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NEAS REFERENCE NUMBER: WCP/EIA/0000822/2020
ENQUIRIES: BERNARD KGOSANA
DATE OF ISSUE: 05 October 2021

The Board of Directors
ALG Boerdery (Pty) Ltd.
P.O. Box 8
CITRUSDAL
7340

Attention: Ms. G. van der Merwe

Tel.: (021) 921 3439

Email: grettchen@algestates.com

Dear Madam

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED) FOR THE PROPOSED DEVELOPMENT OF THE KOORHAANSHOOGTE 2 OFF-STREAM DAM AND ASSOCIATED INFRASTRUCTURE ON PORTION 24 OF FARM NO. 433, CLANWILLIAM RD, NORTH OF CITRUSDAL.

1. With reference to the above application, this Department hereby notifies you of its decision to **grant** the Environmental Authorisation, together with the reasons for the decision.
2. In terms of Regulation 4 of the Environmental Impact Assessment Regulations, 2014 (as amended), you are instructed to ensure, within 14 days of the date of the decision on the application, that all registered Interested and Affected Parties ("I&APs") are provided with access to the decision and reasons for the decision, and that all registered I&APs are notified of their right to appeal.
3. Your attention is drawn to Chapter 2 of the National Appeal Regulations, 2014 (as amended), which prescribes the appeal procedure to be followed. This procedure is summarised hereunder.

Yours faithfully

MR. ZAAHIR TOEFY
DIRECTOR: DEVELOPMENT MANAGEMENT (REGION 1)

Copies to: (1) Ms. T. Oberholzer (GroenbergEnviro (Pty) Ltd)
(2) Mr. P. Badenhorst (GroenbergEnviro (Pty) Ltd)
(3) Ms. D. Joubert (Cederberg Municipality)

Email: therian@groenbergenviro.co.za

Email: pieter@groenbergenviro.co.za

Email: dannej@cederbergmun.gov.za

ENVIRONMENTAL AUTHORISATION

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED) FOR THE PROPOSED DEVELOPMENT OF THE KOORHAANSHOOGTE 2 OFF-STREAM DAM AND ASSOCIATED INFRASTRUCTURE ON PORTION 24 OF FARM NO. 433, CLANWILLIAM RD, NORTH OF CITRUSDAL.

With reference to your application for the abovementioned, find below the outcome with respect to this application.

DECISION

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 (as amended), the Competent Authority herewith **grants Environmental Authorisation** to the applicant to undertake the listed activity specified in section B below with respect to Alternative 1 (i.e. the Preferred Alternative), as described in the Final EIA Report dated 17 June 2021.

The applicant for this Environmental Authorisation is subject to comply with the conditions set out in section E below.

A. DETAILS OF THE APPLICANT FOR THIS ENVIRONMENTAL AUTHORISATION

The Director
ALG Boerdery (Pty) Ltd.
c/o Ms Grettchen van der Merwe
P.O. Box 8
CITRUSDAL
7340

Tel: (022) 921 3439
Email: grettchen@algestates.com

The abovementioned applicant is the holder of this Environmental Authorisation and is hereinafter referred to as "**the holder**".

B. ACTIVITY AUTHORISED

Listed Activity	Activity/Project description
<p>Listing Notice 2 of the EIA Regulations, 2014, (as amended):</p> <p>Activity Number: 16 Activity Description:</p> <p><i>The development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the high-water mark of the dam covers an area of 10 hectares or more.</i></p>	<p>The proposed off-stream dam wall will be approximately 7m in height.</p>

The abovementioned is hereinafter referred to as “the listed activity”.

The holder is herein authorised to undertake the following alternative that includes the listed activity relating to the authorised development:

The authorised development entails the development of the Koorhaanshoogte off-stream dam on Portion 24 of the Farm No. 433, Clanwilliam Rd, north of Citrusdal. The proposed Koorhaanshoogte off-stream dam will have a storage capacity of approximately 62 315m³ and will have the following dimensions:

- Wall Crest: 2m
- Wall Length: 310m
- Wall Height: 7m.

The total development footprint will be approximately 1.8ha in extent. The development will occur on land previously transformed by agricultural practices. No additional infrastructure (such as a pipeline) will be required, as an existing pipeline from an existing abstraction point in the Olifants River will be used to transport water from the river to the new dam. Access to the site is existing and no new roads will be required.

C. PROPERTY DESCRIPTION AND LOCATION

The authorised listed activity will be undertaken on Portion 24 of the Farm No. 433, approximately 12km north of Citrusdal.

The 21-digit Surveyor General code for the proposed site is:

Portion 24 of the Farm No. 433	C02000000000043300024
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Site co-ordinates for the proposed site are as follows:

Middle point	32° 31' 17.48" South	18° 58' 32.80" East
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Refer to Annexure 1: Locality Map and Annexure 2: Site Development Plan.

The said section of land is hereinafter referred to as “**the site**”.

D. DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

GroenbergEnviro (Pty) Ltd.
c/o Mr Pieter Badenhorst / Ms Therina Oberholzer
P.O. Box 1058
WELLINGTON
7654

Tel: (021) 873 7228

Email: pieter@groenbergenviro.co.za / therina@groenbergenviro.co.za

E. CONDITIONS OF AUTHORISATION

Scope of authorisation

1. The holder is authorised to undertake the listed activity specified in Section B above in accordance with and restricted to Alternative 1 (i.e. the Preferred Alternative) described in the Final EIA Report dated 17 June 2021 on the site described in Section C above.
2. The holder must commence with the listed activity on the site within a period of **five (5) years** from the date of issue of this Environmental Authorisation.
3. The development/construction activities must be concluded within **ten (10) years** from the date the commencement of the listed activity.
4. The holder must ensure compliance with the conditions by any person acting on his/her behalf, including an agent, sub-contractor, employee or any person rendering a service to the holder.
5. Any changes to, or deviations from the scope of the description set out in Section B must be approved in writing by the Competent Authority, before such changes or deviations may be implemented. In assessing whether to grant such acceptance/approval or not, the Competent Authority may request information in order to evaluate the significance and impacts of such changes or deviations, and it may be necessary for the holder to apply for further authorisation in terms of the applicable legislation.

Written notice to the Competent Authority

6. A minimum of 7 (seven) calendar days' notice, in writing, must be given to the Competent Authority before commencement of development activities.
 - 6.1. The notice must make clear reference to the site details and EIA Reference number given above.
 - 6.2. The notice must also include proof of compliance with the following conditions described herein:

Conditions: 7 and 11.

Notification and administration of appeal

7. The holder must in writing, within 14 (fourteen) calendar days of the date of this decision –
 - 7.1. Notify all registered Interested and Affected Parties ("I&APs") of –
 - 7.1.1. the outcome of the application;
 - 7.1.2. the reasons for the decision as included in Annexure 3;
 - 7.1.3. the date of the decision; and
 - 7.1.4. the date when the decision was issued.

- 7.2. Draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations, 2014 (as amended) detailed in Section G below;
- 7.3. Draw the attention of all registered I&APs to the manner in which they may access the decision;
- 7.4. Provide the registered I&APs with:
 - 7.4.1. the name of the holder (entity) of this Environmental Authorisation;
 - 7.4.2. the name of the responsible person for this Environmental Authorisation;
 - 7.4.3. the postal address of the holder;
 - 7.4.4. the telephonic and fax details of the holder;
 - 7.4.5. the e-mail address if any, of the holder; and
 - 7.4.6. the contact details (postal and/or physical address, contact number, facsimile and e-mail address) of the decision-maker and all registered I&APs in the event that an appeal is lodged in terms of the National Appeal Regulations, 2014 (as amended).
8. The listed activity, including site preparation, must not be commenced with within 20 (twenty) calendar days from the date the holder notifies the registered I&APs of this decision. In the event that an appeal is lodged with the Appeal Authority, the effect of this Environmental Authorisation is suspended until the appeal is decided, i.e., the listed activity, including site preparation, must not be commenced with until the appeal is decided.

Management of activity

9. The Environmental Management Programme ("EMPr") (compiled by GroenbergEnviro (Pty) Ltd and dated June 2021) submitted as part of the application for Environmental Authorisation is hereby approved and must be implemented.
10. The EMPr must be included in all contract documentation for all phases of implementation.

Monitoring

11. The holder must appoint a suitably experienced Environmental Control Officer ("ECO") before commencing with development activities to ensure compliance with the provisions of the EMPr and the conditions contained in this Environmental Authorisation.
12. A copy of the Environmental Authorisation and the EMPr, Environmental Audit Reports and compliance monitoring reports must be kept on the site of the authorised listed activity during the development phase, whereafter it must be kept at the office of the holder and must be made available to any authorised person on request.
13. Access to the site referred to in Section C above must be granted and, the environmental reports mentioned above must be produced to any authorised official representing the Competent Authority who requests to see it for the purposes of assessing and/or monitoring compliance with the conditions contained herein.

Auditing

14. In terms of Regulation 34 of the EIA Regulations, 2014 (as amended), the holder must conduct environmental audits to determine compliance with the conditions of the Environmental Authorisation and the EMPr and submit Environmental Audit Reports to the Competent Authority. The Environmental Audit Reports must be prepared by an independent person and must contain all the information required in Appendix 7 of the EIA Regulations, 2014 (as amended).

- 14.1. The holder must undertake an environmental audit within 3 (three) months of the commencement of the listed activity and submit an Environmental Audit Report to the Competent Authority within 1 (one) month of the completion of the environmental audit.
- 14.2. A final Environmental Audit Report must be submitted to the Competent Authority within 1 (one) month after the completion of the development/construction activities.
- 14.3. The holder must, within 7 (seven) days of the submission of the Environmental Audit Report to the Competent Authority, notify all potential and registered I&APs of the submission and make the report available to an authorised person on request.

Specific conditions

15. Should any heritage remains be exposed during excavations or any other actions on the site, these must immediately be reported to the Provincial Heritage Resources Authority of the Western Cape, Heritage Western Cape. Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from Heritage Western Cape.
 - 15.1. Heritage remains include: meteorites, archaeological and/or palaeontological remains (including fossil shells and trace fossils); coins; indigenous and/or colonial ceramics; any articles of value or antiquity; stone artifacts and bone remains; structures and other built features with heritage significance; rock art and rock engravings; and/or graves or unmarked human burials including grave goods and/or associated burial material.
16. Employment opportunities must be afforded to the local community (as far as possible).

F. GENERAL MATTERS

1. Notwithstanding this Environmental Authorisation, the holder must comply with any other statutory requirements that may be applicable when undertaking the listed activity.
2. Non-compliance with a condition of this Environmental Authorisation or EMPr may render the holder liable to criminal prosecution.
3. If the holder does not commence with the listed activity within the period specified in Condition 2, this Environmental Authorisation shall lapse for that activity, and a new application for Environmental Authorisation must be submitted to the Competent Authority. If the holder wishes to extend the validity period of the Environmental Authorisation, an application for amendment in this regard must be made to the Competent Authority prior to the expiry date of the Environmental Authorisation.
4. An application for amendment of the Environmental Authorisation must be submitted to the Competent Authority where any detail with respect to the Environmental Authorisation must be amended, added, substituted, corrected, removed or updated. If a new holder is proposed, an application for Amendment in terms of Part 1 of the EIA Regulations, 2014 (as amended) must be submitted.

Please note that an amendment is not required if there is a change in the contact details of the holder. In this case, the Competent Authority must only be notified of such changes.

5. The manner and frequency for updating the EMPr is as follows:

Amendments to the EMPr, must be made in accordance with Regulations 35 to 37 of the EIA Regulations, 2014 (as amended) or any relevant legislation that may be applicable at the time.

G. APPEALS

Appeals must comply with the provisions contained in the National Appeal Regulations, 2014 (as amended).

1. An appellant must –
 - 1.1. Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations, 2014 (as amended) to the Appeal Administrator; and
 - 1.2. Submit a copy of the appeal to any registered I&APs, any Organ of State with interest in the matter and the decision-maker i.e. the Competent Authority that issued the decision.
2. An appellant (if NOT the holder of the decision) must, within 20 (twenty) calendar days from the date the holder of the decision sent notification of the decision to the registered I&APs–
 - 2.1. Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations, 2014 (as amended) to the Appeal Administrator; and
 - 2.2. Submit a copy of the appeal to the holder of the decision, any registered I&AP, any Organ of State with interest in the matter and the decision-maker i.e. the Competent Authority that issued the decision.
3. The holder of the decision (if not the appellant), the decision-maker that issued the decision, the registered I&AP and the Organ of State must submit their responding statements, if any, to the appeal authority and the appellant within 20 (twenty) calendar days from the date of receipt of the appeal submission.
4. The appeal form/s must be submitted by means of one of the following methods:

By post: Attention: Mr. M. Venter
Western Cape Ministry of Local Government, Environmental Affairs and
Development Planning
Private Bag X9186
CAPE TOWN
8000

By facsimile: (021) 483 4174; or

By hand: Attention: Mr. M. Venter (Tel: 021 483 3721)
Room 809
8th Floor Utilitas Building, 1 Dorp Street, Cape Town, 8001
5. The prescribed appeal form, as well as assistance regarding the appeal processes is obtainable from the office of the appeal authority/ at: Tel. (021) 483 3721, E-mail DEADP.Appeals@westerncape.gov.za or URL <http://www.westerncape.gov.za/eadp>.

H. DISCLAIMER

The Western Cape Government, the holder, committees or any other public authority or organisation appointed in terms of the conditions of this Environmental Authorisation shall not be responsible for any damages or losses suffered by the holder, developer or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document or legal action emanating from this decision.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully

MR. ZAAHIR TOEFY
DIRECTOR: DEVELOPMENT MANAGEMENT (REGION 1)

DATE OF DECISION: 05 OCTOBER 2021

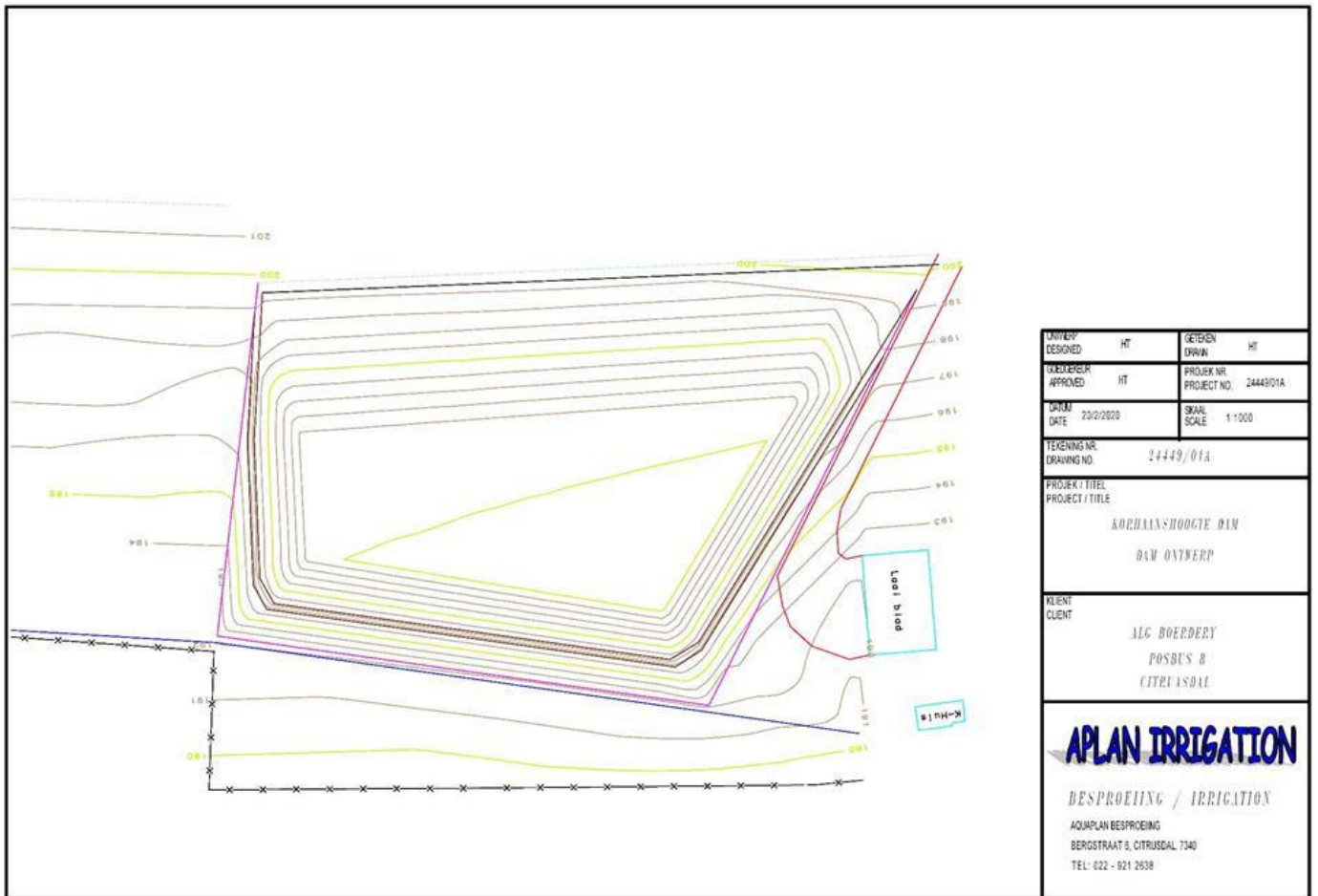
Copies to: (1) Ms. T. Oberholzer (GroenbergEnviro (Pty) Ltd)
(2) Mr. P. Badenhorst (GroenbergEnviro (Pty) Ltd)
(3) Ms. D. Joubert (Cederberg Municipality)

Email: therian@groenbergenviro.co.za
Email: pieter@groenbergenviro.co.za
Email: dannej@cederbergmun.gov.za

ANNEXURE 1: LOCALITY MAP



ANNEXURE 2: SITE DEVELOPMENT PLAN



UNIVERP DESIGNED	HT	CEBEN DRAWN	HT
ONBEDEELER APPROVED	HT	PROJEK NR PROJECT NO.	24449/01A
DRAAI DATE	23/2/2020	SKAAL SCALE	1:1000
TEKENING NR DRAWING NO.	24449/01A		
PROJEKT TITEL PROJECT / TITLE	AORHANSHOOGTE DIN D&W ONTVERP		
KLIEN CLIENT	JLG BOERDERY POSBUS 8 CITRUSDAL		
APLAN IRRIGATION			
BESPROEING / IRRIGATION			
AQUAPLAN BESPROEING BERGSTRAAT 8, CITRUSDAL, 7340 TEL: 022 - 921 2638			

ANNEXURE 3: REASONS FOR THE DECISION

In reaching its decision, the Competent Authority considered, *inter alia*, the following:

- a) The information contained in the application form dated and received by the Competent Authority on 19 October 2020, the Final Scoping Report dated and received by the Competent Authority on 15 January 2021, the Final EIA Report dated 17 June 2021 and EMPr dated June 2021 and received by the Competent Authority on 17 June 2021;
- b) Relevant information contained in the Departmental information base, including, the Guidelines on Public Participation, Alternatives and Need and Desirability (dated March 2013);
- c) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the NEMA;
- d) The comments received from I&APs and responses to these, included in the Final EIA Report dated 17 June 2021 and the Comments and Responses Report submitted together with the EIA Report;
- e) The balancing of negative and positive impacts and proposed mitigation measures; and
- f) No site visits were conducted. The competent authority had sufficient information before it to make an informed decision without conducting a site visit.

All information presented to the competent authority was taken into account in the consideration of the application for Environmental Authorisation. A summary of the issues which, according to the competent authority, were the most significant reasons for the decision, is set out below.

1. Public Participation

The public participation process ("PPP") was undertaken in accordance with an approved Public Participation Plan (dated September 2020) and entailed the following:

- identification of and engagement with I&APs;
- Fixing a site notice on the site where the listed activity is to be undertaken on 19 November 2020 and 14 April 2021;
- Giving written notice to the owners and occupiers of land adjacent to the site where the listed activity is to be undertaken, the municipality and ward councilor, and the various organs of state having jurisdiction in respect of any aspect of the listed activity on 19 November 2020 and 14 April 2021 until 18 May 2020;
- The placing of a newspaper advertisement in the "Ons Kontrei" 20 November 2020; and
- The availability of Scoping Report for commenting on the EAP website for 30 days review and commenting period;
- A draft Scoping Report was released for a 30-day comment period from 18 November 2020; and
- A draft EIA Report was released for a 30-day comment period from 14 April 2021.

All of the concerns raised by I&APs were responded to and adequately addressed during the public participation process. This Department is satisfied that the PPP that was followed met the minimum legal requirements and all the comments and responses report thereto were included in the comments and responses report. Specific management and mitigation measures have been considered in this Environmental Authorisation and in the EMPr to adequately address the concerns raised.

2. Alternatives

The preferred alternative and the “no-go” alternative were identified and assessed.

Alternative 1 (The Preferred Alternative - herewith authorised)

Alternative 1 entails the development of the Koorhaanshoogte off-stream dam on Portion 24 of the Farm No. 433, Clanwilliam Rd, north of Citrusdal. The proposed Koorhaanshoogte off-stream dam will have a storage capacity of approximately 62 315m³ and will have the following dimensions:

- Wall Crest: 2m
- Wall Length: 310m
- Wall Height: 7m.

The total development footprint will be approximately 1.8ha in extent. The development will occur on land previously transformed by agricultural practices. No additional infrastructure (such as a pipeline) will be required, as an existing pipeline from an existing abstraction point in the Olifants River will be used to transport water from the river to the new dam. Access to the site is existing and no new roads will be required.

Alternative 1 is deemed the Preferred Alternative since the proposed dam will be located on an area previously transformed by agricultural activities and will not directly impact on a watercourse. The proposed site will be easily accessible via existing access and no additional infrastructure is required to pump water from the existing water abstraction point to the proposed dam.

“No-Go” Alternative

The “no-go” alternative will result in the *status quo* being maintained. Since the proposed development will not result in unacceptable environmental impacts, the “no-go” alternative was not warranted.

3. Impacts, assessment and mitigation measures

3.1. Activity Need and Desirability

The proposed site is zoned for agriculture and has been previously used for agricultural activities. The proposed site is currently limited to grazing activities. Although approximately 0.3ha of citrus orchard will be lost as a result of the proposed dam, the proposed development will optimize the use of the land to its higher potential and will result in positive benefits for the applicant and local community. The proposed dam will also provide for a secure water supply and in turn aid in food security during drought periods that may be experienced in the Western Cape. The proposed development will contribute positively to the local economy and will provide a number of employment opportunities.

3.2. Agricultural Impacts

According to the Screening Report (generated from the Screening Tool developed by the National Department of Environmental Affairs and dated 03 September 2020) the proposed site was mapped to be located in a high sensitivity area from an agricultural perspective. Based on the site sensitivity verification undertaken by the Environmental Assessment Practitioner, the sensitivity was disputed and deemed to be of low sensitivity since the proposed development is deemed to be in line with the existing agricultural activities located on the property. No further assessment was deemed necessary.

3.3. Botanical Impacts

No botanical impacts are anticipated since the proposed site is located on an area previously used for agricultural activities. The potential botanical impacts are therefore anticipated to be of very low negative significance.

3.4. Freshwater impacts

There are no freshwater features and/or watercourses located within 32m of the proposed site. Water for the dam will be abstracted from an existing abstraction point on the property. Existing pipeline infrastructure will be used to pump water from the Olifants River to the proposed dam. No freshwater impacts are therefore anticipated.

3.5. Heritage/Archaeological Impacts

A Notice of Intent to Develop was submitted to Heritage Western Cape ("HWC") on 07 December 2020. HWC indicated (in their comment dated 22 January 2021) that since there is no reason to believe that the proposed development site will impact on heritage resources, no further action under Section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) will be required.

3.6. Existing water allocation

The Citrusdal Water Users Association confirmed (in their correspondence dated 25 September 2019) that the abstraction of water allocated to the property is approximately 719 800m³. The proposed dam with a capacity of approximately 62 315m³ is therefore still within the existing water right.

3.7. Dust, Noise and Visual Impacts

No significant dust, noise and visual impacts are anticipated. Potential dust, noise and visual impacts associated with the proposed development will be mitigated by the implementation of the mitigation measures included in the EMPr.

The development will result in both negative and positive impacts.

Negative Impacts include:

- Potential visual, noise and dust impacts during the construction phase; and
- A limited loss in agricultural land.

Positive impacts include:

- A secure supply of water will be available in the event of a drought;
- Improve food security;
- Some employment opportunities will be provided; and
- Economic gain for the applicant.

4. National Environmental Management Act Principles

The National Environmental Management Act Principles (set out in section 2 of the NEMA, which apply to the actions of all organs of state, serve as guidelines by reference to which any organ of state must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), *inter alia*, provides for:

- the effects of decisions on all aspects of the environment to be taken into account;

- the consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment;
- the co-ordination and harmonisation of policies, legislation and actions relating to the environment;
- the resolving of actual or potential conflicts of interest between organs of state through conflict resolution procedures; and
- the selection of the best practicable environmental option.

5. Conclusion

In view of the above, the NEMA principles, compliance with the conditions stipulated in this Environmental Authorisation, and compliance with the EMPr, the competent authority is satisfied that the proposed listed activity will not conflict with the general objectives of integrated environmental management stipulated in Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and that any potentially detrimental environmental impacts resulting from the listed activity can be mitigated to acceptable levels.

You are reminded of the general duty of care towards the environment in terms of Section 28(1) of the NEMA which states: *“Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment.”*

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