



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

SCOPING REPORT
FOR LISTED ACTIVITIES ASSOCIATED WITH MINING RIGHT.

DWAGGAS SALT MINE

(Commissioner's Pan Extension)

SUBMITTED FOR ENVIRONMENTAL AUTHORIZATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

| | |
|--------------------------------------|---|
| NAME OF APPLICANT: | Dwaggas Salt Works (Pty) Ltd |
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| FILE REFERENCE NUMBER SAMRAD: | NC30/5/1/2/5/2/545MR |

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Report #: 2589/2459/MR/FS

IMPORTANT NOTICE

In terms of the Mineral and Petroleum Resources Development Act (Act 28 of 2002 as amended), the Minister must grant a prospecting or mining right if among others the mining “will not result in unacceptable pollution, ecological degradation or damage to the environment”.

Unless an Environmental Authorisation can be granted following the evaluation of an Environmental Impact Assessment and an Environmental Management Programme report in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA), it cannot be concluded that the said activities will not result in unacceptable pollution, ecological degradation or damage to the environment.

In terms of section 16(3)(b) of the EIA Regulations, 2014, any report submitted as part of an application must be prepared in a format that may be determined by the Competent Authority and in terms of section 17 (1) (c) the competent Authority must check whether the application has taken into account any minimum requirements applicable or instructions or guidance provided by the competent authority to the submission of applications.

It is therefore an instruction that:

the prescribed reports required in respect of applications for an environmental authorisation for listed activities triggered by an application for a right or permit are submitted in the exact format of, and provide all the information required in terms of, this template. Furthermore please be advised that failure to submit the information required in the format provided in this template will be regarded as a failure to meet the requirements of the Regulation and will lead to the Environmental Authorisation being refused.

It is furthermore an instruction that:

The Environmental Assessment Practitioner must process and interpret his/her research and analysis and use the findings thereof to compile the information required herein. (Unprocessed supporting information may be attached as appendices). The EAP must ensure that the information required is placed correctly in the relevant sections of the Report, in the order, and under the provided headings as set out below, and ensure that the report is not cluttered with un-interpreted information and that it unambiguously represents the interpretation of the applicant.

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List of Abbreviations:

| | |
|------|---------------------------------------|
| CBA | Critical Biodiversity Area |
| DMR | Department of Mineral Resources |
| EAP | Environmental Assessment Practitioner |
| EMP | Environmental Management Programme |
| HWC | Heritage: Western Cape |
| I&AP | Interested and Affected Party |
| MWP | Mining Work Programme |
| ngl | Natural Ground Level |
| NID | Notification of Intent to Develop |
| POD | Public Open Day |
| SDF | Spatial Development Framework |
| SLP | Social and Labour Plan |

1 OBJECTIVE OF THE SCOPING PROCESS

The objective of the scoping process is to, through a consultative process—

- a) identify the relevant policies and legislation relevant to the activity;
- b) motivate the need and desirability of the proposed activity, including the need and desirability of the activity in the context of the preferred location;
- c) identify and confirm the preferred activity and technology alternative through an impact and risk assessment and ranking process;
- d) identify and confirm the preferred site, through a detailed site selection process, which includes an impact and risk assessment process inclusive of cumulative impacts and a ranking process of all the identified alternatives focusing on the geographical, physical, biological, social, economic, and cultural aspects of the environment;
- e) identify the key issues to be addressed in the assessment phase; (f) agree on the level of assessment to be undertaken, including the methodology to be applied, the expertise required as well as the extent of further consultation to be undertaken to determine the impacts and risks the activity will impose on the preferred site through the life of the activity, including the nature, significance, consequence, extent, duration and probability of the impacts to inform the location of the development footprint within the preferred site; and
- f) Identify suitable measures to avoid, manage, or mitigate identified impacts and to determine the extent of the residual risks that need to be managed and monitored.

VERY IMPORTANT NOTE:

This Scoping Report has been prepared for the **extension** of the Mining Right area only and does not and is not meant to address the existing Dwaggas Mine and the Pipeline which connects Dwaggas Salt Mine with the Commissioners Pan. Both the Dwaggas Salt Mine and the Pipeline are approved in terms of the relevant Acts.

2 Contact Person and correspondence address

2.1 Details of the EAP who prepared the report

Name of the Practitioner: Craig Donald – Site Plan Consulting
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2.2 The qualifications of the EAP

(With evidence attached as **Appendix 1**).

2.3 Summary of the EAP's past experience.

(EAP's curriculum vitae as **Appendix 1**)

3 Description of the property.

The existing salt mine is on Dwaggas Oos 190 portion 5. This area measures 2338.32ha.

The proposed extension is located on the following 3 properties:

| | |
|--|---|
| Farm Name: | 1. The entire Commissioners Vley 196 / 1 2. Portion of Hoek van de Pan 189/4 3. Portion of Wolfkop 1141/2 In the Administrative District of Calvinia |
| Application area (Ha) | 4 844.54ha |
| Magisterial district: | Calvinia Magisterial District |
| Distance / direction from nearest town | Loeriesfontein is located 70km SW |
| Surveyor General Code | 1. C0150000000019600001 2. C0150000000018900004 3. C01500000000114100002 |

4 Locality map

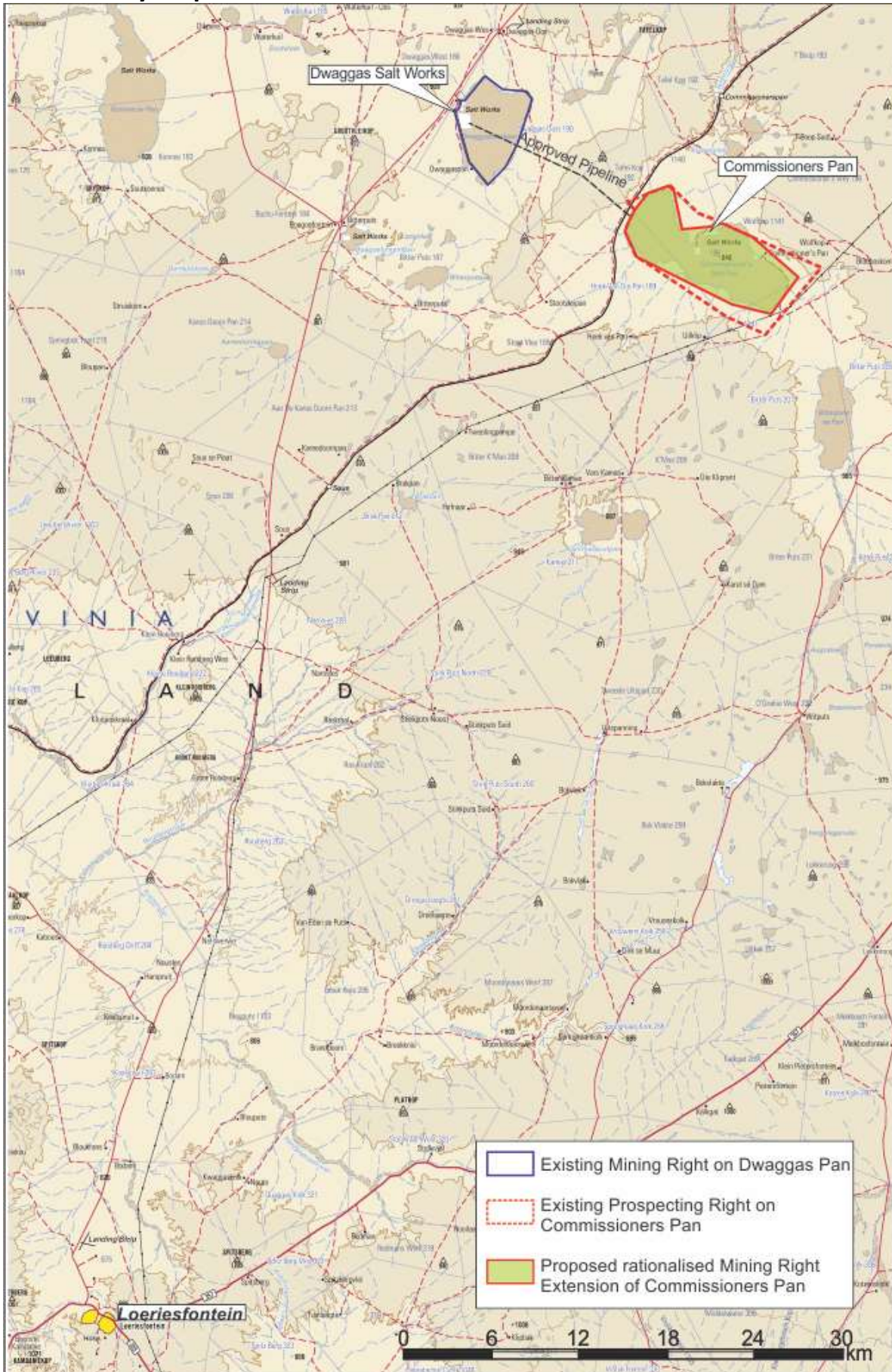


Figure 1: Locality Plan

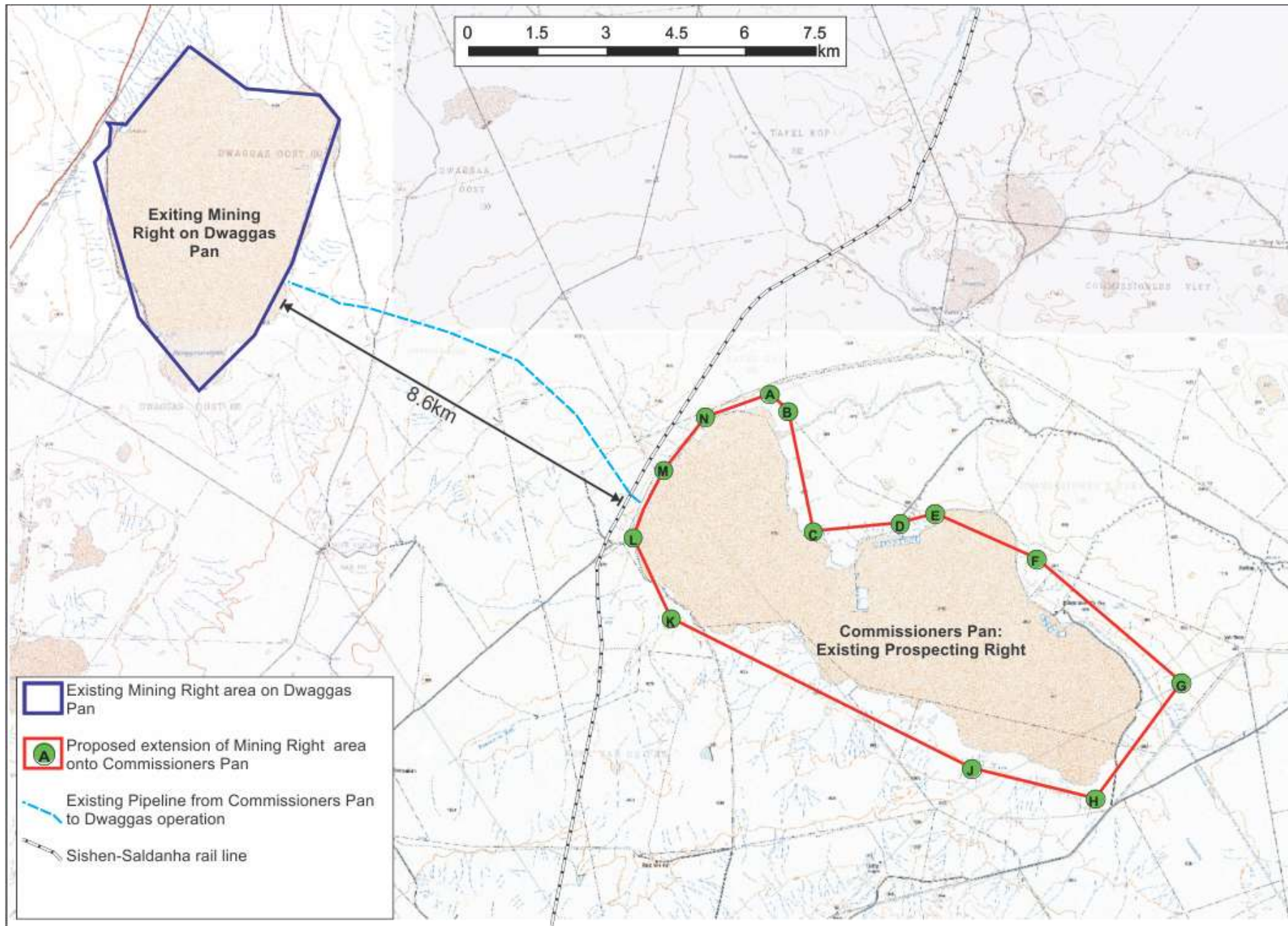


Figure 2: Detail Locality

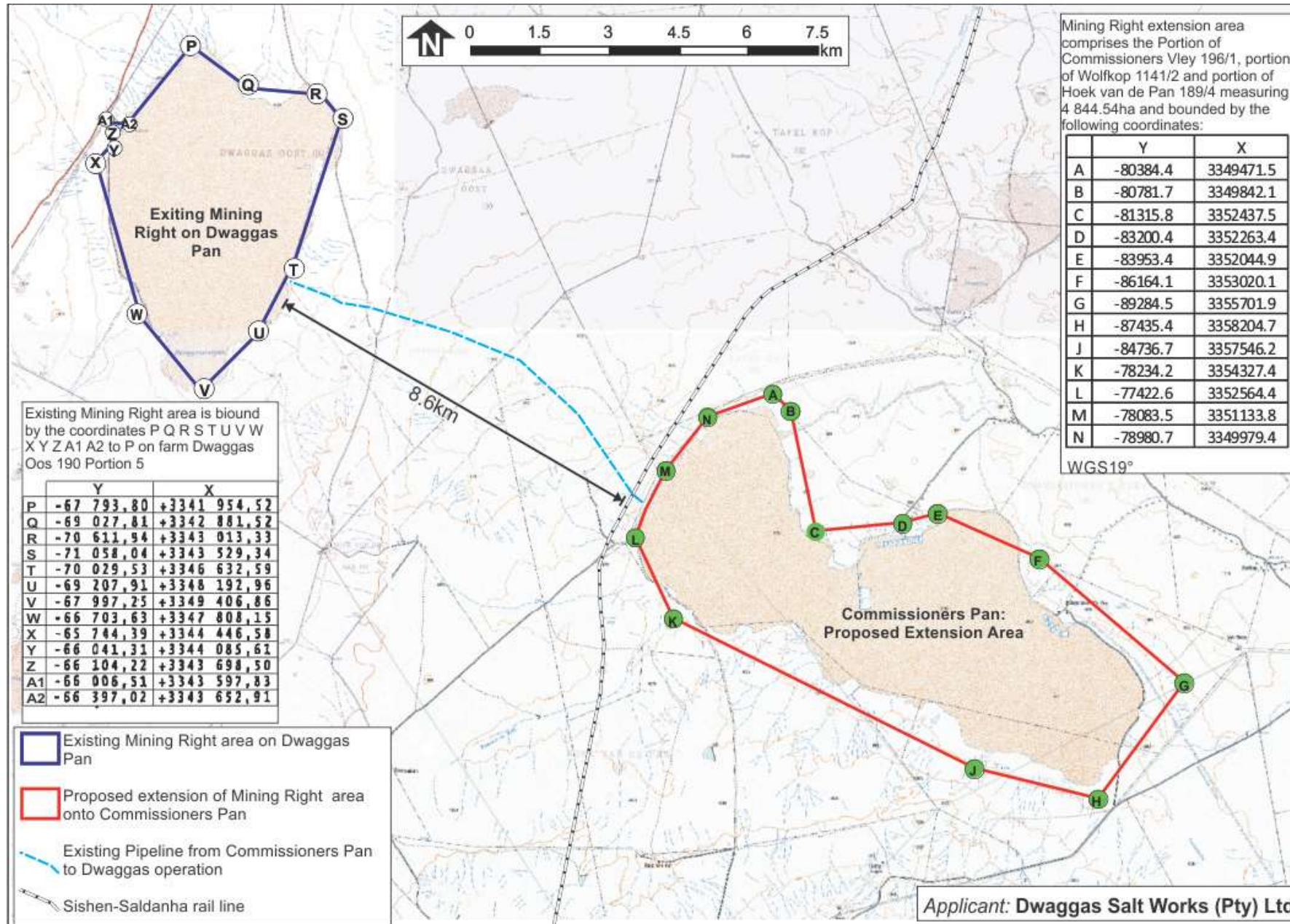


Figure 3: Overall Regulation 2(2) plan and detail locality

5 Description of the scope of the proposed overall activity.

5.1 History of the Commissioner Pan Site and Linkages to Dwaggas Pan Operation

Commissioner's Pan Salt Works (Pty) Ltd was established in 1957 to mine salt on the Commissioners Pan and mining took place by traditional evaporative pond method until ±25 years ago. During this period AECI acquired the controlling shareholding in Commissioner's Pan Salt Works (Pty) Ltd.

During 1979 Techemet (Pty) Ltd undertook an extensive chemical analysis and salt reserve assessment for AECI Limited. Based on such report, AECI's subsidiary at the time; Commissioner's Pan Salt Works (Pty) Ltd licensed the pan for further mining of the salt under Mining Permit MP279/97 (under the Minerals Act).

The new shareholders then purchased Commissioner's Pan Salt Works (Pty) Ltd in 1999 and prepared an application for renewal of the then Mining Licence to re-initiate mining in 1999 but no licence was ever granted. In that same period, Dwaggas Soutwerke (Pty) Ltd were mining the salt from nearby Dwaggas pan and continue to do so today under converted Mining Right.

Given that no public road passes near to Commissioner's Pan with the only access being off the private road of Orex (the Sishen rail service road), and no electricity or infrastructure being near to Commissioner's Pan (then), the mining of salt at Commissioner's Pan was always problematic from a logistical and delivery transport perspective.

The fact that Dwaggas Soutwerke (Pty) Ltd mined salt and dispatched the product from nearby Dwaggas Pan which has public road access and other infrastructure, have acquired the surface rights of the Commissioner's Pan through a lease with the State, a private lease and purchase of Uilklip farm, prompted them to consider pumping the brine of Commissioner's Pan to Dwaggas Pan for recovery of the salt at the Dwaggas Pan works.

Such centralization of the recovery and beneficiation works and sharing of infrastructure and management have been assessed to raise the reserves (grades) of Commissioner's Pan's deposit to be economically recoverable.

Consequently, Dwaggas Soutwerke (Pty) Ltd has already obtained the following permissions from authorities:

- A **ROD** (Record of Decision) from the Department of Environmental Affairs in terms of the Environment Conservation Act to **construct a pipeline** from Commissioner's Pan to the existing salt recovery works at Dwaggas Pan and to pump such brine; and
- A **DWAF Certificate of Water Use** (No: 250-28032) dd 15 February 2005 to pump 250 000 cubic metres of brine from Commissioner's Pan to Dwaggas Pan per year.
- **Prospecting right** (and subsequent renewal thereof) to test the viability of the brine at the Dwaggas evaporation facilities.

Through the lengthy prospecting period, the sustainability and quality of the brine has been proved positive and the applicants now wish to “convert” their prospecting right into more permanent Mining Right application. Given the connection between Dwaggas Salt works on nearby farm and this operation, it was decided to lodge an Amendment application in terms of Section 102 to incorporate the Commissioners Pan operation to the Dwaggas Salt Works project. The connection is in respect of:

- 1) All evaporation ponds, logistical facilities, plant and accommodation are located at the approved Dwaggas Pan operation and at present brine is pumped from the Commissioners Pan operation to the Dwaggas operation for evaporation, treatment and dispatch. There will be no workings at the Commissioners Pan site except for the wells and pumps.
- 2) The two operations use the same labour force. This application will not result in any additional labour requirement. It is worth noting that in this case a new mining right application on Commissioners Pan would also not result in any new labour positions / requirements
- 3) The two operations are linked by a pipeline (with approved ROD).
- 4) There will be no workings on the Commissioners Pan above and beyond that which have been established in the prospecting right phase of that operation (except perhaps for the lengthening of Phase 3 trench as discussed below). There will be no evaporation ponds, additional logistical facilities, no accommodation, etc.
- 5) From an entirely administrative point of view for both the applicant and the DMR, the incorporation of the two operations as a logical single working unit makes the most sense in reducing administrative requirements.

The following structures / functions are already approved and on site at the operational salt mine on Dwaggas Pan:

- Office / Store / Toilet
- Housed Generator
- Diesel tank
- Crusher: Note the crusher is very simple crusher based on hammer mill design with the entire machine measuring less than 2x2m
- Evaporation ponds
- Final production ponds
- 1 x bagging plant
- In pan wells/ trenches and pumps and pipelines

5.2 Mining Method and Site Layout

The layout at the extension area (i.e. on Commissioners Pan) is as shown in Figure 4. The site layout will remain as such with the trenches in place to collect water (acting as sumps) and then pumping water via system of pits and pumps via the pipeline between Commissioner and Dwaggas Pans to one or more of the existing salt evaporation paddocks on the Dwaggas Pan. The applicants / holders may increase the length of the so called Phase 3 trench from current less than 10m up to 200m.

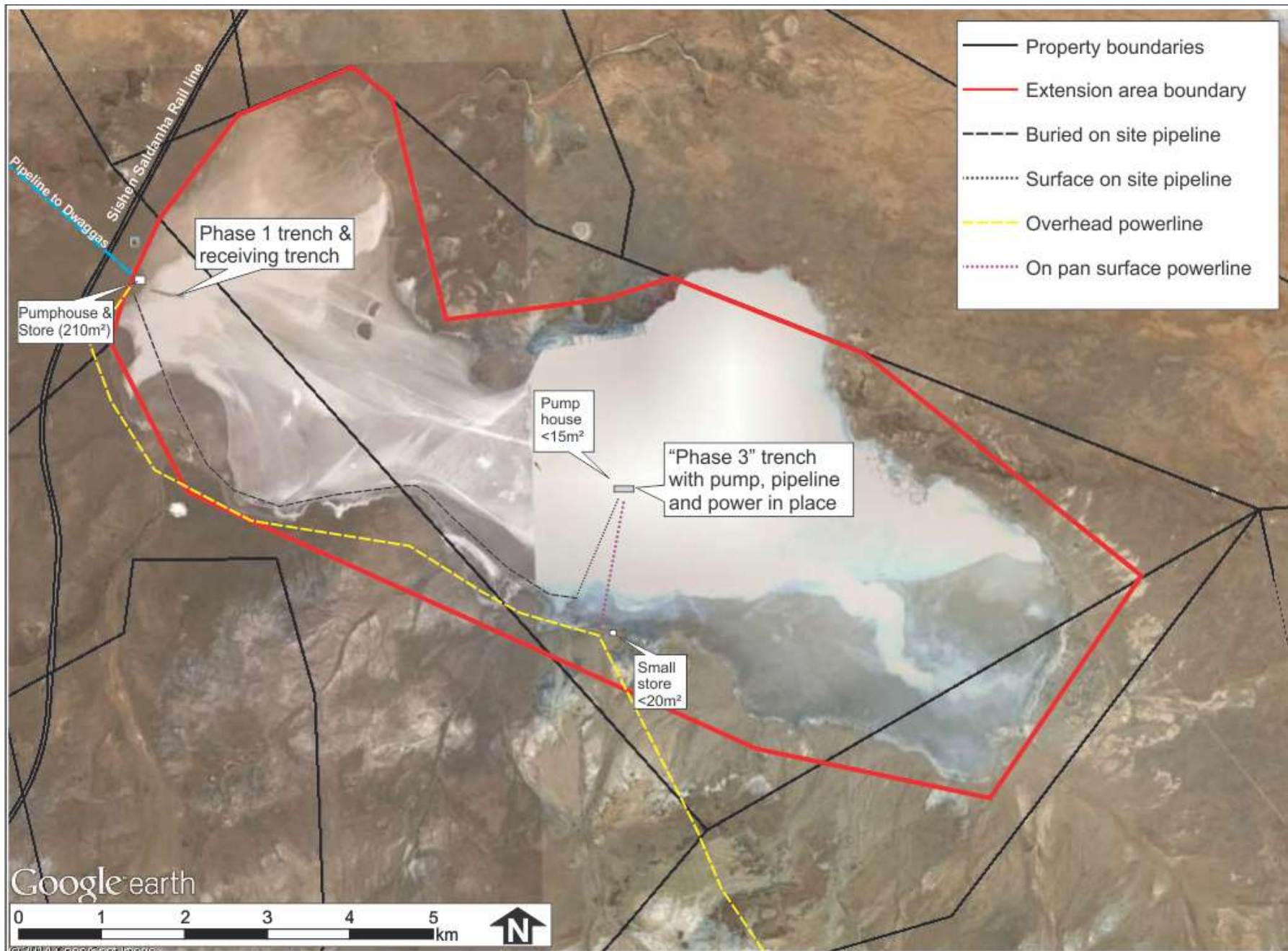


Figure 4: Site Layout Plan

6 Listed and specified activities

When reading the following list containing listed activities please bear the following in mind:

- This application is an amendment of existing right (i.e. Dwaggas operation). Such Dwaggas operation was approved before December 8, 2014 and as such is a valid EA.
- This site (Commissioners Pan) is currently operated under existing approved Prospecting Right, also approved before 8 December 2014 and as such has a deemed EA.
- This application is now the result of successful prospecting at the site and all disturbances planned in respect of this Environmental Authorisation are already in place (except for possible extension of the Phase 3 trench) and are already approved in terms of existing Prospecting Right... but...
- The activities which are already taking place are included in this EA application so that they remain valid for the life of mine (i.e. 30 years as opposed to when the prospecting right has run its course).
- As a result, the impacts and management thereof are well established.
- There will be no change to existing infrastructure and disturbances with the exception of the lengthening of the so-called Phase 3 trench in the middle of the pan

| ACTIVITY | AERIAL EXTENT OF ACTIVITY | LISTED ACTIVITY | APPLICABLE LISTING NOTICE | WASTE MANAGEMENT AUTHORISATION |
|--|---|-----------------|--|--------------------------------|
| Strictly speaking this is an application in terms of Section 102 of MPRDA and as such no listed activity is triggered by that application, however this listed activity is added because the affected area will be under Mining Right: | 4 844.54ha (+2338.32 existing area) | X | GNR984: Activity # 17. | |
| 1. POST-APPROVAL ACTIVITIES | It is important to note that this operation is already in place and no establishment phase is required. | | | |
| 1.1. Extension of so-called Phase 3 trench | Up to 200m in length x 5m wide trench to 3m deep = 3 000m ³ | X | GNR983: Activity # 12 ¹ GNR 983: Activity 19 | |
| 2. OPERATIONAL PHASE ACTIVITIES | | | | |
| 2.1. Brine is collected through seepage into trenches | | | Water Use Licence has been granted | |

¹ Pan is a watercourse in terms of definition in NWA and the development of channels exceeding 100m² in size triggers this activity.

| ACTIVITY | AERIAL EXTENT OF ACTIVITY | LISTED ACTIVITY | APPLICABLE LISTING NOTICE | WASTE MANAGEMENT AUTHORISATION |
|---|---|-----------------|---|--------------------------------|
| <p>2.2. Trenches in pan surface: At present there are 3 as follows:</p> <ul style="list-style-type: none"> i. 80m long trench in extreme west of pan ii. 405m trench just east of trench in (i) <p>These are collectively known as Phase 1 trench.</p> <ul style="list-style-type: none"> iii. 5m trench in centre of pan to be extended to 200m in length (known as Phase 3 trench) <p>There is no Phase 2 Trench</p> | Trenches are up to 5m wide so total trench surface area will measure 3425m ² | X | GNR983: Activity # 12 ² GNR 983: Activity 19 | |
| 2.3. Existing pipe from Phase 3 Trench laid on pan (Surface from trench to near pan edge, then buried on pan to main pump house) | 250mm diameter | X | GNR 983: Activity 19 | |
| 2.4. Water pumped virtually continuously from trenches in pan to Dwaggas operation (via on surface pipes) | 3m ² pump area x 2 | To be assessed | Unlikely | |
| 2.5. Electricity to pumps from the south. On pan lines laid on surface otherwise overhead | On pan lines on surface, otherwise overhead from connection in the south | | | |
| 2.6. This brine is pumped to evaporation ponds on the approved Dwaggas Site via the approved pipeline. | 2 electrically driven pumps within pan disturbance area | | Water Use Licence has been granted. EA for Pipeline has also been granted | |
| 2.7. Vehicles using existing unsurfaced roadways on site. No new roads will be developed. The access road to the site is a normal farm track running adjacent to the pipe between Dwaggas and Commissioners Pan. On site road is a track on pan surface which is not accessible during wetter times. No roads are >4m. All tracks just "tweespoor with middle mannetjie". However, to ensure EA covers possibility of any road being wider than 4m, such listing is included here | | X | GNR985: Listing # 4 | |

² Pan is a watercourse in terms of definition in NWA and the development of channels exceeding 100m² in size triggers this activity.

| ACTIVITY | AERIAL EXTENT OF ACTIVITY | LISTED ACTIVITY | APPLICABLE LISTING NOTICE | WASTE MANAGEMENT AUTHORISATION |
|--|---|-----------------|---|--------------------------------|
| 2.8. There are 3 buildings on site: 1) Main Store / pump house on western edge 2) Pump enclosure at Phase 3 trench 3) Small store to south of pan | Total combined Building area measures ±240m ² | | | |
| 2.9. Potable water trucked in as required (minor volumes) | | | | |
| 3. DECOMMISSIONING PHASE ACTIVITIES | | | GNR983: Activity # 22. Only applies at time of closure | |
| 3.1. Backfill trenches | 2 x 1000m ² | | | |
| 3.2. Remove all structures foundations and footings (unless required by landowner) | 3 x small buildings (wooden structures clad in steel sheet) | | | |
| 3.3. Rip surface of buildings areas to 30 -45cm deep (if applicable (i.e. if buildings are removed)) | <500m ² | | | |
| 3.4. Allow to revegetate naturally | <500m ² | | | |
| 4. AFTERCARE PERIOD | | | | |
| 4.1. Remove alien vegetation, if present | | | | |
| 4.2. Monitor revegetation success and continue | | | | |
| 4.3. Conduct final performance assessment | | | | |
| 4.4. Lodge closure Application | 4844.54ha (+2338.32ha existing mining right area) | X | GNR983: Activity # 22. Only applies at time of closure | |
| 4.5. DMR Grant Closure Application | | | | |

7 Description of the activities to be undertaken

(Describe Methodology or technology to be employed, and for a linear activity, a description of the route of the activity)

Refer Para 5 and 6 above.

8 Policy and Legislative Context

| APPLICABLE LEGISLATION AND GUIDELINES USED TO COMPILE THE REPORT (A description of the policy and legislative context within which the development is proposed including an identification of all legislation, policies, plans, guidelines, spatial tools, municipal development planning frameworks and instruments that are applicable to this activity and are | REFERENCE WHERE APPLIED (i.e. Where in this document has it been explained how the development complies with and responds to the legislation and policy context) | HOW DOES THIS DEVELOPMENT COMPLY WITH AND RESPOND TO THE POLICY AND LEGISLATIVE CONTEXT (E.g. In terms of the National Water Act: - Water Use License has/has not been applied for). |
|---|--|--|
| National Environmental Management Act | Entire document including public participation | Environmental Authorization from DMR as competent authority |
| Mineral and Petroleum Resources Development Act | Template for Scoping Report | DMR application and process |
| Municipality's SDF | Need and Desirability (Para 9) | End Use informant |
| National Water Act | Disturbance of water course | Water Use Licence is in place |
| EIA Guideline and Information Document Series' "Guideline on Need and Desirability" | Need and Desirability (Para 9) | Guideline for information utilized in this document |
| EIA Guideline 5 Assessing alternatives and impacts | Cumulative Impact Assessment (Para 9.2.1) | Guideline for information utilized in this document |
| NEMWA | Not applicable | No application for Waste Licence |

9 Need and desirability of the proposed activities.

(Motivate the need and desirability of the proposed development including the need and desirability of the activity in the context of the preferred location).

The EIA Guideline and Information Document Series' "Guideline on Need and Desirability" dated August 2010 has been used to consider this aspect.

Important: The need and desirability should not **only** focus on the actual mining phase of this site's lifespan but also concentrate on the long term / permanent post mining land use proposal. As background to the following paragraphs, the **proposed eventual land use is to return the land as a functioning pan to be left in its natural condition.**

Need refers to timing of a project whilst desirability is defined to consider the placing of the activity. The first port of call in considering need and desirability is a determination of how the proposed project fits in with the Municipal Integrated Development Plan (IDP) and the Spatial Development Framework (SDF).

Unfortunately, in this case, the SDF appears not yet been approved and according to the IDP document is still under review. Be that as it may, it can be reasonably assumed that the land and farm in question would form part of the low carrying capacity grazing areas which typify the region. There are no formally protected areas nearby and the site is not located close to any CBA. The pan would however form part of a classification with higher conservation-worthiness.

The guideline referred to above provides a list of 15 questions which are aimed at addressing the issue of need and desirability. The questions have been copied below with the consideration of each question as it relates to this application immediately following each question.

Need ('timing'):

Question 1: *Is the land use (associated with the activity being applied for) considered within the timeframe intended by the existing approved Spatial Development Framework (SDF) agreed to by the relevant environmental authority? (i.e. is the proposed development in line with the projects and programmes identified as priorities within the credible IDP).*

The proposed land use that would be attributed to this land parcel surrounding the pan would no doubt be low level grazing whilst the pan may be slightly higher level of conservation worthiness, given the current use of this and surrounding farms and the distance to any CBA. Whether the SDF will acknowledge the current mining taking place there is unlikely. We have found that other SDF's take very little or absolutely no cognisance of the mining industry. Mining is a place-bound activity but there can be no planning at an SDF level for specific sites. As a result each Mining Permit / Right application must be considered on its own merit.

Question 2: *Should development concerned in terms of this land use (associated with the activity being applied for) occur here at this point in time?*

Yes. It is recognised that mining is usually a short term activity within the time span of the resource, but the mining at this site does not eliminate the future use of the land for its current land use. In other words, the mining will not preclude future use of the land for pasture or for return to wilderness in the case of the off pan activities or as a normal functioning pan for the on-pan uses.

Question 3: *Does the community/area need the activity and the associated land use concerned (is it a societal priority)? This refers to the strategic as well as local level (e.g. development is a national priority, but within a specific local context it could be inappropriate)*

YES. This questions deals with “justifiable economic development” and it should lead to the conclusion of whether the project serves the community in the broader sense. There are 3 points to consider in this respect:

1. From a financial point of view: This mine and others owned and run by this and sister companies in the area are significant contributors to the community of Loeriesfontein. Not only in the sense of providing direct employment, but also through their Corporate Social Responsibility.
2. In addition the guaranteed salt source will lead to a more defined future for the company and as a result perhaps could be extended to job security.
3. Also note that the site is actually so far from the community as to render the impact from mining (i.e. biophysical) on the community negligible and as such the development cannot be seen to be inappropriate at this time.

Question 4: *Are the necessary services with adequate capacity currently available (at the time of application), or must additional capacity be created to cater for the development?*

Everything is in place. This mining represents an extension of prospecting activities (in a temporal sense).

Question 5: *Is this development provided for in the infrastructure planning of the municipality, and if not what will the implication be on the infrastructure planning of the municipality (priority and placement of services and opportunity costs)?*

There is no need for placement of services or infrastructure by the municipality in terms of this application or post mining proposals.

Question 6: *Is this project part of a national programme to address an issue of national concern or importance?*

It could be argued that the empowerment imperative created by mining legislation does lead to economic and capacitive empowerment of HDSA's which may otherwise be lost as an opportunity should mining not continue on this site.

Desirability ('placing'):

Question 7: *Is the development the best practicable environmental option for this land/site?*

According to NEMA the "best practicable environmental option" means the option that provides the most benefit and causes the least damage to the environment *as a whole*, at a cost acceptable to society, in the long term as well as in the short term. In determining the best practicable environmental option, adequate consideration must also be given to opportunity costs.

The important point to note is that if mining does occur in terms of the provisions of this document, then there is no reason why pre-existing land use could not be put back in place.

Question 8: *Would the approval of this application compromise the integrity of the existing approved and credible municipal IDP and SDF as agreed to by the relevant authorities.*

Provided the rehabilitation of the site takes place in accordance with requirements, the requirements of the IDP (and assumed future SDF content) can still be met. Mining of this salt does not preclude the post mining use of the site for grazing / wilderness area. Off pan revegetation will take place in the short to medium term and full restoration of the site will take place in the longer term.

Question 9: *Would the approval of this application compromise the integrity of the existing environmental management priorities for the area (e.g. as defined in EMFs), and if so, can it be justified in terms of sustainability considerations?*

Mining of this salt does not preclude the post mining use of the site for grazing / wilderness area. Off pan revegetation will take place in the short to medium term and full restoration of the site will take place in the longer term.

Question 10: *Do location factors favour this land use (associated with the activity applied for) at this place? (this relates to the contextualisation of the proposed land use on this site within its broader context).*

Yes. The adjacent location of the pan and the salt content of the brine are the primary informants of how and where this type of mine would develop (amongst other informants). So, from a mining point of view the site cannot readily move. But it is important to remember that mining is a short term use (in the grand scheme of things) on this site and the question must actually relate to the proposed end use of the site as per the opening paragraphs to this analysis. In such case, the site is still suited on a locational basis to the proposed end use/s of the site.

Question 11: *How will the activities or the land use associated with the activities applied for, impact on sensitive natural and cultural areas (built and rural/natural environment)?*

The location of these activities on this site for the several years means that any impact that would have occurred in this respect would have already occurred or is occurring at present. The impact cannot be too significant otherwise widespread complaints would have resulted and mitigative actions would have been required.

Question 12: *How will the development impact on people's health and wellbeing (e.g. in terms of noise, odours, visual character and sense of place, etc.)?*

This site is located so distant from any residence or community as to render any impact in terms of health and well-being absolutely negligible.

Question 13: *Will the proposed activity or the land use associated with the activity applied for, result in unacceptable opportunity costs?*

No. This issue is dealt with in question 3 above.

Question 14: *Will the proposed land use result in unacceptable cumulative impacts?*

No. Refer para 9.2.1 below

9.1.1 Cumulative Impact Assessment

The assessment of cumulative impacts on a site specific basis is often a complex operation. The aim of this impact analysis is ultimately to determine at which point the combined impacts from several operations (similar or dissimilar) in the area will affect the environment or part thereof to such a negative degree that the project should not be allowed to proceed.

Always remember that mining is a place-bound operation (as opposed to say housing or shopping development which is less dependent on geology or other factors).

The following is an amended procedure sourced from http://www.eiatoolkit.ewt.org.za/documents/DEAT/guidelines/AT_EIA_Guideline5_Assessing_alternatives_and_impacts.doc

Types of cumulative impacts

Additive impact: Impacts of the same nature from different operations (e.g. excessive groundwater abstraction from several operations in the same area result in a severe drawdown effect)

Interactive impact: where a cumulative impact is the result of a combination of different impacts to cause a new kind of impact. This kind of impact can be:

- Countervailing – the net adverse effect is less than the sum of the individual impacts (e.g. pumping clear water into a polluted water resource).
- Synergistic – when the impacts work together to develop a sum of different impacts results in an impact which is greater than the individual impacts.

Methodology used in assessing cumulative impact/s

Determine extent of cumulative impacts:

- Identify potentially significant cumulative impacts associated with the proposed activity
- Establish the geographic scope of the assessment
- Establish the timeframe of the analysis
- Identify other activities affecting the environmental resources of the area

Describe the affected environment:

- Characterise the resources identified above in terms of their response to change and ability to withstand stress
- Define a baseline condition that provides a measuring point for the environmental resources that will be acted upon

Assess the cumulative impacts:

- Determine the magnitude or significance of cumulative impacts

Recommend mitigation measures.

So, using the aforementioned procedure as headings, herewith an assessment of the cumulative impacts arising from this operation:

Determining the extent of the cumulative impacts:

Identification of potentially significant impacts:

Proposed operations of this type could conceivably result in the following cumulative impacts:

Noise: There are no other mining operations within earshot of any community and as such, there can be no cumulative impact from this small operation.

Dust: To date there has been no complaints in respect of dust and dust is highly unlikely to present any impact on any residential area or surrounding land use.

Groundwater: The only groundwater impacted upon is the salty brine within the pan, which is concentrated in the concentration ponds and pumped to the evaporation ponds. For all intents and purposes the pan's groundwater is a closed inward draining system and the groundwater is continuously replenished through surface water flow and seepage. There are no other saltworks in the basin, and the groundwater is clearly too salty for stock or irrigation (so there can be no cumulative impact).

Socio-economic impacts: This cumulative impact of any employment in the area is a beneficial impact (albeit negligible). There is also income to the landowner.

Agriculture: Full description of agricultural status and land capability is as described in para 14.1.4.

Vegetation: No additional stress will arise through the continued mining/pumping at this site. The current disturbance will not increase. The impact is in any event so minor as to have absolutely no impact on a cumulative basis.

Geographic Scope of assessment:

| Impact aspect | Geographic scope |
|----------------------|---|
| Dust | Local area – no impact on any community |
| Noise | Local area - no impact on any community |
| Socio-economic | Local Municipal area, company employees and customers and landowner |
| Agriculture | Farm |

Timeframe of analysis

The proposed project will take place over a period of at least 30 years. The timeframe of the analysis would typically depend on the nature of the impact being assessed:

- 1) Life of mine impacts to be assessed are agricultural impact, noise, dust, groundwater and socio-economic impact. These will be temporary and only until grazing is returned
- 2) Longer lasting impact could conceivably be the impact on groundwater, but this would not be a cumulative impact as discussed above

Other activities impacting on environmental resources in the area

The only other activity impacting on the environmental resources of the area is that arising through grazing.

Resource characterization

This section aims to characterise the environmental resources in terms of their ability to withstand additional stress.

Agriculture / Land Capability: The low carrying capacity of this land means that even a permanent removal of this small <0.2ha patch of vegetation disturbed by off-pan cannot be considered an additional stress in this otherwise arid landscape.

Noise: There will be no noise impact, given both the isolation of the site and the low levels of noise.

Dust: As for noise, similarly for dust.

Magnitude and significance of cumulative impacts.

Agriculture / Land Capability: As discussed on the preceding page, this impact must be seen as temporary and insignificant on a cumulative basis.

Noise:
Impact will be insignificant, if any.

Air Quality:
Impact will be insignificant, if any.

Socio-economic:
Insignificant positive impact to landowner, employees and customers (through continued local supply).

10 Period for which the environmental authorisation is required

30 years – Maximum allowable under current legislation.

11 Description of the process followed to reach the proposed preferred site.

NB!! – This section is not about the impact assessment itself; It is about the determination of the specific site layout having taken into consideration (1) the comparison of the originally proposed site plan, the comparison of that plan with the plan of environmental features and current land uses, the issues raised by interested and affected parties, and the consideration of alternatives to the initially proposed site layout as a result.

The full history of the activities on this pan is included in para 5.1. What the history does show is that without proper road access to the site, any mining at that site was doomed to failure for such a low margin profit. However, the strategy adopted by Dwaggas Salt Works (Pty) Ltd removes the transport question from the equation through pumping of the brine to a site which has good access to transport and all the facilities required.

The suitability of the site from both economic and environmental point of view has been proven by the preceding prospecting right which activities will essentially remain as is for the proposed extension of Mining Right onto this site.

12 Details of all alternatives considered.

With reference to the site plan provided and the location of the individual activities on site, provide details of the alternatives considered with respect to the following.

Not applicable. This site has been prospected in this location and method with virtually the same disturbance footprint and site layout since for the last 7 years. Workable more suitable alternatives would already have arisen.

The main alternative which was considered (and rejected immediately) was for the setting up of a fully independent salt mine on the pan, with the development of the site's own concentration ponds, evaporation ponds, logistical facilities, accommodation and improved access.

This alternative was considered to not be the best practical and environmental option given the increased disturbance which would be required (and the fact that prospecting pumping of brine has been entirely successful with minimal environmental impact).

12.1 Property on which or location where it is proposed to undertake the activity;

The resource dictates the location of this activity. No other pans were explored as part of this application.

12.2 Type of activity to be undertaken;

Continued salt mining is the activity to be undertaken.

12.3 Design or layout of the activity;

Not applicable. Any relocation would result in additional environmental impacts

12.4 Technology to be used in the activity;

Not applicable.

12.5 Operational aspects of the activity;

Not applicable.

12.6 Option of not implementing the activity.

Not viable.

13 Details of the Public Participation Process Followed

Describe the process undertaken to consult interested and affected parties including public meetings and one on one consultation. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. (Information to be provided to affected parties must include sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land.

The description which follows is the public participation that has taken place and that will continue:

Public participation has thus far place in the following manner:

Refer following appendices for details of public participation as follows:

- Appendix 3 for copies of newspaper advert and poster
- Appendix 4 for copies of correspondence sent to date
- Appendix 5 for copies of correspondence received thus far

1) Consultation with the **landowners**. The landowners are as follows:

| Land Portions | Landowner (Title Deed Number) |
|---------------------------------------|--|
| Portion of Commissioners Vley 196 / 1 | Unregistered State Land |
| Portion of Hoek van de Pan 189/4 | Dwaggas Boerdery CC (T23775/2010) |
| Portion of Wolfkop 1141/2 | Commissioners Pan Salt Works (Pty) Ltd (T16860/2001) |

Note that the two latter farm owners have the same shareholding as the applicant company and have no objection to the proposed extension.

In respect of the State Land, the documentation has been sent to Department of Public Works, but to date no response has been received.

2) **Surrounding landowners:** These were sent copies of the draft Scoping report by registered mail or Email depending on their preference to be determined by telephone call. Note however, that we are still trying to trace the owners of 1186 Remainder (BIESIE WATER BOERDERY TRUST) and BITTER PUTS 205 Portion 1 (LELIEVLEI TRUST). We have approached the Master of the High Court who holds the records of these Trusts and are awaiting response from them. Refer Figure 5 below for map of surrounding landowners' farms.

3) **State Departments:** Registered mail was be sent to the following State departments and NGOs:

- a. Department of Environment Affairs and Development Planning or equivalent
- b. DENC
- c. Department of Water and Sanitation
- d. Dept. of Agriculture Forestry and Fisheries
- e. Municipality – Manager's Office and Environmental Section (of both the Hantam and Khai Ma Local Municipalities)
- f. Heritage authority
- g. Land Claims Commissioner

4) **Broader public** will be notified in 3 ways:

- a. By way of newspaper advert in local newspaper. Note that newspaper adverts were placed in both the Plattelander and the Noordwester to ensure notification in Pofadder and Loeriesfontein – Refer Appendix 3
- b. By way of poster placed at project entrance. Poster measured 62 x 40cm as per NEMA regulations – Refer Appendix 3.
- c. Though notification of the local councilor (Mr F Sterkse) – Refer Appendix 4.

Please note that each of these notifications contained details as to:

- How to contact the EAP
- How to get to see a copy of the draft Scoping report with notice that 2 copies of the draft Scoping Report were made available at the local Public Library (Pofadder and Loeriesfontein) or available per email or hard copy by post
- There was no public meeting or public open day

Future public participation will then consist of the following:

- 1) Receipt of all comments in respect of the draft Scoping Report (and submission of same to DMR). Many comments were not received before submission date of the Final Scoping Report
- 2) Late comments in respect of the draft Scoping Report will be entertained and submitted to the DMR
- 3) Finalization of a draft EIA/EMP including:
 - a. Specialist studies as determined for requirement in the scoping process- none to date
 - b. Late / additional comments in respect of the draft scoping report
- 4) Distribution of draft EMP to registered I&AP's as well as all State Departments and NGOs listed above for 30 day commenting period
- 5) If comments received on draft EMP make material change to EMP, then redistribution of 2nd draft version of the EMP will take place
- 6) Lodging of Final EMP to DMR with all comments and changes made as required.
- 7) No late comments in respect of the draft EIA/EMP can be entertained.

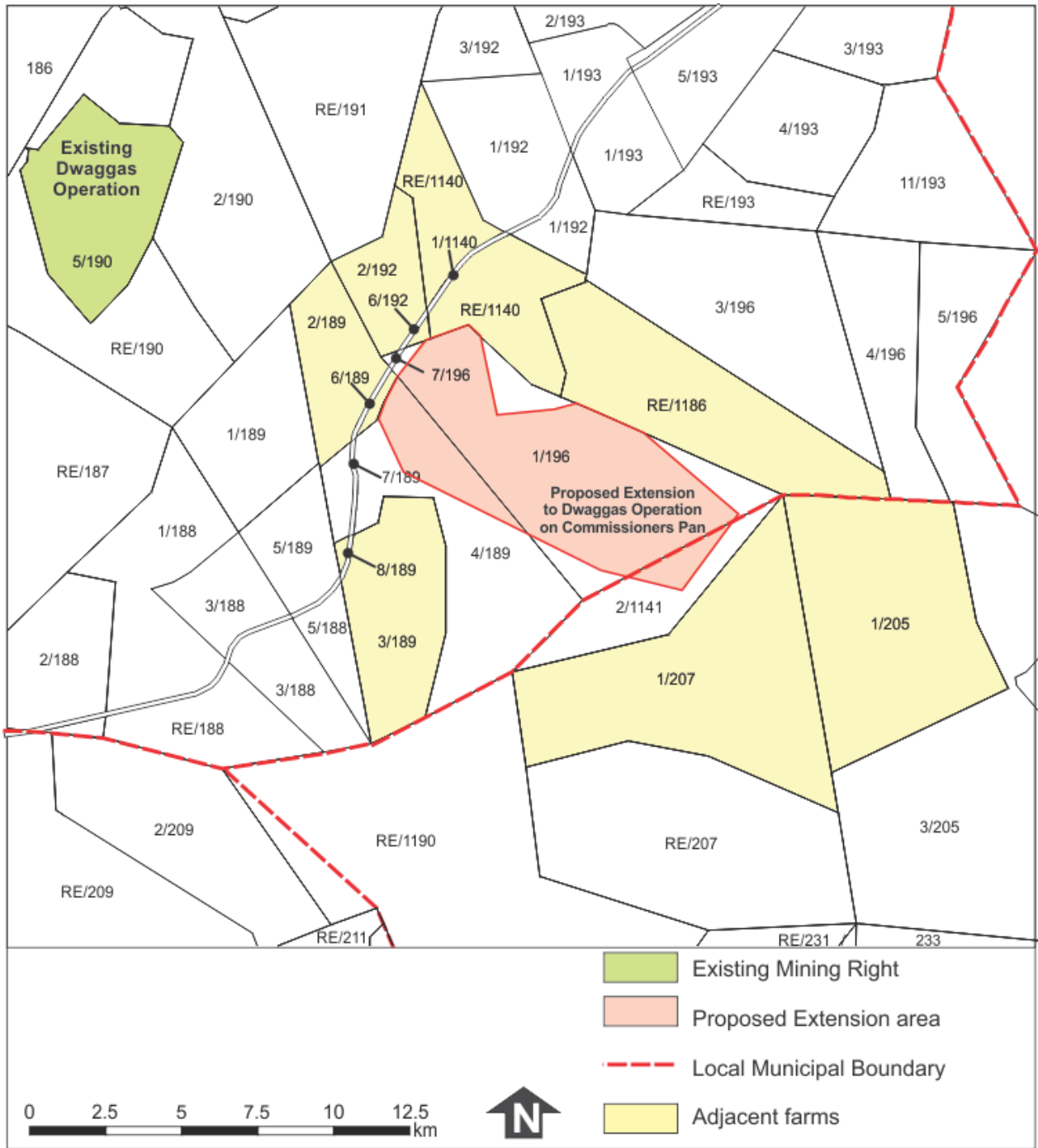


Figure 5: Surrounding / adjacent land ownership

| Interested and Affected Parties: List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted. | Date Comments Received | Issues raised | EAPs response to issues as mandated by the applicant | Para in this report where the issues / responses were incorporated. |
|--|------------------------|---|--|---|
| Landowners: State, Dwaggas Boedery and Commissioner Pan Salt Works | | | | |
| State as Landowner: Department of Public Works Private Bag X5002, Kimberley 8300 Sylvia.Moholo@dpw.gov.za | By reg mail and email | | | |
| Landowners or lawful occupiers on adjacent properties – Refer Figure 5 above | | | | |
| Tafelkop 1140 Remainder. JACOBUS CORNELIUS O'KENNEDY , P.BUS 199, LOERIESFONTEIN 8185 Phone (Home) : 0546023421 Phone (Work) : 0276221130 Mobile Number: 0832576232 | X | Apparently in USA. Would be informed by H O'Kennedy (Pers Comm with H O'Kennedy on 8 Dec 2016). | | |
| 1186 Remainder BIESIE WATER BOERDERY TRUST | No | We are awaiting contact information from Master of High Court (whom holds contact details for Trusts). Participation will continue. | | |
| BITTER PUTS 205 Portion 1 ALWYN JACOBUS VAN JAARVELD (Estate) & LELIEVLEI TRUST PO BOX 119 BRANDVLEI 1759 AH VAN JAARVELD – 027 662 9820 | No | Have as yet not been able to confirm contact details . Will continue attempted participation | | |
| BITTER PUTS 207 Portion 1 CHRISTOFFEL LOMBARD 44 KERK STREET, LOERIESFONTEIN 8185 Phone (Home) : 054 665 8858 Phone (Work) : 027 662 1063 Mobile Number: 082 664 0611 | By Email | No response yet | | |

| Interested and Affected Parties: List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted. | | Date Comments Received | Issues raised | EAPs response to issues as mandated by the applicant | Para in this report where the issues / responses were incorporated. |
|--|-----------------------------------|------------------------|----------------------|--|---|
| Hoek van die Pan 189 / 3 Izak Daniel Petrus Vollgraaff 18 Voortrekker Street Loeriesfontein, 8185 or 6 Voortrekker Street, Loeriesfontein 8185 or P O Box 97 Loeriesfontein, 8185 Phone (Home) : 027 662 1121 | Reg mail to 3 potential addresses | | No response yet | | |
| Tafelkop 192/2 Hendrik Albertus O'kennedy 7 Goewermentstraat Loeriesfontein 8185 Postal Address : P O BOX 412 CALVINIA 8190 Phone (Home) : 0276621065 Phone (Work) : 0276621248 Mobile Number : 0836082244 | Reg Post | | No response yet | | |
| 1140/1, 192/6, 189/6, 189/7, 189/8 Transnet Limited burton.siljeur@transnet.net | By email | 13 Dec 2016 | Acknowledged receipt | | |
| HANTAM MUNICIPALITY | | | | | |
| Municipal councillor: Hantam Ward 3: Mr F Sterkse 883 Skool Street Brandvlei, 8915 | Reg Post | | | | |
| Municipality: Director of Technical Services: infrastructure1@hantam.gov.za | By Email | | | | |
| Municipality: Municipal Manager: Mr N van Stade -P/Bag X 14, Calvinia 8190. | Reg Post and Email | | | | |
| KHAI MA MUNICIPALITY | | | | | |
| Municipal Councillor: Khai Ma Ward 4: Mr Steven Quincy | By email | | | | |
| Municipal environmental section: Mr E Vries | By email | | | | |

| Interested and Affected Parties: List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted. | | Date Comments Received | Issues raised | EAPs response to issues as mandated by the applicant | Para in this report where the issues / responses were incorporated. |
|--|------------------------------|------------------------|---|--|---|
| Municipality: Municipal Manager: Mr Isaacs- PO Box 108 Pofadder , 8890 mmsecretary@khaima.gov.za 054 933 1000 | By email | | | | |
| Organs of state (Responsible for infrastructure that may be affected Roads, Eskom, Telkom, DWA etc.) | | | | | |
| Department of Environment and Nature Conservation: EIA Administration, Private Bag X6102 Kimberley 8300 Att: DT Moneko | By registered post | | | | |
| Department of Water and Sanitation: Private Bag X6101 Kimberley, 8300 Att: Chief Director- Mr A Abrahams | By registered post | | | | |
| Dept. of Agriculture, Land Reform and Rural Development: Private Bag X5018 Kimberley, 8300 Att: Head of Department – Mr Viljoen | By registered post | | | | |
| Department of Public Works Private Bag X5002, Kimberley 8300 Sylvia.Moholo@dpw.gov.za | By registered post and email | | | | |
| Communities | | | | | |
| Community of Pofadder (Will be advertised in local newspapers and local library) | Done | | | | |
| Community of Loeriesfontein (Will be advertised in local newspapers and local library) | Done | | | | |
| Dept. Land Affairs | | | | | |
| Land Claims Office: Mr R Oliver | Email | 13 /01/2017 | No land claims on applicable properties | | |
| Traditional Leaders | | | | | |
| Other Competent Authorities | | | | | |

| Interested and Affected Parties: List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted. | | Date Comments Received | Issues raised | EAPs response to issues as mandated by the applicant | Para in this report where the issues / responses were incorporated. |
|--|---------|------------------------|--|--|---|
| SAHRA | Not yet | | Heritage Impact Assessment underway by J Kaplan of Agency for Cultural Resource Management | | |
| OTHER AFFECTED PARTIES | | | | | |
| INTERESTED PARTIES | | | | | |

Note that final comments must be in within 30 days and will be forwarded to the DMR as soon as possible after that.

14 The Environmental attributes associated with the sites: Baseline Environment

14.1 Type of environment affected by the proposed activity.

14.1.1 Topography

The topography has a bearing on visual impact. In this case the topography is typical Bushmanland plain topography with the occasional pan or “vloer” forming locally inward draining basins. These basins can get very large but in the case of this operation is a moderately sized basin.

Existing impacts in respect of topography are insignificant and have arisen through:

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|---|--------------|---------------|---|--------------------------------|-------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| <p><i>Trenches in pan floor as follows:</i></p> <ul style="list-style-type: none"> i. 80m long trench in extreme west of pan ii. 405m trench just east of trench in (i) <p>These are collectively known as Phase 1 trench.</p> <ul style="list-style-type: none"> iii. 5m trench in centre of pan to be extended to 200m in length (known as Phase 3 trench) <p>There is no Phase 2 Trench</p> | Life of mine | Insignificant | Reversible | No | Can be fully mitigated |

14.1.2 Visual Impact

Photo 1 below was taken from the unsurfaced Private Road adjacent to the Sishen Saldanha Rail line north of the pan. Even though the trenches do stand out against the bleak surroundings, the scale of the impact must be seen as negligible given the limited use of the road and the distance to the trenches from that rarely used road.

Existing impact in terms of visual impact is related to the following existing facilities/features:

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|---|--------------|---------------|---|--------------------------------|--------------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Trenches in pan visible from rail line to the north and some very rarely used unsurfaced roads. | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |



Photo 1: General view of the phase 1 trenches from the north of the pan (zoomed in view)

14.1.3 Soil

Soils of this part of the Bushmanland are shallow soils of a pedologically young landscape (Ellis and Lampbrecht, 1985). Typical for these arid regions, the A horizon is orthic (it is not rich in nutrients and there is a lack of what is general considered to be good topsoil (with humic and other organic content). Notwithstanding that, the upper 30cm of soil must always be treated as topsoil and removed prior to any development.

In the case of this mine, there has been no topsoil removal prior to development of the two very small buildings. But any topsoil which would have been removed and stockpiled now would not in any event serve as topsoil in 30 years' time when decommissioning rehabilitation could take place at this mine's extension.

During prospecting the soil on the pans surface has been disturbed over a surface area of 5000m² for the development of the trenches (and that includes the stockpiling of the excavated material alongside the trench). The soil has been stockpiled to the side of the trench ready for backfill during final rehabilitation of the trench.

Existing impact on soils is related to the following existing facilities/ features:

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|--------------------------------------|--------------|---------------|---|--------------------------------|--------------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Trenches on the pan | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|--|--------------|---------------|---|--------------------------------|--------------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Stores (x2) and small pumphouse on edge of pan | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |

The only future disturbance may result from the possible extension of Phase 3 trench from current 5m length to ±200m length.

14.1.4 Land Capability / Agriculture

The land capability of the entire Mining Right extension area is as follows. Note that the more restrictive wilderness land capability rating is used notwithstanding the fact that it is utilised for grazing:

| Land capability | Area | % |
|---|------------------|-------------|
| Wilderness area | 2817.4ha | 43.6% |
| Arable Land | 0ha | 0% |
| Grazing | 0ha | 0% |
| Wetland Area (Pan area) | 3604ha | 55.9ha |
| Area currently disturbed by salt prospecting related activities : - Max 0.7ha on pan - Max 0.5ha not on pan | 1.2ha | <0.1% |
| Area currently disturbed by historical salt mining on the pan (by others) | 32.6ha | 0.5% |
| Total | 6455.15ha | 100% |

The farm is located in the Bushmanland which is characterised as follows in terms of agricultural potential:

- Rainfall between 100-150mm per year (mostly late summer)
- Extremely high temperatures, strong dry winds, saline water and high evaporation combine to preclude crop production.
- No irrigation takes place
- Livestock watering a challenge with often poor quality water available.
- Majority of soils have poor moisture retention, low pH and low nutritive quality
- Land capability is thus non arable low potential grazing land⁸
- ...veld has an extremely low carrying capacity (60-80ha/AU)³.

Existing impact in respect of land capability is related to the following existing facilities/features:

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|--|--------------|---------------|---|--------------------------------|--------------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Loss of normal pan surface area of 1.2ha due to existing prospecting disturbance | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |

³ <http://www.agis.agric.za/agisatlas/AtlasViewer.jsp>

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|---|--------------|---------------|---|--------------------------------|--|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Loss of wilderness/ grazing land to off pan Logistical facilities (<2 000m ²) | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |
| Loss of normal pan surface area of 32.6ha due to historical salt mining disturbance by others | Temporary | Insignificant | Reversible | No | Can be fully mitigated with rehabilitation |

14.1.5 Natural Vegetation

The following is noted:

1. The site is located on Bushmanland Basin Shrubland NKb6 which according to the 2012 Mucina and Rutherford mapping has a Conservation Status of Least Threatened.
2. The distribution is as follows: Northern Cape Province: Large Bushmanland Basin centred on Brandvlei and Van Wyksvlei area, spanning Granaatboskolk in the west to Copperton in the east, and Kenhardt vicinity in the north to Williston vicinity in the south. Altitude ranges mostly from 800–1 200 m.
3. In terms of the Critical Biodiversity Area (CBA) Mapping (refer figure 7 below), the surface of the Commissioners Pan is categorized as CBA 2 area. It appears that such categorization is purely by virtue of its identification as a pan floor. This pan surface does not support any vegetation and the small scale of the operation in comparison to the pans surface area will not result in any impact on this CBA2.

| | |
|---|--------------------------|
| Conservation Target (percent of area) from NSBA | 21% |
| Remaining (percent of area) from NSBA | 99.5% |
| Description of conservation status from NSBA | Least threatened |
| Description of the Protection Status from NSBA | Not protected |
| Area of the full extent of the Vegetation Type | 34 690.68km ² |

Conservation

Least threatened. Target 21%. None of the unit is conserved in statutory conservation areas. No signs of serious transformation, but scattered individuals of *Prosopis* sp. occur in some areas (e.g. in the vicinity of the Sak River drainage system), and some localised dense infestations form closed woodlands' along the eastern border of the unit with Northern Upper Karoo (east of Van Wyksvlei). Erosion is moderate (56%) and low (34%).

In terms of current disturbance (i.e. that which has taken place) approx. 1.06ha of natural vegetation disturbance has taken place through logistical facility area development as well as borrow pit for development of the paddock walls on the pan. Such disturbance took place in 1985. No further disturbance is anticipated.

Existing impact in respect of vegetation is related to the following existing facilities/features:

| Nature and extent of existing | Duration | Significance | Extent to which impact can cause or be: |
|-------------------------------|----------|--------------|---|
|-------------------------------|----------|--------------|---|

| impact | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
|--|--------------|---------------|------------|--------------------------------|--------------------------------------|
| Disturbance to vegetation due to Logistical facility area development(much less than 2000m ²) | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |

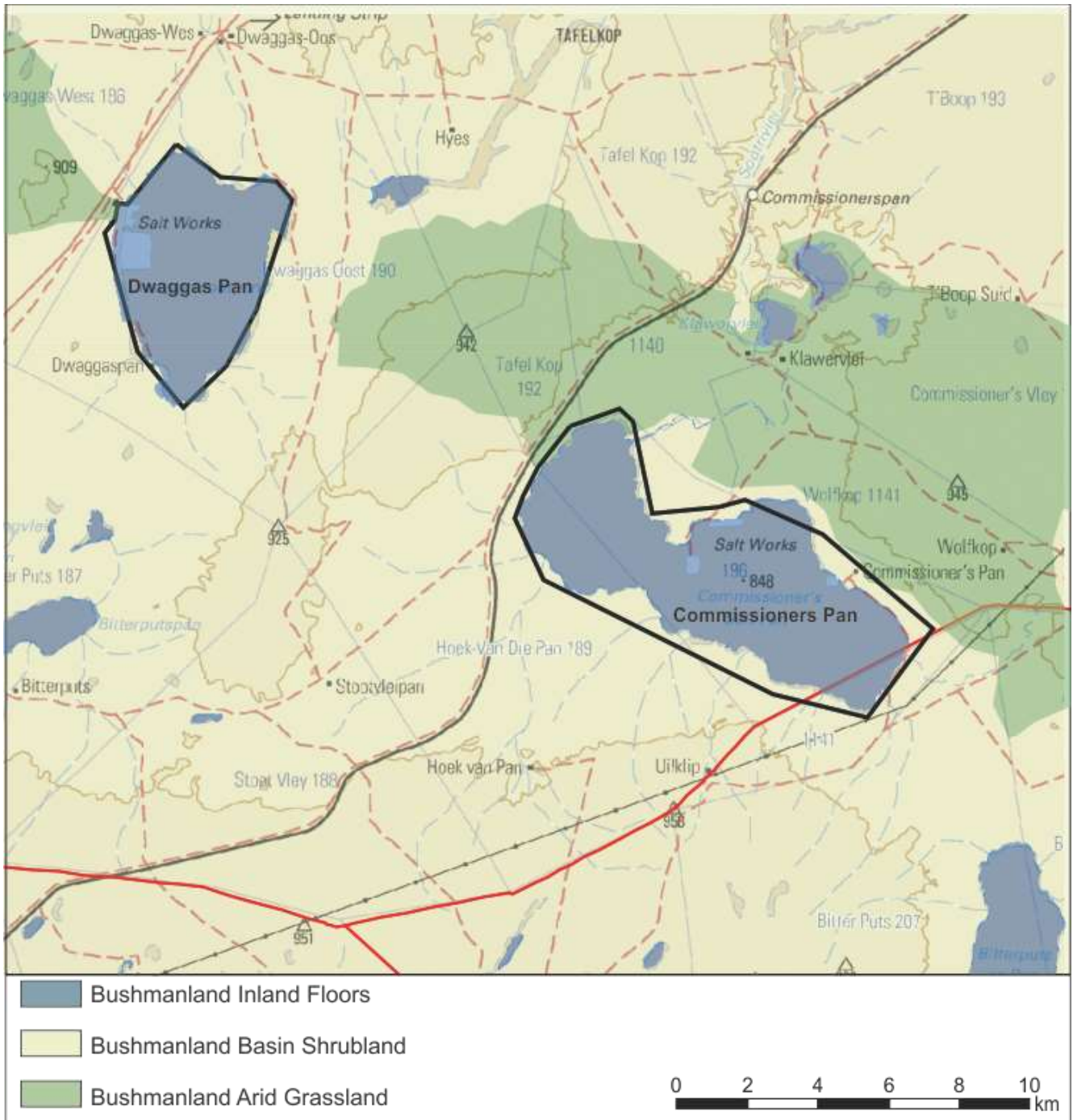


Figure 6: Vegetation Biomes

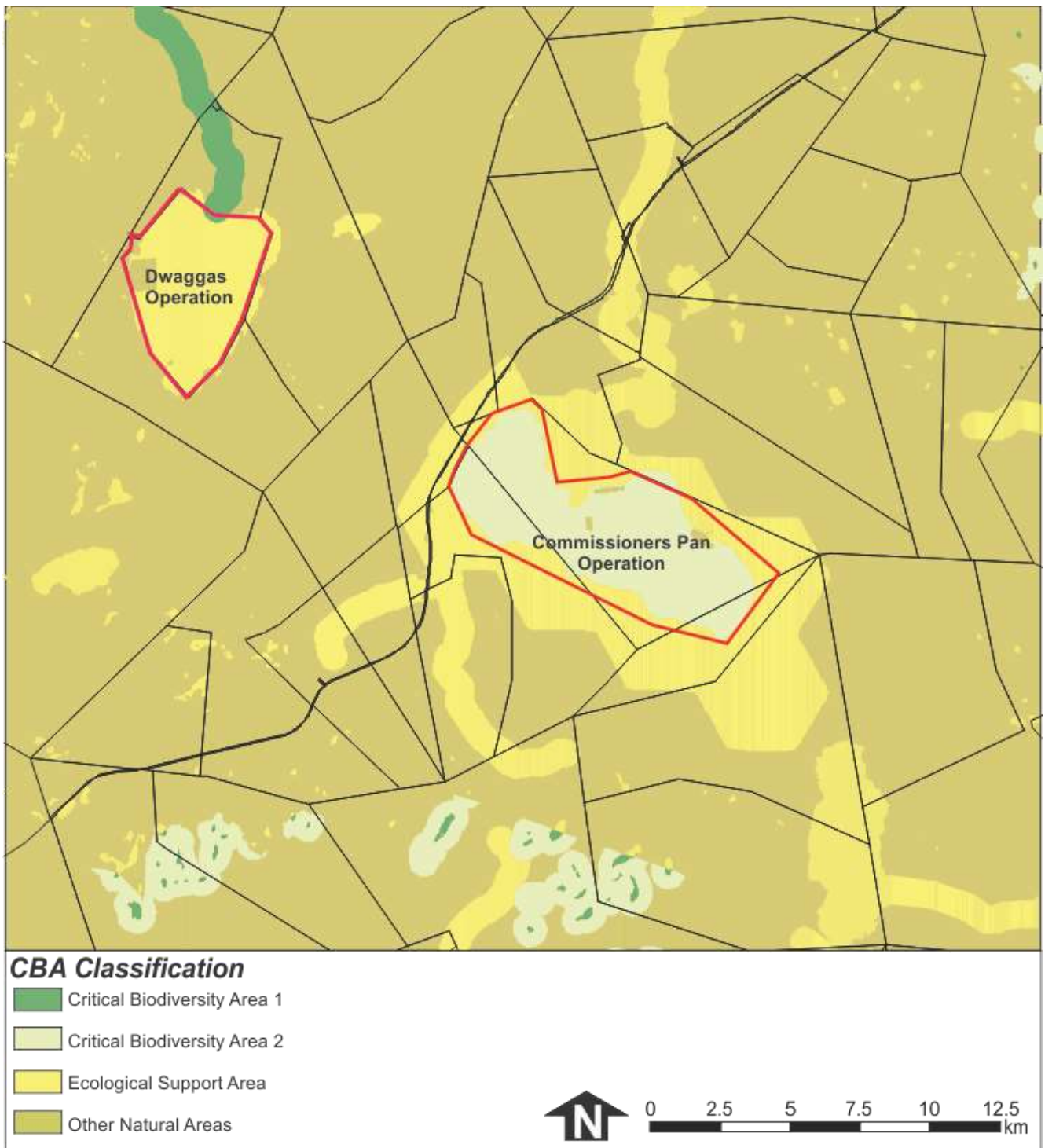


Figure 7: Critical Biodiversity Area Mapping

14.1.6 Animal Life

Animal life typical of the Bushmanland area is in evidence on the farms and within the proposed Mining Area despite the lengthy period in which activities has been in place at the prospect. Although no larger faunal species were seen, there is evidence through footprints on site of buck and rodents. No further impact on animal life is anticipated so no further study will be required in this regard.

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|---|--------------|---------------|---|--------------------------------|--------------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Disturbance to vegetation due to Logistical facility area development(much less 2000m ²) | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |
| Disturbance on pan (<5 000m ²) | Life of mine | Insignificant | Reversible (with replacement of soil) | No | Can be fully mitigated |

14.1.7 Surface Water

Given the disturbance of a water course (i.e. pan surface) by the mining it is incumbent on the applicant to lodge Water Use Licence Application. This has already been done and the Water Use Licence is already in place. (Register number 25028032)

No other surface water features are disturbed by the salt mining activities.

| Nature and extent of impact | Duration | Significance | Extent to which impact can cause or be: | | |
|--|--------------|---------------|---|--------------------------------|--------------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Disturbance to pan surface (<0.5ha on 3 604ha pan) | Life of mine | Insignificant | Reversible | No | Can be fully mitigated (post mining) |

14.1.8 Ground Water

The site is located in Quaternary Basin D53F. Groundwater is allowed to be withdrawn from the pan at a rate of no more than 250 000m³ per annum. Such water / brine is pumped to the Dwaggas Salt Mine and evaporated to yield the salt. There is a Water Use Licence in place for the abstraction of water from Commissioners Pan (Register # 25028032).

Existing impact in respect of groundwater is as follows:

| Nature and extent of existing impact | Duration | Significance | Extent to which impact can cause or be: | | |
|---|--------------|---------------|--|--------------------------------|-------------------------------|
| | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Pumping of no more than 250 000m ³ from pan every year | Life of mine | Insignificant | Reversible. The brine is replenished naturally | No | NA |

14.1.9 Air Quality (Dust)

Attention is drawn to paragraph 4.8.4 of the extract from SANS regarding recognition that certain enterprises need to operate within “band 3” by virtue of “the practical operation of the enterprise...” provided that the best available control technology is applied for the duration”.

“DUST FALL STANDARDS SANS 1929:2004

4.8 Dust Deposition

4.8.1 General

The four-band scale to be used in the evaluation of dust deposition is given in 4.8.2 and target, alert and action levels indicated in 4.8.3. Permissible margins of tolerance are outlines in 4.8.4 and exceptions noted in 4.8.5

4.8.2 Evaluation Criteria for Dust Deposition

Dust deposition rates shall be expressed in units of mg m² day⁻¹ over a 30-day averaging period. Dust deposition shall be evaluated against a four-band scale as presented in Table 9.

Table 9 – Four-band scale evaluation criteria for dust deposition

| Band number | Band description label | DUSTFALL RATE (D) (mg /m ² /day ¹ 30-day average) | Comment |
|-------------|------------------------|---|--|
| 1 | Residential | D < 600 | Permissible for residential and light commercial. |
| 2 | Industrial | 600 < D < 1 200 | Permissible for heavy commercial and industrial. |
| 3 | Action | 1 200 < D < 2 400 | Requires investigation and remediation if two sequential months lie in this band, or more than three occur in a year. |
| 4 | Alert | 2 400 < D | Immediate action and remediation required following the first exceedance. Incident report to be submitted to relevant authority. |

4.8.3 Target, Action and Alert Thresholds are given in Table 10

Table 10 – Target, action and alert thresholds for dust deposition

| Level | DUSTFALL RATE (D) (mg/ m ² /day ¹ 30-day average) | Averaging period | Permitted frequency of exceedances |
|--------------------|--|------------------|---|
| Target | 300 | Annual | |
| Action residential | 500 | 30 days | Three within any year, no two sequential months |
| Action industrial | 1 200 | 30 days | Three within any year, no two sequential months. |
| Alert threshold | 2 400 | 30 days | None. First exceedance requires remediation and compulsory report to authorities. |

4.8.4 Margin of Tolerance

An enterprise may submit a request to the authorities to operate within Band 3 (ACTION Band), as specified in Table 9, for a limited period, providing that this is essential in terms of the practical operation of the enterprise (for example the final removal of a tailings deposit) and provided that the best available control technology is applied for the duration.

No margin of tolerance will be granted for operations that result in dustfall rates which fall within Band 4 (ALERT Band) as specified in Table 9.

4.8.5 Exceptions

Dustfalls that exceed the specified rates but that can be shown to be the result of some extreme weather or geological event shall be discounted for the purpose of enforcement and control. Such event might typically result in excessive dustfall rates across an entire metropolitan region, and not be localised to a particular operation. Natural seasonal variations, such as dry windy period during the Highveld spring will not be considered extreme events for this definition”

At present, the ambient dust levels are low and any existing dust impact is the result of:

- Occasional vehicles on unsurfaced roads in the area
- Wind generated dust on a regional level (especially during dry times)

No surrounding land use of land user is affected by any dust which may be generated from this mine.

14.1.10 Noise

Current noise generating activities in the area are related to occasional traffic and earthmoving equipment on the pan – otherwise very quiet rural noise levels. No surrounding land use of land user is affected by any noise which may be generated from this mine.

14.2 Description of the current land uses.

The following land uses are located within the Mining Right Extension application area:

- 1) The pans surface measures 3 604ha
- 2) Current disturbance on the pan is less than 05ha and consists of the following trenches (as per photo 1):
 - a) 80m long trench in extreme west of pan
 - b) 405m trench just east of trench in (i)These are collectively known as Phase 1 trench.
 - c) 5m trench in centre of pan to be extended to 200m in length (known as Phase 3 trench)
 - d) There is also a small pump-house at the Phase 3 trench locationThere is no Phase 2 Trench
- 3) Off pan uses are as follows:
 - a) Pumphouse and small store (210m²) to the west of the pan at the location where the pipeline enters the pan
 - b) Small store (<20m²) located south of the Phase 3 trench

The following land uses surround the site:

- The overall surrounding nature of land is wilderness, but it all subject to grazing by small stock – Refer figure 2
- The closest farmstead is located more than 3km NE of the pan edge
- The Sishen Saldanha rail line and service road pass the site at about 350m west of the western pan edge
- The closest community is the Loeriesfontein community some 70km south of the project.

14.3 Description of specific environmental features and infrastructure on the site.

Refer Figures 4-7, Paragraph 14.1 1 to 14.1.10 as well as para 14.2.

14.4 Environmental and current land use map.

(Show all environmental and current land use features)

Refer figure 4 which shows the existing site layout and surrounding land use.

15 Impacts identified

(Provide a list of the potential impacts identified of the activities described in the initial site layout that will be undertaken, as informed by both the typical known impacts of such activities, and as informed by the consultations with affected parties together with the significance, probability and duration of the impacts).

Note that in this draft Scoping Report, only the potential impacts identified are the typical impacts known for such activities. This will be subject to further public participation to identify additional / different impacts.

Step one is to identify applicable impacts, as per table below. Second step is to ascribe significance and details as per table thereafter.

Note that the table below does not consider impacts which have already occurred through the

development of these facilities more than 30 years ago. So the table will only consider operational and decommissioning activities (as well as required Post approval activities which are aimed at limiting existing and potential impacts).

15.1 Impact Identification

| <p>Activity. This table identifies potential impacts and differentiates between negative or beneficial ongoing and future impacts. Yellow indicates preceding temporary impacts which have already taken place (during establishment of activities) and will not be assessed further (unless relevant).</p> | Geology | Topography | Soil/ Topsoil | Visual | Land Capability | Vegetation | Surface Water | Ground Water | Animal Life | Noise | Air Quality (Dust) | Social/ Economic | Archaeology/ Cultural | Hydrocarbon Impact | Traffic /Access |
|--|---------|------------|---------------|--------|-----------------|------------|---------------|--------------|-------------|-------|--------------------|------------------|-----------------------|--------------------|-----------------|
| Application for Mining Right | | | | | | | | | | | | | | | |
| 1. POST-APPROVAL ACTIVITIES | | | | | | | | | | | | | | | |
| 1.1. Extension of so-called Phase 3 trench | | | | | | | | | | | | | | | |
| 2. OPERATIONAL PHASE ACTIVITIES | | | | | | | | | | | | | | | |
| 2.1. Brine is collected through seepage into trenches | | | | | | | | | | | | | | | |
| 2.2. Trenches in pan surface: At present there are 3 as follows: <ul style="list-style-type: none"> i. 80m long trench in extreme west of pan ii. 405m trench just east of trench in (i) These are collectively known as Phase 1 trench. <ul style="list-style-type: none"> iii. 5m trench in centre of pan to be extended to 200m in length (known as Phase 3 trench) There is no Phase 2 Trench | | | | | | | | | | | | | | | |
| 2.3. Existing pipe from Phase 3 Trench laid on pan (Surface from trench to near pan edge, then buried on pan to main pumphouse) | | | | | | | | | | | | | | | |
| 2.4. Water pumped virtually continuously from trenches in pan to Dwaggas operation (via on surface pipes) – Electrically driven pumps | | | | | | | | | | | | | | | |
| 2.5. Electricity to pumps from the south. On pan lines laid on surface otherwise overhead | | | | | | | | | | | | | | | |
| 2.6. This brine is pumped to evaporation ponds on the approved Dwaggas Site via the approved pipeline. | | | | | | | | | | | | | | | |

| Activity. This table identifies potential impacts and differentiates between negative or beneficial ongoing and future impacts. Yellow indicates preceding temporary impacts which have already taken place (during establishment of activities) and will not be assessed further (unless relevant). | Geology | Topography | Soil/ Topsoil | Visual | Land Capability | Vegetation | Surface Water | Ground Water | Animal Life | Noise | Air Quality (Dust) | Social/ Economic | Archaeology/ Cultural | Hydrocarbon Impact | Traffic /Access |
|---|---------|------------|---------------|--------|-----------------|------------|---------------|--------------|-------------|-------|--------------------|------------------|-----------------------|--------------------|-----------------|
| 2.7. Vehicles using existing unsurfaced roadways on site. No new roads will be developed. No roads are >4m. All tracks just “tweespoor with middle mannetjie”. However, to ensure EA covers possibility of any road being wider than 4m, such listing is included here. | | | | | | | | | | | | | | | |
| 2.8. There are 3 buildings on site: 1) Main Store / pumphouse on western edge 2) Pump enclosure at Phase 3 trench 3) Small store to south of pan | | | | | | | | | | | | | | | |
| 2.9. Potable water trucked in as required (minor volumes) | | | | | | | | | | | | | | | |
| 3. DECOMMISSIONING PHASE ACTIVITIES | | | | | | | | | | | | | | | |
| 3.1. Backfill trenches | | | | | | | | | | | | | | | |
| 3.2. Remove all structures foundations and footings (unless required by landowner) | | | | | | | | | | | | | | | |
| 3.3. Rip surface of buildings areas to 30 -45cm deep (if applicable) | | | | | | | | | | | | | | | |
| 3.4. Allow to revegetate naturally | | | | | | | | | | | | | | | |
| 4. AFTERCARE PERIOD | | | | | | | | | | | | | | | |
| 4.1. Remove alien vegetation, if present | | | | | | | | | | | | | | | |
| 4.2. Monitor revegetation success and continue | | | | | | | | | | | | | | | |
| 4.3. Conduct final performance assessment | | | | | | | | | | | | | | | |
| 4.4. Lodge closure Application | | | | | | | | | | | | | | | |
| 4.5. DMR Grant Closure Application | | | | | | | | | | | | | | | |

Note that in the table below, the yellow entries from the table above are not included. These impacts have already occurred and it serves no purpose to include these in the table below. In addition, the table below does not include description of the beneficial impact of decommissioning rehabilitation measures (as these should be fairly clear to the reader).

15.2 Impact rating

Remember that pre-existing impacts as a result of 30 years of mining are contained in Part 14. SO this table only deals with on – going impacts.

| Activity | Nature of impact | Extent | Duration | Probability | Significance | Extent to which impact can cause or be: | | |
|---|---|---|--------------------------------|----------------------|---------------|---|--------------------------------|-------------------------------|
| | | | | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| Application for Mining Right | | | | | | | | |
| Application for Mining Right | | | | | | | | |
| 1. POST-APPROVAL ACTIVITIES | | | | | | | | |
| 1.1. Extension of so-called Phase 3 trench | Currently only 5m long. May be extended to max 200m in length | Note that the trench is 2-3m wide but the excavated material is dumped on either side of trench making total disturbance width of about 10m | | | | | | |
| 1.1.1. Topography | Trench to 5m deep | Longitudinal trench approximately 2-3m wide | Life of mine (if contemplated) | Most likely | Insignificant | Yes | No | Can be mitigated |
| 1.1.2. Soil/Topsoil | Disturbance of pan's soil profile over 200m x 10m width | 200m x ±10m width | Life of mine (if contemplated) | Most likely | Insignificant | Yes | No | Can be mitigated |
| 1.1.3. Land Capability | Disturbance of pan surface | 200m x ±10m width | Life of mine (if contemplated) | Most likely | Insignificant | Yes | No | Can be mitigated |
| 1.1.4. Surface Water | Disturbance of pan surface | 200m x ±10m width on pan surface area of 3604ha | Life of mine (if contemplated) | Possible to unlikely | Insignificant | Yes | No | Can be mitigated |
| 1.1.5. Groundwater | Groundwater / brine will seep into trench | Minor volume relative to pans brine content | Life of mine | Definite | Insignificant | Yes (through backfill) but water use cannot be reversed | No, Brine is replenished | Can be mitigated |
| 1.1.6. Noise | Earthmoving equipment on site | Local | On excavation of trench | Definite | Insignificant | No | No | Can be managed |
| 1.1.7. Air Quality | Earthmoving equipment on site | Local | On excavation of trench | Definite | Insignificant | No | No | Can be managed |
| 1.1.8. Hydrocarbon | Earthmoving equipment on site | Local | On excavation of trench | Possible | Insignificant | Yes | No | Can be mitigated |
| 2. OPERATIONAL PHASE ACTIVITIES | | | | | | | | |
| 2.1. Brine is collected through seepage into trenches | | | | | | | | |

| Activity | Nature of impact | Extent | Duration | Probability | Significance | Extent to which impact can cause or be: | | |
|---|--|--|--------------|------------------------|---------------|---|--------------------------------|-------------------------------|
| | | | | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| 2.1.1. Groundwater | Groundwater / brine will seep into trench | Minor volume relative to pans brine content | Life of mine | Definite | Insignificant | Yes (through backfill) but water use cannot be reversed | No, Brine is replenished | Can be mitigated |
| 2.2. Trenches in pan surface: | At present there are 3 as follows: i. 80m long trench in extreme west of pan ii. 405m trench just east of trench in (i) These are collectively known as Phase 1 trench. iii. 5m trench in centre of pan to be extended to 200m in length (known as Phase 3 trench) There is no Phase 2 Trench | | | | | | | |
| 2.2.1. Topography | Trench to 5m deep | As per description above | Life of mine | In place | Insignificant | Yes | No | Can be mitigated |
| 2.2.2. Soil / topsoil | Disturbance of pan's soil profile over combined 490m x 10m width | 490m x ±10m width | Life of mine | In place | Insignificant | Yes | No | Can be mitigated |
| 2.2.3. Visual | Visual exposure of trenches and berms (Phase 1 only) | Visual impact from Sishen Saldanha line and service road | Life of mine | In Place – see photo 1 | Insignificant | Yes | No | Can be mitigated |
| 2.2.4. Land Capability | Disturbance of pan surface | 490m x ±10m width | Life of mine | In place | Insignificant | Yes | No | Can be mitigated |
| 2.2.5. Surface Water | Disturbance of pan surface | 490m x ±10m width on pan surface area of 3604ha | Life of mine | In place | Insignificant | Yes | No | Can be mitigated |
| 2.2.6. Groundwater | Groundwater / brine will seep into trench | Minor volume relative to pans brine content | Life of mine | Definite | Insignificant | Yes (through backfill) but water use cannot be reversed | No, Brine is replenished | Can be mitigated |
| 2.3. Existing pipe from Phase 3 Trench laid on pan (Surface from trench to near pan edge, then buried on pan to main pumphouse) | | | | | | | | |

| Activity | Nature of impact | Extent | Duration | Probability | Significance | Extent to which impact can cause or be: | | |
|--|---|--------|--------------------------------|-------------|--|---|--------------------------------|-------------------------------|
| | | | | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| 2.4. Water pumped virtually continuously from trenches in pan to Dwaggas operation (via on surface pipes) – Electrically driven pumps | Groundwater impact addressed in 2.2 above | | | | | | | |
| 2.5. Electricity to pumps from the south. On pan lines laid on surface otherwise overhead | | | | | | | | |
| 2.6. This brine is pumped to evaporation ponds on the approved Dwaggas Site via the approved pipeline. | | | | | | | | |
| 2.7. Vehicles using existing unsurfaced roadways on site. No new roads will be developed. No roads are >4m ⁴ . All tracks just “tweespoor with middle mannetjie”. | NOTE: VEHICULAR ACCESS to this site is extremely limited. There is no need to visit the site. | | | | | | | |
| 2.7.1. Noise | Noise of vehicles | Local | On occurrence for life of mine | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 2.7.2. Dust | Dust generated by vehicles | Local | On occurrence for life of mine | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 2.7.3. Hydrocarbon | Potential fuel / hydraulic fluid leaks from vehicle | Local | Until clean up | Possible | Insignificant (given small volumes in vehicle) | Yes | No | Mitigated / Managed |

⁴ However, to ensure EA covers possibility of any road being wider than 4m, such listing is included here.

| Activity | Nature of impact | Extent | Duration | Probability | Significance | Extent to which impact can cause or be: | | |
|---|---|---|---------------|-------------|-----------------------------------|---|--------------------------------|-------------------------------|
| | | | | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| 2.7.4. Traffic Impact | Vehicular traffic visiting the site | Extremely minimal traffic is required to visit this site. All pumps are electrically driven and in theory, no access is required, except for occasional pump maintenance and for environmental monitoring | Life of mine | Definite | Insignificant | No | No | Managed |
| 2.8. There are 3 buildings on site: | | 1) Main Store / pumphouse on western edge 2) Pump enclosure at Phase 3 trench 3) Small store to south of pan | | | | | | |
| 2.8.1. Visual | Visual exposure of buildings | Visual impact from Sishen Saldanha line and service road | Life of mine | In Place | Insignificant | Yes | No | Can be mitigated |
| 2.8.2. Land Capability | Building footprint and immediate surrounds no longer available as wilderness area | Very minor surface area | Life of mine | In place | Insignificant | Yes | No | Can be mitigated |
| 2.8.3. Vegetation | Building footprint and immediate surrounds no longer available as wilderness area | Very minor surface area | Life of mine | In place | Insignificant | Yes | No | Can be mitigated |
| 2.9. Potable water trucked in as required (minor volumes) | | | | | | | | |
| 3. DECOMMISSIONING PHASE ACTIVITIES | | | | | | | | |
| 3.1. Backfill trenches | | | | | | | | |
| 3.1.1. Noise | Noise of vehicles | Local | On occurrence | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 3.1.2. Air Quality | Dust generated by vehicles | Local | On occurrence | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |

| Activity | Nature of impact | Extent | Duration | Probability | Significance | Extent to which impact can cause or be: | | |
|--|---|--------|----------------|-------------|--|---|--------------------------------|-------------------------------|
| | | | | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| 3.1.3. Hydrocarbon | Potential fuel / hydraulic fluid leaks from vehicle | Local | Until clean up | Possible | Insignificant (given small volumes in vehicle) | Yes | No | Mitigated / Managed |
| 3.2. Remove all structures foundations and footings (unless required by landowner) | | | | | | | | |
| 3.2.1. Noise | Noise of vehicles | Local | On occurrence | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 3.2.2. Air Quality | Dust generated by vehicles | Local | On occurrence | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 3.2.3. Hydrocarbon | Potential fuel / hydraulic fluid leaks from vehicle | Local | Until clean up | Possible | Insignificant (given small volumes in vehicle) | Yes | No | Mitigated / Managed |
| 3.3. Rip surface of buildings areas to 30 -45cm deep (if applicable) | | | | | | | | |
| 3.3.1. Noise | Noise of vehicles | Local | On occurrence | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 3.3.2. Air Quality | Dust generated by vehicles | Local | On occurrence | Definite | Insignificant (None of surrounds) | No | No | Can be Mitigated |
| 3.3.3. Hydrocarbon | Potential fuel / hydraulic fluid leaks from vehicle | Local | Until clean up | Possible | Insignificant (given small volumes in vehicle) | Yes | No | Mitigated / Managed |
| 3.4. Allow to revegetate naturally | | | | | | | | |
| 4. AFTERCARE PERIOD | | | | | | | | |
| 4.1. Remove alien vegetation, if present | | | | | | | | |

| Activity | Nature of impact | Extent | Duration | Probability | Significance | Extent to which impact can cause or be: | | |
|--|------------------|--------|----------|-------------|--------------|---|--------------------------------|-------------------------------|
| | | | | | | reversed | irreplaceable loss of resource | avoided, managed or mitigated |
| 4.2. Monitor revegetation success and continue | | | | | | | | |
| 4.3. Conduct final performance assessment | | | | | | | | |
| 4.4. Lodge closure Application | | | | | | | | |
| 4.5. DMR Grant Closure Application | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

16 Methodology used in determining the significance of environmental impacts

(Describe how the significance, probability, and duration of the aforesaid identified impacts that were identified through the consultation process were determined in order to decide the extent to which the initial site layout needs revision).

An initial table was compiled which described each activity (whether listed or not in terms of NEMA), potential impact, significance and duration. Such table was included in the draft Scoping report which was made available to all identified Interested and Affected Parties.

Any relevant responses received would then inform a revision of the site layout plan. It is possible that the site layout requires revision through continued input by I&AP's as well as possible specialist studies yet to be conducted.

The impacts are rated according to nature, extent, duration, probability of occurring and significance.

a) The significance level is based on the following criteria:

| <i>Significance</i> | | <i>Criteria</i> |
|---------------------|-----------------------------|---|
| Negative | Significant (S) | <ul style="list-style-type: none"> Recommended level always exceeded with associated widespread community action Disturbance to areas that are pristine, have conservation value, are important resource to humans and will be lost forever Complete loss of land capability Destruction of rare or endangered specimens May affect the viability of the project |
| | Moderate (M) | <ul style="list-style-type: none"> Moderate measurable deterioration and discomfort Recommended level occasionally violated – still widespread complaints Partial loss of land capability Complete change in species variety or prevalence May be managed Is insignificant if managed according to EMP provisions |
| | Minor/ (I) Insignificant | <ul style="list-style-type: none"> Minor deterioration. Change not measurable Recommended level will rarely if ever be violated Sporadic community complaints Minor deterioration in land capability Minor changes in species variety or prevalence |
| | Negligible | <ul style="list-style-type: none"> An impact will occur but it is barely discernible and not worthy of further investigation |
| Positive | Minor | <ul style="list-style-type: none"> Improvements in local socio-economics |
| | Significant | <ul style="list-style-type: none"> Major improvements in local socio-economics with some regional benefits |

b) The **duration** is classified as:

- Permanent (post-closure)
- Life of Mine (LOM)
- Temporary

c) The **probability** is ranked as:

- Definite/Certain
- Possible
- Unlikely

17 The positive and negative impacts that the proposed activity (in terms of the initial site layout) and alternatives will have on the environment and the community that may be affected.

(Provide a discussion in terms of advantages and disadvantages of the initial site layout compared to alternative layout options to accommodate concerns raised by affected parties)

Not Applicable - No alternative layouts were required to accommodate concerns.

18 The possible mitigation measures that could be applied and the level of risk.

(With regard to the issues and concerns raised by affected parties provide a list of the issues raised and an assessment/ discussion of the mitigations or site layout alternatives available to accommodate or address their concerns, together with an assessment of the impacts or risks associated with the mitigation or alternatives considered).

Not Applicable. No concerns raised at this stage.

19 The outcome of the site selection Matrix. Final Site Layout Plan

(Provide a final site layout plan as informed by the process of consultation with interested and affected parties)

Existing Site Layout Plan is as contained in Figure 4. Still subject to further public participation.

20 Motivation where no alternative sites were considered.

Not Applicable, especially in light of this being an existing mine and any Mining Right application generally being dependant on geology and therefore place-bound.

21 Statement motivating the preferred site.

(Provide a statement motivation the final site layout that is proposed)

The site layout in this document has been informed by the following factors:

- 1) Several years of salt prospecting on the farms at full volume has determined the optimum layout for this mine
- 2) The overwhelming informant in any mining venture must be the location of suitable material to mine. The salt in the brine has remained suitable at this pan for several years.
- 3) In this case, other environmental factors (such as vegetation, visual impact etc.) combined with the lack of surrounding land users and uses mean that the optimum layout of the mine can be achieved from an operational point of view (unencumbered by impactees which are often the case in other mines).

22 Plan of study for the Environmental Impact Assessment process

22.1 Description of alternatives to be considered including the option of not going ahead with the activity.

The following alternatives must be considered during the EIA process:

| Alternatives in respect of: | Contained in draft Scoping report | Update in Final Scoping report |
|--|-----------------------------------|--------------------------------|
| Property on which or location where it is proposed to undertake the activity | Yes. Refer Para 12.1 | No change required |
| Type of activity to be undertaken | Yes. Refer Para 12.2 | No change required |
| Design or layout of the activity | Yes. Refer Para 12.3 | No change required |
| Technology to be used in the activity | Yes. Refer Para 12.4 | No change required |
| Operational aspects of the activity | Yes. Refer Para 12.5 | No change required |
| Option of not implementing the activity | Yes. Refer Para 12.6 | No change required |

22.2 Description of the aspects to be assessed as part of the environmental impact assessment process

(The EAP must undertake to assess the aspects affected by each individual mining activity whether listed or not, including activities such as blasting, Loading, hauling and transport, and mining activities such as Excavations, stockpiles, discard dumps or dams, water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc....etc....etc.)

The following activities and environmental aspects thereof will continue to be assessed during the EIA:

| Activity and Environmental Element | Was it provisionally assessed in the Draft Scoping Report | Status in the Final Scoping report |
|---|---|---|
| Application for Mining Right | | |
| 1. POST-APPROVAL ACTIVITIES | | |
| 1.1. Extension of so-called Phase 3 trench | | |
| 1.1.1. Topography | Yes | Included |
| 1.1.2. Soil/Topsoil | Yes | Included |
| 1.1.3. Land Capability | Yes | Included |
| 1.1.4. Surface Water | Yes | Included |
| 1.1.5. Groundwater | Yes | Included |
| 1.1.6. Noise | Yes | Included |
| 1.1.7. Air Quality | Yes | Included |
| 1.1.8. Hydrocarbon | Yes | Included |
| 1.1.9. Heritage | No | Under specialist Study currently underway |
| 2. OPERATIONAL PHASE ACTIVITIES | | |
| 2.1. Brine is collected through seepage into trenches | | |
| 2.1.1. Groundwater | Yes | Included |
| 2.2. Trenches in pan surface: | Yes | |
| 2.2.1. Topography | Yes | Included |
| 2.2.2. Soil / topsoil | Yes | Included |
| 2.2.3. Visual | Yes | Included |

| Activity and Environmental Element | Was it provisionally assessed in the Draft Scoping Report | Status in the Final Scoping report |
|--|---|------------------------------------|
| 2.2.4.Land Capability | Yes | Included |
| 2.2.5.Surface Water | Yes | Included |
| 2.2.6.Groundwater | Yes | Included |
| 2.3. Existing pipe from Phase 3 Trench laid on pan (Surface from trench to near pan edge, then buried on pan to main pump house) | | |
| 2.4. Water pumped virtually continuously from trenches in pan to Dwaggas operation (via on surface pipes) – Electrically driven pumps | | |
| 2.5. Electricity to pumps from the south. On pan lines laid on surface otherwise overhead | | |
| 2.6. This brine is pumped to evaporation ponds on the approved Dwaggas Site via the approved pipeline. | | |
| 2.7. Vehicles using existing unsurfaced roadways on site. No new roads will be developed. No roads are >4m ⁵ . All tracks just “tweespoor with middle mannetjie”. | | |
| 2.7.1.Noise | Yes | Included |
| 2.7.2.Dust | Yes | Included |
| 2.7.3.Hydrocarbon | Yes | Included |
| 2.7.4.Traffic Impact | Yes | Included |
| 2.8. There are 3 buildings on site: | | |
| 2.8.1.Visual | Yes | Included |
| 2.8.2.Land Capability | Yes | Included |
| 2.8.3.Vegetation | Yes | Included |
| 2.9. Potable water trucked in as required (minor volumes) | | |
| 3. DECOMMISSIONING PHASE ACTIVITIES | | |
| 3.1. Backfill trenches | | |
| 3.1.1.Noise | Yes | Included |
| 3.1.2.Air Quality | Yes | Included |
| 3.1.3.Hydrocarbon | Yes | Included |
| 3.2. Remove all structures foundations and footings (unless required by landowner) | | |
| 3.2.1.Noise | Yes | Included |
| 3.2.2.Air Quality | Yes | Included |
| 3.2.3.Hydrocarbon | Yes | Included |
| 3.3. Rip surface of buildings areas to 30 -45cm deep (if applicable) | | |
| 3.3.1.Noise | Yes | Included |
| 3.3.2.Air Quality | Yes | Included |
| 3.3.3.Hydrocarbon | Yes | Included |
| 3.4. Allow to revegetate naturally | | |
| 4. AFTERCARE PERIOD | | |

⁵ However, to ensure EA covers possibility of any road being wider than 4m, such listing is included here.

| Activity and Environmental Element | Was it provisionally assessed in the Draft Scoping Report | Status in the Final Scoping report |
|--|---|------------------------------------|
| 4.1. Remove alien vegetation, if present | | |
| 4.2. Monitor revegetation success and continue | | |
| 4.3. Conduct final performance assessment | | |
| 4.4. Lodge closure Application | | |
| 4.5. DMR Grant Closure Application | | |

22.3 Description of aspects to be assessed by specialists

Given:

- the lack of future impacts in the future,
- the fact that mining has taken place here for the several years, and
- That WULA is in place,

no specialist studies are deemed necessary at this stage except for Heritage Studies currently underway. This is of course subject to further input from the public participation exercise.

22.4 Proposed method of assessing the environmental aspects including the proposed method of assessing alternatives

In this Scoping report the environmental aspects have been assessed based on the experience of the report compiler (Refer CV in Appendix 1 & 2). This will be further assessed and refined in the following ways:

- Consultation with / Call for comments from all Interested and Affected Parties (I&AP's)
- Call for specialist studies to include assessment on specific environmental elements.

The results of such further assessments will be included in the future EIA/EMP.

22.5 The proposed method of assessing duration and significance

As for Para 22.4.

22.6 The stages at which the competent authority will be consulted

This draft Scoping report was submitted to relevant State Departments. The final Scoping report will be submitted to the competent authority and such report will contain the details and results of the initial public participation. Consultation continues and all comments will be forwarded to the DMR and included in future EIA/EMP

The competent authority will decide on the implementation of the Plan of Study. If the applicant is given the go ahead to continue, then the EIA and EMP will be subject to public participation and finally lodged to the competent authority.

22.7 Particulars of the public participation process with regard to the Impact Assessment process that will be conducted

22.7.1 Steps to be taken to notify interested and affected parties

(These steps must include the steps that will be taken to ensure consultation with the affected parties identified in (h) (ii) herein).

Notification of I&AP's has taken place in a system relative to their expected input as follows:

- 1) Landowner: Through personal consultation where possible. Remember that 2 of the owners are related companies and the State is the 3rd Landowner.
- 2) Surrounding adjacent landowners: Through telephone call, email or registered post
- 3) General public and residents of Pofadder and Loeriesfontein: Through advert in local press
- 4) Notice placed at entrance of Dwaggas mine
- 5) In addition, the relevant Govt Departments will be contacted by Registered mail and / or Email in respect of the proposed project (as well as per telephone where appropriate).

Note that all parties will have full access to the Scoping report and EIA/EMP (in final or draft form depending on timing of consultation).

22.7.2 Details of the engagement process to be followed.

(Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultation. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings and records of such consultation will be required in the EIA at a later stage).

All parties (except landowner and State Departments) will have to register their interest in the matter. Land owner and State Depts. will be deemed to be registered I&AP's.

All registered I&AP's will be kept abreast of the application and will be supplied with all relevant documentation as well as consultations (one on one), if they so wish.

All commenting periods will be minimum 30 days as per NEMA regulations.

22.7.3 Description of the information to be provided to Interested and Affected Parties.

(Information to be provided must include the initial site plan and sufficient detail of the intended operation and the typical impacts of each activity, to enable them to assess what impact the activities will have on them or on the use of their land).

The information presented will depend on timing. Initially, the draft Scoping report served as the basis for comment. The next round of public participation will use the draft EIA/EMP as the information provided for further consultation.

22.8 Description of the tasks that will be undertaken during the environmental impact assessment process.

The following tasks will need to be undertaken during the EIA process:

- Public participation will proceed as a transparent as an all-inclusive as possible.
- All registered I&AP's will be kept informed and provided several opportunities to comment.
- Draft EIA / EMP will be compiled as basis for further consultation
- No Specialist studies will be completed at this stage, except for Heritage Impact Assessment currently under way (this may be modified as a result of public participation which may indeed reveal specialist studies that will be required.

22.9 Measures to avoid, reverse, mitigate, or manage identified impacts and to determine the extent of the residual risks that need to be managed and monitored.

In this table we have included the existing impacts given that these do have the potential for residual risk if not mitigated. However, only the impacts which are potentially residual impact are included, so for example, the impact of noise generated by earthmoving equipment during construction of the existing trenches is not included here.

| Activity (whether listed or not listed) and potential impact E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, and air pollution etc....etc....) | Mitigation Type (modify, remedy, control, or stop)Through (e.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.). E.g. Modify through alternative method. Control through noise control Control through management and monitoring through rehabilitation. | Potential for Residual Risk |
|---|---|------------------------------------|
| Application for Mining Right | | |
| 1. POST-APPROVAL ACTIVITIES | | |
| 1.1. Extension of so-called Phase 3 trench | | |
| 1.1.1. Topography | Remedy through rehabilitation | Very minor if any |
| 1.1.2. Soil/Topsoil | Remedy through rehabilitation | Very minor if any |
| 1.1.3. Land Capability | Remedy through rehabilitation | None |
| 1.1.4. Surface Water | Control through management | None |
| 1.1.5. Groundwater | Control through management | None |
| 1.1.6. Noise | None required | None |
| 1.1.7. Air Quality | Remedy through rehabilitation | None |
| 1.1.8. Hydrocarbon | Hydrocarbon pollution prevention protocol to be implemented | None |
| 2. OPERATIONAL PHASE ACTIVITIES | | |
| 2.1. Brine is collected through seepage into trenches | | |
| 2.1.1. Groundwater | | |
| 2.2. Trenches in pan surface: | | |
| 2.2.1. Topography | Remedy through rehabilitation | Very minor if any |
| 2.2.2. Soil / topsoil | Remedy through rehabilitation | Very minor if any |
| 2.2.3. Visual | Remedy through rehabilitation | None |
| 2.2.4. Land Capability | Remedy through rehabilitation | None |
| 2.2.5. Surface Water | Control through management | None |
| 2.2.6. Groundwater | Control through management | None |
| 2.3. Existing pipe from Phase 3 Trench laid on pan (Surface from trench to near pan edge, then buried on pan to main pump-house) | | |
| 2.4. Water pumped virtually continuously from trenches in pan to Dwaggas operation (via on surface pipes) – Electrically driven pumps | | |
| 2.5. Electricity to pumps from the south. On pan lines laid on surface otherwise overhead | | |

| Activity (whether listed or not listed) and potential impact E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, and air pollution etc....etc....) | Mitigation Type (modify, remedy, control, or stop)Through (e.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.). E.g. Modify through alternative method. Control through noise control Control through management and monitoring through rehabilitation. | Potential for Residual Risk |
|---|---|------------------------------------|
| 2.6. This brine is pumped to evaporation ponds on the approved Dwaggas Site via the approved pipeline. | | |
| 2.7. Vehicles using existing unsurfaced roadways on site. No new roads will be developed. No roads are >4m ⁶ . All tracks just “tweespoor with middle mannetjie”. | | |
| 2.7.1. Noise | None required | None |
| 2.7.2. Dust | None required | None |
| 2.7.3. Hydrocarbon | Hydrocarbon pollution prevention protocol to be implemented | None |
| 2.7.4. Traffic Impact | Road Safety and road rules | None |
| 2.8. There are 3 buildings on site – Remove unless required by landowner: | | |
| 2.8.1. Visual | Remedy through rehabilitation | None |
| 2.8.2. Land Capability | Remedy through rehabilitation | None |
| 2.8.3. Vegetation | Remedy through rehabilitation | None |
| 2.9. Potable water trucked in as required (minor volumes) | | |
| 3. DECOMMISSIONING PHASE ACTIVITIES | | |
| 3.1. Backfill trenches | This is a mitigation measure to be implemented to eliminate residual impacts | |
| 3.1.1. Noise | None required | None |
| 3.1.2. Air Quality | None required | None |
| 3.1.3. Hydrocarbon | Hydrocarbon pollution prevention protocol to be implemented | None |
| 3.2. Remove all structures foundations and footings (unless required by landowner) | This is a mitigation measure to be implemented to eliminate residual impacts | |
| 3.2.1. Noise | None required | None |
| 3.2.2. Air Quality | None required | None |
| 3.2.3. Hydrocarbon | Hydrocarbon pollution prevention protocol to be implemented | None |
| 3.3. Rip surface of buildings areas to 30 -45cm deep (if applicable) | This is a mitigation measure to be implemented to eliminate residual impacts | |
| 3.3.1. Noise | None required | None |
| 3.3.2. Air Quality | None required | None |
| 3.3.3. Hydrocarbon | Hydrocarbon pollution prevention protocol to be implemented | None |
| 3.4. Allow to revegetate naturally | This is a mitigation measure to be implemented to eliminate residual impacts | |
| 4. AFTERCARE PERIOD | | |
| 4.1. Remove alien vegetation, if present | This is a mitigation measure to be implemented to eliminate residual impacts | |
| 4.2. Monitor revegetation success and continue | | |

⁶ However, to ensure EA covers possibility of any road being wider than 4m, such listing is included here.

| Activity (whether listed or not listed) and potential impact E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, and air pollution etc....etc....) | Mitigation Type (modify, remedy, control, or stop)Through (e.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.). E.g. Modify through alternative method. Control through noise control Control through management and monitoring through rehabilitation. | Potential for Residual Risk |
|--|---|-----------------------------|
| 4.3. Conduct final performance assessment | | |
| 4.4. Lodge closure Application | | |
| 4.5. DMR Grant Closure Application | | |

23 Other Information required by the competent Authority

23.1 Compliance with the provisions of sections 24(4)(a) & (b) read with section 24(3) (a) and (7) of the National Environmental Management Act (Act 107 of 1998). The EIA report must include the:-

23.1.1 Impact on the socio-economic conditions of any directly affected person.

(Provide the results of Investigation, assessment, and evaluation of the impact of the mining, bulk sampling or alluvial diamond prospecting on any directly affected person including the landowner, lawful occupier, or, where applicable, potential beneficiaries of any land restitution claim, attach the investigation report and confirm that the applicable mitigation is reflected in 2.5.3; 2.11.6. and 2.12. herein).

Socio-economic impact occurs as a result of the following parties' socio-economic status being altered:

- Landowner: Positive impact in respect of surface rental and / or other income as a result of the salt mining.
- Mining Company and employees: Guaranteed income for duration of the project.
- Consumer: Guaranteed continued supply of salt
- The applicant company is bound by prescriptions of the Social and Labour Plan to contribute to the community's skills development and must also implement a Local Economic Development project which meets the satisfaction of the DMR and local authority.
- The social and labour plan also prescribes skills development for staff and community members.

23.1.2 Impact on any national estate referred to in section 3(2) of the National Heritage Resources Act.

(Provide the results of Investigation, assessment, and evaluation of the impact of the mining, bulk sampling or alluvial diamond prospecting on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) with the exception of the national estate contemplated in section 3(2)(i)(vi) and (vii) of that Act, attach the investigation report and confirm that the applicable mitigation is reflected in 2.5.3; 2.11.6. and 2.12. herein).

Heritage Impact Assessment is currently underway and will be included in draft EIA / EMP for public input.

24 Other matters required in terms of sections 24(4)(a) and (b) of the Act.

(the EAP managing the application must provide the competent authority with detailed, written proof of an investigation as required by section 24(4)(b)(i) of the Act and motivation if no reasonable or feasible alternatives, as contemplated in sub-regulation 22(2)(h), exist.

Not applicable – refer Site Layout Plan as indicated in Figure 4.

25 UNDERTAKING REGARDING CORRECTNESS OF INFORMATION

I **Craig Donald** herewith undertake that the information provided in the foregoing report is correct, and that the comments and inputs from stakeholders and Interested and Affected parties has been correctly recorded in the report.



Signature of the EAP

DATE: 16 January 2017

26 UNDERTAKING REGARDING LEVEL OF AGREEMENT

I **Craig Donald** herewith undertake that the information provided in the foregoing report is correct, and that the level of agreement with interested and Affected Parties and stakeholders has been correctly recorded and reported herein.



Signature of the EAP

DATE: 16 January 2017

APPENDIX 1:

RELEVANT EXPERIENCE AND CV OF EAP

Name: CRAIG DONALD

Date of Birth: 26 February 1967

Parent Firm: Site Plan Consulting

Position in Firm: Member

Years with the Firm: Since 1989

Nationality: South African

Qualifications:

| Year | Qualification | Institution |
|------|--|---|
| 1984 | Senior Certificate Matriculation | Plumstead High School |
| 1992 | National Higher Diploma: Town & Regional Planning (<i>cum Laude</i>) | Cape Technikon |
| 1995 | Minerals and Metals Extraction short course | Continuing Engineering Education, University of Witwatersrand |
| 1997 | National Diploma: Surface Mine Management | Technikon SA |
| 1999 | Principles for Environmental Management short course | Environmental Evaluation Unit of University of Cape Town |
| 2003 | Masters of Business Administration | University of Cape Town |

Languages : English (first language)
Afrikaans (second language)

Key Qualifications:

I have many years practical experience in diverse spatial and mine planning projects after completing a National Higher Diploma in Town and Regional Planning.

After joining Setplan (in 1989), my main involvement was the preparation of environmental management programmes (mainly in surface mining related field) and geographic information systems. In order to obtain a deeper understanding of the relevant issues, I completed a Surface Mine Management course as well as short courses such as the Environmental Evaluation course run by the EEU of UCT. I completed a part-time MBA at UCT in 2003 and became a member of Site Plan Consulting CC in 2006.

In that time I have developed experience in use of Word, Excel, CorelDraw and ArcView GIS and expanded my tasks as follows.

Main tasks:

The main focus of work experience has been in the licencing, physical and environmental planning, monitoring and closure of surface mining operations. The mines have varied in:

- Size from small sand mines to the largest aggregate or diamond producers,
- Products from clay to diamonds,
- Location from the Alexander Bay to East London/KZN coastal areas as well as inland in Free State and Limpopo
- Scale and type of environmental impact.

In respect of the licencing and physical planning of surface mines, the work entails *inter alia* the compilation of:

- Mining and Prospecting Work Programmes: a detailed mine / prospect plan and project description including cash flow forecast / budget to determine mine's economic viability and cost of prospecting
- Social and Labour Plan: Legislated document required to describe how the mine will maximise its socio-economic impact through enforced education, training and corporate social responsibility programmes for the staff and surrounding community.

In respect of the environmental planning, the work has entailed the compilation of Environmental Management Plans and Programmes in accordance with the requirements of the Mineral and Petroleum Resources Development Act with due regard for National Environmental Management Act (before the amalgamation of these 2 pieces of legislation in December 2014). Such EMP's have been conducted with full public participation and liaison with and full input from specialists as required. Such documents also required the calculation of the financial quantum required for closure / decommissioning activities. This quantum is recalculated on an annual basis once the project is operational.

In respect of monitoring the work involves conducting of environmental audits to measure the level of compliance of actual site conditions against the prescriptions of the EMP. The auditing task also served to highlight any shortcomings in the EMP.

Closure of surface mining operations has entailed the conducting of all public participation and the lodging of all documentation required.

Relevant Project Experience:

Prospecting Rights (including public participation and compilation of EMPlans (inclusive of EIAs)):

- For Salt on Papendorp Pan as community initiative
- EMPs only for 7 Heavy Mineral Prospects of the West Coast
- Firlands (Gordons Bay) for aggregate
- Zoet and Zuur Diamond pipe (Boshof, Free State)

- Several Alluvial Diamond prospects on West Coast and inland West Coast (Western and Northern Cape)
- Phosphate prospect (Saldanha)
- Aggregate prospect near Oyster Bay in Eastern Cape
- Cobalt, Copper, Molybdenum, Nickel, Lead, Zinc, Silver, Gold & Platinum Group Minerals on 13 farms in the Kenhardt Magisterial District
- Nickel and related minerals on 8 farms near Kliprand
- Kaolin at Langklip (near Saldanha)
- Base minerals around Oena Mine in Northern Cape
- 6 sites for Uranium in the Karoo
- Nickel prospect at Oup near Pofadder
- Commissioners Pan Salt Prospect
- Gypsum prospects near Kimberley, Vanrhysdorp and in the Bushmanland
- Sand sources for Atlantis Foundries (Western Cape)

Mining Permits and Rights (including full Public Participation and compilation of EMPs inclusive of EIAs)

- Caledon Manganese Mining Permit
- Pentlands Granite Quarry Mining Right near Empangeni (KZN)
- Gamohaan Aggregate Quarry near Kuruman
- Cawood Salt Mine at Sout River mouth (Amendment of existing Right)
- Kuipersbult Aggregate Mining Right near Lephalale (Limpopo) as source for Medupi Power station construction
- Dikpens Gypsum Mine Extension (Bushmanland)
- Yserfontein Pan Gypsum mine - update of EMP
- Gypsum Mine for PPC near Vanrhynsdorp
- Transand Aggregate mine near Hartenbosch
- Aggregate and sand mine on municipal owned land in Gansbaai (Permit and Right)
- Sand mining permit near Salmonsdam Nature Reserve, Stanford
- Limestone Mining Right north of Klawer
- Sand Mining permits near Gouritz River / Vlees Bay
- Gecko Fert Phosphate Mining Right near Langebaanweg
- Oyster Bay Mining Right application for Aggregate
- Moddergat Sand Mining Right (between Worcester and Villiersdorp)
- Mining Right for Manganese near Swellendam
- Involvement to a greater or lesser degree in at least 50 other Mining Permit and Mining Right applications
- EMP updates / amendments (some of which did not require public participation) for several operations (at least 20).

Environmental Performance Assessments (monitoring) of the following sites on one off or regular basis:

- Crammix Clay Mine (Brakenfel)
- Botriver Sand mine (Steyns)
- Cawood Salt Mine (Sout River)
- Swellendam Manganese Mine

- Gecko Fert Phosphate Prospects
- Cape Lime Limestone Mine near Vredendal
- Denron operations (Sand and Aggregate) Knysna / Plettenberg Bay area
- Dimension Stone Mines of Verde Bitterfontein (Namaqualand)
- Limestone quarries in Bredasdorp and Vredendal
- Cawood Salt Mine on West Coast
- 3 x Salt Mines north of Upington
- Various Afrimat aggregate operations throughout the country

Closure Applications (for mining and prospecting operations):

- Gecko Fert Phosphate Prospecting Rights and Mining Permit
- Knysna Whitebridge Quarry
- Denron Funda and Helderwater Quarry – Plettenberg Bay
- Crammix Clay Mine
- Vaale Valley Sand Mine (Mossel Bay)
- Various Dimension Stone bulk samples for Verde Bitterfontein (Namqualand)

“One Environmental System” applications (Post 8 December 2014):

- Cape Lime Sand Mine (Schaap Kraal operation) – Afrimat
- Atlantis Foundries Sand Mine – ZLLD Sand Mining (Pty) Ltd
- De Hoek Sand Mining Right – Buy-Line Trading (Pty) Ltd
- Denver Quarry – Afrimat (Underway)
- Desert Rose Dimension Stone Mine – Application only
- Narogna Pan Salt Mine – United Salt (Pty) Ltd

APPENDIX 2:

DECLARATION OF INDEPENDENCE of EAP

DECLARATION OF THE EAP

I, CRAIG DONALD declare that —

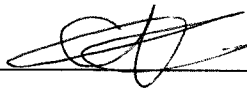
General declaration:

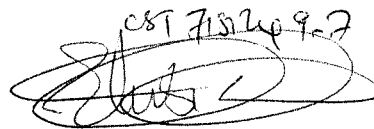
- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

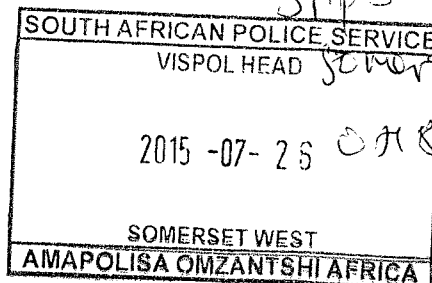
Signature of the environmental assessment practitioner:



CST 71524927


Name of company: Site Plan Consulting

Date: 26/07/2015



Appendix 3:

Newspaper Adverts and Poster

This was advertised in 2 local papers:

- **Platteland**
- **Noordwester**



WORKING FOR WATER TRAINING COLLABORATION

Winning the ongoing fight against alien tree species

BY MANDY SCHUMAN, NORTHERN CAPE DEPARTMENT OF NATURE CONSERVATION

NIEUWOUDTVILLE – The Oorlogskloof Nature Reserve staff recently had the opportunity of joining the Working For Water-Namaqua District Municipality training teams.

Health and Safety, First Aid and Herbicide Applicator training was conducted in Calvinia, to capacitate the teams that have to go out and fight the fight against the alien invasive tree species in the Hantam.

Alien tree species were historically introduced, to South Africa for various reasons, including for fire wood and for animal feed. A classic example is the South American Mesquite trees (Prosopis), introduced for their protein rich seed pods, which are produced late summer.

Prosopis trees have subsequently invaded large areas, with dense stands choking the river systems of the Hantam Karoo. Alien trees suck up huge amounts of valuable water and bring water flow to a standstill, as well as drying up springs and wetlands.

In a water poor environment, their effect can be devastating on water resources and the river ecosystems, outcompeting indigenous vegetation and resulting in the destruction of biodiversity.

The teams working to remove alien trees are working in an arid environment, in often remote locations and in difficult terrain. They are contracted to clear a certain area in an allocated time, no matter rain or shine or in the Hantam area, summer temperatures frequently 40° Celsius. It is therefore vital that the teams that go out are trained in Health and Safety and First Aid. If there are any injuries or illness in the field, a quick on the site response can literally save a life. As Mr Leon Koopman, from the Oorlogskloof Nature Reserve pointed out, "everybody should be trained in at least basic first aid. My own family may need

me to assist them with a medical emergency. You never know when the knowledge you have acquired through the training may benefit somebody else".

The control of alien invasive trees also requires working with herbicides which can be a hazard for the person working with them, as well as for the environment, if not applied correctly and whilst wearing protective clothing. Any team member applying herbicides should therefore be trained in the correct handling and application of the various chemicals used for alien invasive tree control.

The team from the Oorlogskloof Nature Reserve can be applauded, as this 6950 ha reserve is 98% alien invasive tree free! Apart from some poplar stands and pine trees at two of the camp sites, Mesquite, pine, wattle and blue gum trees have been completely eradicated on the reserve. When on their daily patrols, the team pulls out any alien invasive as soon as they are spotted. For one week of the year two staff member hike the entire Oorlogskloof River in the reserve to clear it of any alien trees that may have popped up. It is only through making alien clearing a dedicated programme with ongoing removal, that this team of has been able to keep the Oorlogskloof River pristine and annual clearing costs at a minimum. The Oorlogskloof Nature Reserve staff would like to thank Working For Water, the trainers and fellow trainees for the very informative and well facilitated training sessions.

INDRAF SUPERMARK
KERKSTRAAT, VICTORIA-WES
TEL./FAKS 053 621 1207

Ons wens al ons kliënte 'n Geseënde Kersfees en 'n Voorspoedige 2017 toe

BAIE DANKIE VIR U GETROUE ONDERSTEUNING DIE AFGELOPE JAAR
Lindie en Personeel

INVADER FIGHT

OORLOGSKLOOF Nature Reserve staff armed and ready to continue the fight against alien invasive trees following some great training by Dynamics and Henchem, which was facilitated through Working For Water Namaqua District Municipality. The team: Gert Steyn, Esouw Andrews, Elrosita Schippers, Leon Koopman and Andries Fortuin.

VYF NUWE MOTORS ELKE DAG

Supermarkte gee VW up's weg

KAAPSTAD – Shoprite en Checkers gaan hierdie feeseisoen oor 'n periode van vier weke 150 splinternuwe VW up! motors weggee.

Dit is die grootste aantal motors wat nog ooit tevore in Suid-Afrika weggegee is. Ten minste vyf kopers sal elke dag tussen Maandag 28 November 2016 en Saterdag 24 Desember 2016 'n motor wen. Om in te skryf moet kopers R100 of meer by hul naaste Shoprite of Checkers supermark spandeer.

Kliënte wat enige een van die 29 deelnemende produkte koop sal ook kwalifiseer vir

'n inskrywing. Deelnemende produkte sal duidelik gemerk wees met die *Win a Car* aanwysing aan die einde van die pakkies in winkels.

So sal 'n koper wat Tastic rys en 'n Albany brood koop twee inskrywings ontvang.

Vorbereidings vir die feeseisoen begin altyd maande voor die tyd, om te verseker dat Shoprite en Checkers kliënte die beste produkte teen die bekostigbaarste pryse kry. Vanjaar wou hul nog meer doen om hul 29 miljoen lojale ondersteuners te bedank sodat hul op hierdie promosie besluit het.

Daarom sal 150 klante oor die volgende paar weke met nuwe motors weggry.

Kopers sal 'n gedrukte kasregister strokies by die toonbank ontvang. Om in te skryf moet hul, hul besonderhede op die strokies skryf en dit in die kompetisie houër by die winkel se ingang plaas.

Kliënte sal 'n maksimum van twee inskrywings vir elke keer dat hul inkopies gaan doen, ontvang en daar is geen beperking oor hoeveel keer hul aan die kompetisie deelneem tussen 28 November en 24 Desember nie.

Wenners sal daaglik in kennis gestel word. Terme en voorwaardes geld.

OUDESTE GAS

MEV. HELENE VAN WYK was die mees senior gas by Calvinia Lions se onthaal vir inwoners bo sewentig Saterdag 3 Desember 2016 in die Hantam Kerksaal. Sy is beloon met 'n Kerskoek. Haar seun Chris van Wyk was een van die stigteriede van die Lions in 1995 en is steeds aktief by hul betrokke.



23 Jaar gelede

DIE NOORDWESTER: 24 September 1993. Toerisme is vir enige streek 'n onontbeerlike ekonomiese inspuiting. Onlangs het drie groot toerisme streke Klein Karoo, Sentrale Karoo en Tulnroete tydens 'n strategiese beplannings sessie onder leiding van Satoer die voordele van nouer samewerking bespreek.

TOK-IN

KERKSTRAAT, VICTORIA-WES TEL. 053 621 0270

Eienaar en Personeel
wil almal bedank vir die
jaar se ondersteuning

Geseënde Kersfees en Voorspoedige 2017

DRIES EN ELSABE

KONTAKPERSOON:
Me C Cupido Erasmus
Kringbestuurder
Kring 4 - Calvinia
charmain.cupido@gmail.com
082 843 8639

KONTAKPERSOON:
Me M Huisamen
Departementshoof
Hoërskool Calvinia
huisamen@calvias.co.za
082 411 1475

HOËRSKOOI CALVINIA SBL Pos

Beskikbaar vanaf Januarie 2017 tot Desember 2017
Seniorfase Gr 8 en 9

VAKKE:
Natuurwetenskap
EBW
Wiskunde
Tegnologie

VEREISTES:
Onderwysdiploma (HOD/NOS)
Geregistreer by SACE
Rekenaargeletterd

AANBEVELING:
Rekenaar-toepassingstegnologie
Sport (atletiek, Netbal/ Rugby/ Atletiek/ Tennis)
Bereidwilligheid om kursusse te doen
Opneme Bestuurspermiel

DOEN AANSOEK VOOR 12 DESEMBER 2016

NOTICE OF SECTION 102 APPLICATION

in terms of Mineral & Petroleum Resources Development Act (Act 28 of 2002, as amended) & CALL FOR COMMENTS:
Expansion of approved Salt Mining activities on Dwaggas Pan

Please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan into the Mining Right area and to allow pumping from that site to the Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

Note that a copy of the Draft Scoping Report of the proposed operation is available for public scrutiny at the Public Libraries of Pafadder and Loeriesfontein.

In order to be identified and registered as an interested and / or affected party (I&AP) and/or to provide comment on the Draft Scoping Report, you are invited to submit your name, contact information and interest in the matter and /or comments on the Scoping Report, in writing, to reach the address below by 30 January 2017.

Site Plan Consulting

PO Box 28, Strand 7139. Tel: (021) 854 4260. Fax: (021)854 4321. Email: craig@siteplan.co.za. Contact person: Craig Donald

Note that only registered interested and Affected Parties will be kept abreast of the application status in future as well as receiving copies of all relevant documentation. There will be further opportunity to comment on this application, if you register as an I&AP.

The proposed activities will most likely trigger the following activities in terms of the National Environmental Management Act (Act 107 of 1998, as amended): GNR983: Activity 12, GNR 983: Activity 19, GNR983: Activity 22 (Only applies at time of closure), GNR984: Activity 17 and GNR985: Listing 4 (in terms of listing notices published in Government Gazette on 4/12/2014).

ADOPTION

Do's & Don'ts

Do you know that there are **right** and **wrong** ways to adopt a child? Here are examples of both:

with Lerato



Do's

In South Africa, there are **only two** ways in which you can legally adopt a child:

- By working through an **accredited adoption organisation**
- Adopting a child with the assistance of an **adoption social worker** functioning within South Africa's legally accredited adoption system



Don'ts

It is **illegal** to obtain a child in the following ways:

- Receiving or 'buying' a child directly **without intervention** from an accredited social worker or adoption organisation
- **Identifying a child** in a baby home that you would like to adopt
- Dealing directly with a **birth parent without** an accredited **social worker**
- Accepting an abandoned child from a **public servant**, like a police officer, **without** completing a **legal adoption process**



Learn more about adoption today with **Add-option**, South Africa's national adoption resource centre. Go **online** or **call us** for option counselling and any adoption-related queries.



adoption.org.za



0800 864 658

LEARN 8989



Let's do adoption right
- our children's future
depends on it.

Add-option is an
Initiative of SA's
National Adoption
Coalition

addoption
SA's adoption assistance centre

Massa-program vir 16 Dae van Aktivisme van geen geweld in Okiep geloods



M. Mostert

OKIEP – Die veldtog vir 16 Dae van Aktivisme van geen geweld teen vroue en kinders het ook in Namakwaland gestalte gekry. Die GPF se Male/Female Massa-program het Saterdag, 3 Desember, by die Laerskool Okiep en by die Rec-klub in die dorp afgeskop. Die laerskool se mini matriek-afskeid het by die skool plaasgevind.

Die saal was stampvol en die ouers en kinders het ewe mooi gelyk. Die ouers en leerders is met spoggerige motors afgelaai en die saal is pragtig versier vir die afskeid. Die gehoor is vermaak met 'n optrede van Dance Garage. Bernadine Hearn van Radio NFM het 'n Christelike dans uitgevoer. Mej. Namakwaland se eerste prinses doen haar deel vir die gemeenskappe. Sy en mej. Tiener 2016/2017 het toesprake gelewer. Die ouers en leerders het diplomas ontvang.

Baie dankie aan die bestuurders wat die kinders na die afskeid vervoer het. Dan-kie ook aan die ouers wat die geleentheid bygewoon het en die persone wat die saal so mooi versier het. Dankie aan Nama Khoi wat die saal voorsien het, die musiekfabriek wat musiek gemaak het, buurtwagte en raadslid Charles Coetzee wat 'n toespraak gelewer het.

Die mangesig van die jaar is Anthio Coetzee van die Hoërskool SA van Wyk. Die vrouegesig van die jaar is Tyler Cornelissen van HSN. Al die deelnemers het pragtig gelyk.

NOTICE OF SECTION 102 APPLICATION (in terms of Mineral & Petroleum Resources Development Act (Act 28 of 2002, as amended) & CALL FOR COMMENTS:

Expansion of approved Salt Mining activities on Dwaggas Pan

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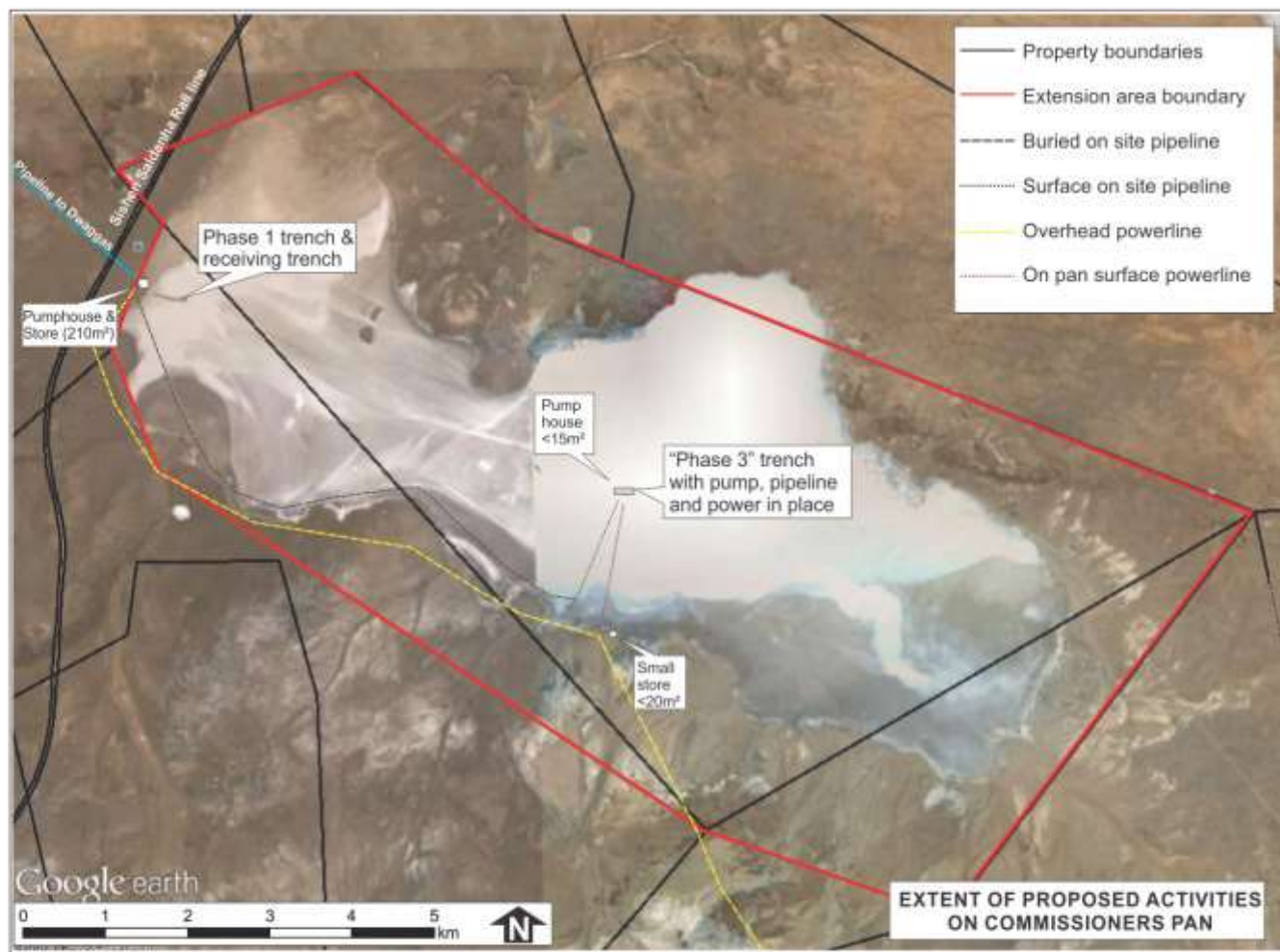
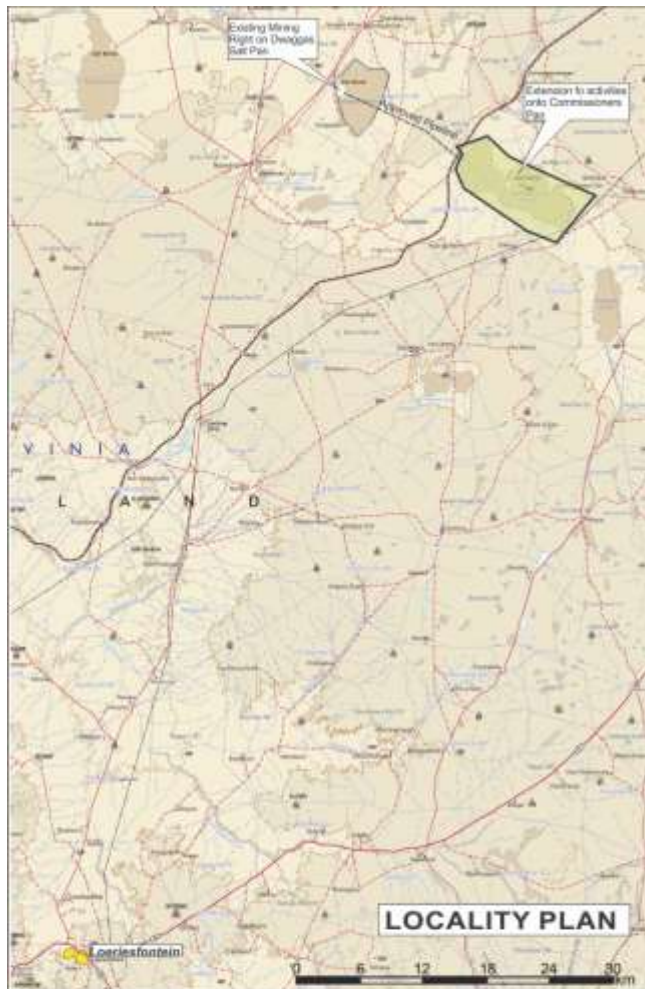
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Site Plan Consulting

PO Box 28 Strand 7139. Tel: (021)854 4260. Fax: (021)854 4321. Email: craig@siteplan.co.za. Contact person: Craig Donald

Note that only registered Interested and Affected Parties will be kept abreast of the application status in future as well as receiving copies of all relevant documentation. There will be further opportunity to comment on this application, if you register as an I&AP.

The proposed activities will most likely trigger the following activities in terms of the National Environmental Management Act (Act 107 of 1998, as amended): GNR983: Activity 12, GNR 983: Activity 19, GNR983: Activity 22 (Only applies at time of closure), GNR984: Activity 17 and GNR985: Listing 4 (in terms of listing notices published in Government Gazette on 4/12/2014).



**NOTICE OF SECTION 102 APPLICATION (in terms of Mineral & Petroleum Resources Development Act (Act 28 of 2002, as amended)): Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd:
CALL FOR COMMENTS:**

Please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right

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Site Plan Consulting: PO Box 28 Strand 7139. Tel: (021)854 4260. Fax: (021)854 4321. Email: craig@siteplan.co.za. Contact person: Craig Donald

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Appendix 4:

Copy of correspondence sent thus far

List of REGISTERED LETTERS

Lys van GEREGISTREERDE BRIEWE

(with an insurance option/met 'n versekeringsopsie)



Post Office

Full tracking and tracing/Volledige volg en spoor

Name and address of sender:
 Naam en adres van afsender:.....
 SITE PLAN CONSULTING
 PO BOX 28 STRAND 7129

Enquiries/Navrae
 Sharecall
 number/nommer
0860 111 502
 www.postoffice.co.za

| No | Name and address of addressee Naam en adres van geadreseerde | Insured amount Versekerde bedrag | Insurance fee Versekeringsgeld | Postage Posgeld | Service fee Diensgeld | Affix Track and Trace customer copy Plak Volg-en-Spoor- Kliëntafskrif |
|----|---|-------------------------------------|-----------------------------------|--------------------|--------------------------|--|
| 1 | M R M O'KENNEY, BOX 86 LORNEFENTERI 8185 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 170 847 ZA CUSTOMER COPY 301028R |
| 2 | DWS. P. BAG X 6101 KIMBERLEY 8300 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 170 881 ZA CUSTOMER COPY 301028R |
| 3 | DEPT OF AGRIC. PBAG X 5018 KIMBERLEY 8300 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 171 082 ZA CUSTOMER COPY 301028R |
| 4 | DEPT OF TRANSPORT + IW. P. BOX 3132 KIMBERLEY 8300 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 171 048 ZA CUSTOMER COPY 301028R |
| 5 | DEPT OF PUBLIC WORKS PBAG X 5002 KIMBERLEY 8300 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 171 003 ZA CUSTOMER COPY 301028R |
| 6 | FSTERIKSE, 883 SKOOLST. BRANDULEI 8915 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 170 966 ZA CUSTOMER COPY 301028R |
| 7 | HAUTAM MUNICIPALITY: MM P. BAG X 14 CALVINIA 8190 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 170 921 ZA CUSTOMER COPY 301028R |
| 8 | DENC. PRIVATE BAG X 6012 KIMBERLEY 8300 | | | | | REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 121 171 122 ZA CUSTOMER COPY 301028R |
| 9 | | | | | | |
| 10 | | | | | | |

Number of letters posted
 Getal briewe gepos 8
 Total
 Totaal R R R R


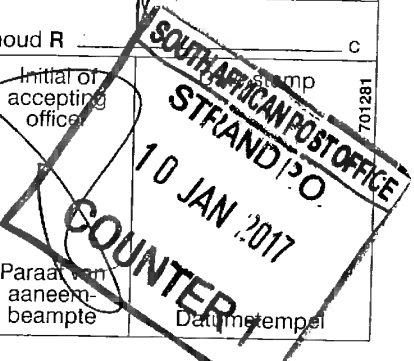
Signature of client
 Handtekening van kliënt.....

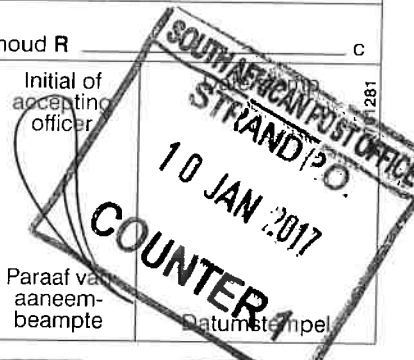
Signature of accepting officer
 Handtekening van aanneembeampte.....


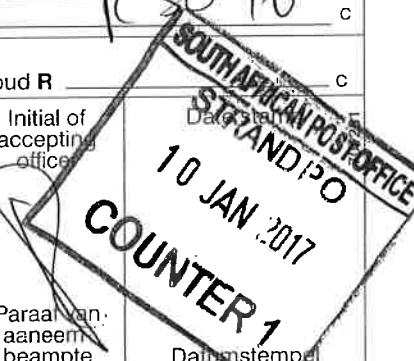
Date stamp
 09 DEC 2016

The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance of up to R200.00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief

| | | | |
|---|--|---|--|
| REGISTERED LETTER GEREGISTREERDE BRIEF | |  Post Office | |
| <i>(with an insurance option/met 'n versekeringsopsie)</i> | | | |
| Full tracking and tracing/Volledige volg en spoor | | Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C | |
| Addressed to/Bestemmer aan JDP Vullgraaf 18 Veerhebbers | | Insured value of contents Versekerde waarde van inhoud R _____ C | |
| Postcode Postkode | | Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502 | |
| <small>The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</small> <small>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder dokumentêre bewys ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</small> | | Initial of accepting officer _____ Paraat van aanbeëmbpte _____ Datumstempel _____ | |
| Affix Track and Trace REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RD 801 672 441 ZA | |  | |
| CUSTOMER COPY 301028R kliëntafskrif | | | |

| | | | |
|---|--|---|--|
| REGISTERED LETTER GEREGISTREERDE BRIEF | |  Post Office | |
| <i>(with an insurance option/met 'n versekeringsopsie)</i> | | | |
| Full tracking and tracing/Volledige volg en spoor | | Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C | |
| Addressed to/Bestemmer aan JDP Vullgraaf 6 Veerhebbers | | Insured value of contents Versekerde waarde van inhoud R _____ C | |
| Postcode Postkode | | Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502 | |
| <small>The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</small> <small>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder dokumentêre bewys ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</small> | | Initial of accepting officer _____ Paraat van aanbeëmbpte _____ Datumstempel _____ | |
| Affix Track and Trace REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RD 801 672 322 ZA | |  | |
| CUSTOMER COPY 301028R kliëntafskrif | | | |

| | | | |
|---|--|---|--|
| REGISTERED LETTER GEREGISTREERDE BRIEF | |  Post Office | |
| <i>(with an insurance option/met 'n versekeringsopsie)</i> | | | |
| Full tracking and tracing/Volledige volg en spoor | | Postage paid R _____ C Service fee/Diensgeld R _____ C Insurance/Versekering R _____ C Total/Totaal R _____ C | |
| Addressed to/Bestemmer aan JDP Vullgraaf Box 97 | | Insured value of contents Versekerde waarde van inhoud R _____ C | |
| Postcode Postkode | | Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502 | |
| <small>The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.</small> <small>Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder dokumentêre bewys ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.</small> | | Initial of accepting officer _____ Paraat van aanbeëmbpte _____ Datumstempel _____ | |
| Affix Track and Trace REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RD 801 672 384 ZA | |  | |
| CUSTOMER COPY 301028R kliëntafskrif | | | |



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Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Department of Public Works (National)
Private Bag X5002
Kimberley, 8300
Att: Sylvia Moholo

9 December 2016

Our ref: 2459

Also sent by email

Dear Madam,

Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

As landowner representative, please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

Please note also that portion of this land is State owned land and we require your comment as landowners. This document has also been forwarded to Provincial Department of Public Works office in Kimberley (for attention of Mr K Nogwili)

Included herewith please find a copy of the Draft Scoping Report in respect of the proposed extension.

You are hereby requested to provide any comment you have in respect of the attached document to the contact details below within 30 days of the date of this letter. Should you require any extension of time please let me know timeously so I can arrange for such extension. If you do not respond you will be deemed to have no comment.

EAP Contact Details:

Company: Site Plan Consulting
Contact Person: Craig Donald
Tel: 021 854 4260
Fax: 021 854 4321
Cell: 084 511 1520
Email: craig@siteplan.co.za

Please do not hesitate to contact me should you require any additional information.

Yours Faithfully

Craig Donald.
Hantam Municipality

Site Plan Consulting CC (Reg #: 1998/008366/23)

MEMBERS: Stephen van der Westhuizen TRP (SA), Bsc (Geol), MT&RP cum laude
Craig Donald NHDT&RP, ND Surface Mine Management, MBA
CONSULTANT: Neville van der Westhuizen TRP(SA), B. Agric, MT&RP



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ENVIRONMENTAL GEOLOGY, ENVIRONMENTAL IMPACT, STRATEGIC MANAGEMENT, MINE PLANNING, GIS MANAGEMENT / TRAINING
Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140
PO Box 28 Strand 7139
Tel: 021 - 854 4260 Fax: 021 - 854 4321

Department of Transport, Roads and Public Works (Provincial)
PO Box 3132
Kimberley, 8300
Att: HOD – Mr K Nogwili

9 December 2016
Our ref: 2459

Dear Sir,

Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

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Company: Site Plan Consulting
Contact Person: Craig Donald
Tel: 021 854 4260
Fax: 021 854 4321
Cell: 084 511 1520
Email: craig@siteplan.co.za

Please do not hesitate to contact me should you require any additional information.

Yours Faithfully

Craig Donald.



SITE PLAN CONSULTING

ENVIRONMENTAL GEOLOGY, ENVIRONMENTAL IMPACT, STRATEGIC MANAGEMENT, MINE PLANNING, GIS MANAGEMENT / TRAINING

Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Private Bag X14
Calvinia, 8190
Att: Municipal Manager – Mr N van Stade

9 December 2016
Our ref: 2459

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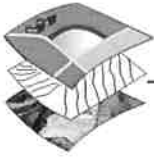
EAP Contact Details:

Company: Site Plan Consulting
Contact Person: Craig Donald
Tel: 021 854 4260
Fax: 021 854 4321
Cell: 084 511 1520
Email: craig@siteplan.co.za

Please do not hesitate to contact me should you require any additional information.

Yours Faithfully

Craig Donald.



SITE PLAN CONSULTING

ENVIRONMENTAL GEOLOGY, ENVIRONMENTAL IMPACT, STRATEGIC MANAGEMENT, MINE PLANNING, GIS MANAGEMENT / TRAINING
Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140
PO Box 28 Strand 7139
Tel: 021 - 854 4260 Fax: 021 - 854 4321

Dept of Agriculture, Land Reform and Rural Development
Private Bag X5018
Kimberley, 8300
Att: Head of Department – Mr Viljoen

9 December 2016

Our ref: 2459

Dear Sir,

Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

Please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

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Email: craig@siteplan.co.za

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Craig Donald.



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Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Dept of Water and Sanitation
Private Bag X6101
Kimberley, 8300
Att: Chief Director- Mr A Abrahams

9 December 2016

Our ref: 2459

Dear Sir,

Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

Please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

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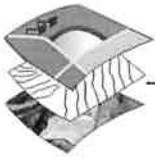
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Craig Donald.



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Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Dept of Environment and Nature Conservation: EIA Administration
Private Bag X6102
Kimberley 8300
Att: DT Moneko

9 December 2016

Our ref: 2459

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Please do not hesitate to contact me should you require any additional information.

Yours Faithfully

Craig Donald.

Site Plan Consulting CC (Reg #: 1998/008366/23)

MEMBERS: Stephen van der Westhuizen TRP (SA), Bsc (Geol), MT&RP cum laude
Craig Donald NHDT&RP, ND Surface Mine Management, MBA
CONSULTANT: Neville van der Westhuizen TRP(SA), B. Agric, MT&RP



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PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Mr H O Kennedy
Posbus 86
Loeriesfontein, 8185

9 December 2016

Our ref: 2459

Dear Sir,

Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

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Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Ward Councillor: Ward 3 (Hantam)
883 Skool Street
Brandvlei, 8915
Att: Mr F Sterkse

9 December 2016
Our ref: 2459

Dear Sir,

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Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Mr IDP Vollgraaff
18 Voortrekker Street
Loeriesfontein, 8185

9 January 2016
Our ref: 2459

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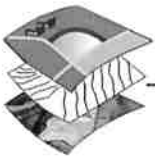
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PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Mr IDP Vollgraaff
Posbus 97
Loeriesfontein, 8185

9 January 2016

Our ref: 2459

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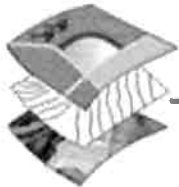
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Craig Donald

From: Craig Donald <craig@siteplan.co.za>
Sent: Friday, January 13, 2017 8:37 AM
To: 'ryan.oliver@drrlr.gov.za'
Subject: Status / Existence of land claim: Commisisoners Pan



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*Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand,
PO Box 28 Strand 7139 Tel: 021 - 854 4260 Fax: 021 - 854*

Attention: Ryan Oliver

Regional Land Claims Commission: Northern Cape and Free State
Fax: 053 831 6501
Tel: 053 807 5700

Dear Sir,

RE: enquiry as to the status of land claims

With regard Mining Right Application currently being undertaken by Dwaggas Salt Works (Pty) Ltd, we request confirmation on whether there are any land claims on the following properties:

1. Commissioners Vley 196 / 1 (Calvinia RD)
2. Hoek van de Pan 189/4 (Calvinia RD)
3. Wolfkop 1141/2 (Calvinia RD)

Please contact me should there be any queries.

Thank you and regards,

Craig Donald
Site Plan Consulting
Tel: 021 854 4260
Fax: 021 854 4321
PO Box 28 Strand 7139

Craig Donald

From: Craig Donald <craig@siteplan.co.za>
Sent: Friday, December 9, 2016 12:34 PM
To: 'Sylvia.Moholo@dpw.gov.za'
Subject: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.
Attachments: Full Draft Scoping Report_Commiss.pdf

Dear Madam,

Please be advised, **as landowner representative**, that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1 (***This is State Owned Land***), Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

Note: If you are not the applicable landowner representative, please inform me by way of return email with details of whom we should approach in this regard.

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Company: Site Plan Consulting
Contact Person: Craig Donald
Tel: 021 854 4260
Fax: 021 854 4321
Cell: 084 511 1520
Email: craig@siteplan.co.za

The proposed activities will most likely trigger the following activities in terms of the National Environmental Management Act (Act 107 of 1998, as amended): GNR983: Activity 12, GNR 983: Activity 19, GNR983: Activity 22 (Only applies at time of closure), GNR984: Activity 17 and GNR985: Listing 4 (in terms of listing notices published in Government Gazette on 4/12/2014).

Please do not hesitate to contact me should you require any additional information.

Yours Faithfully



Craig Donald.



SITE PLAN CONSULTING

Tel: 021 854 4260

Fax: 021 854 4321

Cell: 084 511 1520

Craig Donald

From: Craig Donald <craig@siteplan.co.za>
Sent: Friday, December 9, 2016 12:31 PM
To: 'infrastructure1@hantam.gov.za'
Subject: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.
Attachments: Full Draft Scoping Report_Commiss.pdf

Dear Sir / Madam,

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Craig Donald.



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Tel: 021 854 4260
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Cell: 084 511 1520

Craig Donald

From: Craig Donald <craig@siteplan.co.za>
Sent: Friday, December 9, 2016 12:29 PM
To: burton.siljeur@transnet.net
Subject: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.
Attachments: Full Draft Scoping Report_Commiss.pdf

Dear sir,

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Craig Donald.



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Tel: 021 854 4260
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Cell: 084 511 1520

Craig Donald

From: Craig Donald <craig@siteplan.co.za>
Sent: Friday, December 9, 2016 12:25 PM
To: 'mmsecretary@khaima.gov.za'; 'vries@khaima.gov.za';
'edward.vries@khaima.gov.za'; 'veron.quincy@gmail.com'
Subject: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.
Attachments: Full Draft Scoping Report_Commiss.pdf

Att:

1. Municipal Manager – Mr Issacs
2. Municipal Environmental Officer - Mr Edward Vries
3. Ward 4 Councillor – Mr Steven Quincy

Dear sirs,

Please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

Included herewith please find a copy of the Draft Scoping Report in respect of the proposed extension.

You are hereby requested to provide any comment you have in respect of the attached document to the contact details below within 30 days of the date of this letter. Should you require any extension of time please let me know timeously so I can arrange for such extension. If you do not respond you will be deemed to have no comment.

EAP Contact Details:

Company: Site Plan Consulting
Contact Person: Craig Donald
Tel: 021 854 4260
Fax: 021 854 4321
Cell: 084 511 1520
Email: craig@siteplan.co.za

The proposed activities will most likely trigger the following activities in terms of the National Environmental Management Act (Act 107 of 1998, as amended): GNR983: Activity 12, GNR 983: Activity 19, GNR983: Activity 22 (Only applies at time of closure), GNR984: Activity 17 and GNR985: Listing 4 (in terms of listing notices published in Government Gazette on 4/12/2014).

Please do not hesitate to contact me should you require any additional information.

Yours Faithfully



Craig Donald.



SITE PLAN CONSULTING

Tel: 021 854 4260

Fax: 021 854 4321

Cell: 084 511 1520

Craig Donald

From: Craig Donald <craig@siteplan.co.za>
Sent: Friday, December 9, 2016 12:18 PM
To: 'Christoffel Lombard'
Subject: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.
Attachments: Full Draft Scoping Report_Commiss.pdf

Hello Mnr Lombard

Jammer oor die Engels! Maar hier is die korrespondensie waaroor ons die anderdag gepraat het.

Ek will ook vra as jy asseblief enige kontak besonderhede het vir die volgende bure het:

- 1186 Restant – Biesie Water Boerdery Trust
- Bitter puts 205/1 Alwyn van Jaasveld en die Leliefontain Trust
- Hoek van die Pan 189 / 3 - Izak Vollgraaff

Please be advised that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

Included herewith please find a copy of the Draft Scoping Report in respect of the proposed extension.

You as surrounding landowner are hereby requested to provide any comment you have in respect of the attached document to the contact details below within 30 days of the date of this letter. Should you require any extension of time please let me know timeously so I can arrange for such extension. If you do not respond you will be deemed to have no comment.

EAP Contact Details:

Company: Site Plan Consulting
Contact Person: Craig Donald
Tel: 021 854 4260
Fax: 021 854 4321
Cell: 084 511 1520
Email: craig@siteplan.co.za

The proposed activities will most likely trigger the following activities in terms of the National Environmental Management Act (Act 107 of 1998, as amended): GNR983: Activity 12, GNR 983: Activity 19, GNR983: Activity 22 (Only applies at time of closure), GNR984: Activity 17 and GNR985: Listing 4 (in terms of listing notices published in Government Gazette on 4/12/2014).

Please do not hesitate to contact me should you require any additional information.

Yours Faithfully



Craig Donald.

From: Christoffel Lombard [<mailto:kliprand@hotmail.com>]

Sent: Tuesday, December 6, 2016 9:48 AM

To: craig@siteplan.co.za

Subject:

Hallo Craig

Reply hierheen met besonderhede

Dankie

Christoffel Lombard

Sent from Samsung Mobile

COURIERED: 6/12/16



SITE PLAN CONSULTING

ENVIRONMENTAL GEOLOGY, ENVIRONMENTAL IMPACT, STRATEGIC MANAGEMENT, MINE PLANNING, GIS MANAGEMENT / TRAINING

Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Pofadder Library

6/12/2016

Att: Librarian

To whom it may concern

As discussed with a librarian recently we need to have this report available for public comment at your library. The law says it must be available for 30 days, but excludes days from 15 December to 5 January.

So we would need it placed until at least 30 January 2017, then you can dispose of it.

Thanking you for your assistance... Much appreciated

Regards

Craig Donald

COPIED 6:12:16



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Shop 5 Goedehoop Shopping Centre, Broadway Boulevard Strand, 7140

PO Box 28 Strand 7139

Tel: 021 - 854 4260 Fax: 021 - 854 4321

Loeriesfontein Library

6/12/2016

Att: Ms B Farmer

Dear Ms Farmer

As discussed recently we need to have this report available for public comment at your library. The law says it must available for 30 days, but excludes days from 15 December to 5 January.

So we would need it placed until at least 30 January 2017, then you can dispose of it.

Thanking you for your assistance... Much appreciated

Regards

Craig Donald

Appendix 5:

Copy of correspondence received thus far

Craig Donald

From: Burton Siljeur *Transnet Property CPT <Burton.Siljeur@transnet.net>
Sent: Tuesday, December 13, 2016 3:28 PM
To: Craig Donald
Cc: Gilbert Nortier Transnet Freight Rail PLZ; Marina Lourens Transnet Freight Rail; Johannes Hanekom *Transnet Property CPT
Subject: RE: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

Dear sir

Thank you for the notification.

We have forwarded the report together with our comments to Mr Nortier (Transnet Freight Rail) who will be able to assist with any further queries in this regard.

Mr Nortier have been included in this response.

Kind regards



Burton Siljeur
Geo-Spatial: Western Region
Transnet Property

☎: (021) 449-4484 📠: 083 269 3395
✉: (021) 449-4311 📧: Burton.Siljeur@Transnet.net
www.transnet.net

From: Craig Donald [<mailto:craig@siteplan.co.za>]
Sent: 09 December 2016 12:29 PM
To: Burton Siljeur *Transnet Property CPT
Subject: Extension of Mining Right Application by Dwaggas Salt Works (Pty) Ltd: Call for comment on draft Scoping Report.

Dear sir,

Please be advised, as surrounding landowner representative, that an Application for the extension of an approved Mining Right Authorisation area has been lodged by Dwaggas Soutwerke (Pty) Ltd to the Department of Mineral Resources: Northern Cape. Such application is made in terms of the provisions of Section 102 of the Mineral and Petroleum Resources Development Act (Act 28 of 2002). The proposed extension entails the inclusion of the Commissioners Pan (on Commissioners Vley 196 / 1, Portion of Hoek van de Pan 189/4 and Portion of Wolfkop 1141/2 (Calvinia)) into an existing Dwaggas Pan Mining Right area (on Dwaggas Oos 190 Portion 5 (Calvinia)) and to allow pumping from the Commissioners Pan site to the approved Salt Works on Dwaggas Pan. Commissioners Pan will only supply water /brine to the Dwaggas operation by approved existing pipeline between the two operations. Only pumping trenches will be required on Commissioners Pan and these are already in place by virtue of approved Prospecting Right.

Note: If you are not the applicable landowner representative, please inform me by way of return email.

Included herewith please find a copy of the Draft Scoping Report in respect of the proposed extension.

You are hereby requested to provide any comment you have in respect of the attached document to the contact details below within 30 days of the date of this letter. Should you require any extension of time please let me know timeously so I can arrange for such extension. If you do not respond you will be deemed to have no comment.

EAP Contact Details:

Company: Site Plan Consulting
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Please do not hesitate to contact me should you require any additional information.

Yours Faithfully



Craig Donald.



SITE PLAN CONSULTING

Tel: 021 854 4260

Fax: 021 854 4321

Cell: 084 511 1520



OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: NORTHERN CAPE

Hyesco Arcade, 4-8 Old Main Road, Kimberley, 8300 | PO Box 2458, Kimberley, 8300

Tel: (053) 807 5700 | Fax: (053) 831 6501

Enquiries: Refilwe Sekwati

Applicant: Site Plan Consulting

Shop 5 Goedehoop Shopping Centre

Broadway Boulevard Strand

7140

LAND CLAIMS ENQUIRY:

- 1. COMMISSIONERS VLEY 196/1 CALVINIA RD**
- 2. HOEK VAN DE PAN 189/4 CALVINIA RD**
- 3. WITKOP 1141/2 CALVINIA RD**

We refer to your letter dated: 13 January 2017

We confirm that as at the date of this letter no land claims appear on our database in respect of the Property. This includes the database for claims lodged by 31 December 1998; and those lodged between 1 July 2014 and 27 July 2016 in terms of the Restitution of Land Rights Amendment Act, 2014.

Whilst the Commission takes reasonable care to ensure the accuracy of the information it provides, there are various factors that are beyond the Commission's control, particularly relating to claims that have lodged but not yet been gazetted such as:

1. Some Claimants referred to properties they claim dispossession of rights in land against using historical property descriptions which may not match the current property description; and
2. Some Claimants provided the geographic descriptions of the land they claim without mentioning the particular actual property description they claim dispossession of rights in land against.

The Commission therefore does not accept any liability whatsoever if through the process of further investigation of claims it is found that there is in fact a land claim in respect of the above property.

If you are aware of any change in the description of the above property after 19 June 1913 kindly supply us with such description so as to enable us to do a further search.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Refilwe Sekwati', written over a horizontal line.

COMMUNICATION DIVISION

OFFICE OF THE REGIONAL LAND CLAIMS COMMISSION: NORTHERN CAPE

REFILWE SEKWATI

DATE: 13/01/2017

