12 George 6530	Mr Vernon Gibbs	044 803 1529	086 587 7145	gibbs@edendm.co.za
Gouritz Cluster Biosphere Reserve	Mrs Marinda van As	028 050 0576	-	admin@gouritz.com

LANDOWNER AND DIRECT NEIGHBOURS NOTIFIED

Landowner

Count the Silver 13 BK
PO Box 25
Heidelberg
6665

Neighbours

PW Hoffman
PO Box 123
Heidelberg
6665

PF du Doit & Seuns
PO Box 196
Heidelberg
6665

HJ Duminy
PO Box 211
Heidelberg
6665

DWRD Trust
PO Box 511
George
6530

PM Cronje
PO Box 123
Heidelberg
6665

NOTICE SENT TO LANDOWNER AND NEIGHBOURS WITH PROOF OF POSTAGE

PUBLIC PARTICIPATION PROCESS **PROJECT TITLE: PROPOSED BENTONITE & ZEOLITE PROSPECTING ON** **ERF 2224 HEIDELBERG, WESTERN CAPE**

Notice is given of the public participation process commenced by Imerys Refractory Minerals South Africa t/a Cape Bentonite Mine to conduct zeolite and bentonite prospecting activities on cultivated agricultural land of Erf 2224 near Heidelberg, Western Cape

Location: The property is situated approximately 2km northeast of the town Heidelberg and can be accessed via gravel roads leading from Heidelberg off Van Riebeeck street towards the N2.

Listed Activities:

Government Notice R. 983 Activity No(s):	Describe the relevant Basic Assessment Activity(ies) in writing as per Listing Notice 1 (GN No. R. 983)	Describe the portion of the development as per the project description that relates to the applicable listed activity
12	The development of- (xii) infrastructure (<i>prospecting activities</i>) or structures with a physical footprint of 100 square metres or more; where such development occurs- (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;	Prospecting activities proposed within 32m from the edge of secondary non-perennial drainage lines as present throughout the property.
20	Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).	Bentonite and zeolite prospecting activities as proposed on Erf 2224 for which a prospecting right is required.
22	The decommissioning of any activity requiring - (i) a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002); or (ii) a prospecting right, mining right, mining permit, production right or exploration right, where the throughput of the activity has reduced by 90% or more over a period of 5 years excluding where the competent authority has in writing agreed that such reduction in throughput does not constitute closure.	After proposed prospecting activities on the relevant property have ceased and all affected areas have successfully been rehabilitated as according to approved rehabilitation/closure plan a closure certificate must be obtained from the Department of Mineral Resources.
28	Residential, mixed, retail, commercial,	The prospecting areas are proposed on

	<p>industrial or institutional developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development:</p> <p>(i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or</p> <p>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare;</p> <p>excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.</p>	<p>completely transformed and cultivated agricultural land currently being used for cultivation and livestock grazing.</p>
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Exemption: No application for any exemption is sought.

Opportunity to participate: Interested and Affected Parties are invited to register interest within the process, or provide written comments to Eco Impact by **5 February 2019**. The project title, your full name, contact details, plus indication of any direct business, financial, personal or other interest you may have in this application must please be provided and fully described.

Each landowner must please ensure that all persons residing on his/her property are informed of the notice for mining right application.

Contact: Johmandie Pienaar
 PO Box 45070, Claremont, 7735
 Tel: 021 671 1660
 Email: admin@ecoimpact.co.za



MAILING LIST – NOTICES TO NEIGHBOURS

PROSPECTING RIGHT ERF 2224

PW Hoffman
Posbus 123
Heidelberg
6665

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RC320472337ZA
CUSTOMER COPY 301028R

PF Du Toit & Seuns
Posbus 196
Heidelberg
6665

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RC320472360ZA
CUSTOMER COPY 301028R

HJ Duminy
Posbus 211
Heidelberg
6665

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RC320472461ZA
CUSTOMER COPY 301028R

Count The Silver 13BK
Posbus 25
Heidelberg
6665

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RC320472373ZA
CUSTOMER COPY 301028R

DWRH Trust
P.O. Box 511
George
6530

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RC320472458ZA
CUSTOMER COPY 301028R

PM Cronje
P.O. Box 511
Heidelberg
6665

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RC320472435ZA
CUSTOMER COPY 301028R

GLOSDERRY 7702
Post Office

02 JAN 2019

FOUO-3

Eco Impact
P.O. Box 45070
CLAREMONT
7735

W. Leister

NOTICE PLACED ON SITE WITH PHOTOGRAPHIC PROOF



Environmental Health & Safety Legal Consulting

PUBLIC PARTICIPATION PROCESS

PROJECT TITLE: PROPOSED BENTONITE & ZEOLITE PROSPECTING ON ERF 2224 HEIDELBERG, WESTERN CAPE

Notice is given of the public participation process commenced by Imerys Refractory Minerals South Africa t/a Cape Bentonite Mine to conduct zeolite and bentonite prospecting activities on cultivated agricultural land of Erf 2224 near Heidelberg, Western Cape

Location: The property is situated approximately 2km northeast of the town Heidelberg and can be accessed via gravel roads leading from Heidelberg off Van Riebeeck street towards the N2.

Listed Activities:

Government Notice R. 983 Activity No(s):	Describe the relevant Basic Assessment Activity(ies) in writing as per Listing Notice 1 (GN No. R. 983)	Describe the portion of the development as per the project description that relates to the applicable listed activity
12	The development of- (xii) infrastructure (<i>prospecting activities</i>) or structures with a physical footprint of 100 square metres or more; where such development occurs- (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;	Prospecting activities proposed within 32m from the edge of secondary non-perennial drainage lines as present throughout the property.
20	Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).	Bentonite and zeolite prospecting activities as proposed on Erf 2224 for which a prospecting right is required.
22	The decommissioning of any activity requiring - (i) a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002); or (ii) a prospecting right, mining right, mining	After proposed prospecting activities on the relevant property have ceased and all affected areas have successfully been rehabilitated as according to approved rehabilitation/closure plan a closure certificate must be obtained from the Department of Mineral Resources.

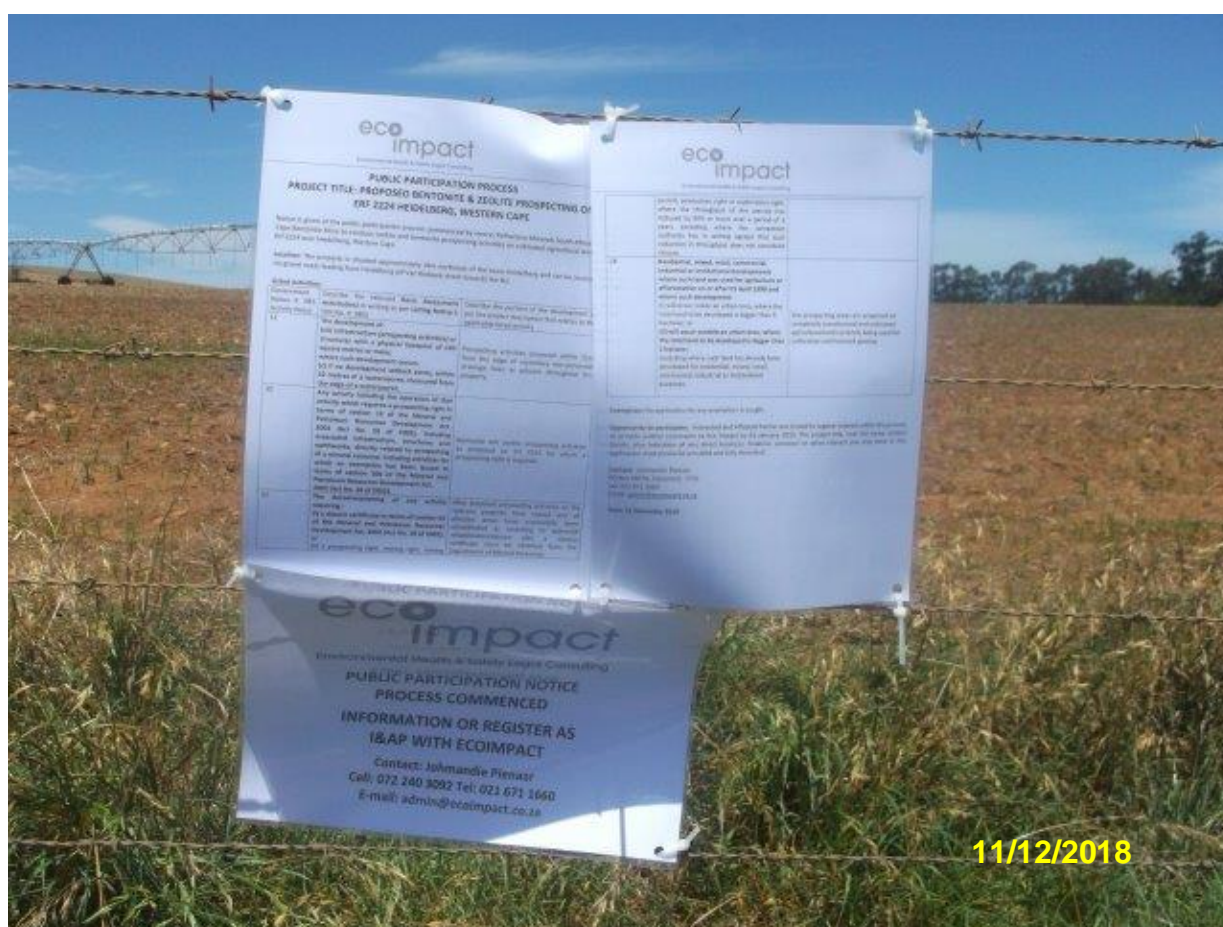
	permit, production right or exploration right, where the throughput of the activity has reduced by 90% or more over a period of 5 years excluding where the competent authority has in writing agreed that such reduction in throughput does not constitute closure.	
28	<p>Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development:</p> <p>(i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or</p> <p>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare;</p> <p>excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.</p>	The prospecting areas are proposed on completely transformed and cultivated agricultural land currently being used for cultivation and livestock grazing.

Exemption: No application for any exemption is sought.

Opportunity to participate: Interested and Affected Parties are invited to register interest within the process, or provide written comments to Eco Impact by 31 January 2019. The project title, your full name, contact details, plus indication of any direct business, financial, personal or other interest you may have in this application must please be provided and fully described.

Contact: Johmandie Pienaar
 PO Box 45070, Claremont, 7735
 Tel: 021 671 1660
 Email: admin@ecoimpact.co.za

Date: 11 December 2018



NOTICE PLACED IN LOCAL NEWSPAPER AND PROOF OF PLACEMENT

PUBLIC PARTICIPATION PROCESS

PROJECT TITLE: PROPOSED BENTONITE & ZEOLITE PROSPECTING ON ERF 2224 HEIDELBERG, WESTERN CAPE

Notice is given of the public participation process commenced by Imerys Refractory Minerals South Africa t/a Cape Bentonite Mine to conduct zeolite and bentonite prospecting activities on cultivated agricultural land of Erf 2224 near Heidelberg, Western Cape

Location: The property is situated approximately 2km northeast of the town Heidelberg and can be accessed via gravel roads leading from Heidelberg off Van Riebeeck street towards the N2.

Listed Activities: GNR 983 Listing Notice 1 - Listed Activities 12, 20, 22 & 28

Exemption: No application for any exemption is sought.

Opportunity to participate: Interested and Affected Parties are invited to register interest within the process, or provide written comments to Eco Impact within 30 days of this notice. The project title, your full name, contact details, plus indication of any direct business, financial, personal or other interest you may have in this application must please be provided and fully described.

Contact: Johmandie Pienaar
PO Box 45070, Claremont, 7735
Tel: 021 671 1660
Email: admin@ecoimpact.co.za



HESSEQUA
Local Municipality

Klerk: Inkomste: Albertinia
(Verw: F032) T6 – R121 240 44 tot R157 393,80
bruto salaris per jaar.

Senior Klerk: Kredietbeheer: Riversdal
(Verw: F043) T6 – R121 240 44 tot R157 393,80
bruto salaris per jaar.

Biblioteekassistent: Riversdal
(Verw: K007) T6 – R121 240 44 tot R157 393,80
bruto salaris per jaar.

Kontrak: Drie jaar vaste termyn aanstelling

Besoek asseblief ons webtuiste vir die volledige advertensies en om vir hierdie geleenthede aansoek te doen. Die poste kan ook op die kennisgewingbode by die betrokke munisipale kantore besigtig word. U kan wetgewing Ardele Groenewald by 028 713-7800 kontak vir meer besonderhede of u kan u aansoek aan applications@hessequa.gov.za versend.

Webtuiste: www.hessequa.gov.za

Sluitingsdatum: 25 Januarie 2019

KVRVEILINGS

EERSTE MAANDELIKSE VEILING VIR 2019 RIVERSDAL

Meubels en Losgoed
3.5m Dubbelas Sloopwa • Sloopwaentjie
• Hoby Cat • Oudhede • Meubels
• Elektriese ware • Gereedskap • Losgoed
Nog Vele meer Items

VRYDAG 18 JANUARIE 2019 OM 10:00
KVRVEILINGS LOKAAL

VOORWAARDES: Kopers moet met ID en bewys van verblyf registreer. Bids van betaling voor versending van items. Verkoop onderhawig aan reseinprys. Items mag bygevoeg of weggehaal word sonder vooraf kennisgewing.

NAVRAE: Kooi van Rensburg by 083 625 5466
Dawie van Rensburg by 084 581 0781
info@kvrveilings.co.za

Besigtiging Donderdag, 17 Januarie 2019 vanaf 2uur

tel: 028 713 4003 - www.kvrveilings.co.za

HESSEQUA
Local Municipality

TENDER NOTICE

Notice is hereby given that the following tenders are advertised on Hessequa Municipality's website at www.hessequa.gov.za and on the municipal notice boards at our offices in Riversdale, Heidelberg, Albertinia and Still Bay:

- > HES-CORP INF 04/1819: LEASING OF A PORTION (36 HECTARES) OF ERF 22, RIVERSDALE;
- > HES-TECH 18/1819: SUPPLY AND DELIVERY OF VARIOUS STORE STOCK ITEMS FOR THE PERIOD OF ONE (1) YEAR, FROM DATE OF APPOINTMENT.

Prospective suppliers may also contact Leanne Windvogel at (028) 713 8087 or e-mail: leanne@hessequa.gov.za to obtain the electronic version of the detailed advert.

J JACOBS
MUNICIPAL MANAGER

TENDER KENNISGEWING

Kennis geskied hiernee dat die volgende tenders op Hessequa Munisipaliteit se webwerf by www.hessequa.gov.za en op die munisipale kennisgewingbode by ons kantore in Riversdal, Heidelberg, Albertinia en Stillbaa geadverteer word:

- > HES-CORP INF 04/1819: VERHUURING VAN 'N GEDEELTE (36 HEKTAAR) VAN ERF 22, RIVERSDAL;
- > HES-TECH 18/1819: VERSKAFING EN AFLEVERING VAN VERSKILLENDE STOOITREKKE VIR 'N TYDPERK VAN EEN (1) JAAR VANAF DATUM VAN AANSTELLING.

Voormemende verskaffers kan ook vir Leanne Windvogel by (028) 713 8087 of e-pos: leanne@hessequa.gov.za kontak om 'n elektroniese weergawe van die gedetailleerde advertensie te bekom.

J JACOBS
MUNISIPALE BESTUURDER

HESSEQUA
Local Municipality

AANSOEK TPE: EIENDOMS BESKRYWING

Aansoeker: Charles van Wyk
Tel: 076 877 7141

Eienaar: WT Janse van Rensburg
Tel: 082 492 7459

Verwysingsnommer: 15/41/15 & RD 2097

Eiendomsbeskrywing: Erf 2097, Riversdal

Fisiese Adres: Mitchellstraat 10, Riversdal

Die aansoek vir oorweging:
Die Hersenering van Erf 2097, Riversdal, ingevolge Artikel 15(2)(o) van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) ten einde 'n woonsele te skep.

Kennis word hiernee gegee in terme van Artikel 45 van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) dat die bogenoemde aansoek ontvang is en ter insae is gedurende week-sdae vanaf 08:00 tot 16:00 by die Hessequa Munisipaleiteitskantore, CR Swartstraat, Riversdal. Besware moet op skrif gerig word in terme van Artikel 50 van die genoemde wetgewing van Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) as volg:

(i) Hersenering van Erf 2097, Riversdal, ingevolge Artikel 15(2)(o) van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) ten einde 'n woonsele te skep.

(ii) Rekening van erf 2097 van Residential Zone 1 to Business Zone 1.

(iii) Consent Use for establishing of dwelling units on ground level.

(iv) Departure for the following encroachments: Northern Side Boundary from 3.0m to 1.0m. Western Side Boundary from 3.0m to 0.0m.

Notice is hereby given in terms of Section 45 of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015) that the above-mentioned application has been received and is available for inspection during weekdays between 08:00 and 16:00 at the Hessequa Planning Department at the Riversdale Offices, President CR Swart Street, Riversdale. Any written comments may be addressed in terms of Section 50 of the said legislation to Hessequa Municipality, PO Box 29, Riversdale, 6670. E-mail: objections@hessequa.gov.za, on or before 30 days from the date of publication of this notice, quoting your name, address or contact details, interest in the application and reasons for comments. Telephonic enquiries can be made to Lelanie Steyn at 028 713 8072. The Municipality may refuse to accept comment received after the closing date. Any person who cannot write will be assisted by a Municipal official by transcribing their comments.

HESSEQUA
Local Municipality

APPLICATION TYPE: PROPERTY DESCRIPTION

Applicant: Charles van Wyk
Cell: 076 877 7141

Owner: WT Janse van Rensburg
Cell: 082 492 7459

Reference number: 15/41/15 & RD 2097

Property Description: Erf 2097, Riversdale

Physical Address: 10 Mitchell Street, Riversdale

Detailed description of proposal:
Application for a Consent Use on Erf 2097, Riversdale in terms of Section 15(2)(o) of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015), to establish 3 flats.

Notice is hereby given in terms of Section 45 of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015) that the above-mentioned application has been received and is available for inspection during weekdays between 08:00 and 16:00 at the Hessequa Planning Department at the Riversdale Offices, President CR Swart Street, Riversdale. Any written comments may be addressed in terms of Section 50 of the said legislation to Hessequa Municipality, PO Box 29, Riversdale, 6670. E-mail: objections@hessequa.gov.za, on or before 30 days from the date of publication of this notice, quoting your name, address or contact details, interest in the application and reasons for comments. Telephonic enquiries can be made to Lelanie Steyn at 028 713 8072. The Municipality may refuse to accept comment received after the closing date. Any person who cannot write will be assisted by a Municipal official by transcribing their comments.

HESSEQUA
Local Municipality

AANSOEK TPE: EIENDOMS BESKRYWING

Aansoeker: Charles van Wyk
Tel: 076 877 7141

Eienaar: PW & JCS Van Zyl
Tel: 082 739 0030

Verwysingsnommer: 15/41/15, 15/41/17 & 15/41/19 RD 2075

Eiendomsbeskrywing: Erf 2075, Riversdal

Fisiese Adres: Versfeldstraat 20, Riversdal

Die aansoek vir oorweging:
Die Hersenering, Afwyking en Consent Use op Erf 2075, Riversdal, ingevolge Artikel 15(2)(a) & 15(2)(b) & 15(2)(o) van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) as volg:

(i) Hersenering van Erf 2075 Riversdal van Residential Zone 1 na Sake Zone 1.

(ii) Verrekening van erf 2075 van woonsele op grondvlak te vestig.

(iii) Afwyking ten einde die volgende boulyne te oorskryf: Noordelike Kantboulyn van 3.0m tot 1.0m. Westelike Kantboulyn van 3.0m tot 0.0m.

Kennis word hiernee gegee in terme van Artikel 45 van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) dat die bogenoemde aansoek ontvang is en ter insae is gedurende week-sdae vanaf 08:00 tot 16:00 by die Hessequa Munisipaleiteitskantore, CR Swartstraat, Riversdal. Besware moet op skrif gerig word in terme van Artikel 50 van die genoemde wetgewing van Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) as volg:

(i) Hersenering van Erf 2075 Riversdal van Residential Zone 1 na Sake Zone 1.

(ii) Verrekening van erf 2075 van woonsele op grondvlak te vestig.

(iii) Afwyking ten einde die volgende boulyne te oorskryf: Noordelike Kantboulyn van 3.0m tot 1.0m. Westelike Kantboulyn van 3.0m tot 0.0m.

Notice is hereby given in terms of Section 45 of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015) that the above-mentioned application has been received and is available for inspection during weekdays between 08:00 and 16:00 at the Hessequa Planning Department at the Riversdale Offices, President CR Swart Street, Riversdale. Any written comments may be addressed in terms of Section 50 of the said legislation to Hessequa Municipality, PO Box 29, Riversdale, 6670. E-mail: objections@hessequa.gov.za, on or before 30 days from the date of publication of this notice, quoting your name, address or contact details, interest in the application and reasons for comments. Telephonic enquiries can be made to Lelanie Steyn at 028 713 8072. The Municipality may refuse to accept comment received after the closing date. Any person who cannot write will be assisted by a Municipal official by transcribing their comments.

HESSEQUA
Local Municipality

APPLICATION TYPE: PROPERTY DESCRIPTION

Applicant: Charles van Wyk
Cell: 076 877 7141

Owner: PW & JCS Van Zyl
Cell: 082 739 0030

Reference number: 15/41/15, 15/41/17 & 15/41/19 RD 2075

Property Description: Erf 2075, Riversdale

Physical Address: 20 Versfeld Street, Riversdale

Detailed description of proposal:
The Rezoning, Departure and Consent Use on Erf 2075, Riversdale in terms of Section 15(2)(a) & 15(2)(b) & 15(2)(o) of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015), as follows:

(i) Rezoning of erf 2075 from Residential Zone 1 to Business Zone 1.

(ii) Consent Use for establishing of dwelling units on ground level.

(iii) Departure for the following encroachments: Northern Side Boundary from 3.0m to 1.0m. Western Side Boundary from 3.0m to 0.0m.

Notice is hereby given in terms of Section 45 of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015) that the above-mentioned application has been received and is available for inspection during weekdays between 08:00 and 16:00 at the Hessequa Planning Department at the Riversdale Offices, President CR Swart Street, Riversdale. Any written comments may be addressed in terms of Section 50 of the said legislation to Hessequa Municipality, PO Box 29, Riversdale, 6670. E-mail: objections@hessequa.gov.za, on or before 30 days from the date of publication of this notice, quoting your name, address or contact details, interest in the application and reasons for comments. Telephonic enquiries can be made to Lelanie Steyn at 028 713 8072. The Municipality may refuse to accept comment received after the closing date. Any person who cannot write will be assisted by a Municipal official by transcribing their comments.

HESSEQUA
Local Municipality

LEGAL NOTICES

AANSOEK TPE: EIENDOMS BESKRYWING

Aansoeker: Charles van Wyk
Tel: 076 877 7141

Eienaar: Exclwin Properties (Pty) Ltd

Verwysingsnommer: 15/41/17 & RD 3225 & 3226

Eiendomsbeskrywing: Erwe 3225 & 3226, Riversdal

Fisiese Adres: Hoofweg 27, Riversdal

Die aansoek vir oorweging:
Die Hersenering van Erwe 3225 & 3226, Riversdal, ingevolge Artikel 15(2)(a) van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) ten einde 'n woonsele te skep.

Kennis word hiernee gegee in terme van Artikel 45 van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) dat die bogenoemde aansoek ontvang is en ter insae is gedurende week-sdae vanaf 08:00 tot 16:00 by die Hessequa Munisipaleiteitskantore, CR Swartstraat, Riversdal. Besware moet op skrif gerig word in terme van Artikel 50 van die genoemde wetgewing van Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) as volg:

(i) Hersenering van Erf 3225 & 3226, Riversdal, ingevolge Artikel 15(2)(a) van die Hessequa Munisipaleiteitswetgewing, 2015 (P.N. 287 van 2015) ten einde 'n woonsele te skep.

(ii) Rekening van erf 3225 & 3226 van Residential Zone 1 to Business Zone 1 for extension of existing Riversdale Spar uit te bren.

Notice is hereby given in terms of Section 45 of the Hessequa Municipality By-law on Municipal Land Use Planning, 2015 (P.N. 287 of 2015) that the above-mentioned application has been received and is available for inspection during weekdays between 08:00 and 16:00 at the Hessequa Planning Department at the Riversdale Offices, President CR Swart Street, Riversdale. Any written comments may be addressed in terms of Section 50 of the said legislation to Hessequa Municipality, PO Box 29, Riversdale, 6670. E-mail: objections@hessequa.gov.za, on or before 30 days from the date of publication of this notice, quoting your name, address or contact details, interest in the application and reasons for comments. Telephonic enquiries can be made to Lelanie Steyn at 028 713 8072. The Municipality may refuse to accept comment received after the closing date. Any person who cannot write will be assisted by a Municipal official by transcribing their comments.

PUBLIC PARTICIPATION PROCESS
PROJECT TITLE: PROPOSED BENTONITE & ZEOLITE MINING ON ERF 2224 HEIDELBERG, WESTERN CAPE

Notice is given of the public participation process commenced by Imerys Refractory Minerals South Africa (Pty) Ltd to conduct zeolite and bentonite mining activities on cultivated agricultural land of Erf 2224 near Heidelberg, Western Cape.

Location: The property is situated approximately 2km northeast of the town Heidelberg and can be accessed via gravel roads leading from Heidelberg off Van Riebeeck street towards the N2.

Listed Activities: GNR 983 Listing Notice 1 - Listed Activities 12, 20, 22 & 28

Exemption: No application for any exemption is sought.

Opportunity to participate: Interested and Affected Parties are invited to register interest within the process, or provide written comments to Eco Impact within 30 days of this notice. The project title, your full name, contact details, plus indication of any direct business, financial, personal or other interest you may have in this application must please be provided and fully described.

Contact: Johannie Pienaar
PO Box 45070, Claremont, 7735
Tel: 021 671 1660
Email: admin@ecoimpact.co.za

PUBLIC PARTICIPATION PROCESS
PROJECT TITLE: PROPOSED ZEOLITE AND BENTONITE MINING ON ERVEN 1401, 1198 & 2924 HEIDELBERG, WESTERN CAPE

Notice is given of the public participation process commenced by Imerys Refractory Minerals South Africa (Pty) Ltd to conduct zeolite and bentonite mining activities on an 80ha area of cultivated agricultural land on Erven 1401, 1198 and 2924 near Heidelberg, Western Cape.

Location: The erven are located approximately 3km northwest from the town of Heidelberg and can be accessed via a gravel road off the R322 towards Barrydale/Suurbaak.

Listed Activities: GNR 983 Listing Notice 1 - Listed Activities 12, 22 & 28
GNR 984 Listing Notice 2 - Listed Activities 17

Exemption: No application for any exemption is sought.

Opportunity to participate: Interested and Affected Parties are invited to register interest within the process, or provide written comments to Eco Impact within 30 days of this notice. The project title, your full name, contact details, plus indication of any direct business, financial, personal or other interest you may have in this application must please be provided and fully described.

Contact: Johannie Pienaar
PO Box 45070, Claremont, 7735
Tel: 021 671 1660
Email: admin@ecoimpact.co.za

TABLE 2: LIST OF KEY DEPARTMENTS AND REGISTERED I&APs

STAKEHOLDER	CONTACT & REF NR	TELEPHONE	FAX	EMAIL
Department: Mineral Resources Private Bag X 09 Roggebaai 8012	Elise Steenkamp	021 427 1015	021 427 1046	Elise.Steenkamp@dmr.gov.za
CapeNature Scientific Services: Land Use Advice Private Bag X6546 George 6530	Colin Fordham	044 802 5329	086 554 4165	cfordham@capenature.co.za
DEA&DP: Development Management Private Bag X 6509 George 6530	Shireen Pullen Ref: 16/3/3/6/4/1/2/D6/29/0030/19	044 805 8600	-	Shireen.Pullen@westerncape.gov.za
DEA&DP: Planning Private Bag X 6509 George 6530	Stiaan Carstens	-		Stiaan.Carstens@westerncape.gov.za
DEA&DP: Development Facilitation Private Bag X9086 Cape Town 8000	Adri La Meyer	021 483 2887	021 483 4185	Adri.LaMeyer@westerncape.gov.za
DEA&DP: Pollution & Chemicals Management Private Bag X9086 Cape Town 8000	Ms Nicole Garcia	021 483 8352		Nicole.Garcia@westerncape.gov.za
DEA&DP: Waste Management Private Bag X9086 Cape Town 8000	Ms Simone Bugar Ref: 19/2/5/3/D5/7/WL0014/19	021 483 4090		Simone.Bugar@westerncape.gov.za
DEA&DP: Air Quality Management Private Bag X9086 Cape Town	Mr Peter Harmse Ref: 19/4/4/BH1-Erf2224, Heidelberg	021 483 4383		Peter.Harmse@westerncape.gov.za

8000				
Department of Agriculture Private Bag X1 Elsenburg 7606	Cor van der Walt Ref: 20/9/2/4/4/038	021 808 5099	021 808 5092	Landuse.Elsenburg@elsenburg.com
Breede Gouritz Catchment Management Agency (also commenting on behalf of Department of Water and Sanitation) PO Box 1205 George 6530	Mr M Mthimkhulu Ref: 4/10/2/H80C/Erven 2224	023 346 8000		mmthimkhulu@bgcma.co.za
Heritage Western Cape Private Bag X9067 Cape Town 8000	Mr Andrew September	021 483 9543		Andrew.September@westerncape.gov.za
Hessequa Municipality P.O. Box 29 Riversdale 6670	Municipal Manager or Mr. Shagon Carelse Head: Environmental Services	028 713 8000	0287133146	shagon@hessequa.gov.za mm@hessequa.gov.za
Garden Route District Municipality Biodiversity and Coastal Management Environmental Management P.O. Box 12 George 6530	Mr Vernon Gibbs	044 803 1529	086 587 7145	gibbs@edendm.co.za
Gouritz Cluster Biosphere Reserve	Mrs Marinda van As	028 050 0576	-	admin@gouritz.com

PROOF OF 1st PRE-APPLICATION DRAFT BASIC ASSESSMENT REPORT SENT TO KEY DEPARTMENTS AND REGISTERED I&APs



Environmental Health & Safety Legal Consulting

4 February 2019

DEA&DP: Development Facilitation
Private Bag X9086
Cape Town
8000

Att: Adri La Meyer

**BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION ON ERF 2224,
HEIDELBERG – WESTERN CAPE**

Good day,

Enclosed find three electronic CD copies of the Pre-Application Draft Basic Assessment Report for the above-mentioned project.

In terms of Section 24O of NEMA you are hereby notified of the 30 day comment period (starting from the date of this letter) within which you must please provide your comments on the abovementioned report.

Please facilitate obtaining the collective comments from the various relevant directorates within the Department.

Note - one CD copy and one hard copy was also sent to DEA&DP George offices for attention Danie Swanepoel (Development Management) and one CD copy to Stiaan Carstens (Planning).

Kind Regards

Johmandie Pienaar (Giliomee)



Eco Impact Legal Consulting (Pty) Ltd

Reg: 2010/015546/07

P.O. Box 46070

Claremont

South Africa

7735

Cell: +27 (0) 72 240 3092

Tel: +27 (0) 21 671 1880

Email: admin@ecoimpact.co.za

Web: www.ecoimpact.co.za

Eco Impact Legal Consulting (Pty) Ltd
Reg: 2010/015546/07
Directors: Mark Duckitt
Nicolaas Hanekom
Daniel Weber

Postal Address:
PO Box: 45070
Claremont
South Africa
7735

Office: +27 (0) 21 671 1880
Email: admin@ecoimpact.co.za
Web: www.ecoimpact.co.za



Proof



Environmental Health & Safety Legal Consulting

4 February 2019

Department of Mineral Resources
Attention: Elise Steenkamp
Private Bag X09
Roggebaai
8012

Att: Elise Steenkamp

**BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION ON ERF 2224,
HEIDELBERG - WESTERN CAPE**

Good day,

Enclosed please find a hard copy and electronic CD copy of the Pre-Application Draft Basic Assessment Report for the above-mentioned project.

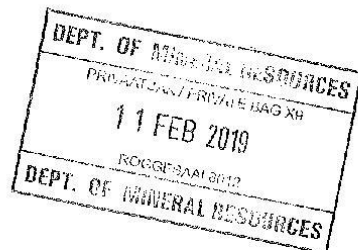
In terms of Section 24O of NEMA you are hereby notified of the 30 day comment period (starting from the date of this letter) within which you must please provide your comments on the abovementioned report.

Kind Regards
Johmandie Pienaar (Giliomee)



Eco Impact Legal Consulting (Pty) Ltd
Reg: 2010/015546/07
P.O. Box 45070
Claremont
South Africa
7735

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Tel: +27 (0) 21 671 1660
Email: admin@ecoimpact.co.za
Web: www.ecoimpact.co.za



Eco Impact Legal Consulting (Pty) Ltd
Reg: 2010/015546/07
Directors: Mark Duckitt
Nicolaas Hanekom
Daniel Weber

Postal Address:
PO Box: 45070
Claremont
South Africa
7735

Office: +27 (0) 21 671 1660
Email: admin@ecoimpact.co.za
Web: www.ecoimpact.co.za



MAILING LIST – PRE-APPLICATION DRAFT BAR

PROSPECTING RIGHT APPLICATION ERF 2224

POSTAGE:

Cape Nature
Att: Colin Fordham
Private Bag X6546
George
6530

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 927 979 356 2A
CUSTOMER COPY 301016

DEA&DP: Planning
Att: Stiaan Carstens
Private Bag X6509
George
6530

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 927 979 435 2A
CUSTOMER COPY 301016

DEA&DP: Development Management
Att: Danie Swanepoel
Private Bag X 6509
George
6530

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RC3545629512A
CUSTOMER COPY 301028R

Department of Agriculture
Att: Cor van der Walt
Private Bag X1
Elsenburg
7606

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 927 979 475 2A
CUSTOMER COPY 301016

BGCMA
Att: M. Mthimkhulu
P.O. Box 1205
George
6530

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RC3545629742A
CUSTOMER COPY 301028R

Heritage Western Cape
Att: Andrew September
Private Bag X9067
Cape Town
8000

REGISTERED LETTER
(with a domestic insurance option)
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RC3545630082A
CUSTOMER COPY 301028R

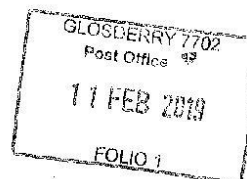
Hessequa Municipality
Att: Shagon Carelse
P.O. Box 29
Riversale
6670

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RC3545629912A
CUSTOMER COPY 301028R

Eden District Municipality
Att: Vernon Gibbs
P.O. Box 12
George
6530

ORDINARY PARCEL
ShareCall 0860 111 502 www.sapo.co.za
PE 927 979 395 2A
CUSTOMER COPY 301016

Right



Eco Impact
P.O. Box 45070
CLAREMONT
7735

WAPK

BY HAND:

Department of Mineral Resources
Att: Elise Steenkamp
Private Bag X9
Roggebaai
8012

DEA&DP: Development Facilitation
Att: Adri La Meyer
Private Bag X9086
Cape Town
8000

Eco Impact
P.O. Box 45070
CLAREMONT
7735

Uthmaniyah

PROOF OF KEY DEPARTMENTS AND I&APS COMMENTS RECEIVED DURING 1st PRE-APPLICATION DRAFT BAR PHASE



Western Cape
Government
Environmental Affairs and
Development Planning

BETTER TOGETHER.

ENQUIRIES:

Ms Shireen Pullen (Directorate: Development Management)
Ms Simone Bujan (Directorate: Waste Management)
Mr Peter Harmse (Directorate: Air Quality Management)

REFERENCES:

16/3/3/6/4/1/2/D6/29/0030/19 (Development Management)
19/2/5/3/D5/7/WL0014/19 (Waste Management)
19/4/4/BH1 – Erf 2224, Heidelberg (Air Quality Management)

DATE: 2019-03-09

The Board of Directors
Eco Impact Legal Consulting (Pty) Ltd
P.O. Box 45070
CLAREMONT
7735

For attention: Ms Johmandie Pienaar

Tel: (021) 671 1660

E-mail: johmandie@ecoimpact.co.za

PER E-MAIL

Dear Madam

COMMENT ON THE PRE-APPLICATION BASIC ASSESSMENT REPORT FOR LISTED ACTIVITIES ASSOCIATED WITH THE BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION ON ERF NO. 2224, HEIDELBERG

1. The Pre-Application Basic Assessment Report ("BAR") dated January 2019 as received by the Department on 4 February 2019 (Cape Town office) and 14 February 2019 (George office) refers. Thank you for graciously allowing a time extension to submit comment on the Pre-Application BAR. Please find the Department's collated comments on the Pre-Application BAR and Draft Environmental Management Programme ("EMPr") for consideration in the Draft BAR to be made available when the Application Form is submitted to the competent authority.
2. Directorate: Development Management (Region 3) – Ms Shireen Pullen (Shireen.Pullen@westerncape.gov.za; Tel: (044) 805 8600):
 - 2.1 The Pre-Application BAR indicates that Phase 3 of the Prospecting Work Programme ("PWP") will entail invasive prospecting activities, consisting of direct push sampler drilling (~ 1000 sampler holes) and sampling, and boreholes (~ 180 boreholes) and sampling. The Draft BAR should be more specific to indicate that during the proposed prospecting activities, approximately 100-200kg of sample material will be removed during the borehole drilling process (as opposed to direct push sampling).

11th Floor, 1 Dorp Street, Cape Town, 8001
tel: +27 21 483 2887 fax: +27 21 483 4185

Private Bag X9086, Cape Town, 8000
www.westerncape.gov.za/eadp

- 2.2 Table 5.1 of Appendix D: Prospecting Work Programme indicates that Phase 3 of the PWP will consist of trenching, drilling and sampling. The Draft BAR must provide clarity whether trenching and drilling techniques will be employed and provide a description and impact assessment of proposed trenching activities.
- 2.3 The Ecological Baseline Assessment dated June 2018 compiled by Eco Impact Legal Consulting was undertaken to assess the biodiversity and freshwater ecosystem impacts of the proposed prospecting activities on Erf No. 2224 and the Remainder of Erf No. 1015, Heidelberg. However, the Pre-Application BAR only refers to the undertaking of prospecting activities on Erf No. 2224. The Draft BAR must provide clarity on the properties earmarked for prospecting activities.
- 2.4 According to the Ecological Baseline Assessment, the prospecting area contains critically endangered Eastern Rûens Shale Renosterveld vegetation, which is also identified as a Critical Biodiversity Area ("CBA"); and four scattered individual Milkwood trees within the cultivated lands. These areas must be clearly mapped as "no-go" areas on the prospecting layout plan, and demarcated and excluded during Phase 3 (invasive prospecting activities) of the PWP.
- 2.5 Furthermore, the non-perennial drainage lines, and artificial - and natural dams with associated wetland characteristics, must also be clearly mapped as "no-go" areas and demarcated during prospecting activities. These sensitive environmental and landscape features are also classified as CBAs, Ecological Support Areas and National Wetland Freshwater Ecosystems Priority Areas, which are required to meet the national conservation target for threatened vegetation types; and which offers opportunities for the continuation of ecological connectivity.
- 2.6 Please note that the Draft EMPr does not comply with all the information requirements stipulated in Appendix 4 of the Environmental Impact Assessment Regulations, 2014 (as amended). The EMPr should therefore be revised to comply with the legislative requirements, including auditing requirements.
- 2.7 The Draft BAR and EMPr must indicate whether any water and/ or drilling fluid would be required for borehole drilling, the estimated volumes of water required (if any), and whether any effluent will be released during the drilling process. If drilling fluid will be required and/ or if effluent will be released, then the composition of the drilling fluid/chemical additives must be indicated, and the management of potential effluent released during drilling must be addressed in the EMPr.
- 2.8 An Alien Invasive Management Plan, which details the management of alien invasive vegetation during prospecting and rehabilitation activities, should also be incorporated into the EMPr. This Management Plan must also include, in consultation with the landowner, the management of alien plant and weed species for one after year the PWP has been completed, or until cultivation activities commences again.
- 2.9 The Pre-Application BAR indicates that the estimated financial provision for rehabilitation is R400 000. It is unclear whether the amount includes the rehabilitation of areas to be used as access roads where no existing gravel roads exist, and if the cost of emptying and eventual removal of the

chemical toilets were included. A detailed breakdown of what the financial provision for rehabilitation entails, is recommended.

- 2.10 Indigenous vegetation should be reintroduced during the rehabilitation process. Where re-vegetation work will be done on the disturbed areas, only suitable indigenous vegetation that occurs naturally in the immediate area, or suitable agricultural crops, should be planted to prevent erosion.
- 2.11 All road paths that will be created because of vehicle movement over undisturbed areas must be rehabilitated as close as possible to the former state, and erosion-preventative measures must be implemented to mitigate potential erosion of loose soil, both from vehicle paths and drilled sites.
3. Directorate: Waste Management – Ms Simone Bugar (Simone.Bugar@westerncape.gov.za; Tel: (021) 483 4090):
 - 3.1 The following amendments to the EMPr are proposed:
 - 3.1.1 Please note that chemical toilet wastewater ~~cannot be deemed as refuse~~ and can therefore not be disposed of at a licensed waste disposal facility (page 149 of the Draft BAR). Chemical toilets must be emptied on a regular basis and the contents disposed of at a sewage treatment facility.
 - 3.1.2 The clearance of alien invasive vegetation during and after completion of prospecting activities must be undertaken in a manner to prevent the creation of dust.
 - 3.1.3 All green waste cleared from the site must be beneficiated or taken to an approved waste disposal facility. Invasive alien plant species which are removed from the site should not be chipped for mulch if they are in a seed-bearing state. Such material must be disposed of at a suitably licenced waste disposal facility. Wherever possible, suitable larger stumps should be made available to the local community for use as firewood.
4. Directorate: Air Quality Management – Mr Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 4383):
 - 4.1 This Directorate notes that the potential generation of dust and noise impacts will be of a short duration, and the avoidance and management of these impacts were sufficiently addressed in the EMPr. This Directorate awaits the Draft BAR to provide any further comment, if necessary.
5. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the comments provided.
6. The Department reserves the right to revise or withdraw initial comments and request further information based on any information received.

Yours faithfully


pp HEAD OF DEPARTMENT

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING



BREED-GOURITZ

CATCHMENT MANAGEMENT AGENCY

101 York Street 3rd Floor Rm 302 George 6530, P.O. Box 1205 George 6530

✉: Mr.Mthimkhulu
HEIDELBERG ☎:023 346 8000 ✉:mmthimkhulu@bgcma.co.za 📄:4/10/2/H80C/ERVEN 2224,

ECO IMPACT
P.O. Box 45070
Claremont
7735

Attention: Johmandie Pienaar

Dear Madam,

COMMENTS ON THE PROPOSED BENTONITE & ZEOLITE MINING RIGHT APPLICATION ON ERVEN 2224, HEIDELBERG, WESTERN CAPE

The above mentioned report, dated **4 February 2019** has reference.


The Breed-Gouritz Catchment Management Agency (BGCMA) has the following comments:

1. No operation is allowed within 100m of a water resource or 1:100 year flood line, whichever is the greatest. If the proposed activity falls within this area, authorisation needs to be put in place in terms of the National Water Act (NWA), 1998 (Act No. 36 of 1998). This is to ensure that the riparian ecological status of the water resource will not be negatively impacted.
2. Please note that any development within 500m from the boundary of any wetland requires authorisation in terms of the National Water Act (NWA), 1998 (Act No. 36 of 1998).
3. No water may be abstracted from any surface water body and groundwater unless authorized by this Agency. Where will the water for the proposed activity be sourced from?
4. Where solid waste disposal is to take place on site, ensure that only non-toxic materials which have no risk of polluting the groundwater, are buried in designated approved areas at acceptable depths below ground level.
5. No surface, ground or storm water may be polluted as a result of any activities on the site. Please use silt retention traps and a Storm water master plan to prevent erosion and pollution.

6. The rehabilitation of the site must ensure that the final conditions of the site is environmentally acceptable and that there will be no adverse long term effects on the surrounding environment especially the water resources.
7. For ease of reference kindly include Table of contents and page numbers in your report.
8. Please note that all requirements as stipulated in the National Water Act (NWA), 1998 (Act No. 36 of 1998) must be adhered to.
9. Please note that this Agency reserves the right to amend and / or add to the comments made above in the light of subsequent information received.

If you have any questions please don't hesitate to contact the official at the above mentioned details.

MR. JAN VAN STADEN



CHIEF EXECUTIVE OFFICER (ACTING)

DATE: 18/03/2019



Cor Van Der Walt
LandUse Management
Email: LandUse.Elsenburg@elsenburg.com
tel: +27 21 808 5099 fax: +27 21 808 5092

OUR REFERENCE : 20/9/2/4/4/038
YOUR REFERENCE : -
ENQUIRIES : Cor van der Walt

Eco Impact
PO Box 45070
CLAREMONT
7735

Att: Johmandle Pienaar

**BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION: DIVISION HEIDELBERG
ERF NO 2224**

Your application of 04 February 2019 has reference.

The Western Cape Department of Agriculture has no comment.

Please note:

- Kindly quote the above-mentioned reference number in any future correspondence in respect of the application.
- The Department reserves the right to revise initial comments and request further information based on the information received.

Yours sincerely

Mr. CJ van der Walt

LANDUSE MANAGER: LANDUSE MANAGEMENT
2019-04-23

Copies:	
Department of Environmental Affairs & Development Planning	Hessequa Municipality
Private Bag X 6539	PO Box 29
George	7 VERSDAL
6530	6670

PROOF OF 2nd DRAFT BASIC ASSESSMENT REPORT SENT TO KEY DEPARTMENTS AND REGISTERED I&APs



Environmental Health & Safety Legal Consulting

DEA&DP: Development Facilitation
Private Bag X9086
Cape Town
8000

Att: Adri La Meyer

**BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION ON ERF 2224,
HEIDELBERG – WESTERN CAPE**

DEA&DP – Development Management Ref: 16/3/3/6/4/1/2/D6/29/0030/19

DEA&DP – Waste Management Ref: 19/2/5/3/D5/7/WL0014/19

DEA&DP-Air Quality Management Ref: 19/4/4/BH1-Erf2224, Heidelberg

Good day,

Enclosed find three electronic CD copies of the Draft Basic Assessment Report for the above-mentioned project.

In terms of Section 24O of NEMA you are hereby notified of the 30 day comment period (starting from the date of this letter) within which you must please provide your comments on the abovementioned report.

Please facilitate obtaining the collective comments from the various relevant directorates within the Department.

Note - one CD copy and one hard copy was also sent to DEA&DP George offices for attention Shireen Pullen (Development Management) and one CD copy to Stiaan Carstens (Planning).

Kind Regards

Johmandie Pienaar (Giliomee)



Eco Impact Legal Consulting (Pty) Ltd

Reg: 2010/015546/07

P.O. Box 45070

Claremont

South Africa

7735

Cell: +27 (0) 72 240 3092

Tel: +27 (0) 21 671 1660

Email: admin@ecoimpact.co.za

Web: www.ecoimpact.co.za



Eco Impact Legal Consulting (Pty) Ltd
Reg: 2010/015546/07

Directors: Mark Duckitt

Nicolaas Hanekom

Daniel Weber

Postal Address:

PO Box: 45070

Claremont

South Africa

7735

Office: +27 (0) 21 671 1660

Email: admin@ecoimpact.co.za

Web: www.ecoimpact.co.za



ERF 2224 PROSPECTING RIGHT APPLICATION
DRAFT BAR

Elise Steenkamp
Department: Mineral Resources
Private Bag X 09
Roggebaai
8012

Colin Fordham
CapeNature
Scientific Services: Land Use Advice
Private Bag X6546
George
6530

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.safep.co.za
PE 912 537 290 ZA
CUSTOMER COPY 301028R

Shireen Pullen
DEA&DP: Development Management
Private Bag X 6509
George
6530

ORDINARY PARCEL
PE 912 537 175 ZA
A BOOK COPY

Stiaan Carstens
DEA&DP: Planning
Private Bag X 6509
George
6530

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.safep.co.za
RC363251682A
CUSTOMER COPY 301028R

Adri La Meyer
DEA&DP: Development Facilitation
Private Bag X9086
Cape Town
8000

Cor van der Walt
Department of Agriculture
Private Bag X1
Elsenburg
7606

ORDINARY PARCEL
PE 912 537 238 ZA
A BOOK COPY



Mr M Mthimkhulu
Breede Gouritz Catchment Management
Agency (also commenting on behalf of
Department of Water and Sanitation)
PO Box 1205
George
6530

ORDINARY PARCEL
ShareCall 0800 111 502 www.safep.co.za
PE 912 537 290 ZA
CUSTOMER COPY 301016

Mr Andrew September
Heritage Western Cape
Private Bag X9067
Cape Town
8000

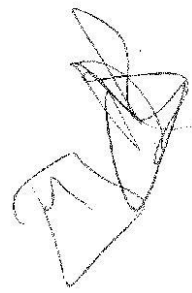
Municipal Manager or Mr. Shagon Carelse
Head: Environmental Services
Hessequa Municipality
P.O. Box 29
Riversdale
6670

REGISTERED LETTER
(with a domestic insurance option)
RC363251681ZA
A BOOK COPY

Mr Vernon Gibbs
Eden District Municipality
Biodiversity and Coastal Management
Environmental Management
P.O. Box 12
George
6530

REGISTERED LETTER
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ShareCall 0800 111 502 www.safep.co.za
RC363251578ZA
CUSTOMER COPY 301028R

Eco Impact
P.O. Box 45070
CLAREMONT
7735



PROOF OF KEY DEPARTMENTS AND I&APS COMMENTS RECEIVED DURING 2nd PRE-APPLICATION DRAFT BAR PHASE



BREED-GOURITZ
CATCHMENT MANAGEMENT AGENCY

101 York Street 3rd Floor Rm 302 George 6530, P.O. Box 1205 George 6530

Mr. Mthimkhulu HEIDELBERG ☎: 023 346 8000 ✉: mmthimkhulu@bgcma.co.za 📁: 4/10/2/H80C/ERVEN 2224,

ECO IMPACT
P.O. Box 45070
Claremont
7735

Attention: Johmandie Pienaar

Dear Madam,

COMMENTS ON THE PROPOSED BENTONITE & ZEOLITE MINING RIGHT APPLICATION ON ERVEN 2224, HEIDELBERG, WESTERN CAPE

The above mentioned report, dated **29 March 2019** has reference.

The Breed-Gouritz Catchment Management Agency (BGCMA) has the following comments:

1. The BGCMA is satisfied with your response to our letter dated 20 March 2019. The BGCMA has no further comments.
2. Please note that all requirements as stipulated in the National Water Act (NWA), 1998 (Act No. 36 of 1998) must be adhered to.
3. Please note that this Agency reserves the right to amend and / or add to the comments made above in the light of subsequent information received.

If you have any questions please don't hesitate to contact the official at the above mentioned details.

MR. JAN VAN STADEN

P.P. 

CHIEF EXECUTIVE OFFICER (ACTING)

DATE: 25/04/2019

BIODIVERSITY CAPABILITIES

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physical 4th Floor, York Park, Building,
York Street, George, 6530
website www.capenature.co.za
enquiries Colin Fordham
telephone +27 44 802 5328 **fax** +27 44 802 5313
email cfordham@capenature.co.za
reference 14/2/6/1/6/5_HESS/2244_2019/CF007
date 21st June 2019

EcolImpact Legal Consulting (Pty) Ltd
P.O. Box 45070
Claremont Tel.: 021 671 1660
7735 Fax: 088 21671 1660

johmandie@ecoimpact.co.za

Attention: Johmandie Pienaar

CONSULTATION IN TERMS OF SECTION 40 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT No. 28 OF 2002) AND THE NEMA FOR EVALUATION OF AN DRAFT BASIC ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROPOSED BENTONITE AND ZEOLITE PROSPECTING RIGHT, HEIDELBERG, HESSEQUA MUNICIPAL AREA

DMR reference #: Still to be obtained

CapeNature, as custodian of biodiversity in the Western Cape¹, would like to thank you for the opportunity to comment on the application for a prospecting mining application Erf 2224 Heidelberg and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the application.

The following information was extracted from the supplied documentation details the proposed scope of works which is planned and illustrated in Figure 1:

"Imerys Refractory Minerals South Africa (Pty) Ltd t/a Cape Bentonite Mine is an existing Bentonite and Zeolite mining company operating on various farms in close proximity to the towns of Heidelberg and Riversdale that fall within the Hessequa Local Municipality and Eden District Municipality in the Western Cape Province.

Imerys Refractory Minerals South Africa (Pty) Ltd proposes to prospect cultivated agricultural land on Erf 2224 for potential viable bentonite and zeolite resources to be mined.

¹ Section 9, Western Cape Nature Conservation Board Act 15 of 1998

The proposed prospecting activities will entail the following phases:

- *Phase 1 – Field Mapping and Surveying*

A qualified geologist will survey/explore the transformed cultivated areas on the proposed prospecting property by foot and map potential visible bentonite and zeolite outcrops. If such visible outcrops are found on the transformed cultivated areas of property the geologist will map these areas for potential sampling during phase 3.

- *Phase 2 – Literature Review*

A qualified geologist will research known geological literature of the property and surrounds to assist in determining approximate location of viable bentonite and zeolite deposits on the transformed cultivated areas of the property.

After the completion of phases 1 and 2 the geologist will produce potential bentonite and zeolite deposits maps for the property which will serve as guidelines for the next phase which will entail drilling and sampling.

- *Phase 3 –Drilling and Sampling*

Direct push sampler drilling and sampling – using the maps as produced by the geologist during phases 1 and 2 the geologist will determine which orebodies must be investigated further by direct push sampler drilling. This is conducted by the mining company itself and involves the use of a direct push sampler drill rig. The drill rig will push a stainless steel tube of 50-60cm long into the ground, once full it will bring it up and the sample will be taken out. This process will be carried out until bentonite is found or reaching the depth of around 6m. The hole will then immediately be rehabilitated by backfilling and a month later the site is revisited to determine if any the holes re-opened due to decompaction. The sampler holes will have the following maximum temporary footprints – Diameter 60mm; depth 6m = 3.6m³ overburden material produced by drilling to be backfilled immediately after sample has been taken. Samples would be collected according to the geology. Approximately 1000 sampler holes are proposed for the property, but final proposed direct sampler holes's amount will be determined during the completion of phases 1 and 2 therefore proposed direct sampler holes amount might increase or decrease.

Boreholes and sampling - following the results of the samples collected during the direct push sampler drilling, a qualified drilling contractor will be appointed by the mining company and under the guidance and supervision of the qualified geologist conduct the following drilling activities on the areas as identified by the geologist. Drilling involves using a rotary percussion drilling rig bringing samples to the surface in the form of chips. The drilled boreholes will have the following maximum temporary footprints - diameter 0.2m by 0.2m; depth 30m = 12 m³ maximum overburden material produced per borehole to be replaced immediately after sample has been taken. <1kg of sample material is collected by the geologist from each borehole for testing. The drilling samples collected are sent to the laboratory at the cape bentonite mine processing plant near Heidelberg and tested for specific properties to establish the quality of ore as well as determine approximate extension and volume of the available ore body. Approximately 60 drilling sections/lines with 3 boreholes each are proposed for the property = approximately 180

boreholes in total for the property, but final proposed boreholes amount will be determined during the completion of phases 1 and 2 and direct push sampler drilling results and the number of proposed drilling boreholes therefore might increase or decrease. In total only between 100-200kg of sample material will be removed for further testing.

Rehabilitation – immediately (same day) following samples taken during drilling as described above the drilled material will be replaced and existing agricultural land contour structures will be reinstated. The disturbed prospecting areas will be monitored for signs of erosion for at least six months after sampling or until the landowner plants the lands (whichever comes first) and erosion rectification and prevention measures will be implemented as and if required. Alien invasive and weed vegetation monitoring and removal will be undertaken for at least a year after sampling on disturbed prospecting areas or until the landowner starts with the annual cultivation activities on the affected land (whichever comes first). This must be done by the applicant, landowner or their appointed contractor, using CapeNature approved methodology depending on the contract agreement that the applicant has with the landowner. Should any remaining indigenous vegetation and/or watercourse/wetland areas be impacted upon by the proposed prospecting activities a suitably qualified botanical and/or freshwater specialist must be appointed to assess the significance of the impacts and provide recommendations for rehabilitation/rectification. The specialist/s must provide a list of locally indigenous terrestrial and/or aquatic vegetation to be used during the rehabilitation of affected indigenous vegetation and/or watercourse/wetland areas as part of his/her assessment of the affected areas.

- **Phase 4 – Sample Analysis**

<1kg of sample material is collected by the geologist from each borehole for testing. The samples collected are sent to the laboratory at the cape bentonite mine processing plant near Heidelberg and tested for specific properties to establish the quality of ore as well as determine approximate extension and volume of the available ore body.

- **Phase 5 – Maps, Reserve and Resource Modelling**

Maps will be produced showing the location, depth and extent of physical prospecting work, together with, sampling points and the lithology, mineral content and mineral distribution identified, relative to the prospecting area. Following the results of sample analysis conducted the geological reserve modelling is done by using SURPAC and AUTOCAD geological software to determine the grades and quantities of available bentonite and zeolite resources and produce the feasibility reports for the property as investigated/surveyed.

All significant environmental, cultural and socio-economic features applicable to the site were identified and informed the preferred activity, location and layout as proposed. The preferred prospecting activities, location and layout was assessed against the no go option of the site remaining as is..”

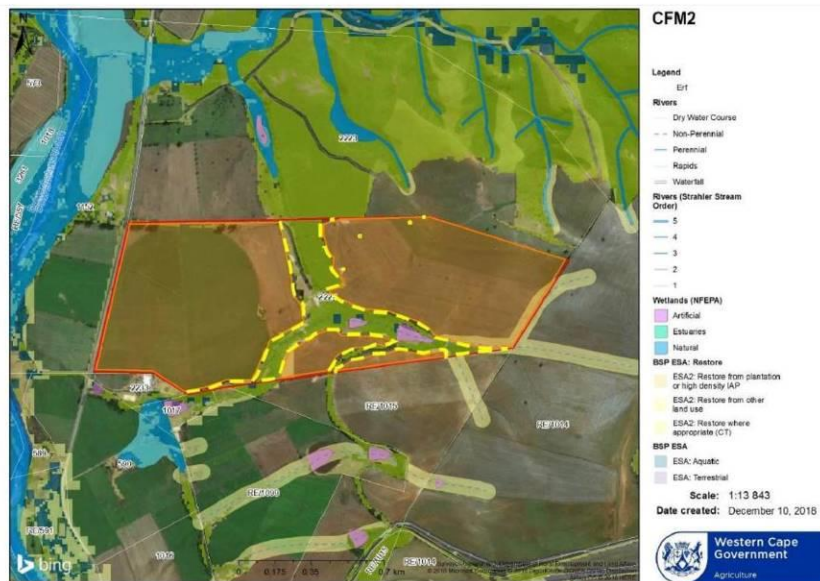


Figure 1: Map supplied by the consultant illustrating the proposed scope of works for prospecting.

According to Mucina and Rutherford² and the Western Cape Biodiversity Spatial Plan (WCBSP 2017)³ the vegetation units affected on the property are the **Critically Endangered** Eastern Rûens Shale Renosterveld (Hardly Protected) and the **Critically Endangered** Cape Lowlands Alluvial (Hardly Protected) (Figure 2). All vegetation units are listed as threatened ecosystems in terms of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) (NEM: BA).

The Eastern Rûens Shale Renosterveld contains 49 threatened plant species and fifteen endemic plant species with <1% formally conserved and with 14% of the original extent remaining in a natural condition. The conservation target for the Eastern Rûens Shale Renosterveld vegetation unit is listed as 27% of its original extent. The Cape Lowland Alluvial Vegetation contains 10 red listed plant species with <1% formally conserved and with 33% of the original extent remaining in a natural condition. The conservation target for the Cape Lowland Alluvial vegetation unit is listed as 31% of its original extent.

In addition to the vegetation found on site there are several cultivated fields as per the Department of Agriculture Fisheries and Forestry (DAFF) 2013 data. It is primarily these areas that have been targeted for mining prospecting operations. In addition to which, there are several non-perennial drainage lines and National Freshwater Ecosystem Priority Area (NFEPA) ⁴ wetlands adjacent to the proposed mine areas (Figure 2).

² Mucina, L. & Rutherford, M. C. (EDS) 2006. The Vegetation of South Africa, Lesotho and Swaziland. Strelitzia 19. South African National Biodiversity Institute, Pretoria. (revised 2012)

³ Pence, G.Q.K. 2017. The Western Cape Biodiversity Spatial Plan: Technical Report. In Prep. Western Cape Nature Conservation Board (CapeNature), Cape Town.

⁴ Nel, J.L., Murray, K.M., Maherry, A.M., Petersen, C.P., Roux, D.J., Driver, A., Hill, L., Van Deventer, H., Funke, N., Swartz, E.R., Smith-Adao, L.B., Mbona, N., Downsborough, L. & Nienaber, S. (2011). Technical Report for the National Freshwater Ecosystem Priority Areas project. WRC Report No. K5/1801.

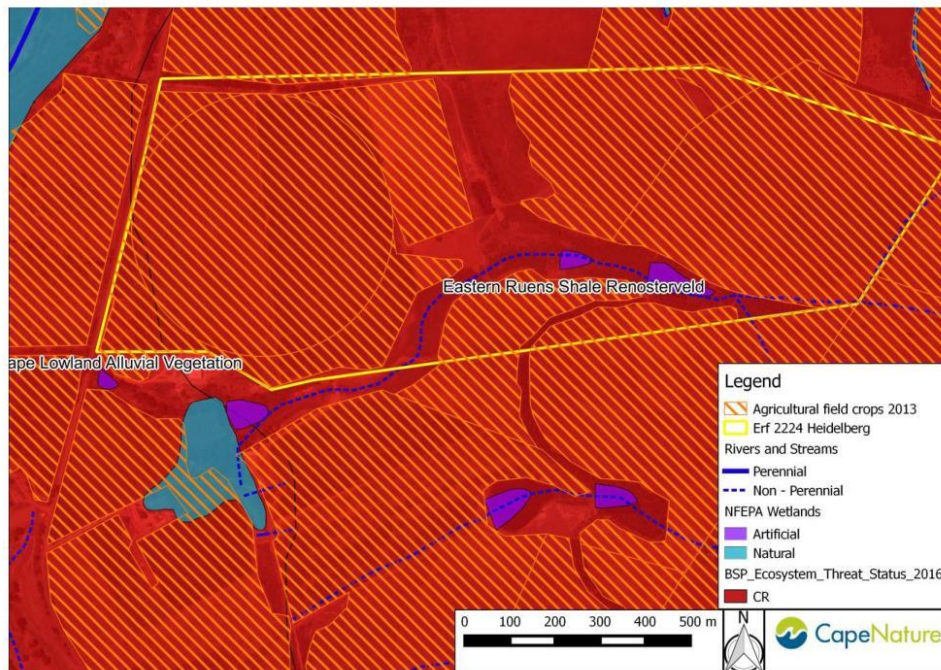


Figure 2: Map showing location of the DAFF fields, relative to farm boundaries, vegetation units, NFEPA wetlands and locations of known streams and rivers.

According to the WCBSP and the DAFF (2013) data, the majority of the mine prospecting area is located on No Natural remaining areas with the exception of some Ecological Support Area 2 regions (Figure 3).

ESA 2 areas are defined as: “Areas that are not essential for meeting biodiversity targets, but that play an important role in supporting the functioning of PAs or CBAs, and are often vital for delivering ecosystem services.”

ESA 2 objectives are: ” Restore and/or manage to minimize impact on ecological processes and ecological infrastructure functioning, especially soil and water-related services, and to allow for faunal movement.

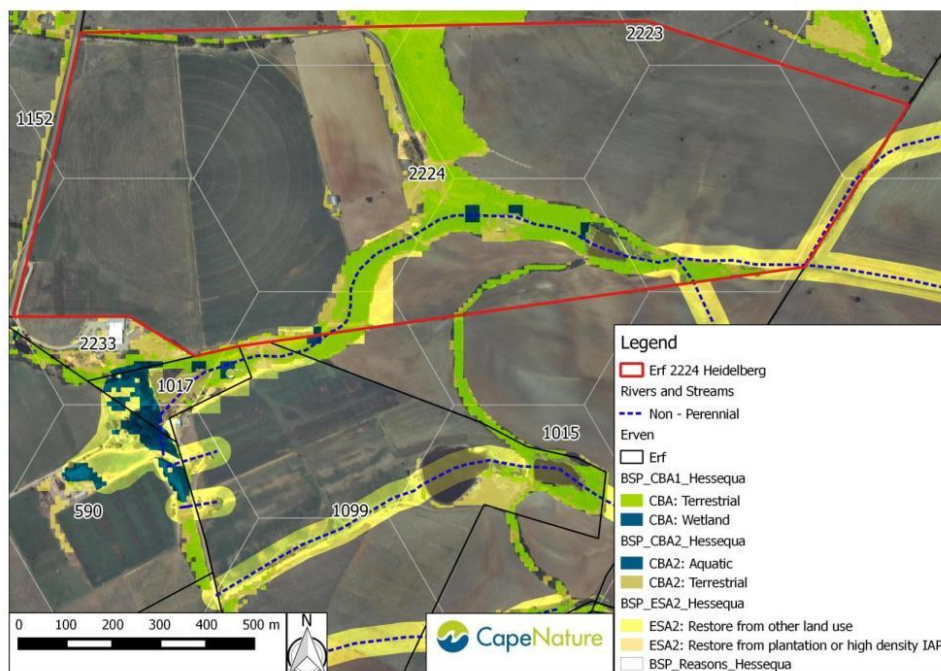


Figure 3: Map showing location of mine relative to farm boundaries, DAFF registered fields and WCBSP (2017) data.

Following a review of the Draft Basic Assessment Report, Environmental Management Programme Report (EMPr) and appendices, and given the above mentioned sensitivity of the site, CapeNature would like to make the following comments/recommendations:

1. Should the geologist locate suitable ore bodies, the mine plan should take cognisance of the following:
 - 1.1. The location of all proposed haulage and mine access roads should be illustrated on an appropriately scaled map. It is especially important to illustrate how and where existing farm tracks would need to be upgraded and the sizes of these roads given. The impact of these would have on the neighbouring sensitive habitat should also be suitably assessed.
 - 1.2. WCBSP (2017) ESA 2 regions are areas delineated that require restoration from other land-uses to support sensitive areas that are designed to meet biodiversity targets, for species, ecosystems or ecological processes and infrastructure. As stipulated in the Land Use Advice (LUA) Handbook (Pool-Stanvliet *et al.* 2017)⁵ although the prospecting area selected may have undergone a level of disturbance via agricultural practices, this cannot be used as motivation for establishing of mining activities within ESA 2. It is therefore

⁵ Pool-Stanvliet, R., Duffell-Canham, A., Pence, G. & Smart, R. (2017). *The Western Cape Biodiversity Spatial Plan Handbook*. Stellenbosch: CapeNature.

recommended that these regions be excluded from future potential the mining operations as mining of these regions could compromise the ecosystem functionality of the CBA regions present on the property. However for prospecting operation and in order to accurately model the ore body, such areas can be prospected

- 1.3. According to the *Fynbos Forum Ecosystem Guidelines for Environmental Assessment in the Western Cape* (de Villiers *et al.* 2016)⁶: “All core renosterveld conservation areas should be buffered by an area of natural habitat of at least 30 m breadth. It is especially important to establish buffers when renosterveld patches are adjacent to agricultural lands.” It is therefore recommended that the EAP and Ecologist buffer all of the identified sensitive regions accordingly informing the future mine layout accordingly.
- 1.4. The No-Go area map should be compiled by the ecologist and appended to the Operational EMPr. This would act as a reminder to the applicant of the location of sensitive regions on the property. It is also recommended that the extent of the mining footprint be fenced off prior to mining activities taking place.
2. A suitably qualified Environmental Control Officer (ECO) must be appointed during the operational phase of the prospecting phase to ensure that rehabilitation measures are being implemented as per the rehabilitation plan.
3. It should be noted that no future mining activities may occur, prior to the completion of the relevant Hessequa Municipality town planning application processes for the mine on the property.

To conclude, CapeNature **does not object** to the proposed prospecting plan for the property as the ecological considerations were taken cognisance of and sensitive areas avoided accordingly. CapeNature’s primary concerns would require addressing, should the applicant discover suitable ore bodies and apply to mine such regions, therefore the majority of the comments were focused on potential future applications and making the client aware of potential future environmental constraints that CapeNature may raise. CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely



Colin Fordham
For: Manager (Scientific Services)

⁶ De Villiers C.C., Driver A., Clark B., Euston-Brown D.I.W., Day E.G., Job N., Helme N.A., Holmes P.M., Brownlie S. and A.B. Rebelo (2016). *Ecosystem Guidelines for Environmental Assessment in the Western Cape*, Edition 2. Fynbos Forum, Cape Town



BETTER TOGETHER.

ENQUIRIES:

Ms Shireen Pullen (Directorate: Development Management)
Ms Simone Bugar (Directorate: Waste Management)
Mr Gunther Frantz (Directorate: Pollution and Chemicals Management)
Mr Peter Harmse (Directorate: Air Quality Management)

REFERENCES:

16/3/3/6/4/1/2/D6/29/0030/19 (Development Management)
19/2/5/3/D5/7/WL0014/19 (Waste Management)
19/3/2/4/D5/7/DFU0008/19 (Pollution and Chemicals Management)
19/4/4/BH1 – Erf 2224, Heidelberg (Air Quality Management)

DATE: 2 May 2019

The Board of Directors
Eco Impact Legal Consulting (Pty) Ltd
P.O. Box 45070

CLAREMONT
7735

For attention: Ms Johmandie Pienaar

Tel: (021) 671 1660

E-mail: johmandie@ecoimpact.co.za

PER E-MAIL

Dear Madam

COMMENT ON THE DRAFT BASIC ASSESSMENT REPORT FOR LISTED ACTIVITIES ASSOCIATED WITH THE BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION ON ERF NO. 2224, HEIDELBERG (DMR REF: WC30/5/1/1/2/10300PR)

1. The Pre-Application Basic Assessment Report ("BAR") dated January 2019, the Department's comments thereto dated 8 March 2019, and the Draft BAR dated March 2019 as received by the Department on 29 March 2019 (Cape Town Office) and 11 April 2019 (George Office), refer. Please find the Department's collated comments on the Draft BAR with associated Environmental Management Programme ("EMPr").
2. Directorate: Development Management (Region 3) – Ms Shireen Pullen (Shireen.Pullen@westerncape.gov.za; Tel: (044) 805 8600):
 - 2.1 According to the Draft BAR, all potential negative impacts associated with prospecting activities (i.e. increased dust levels; erosion of the site and surrounds; increased sediment loads in water resources; impacts on terrestrial indigenous vegetation such as mapped Critical Biodiversity Areas ("CBAs") and Ecological Support Areas ("ESAs"); and impacts on primary and secondary drainage lines and man-made dams) that are rated as having a medium negative significance, can be reduced to a low negative significance rating post-mitigation.

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- 2.2 The Draft BAR further submits that the potential negative impacts (i.e. potential impacts of/on emissions; impacts on the naturally occurring fauna and avifauna; impacts on archaeological, paleontological and heritage remains; noise and visual impacts) that are rated as low negative, would remain of the same significance rating (i.e. low negative) after the implementation of mitigation measures.
- 2.3 This Directorate accepts and concurs with the abovementioned impact ratings, provided that the proposed mitigation measures are strictly implemented. In addition, all recommendations proposed in the Ecological Baseline Assessment dated June 2018 must also be strictly implemented and adhered to.
- 2.4 The Draft BAR indicates that the applicant confirmed that the amount required for rehabilitation "can be provided for from the operating expenditure." This Directorate acknowledges that the Draft BAR is a template provided by the competent authority; however, please note that rehabilitation of the site cannot be subjected to the success of the operational aspect of the proposal. The applicant must therefore confirm that there is enough funding available for rehabilitation of prospecting activities, irrespective whether prospecting yields positive results that may result in potential mining of the resource.
- 2.5 The Environmental Control Officer ("ECO") must be on-site during drilling activities to ensure that rehabilitation is completed on the same day, as stipulated in the EMPr.
- 2.6 According to the information provided, the site is already transformed by previous agricultural activities and clay mining. Demarcation and protection of the individual milkwood trees found on the site are of utmost importance, and the mitigation measures proposed in the EMPr should be strictly adhered to. The 50m buffer area between the milkwood trees and areas identified for prospecting must always be maintained. The demarcation method and buffer thresholds must be done in consultation with the ECO and his/her approval.
- 2.7 Non-perennial drainage lines, man-made and natural dams with associated wetland characteristics were identified on the site; with most of them connected to remaining indigenous remnants (also classified as CBAs, ESAs and National Wetland Freshwater Ecosystems Priority Areas).
- 2.7.1 Please note that these drainage lines or watercourses should under no circumstances be polluted or impacted upon by prospecting activities.
- 2.7.2 A berm between the proposed prospecting right area and these drainage lines or watercourses must be established to mitigate and assist in the prevention of ground and/or surface water pollution.
3. Directorate: Waste Management – Ms Simone Bagan (Simone.Bagan@westerncape.gov.za; Tel: (021) 483 4090):
- 3.1 Based on the information provided, this Directorate has no objection to the proposed bentonite and zeolite prospecting activities. This Directorate is satisfied that its comments of 8 March 2019 on the Pre-Application BAR were addressed and incorporated in the Draft BAR and EMPr and has no further comment on the Draft BAR.

4. Directorate: Pollution and Chemicals Management – Mr Gunther Frantz (Gunther.Frantz@westerncape.gov.za; Tel: (021) 483 2975):
- 4.1 This Directorate supports the impact mitigation and rehabilitation measures identified in Section 6 of the Ecological Baseline Assessment to avoid impacts on sensitive environment and landscape features on the site.
- 4.2 The “no-go areas” identified in the proposed prospecting layout map (Map 6) must be strictly enforced by the applicant and ECO.
- 4.3 The site-specific storm water management measures provided on page 153 of the EMPr are supported and must be adhered to, with specific emphasis on backfilling of drill sites and boreholes, and the implementation of erosion control measures.
5. Directorate: Air Quality Management – Mr Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 4383):
- 5.1 The potential generation of dust and noise impacts and the avoidance and management of these impacts were sufficiently addressed in the EMPr. This Directorate has no further comment on the Draft BAR.
6. The applicant is reminded of its general duty of care and the remediation of environmental damage in terms of section 28(1) of National Environmental Management Act, 1998 (Act No. 107 of 1998) which specifically states that: “...Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment...”
7. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the comments provided.
8. The Department reserves the right to revise or withdraw initial comments and request further information based on any information received.

Yours faithfully



pp **HEAD OF DEPARTMENT**
DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

From: [GCBR Marinda](#)
To: ["Anneke Bester"](#)
Subject: RE: Erf 2224
Date: Monday, April 29, 2019 10:52:16 AM
Attachments: [image003.png](#)

Good day Anneke

The GCBR currently does not have the capacity to respond to individual public participation processes.

Kind regards/ Vriendelike groete

Marinda van As

Administrator
Gouritz Cluster Biosphere Reserve (GCBR)

Telephone no: 028 050 0576/7
E-mail: admin@gouritz.com
www.gouritz.com



From: Anneke Bester <anneke@ecoimpact.co.za>
Sent: Monday, 29 April 2019 10:20
To: admin@gouritz.com
Cc: 'Johmandie Pienaar' <johmandie@ecoimpact.co.za>
Subject: Erf 2224

**BENTONITE AND ZEOLITE PROSPECTING RIGHT APPLICATION ON ERF 2224,
HEIDELBERG – WESTERN CAPE**

Good day,

The DRAFT BAR for above mentioned project is available on our website:
<https://www.ecoimpact.co.za/public-participation/>

In terms of Section 24O of NEMA you are hereby notified of the 30 day comment period (starting from the date of this email) within which you must please provide your comments on the abovementioned report/s and documents.

I have attached a map for your convenience.

Please send comments directly to admin@ecoimpact.co.za.

Kind regards

Anneke Bester
Administration



Eco Impact Legal Consulting (Pty) Ltd
Reg: 2010/015546/07
P.O. Box 45070 Office: +27 (0) 21 671 1660
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PROOF HERITAGE WESTERN CAPE RECORD OF DECISION

REGISTERED POST

Our Ref: HM/ HESSEQUA / HEIDELBERG/ ERF 2224
Case No: 19031807KB0329E
Enquiries: Khanyisile Bonile
E-mail: khanyisile.bonile@westerncape.gov.za
Tel: 021 483 9598
Date: 09 April 2019



Count the silver 13 BK
P.O.Box 25
Heidelberg
6665

RESPONSE TO NOTIFICATION OF INTENT TO DEVELOP: FINAL
In terms of Section 38(2) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape
Provincial Gazette 6061, Notice 298 of 2003

NOTIFICATION OF INTENT TO DEVELOP: BENTONITE AND ZEOLITE PROSPECTING OF ERF 2224, OFF VAN RIEBEEK STREET, HEIDELBERG SUBMITTED IN TERMS OF SECTION 38(8) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)

CASE NUMBER: 19031807KB0329E

The matter above has reference.

Heritage Western Cape is in receipt of your application for the above matter received on 29 March 2019. This matter was discussed at the Heritage Officers meeting held on 02 April 2019.

You are hereby notified that, since there is no reason to believe that the proposed bentonite and zeolite prospecting on Erf 2224, Off Van Riebeeck, Heidelberg will impact on heritage resources, no further action under Section 38 of the National Heritage Resources Act (Act 25 of 1999) is required.

However, should any heritage resources, including evidence of graves and human burials, archaeological material and paleontological material be discovered during the execution of the activities above, all works must be stopped immediately and Heritage Western Cape must be notified without delay.

This letter does not exonerate the applicant from obtaining any necessary approval from any other applicable statutory authority.

HWC reserves the right to request additional information as required.

Should you have any further queries, please contact the official above and quote the case number.

Yours faithfully


.....
Dr. Mxolisi Dlamuka
Chief Executive Officer, Heritage Western Cape

www.westerncape.gov.za/cas

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