



EIA REFERENCE NUMBER: 16/3/3/1/F5/16/2014/21
NEAS REFERENCE NUMBER: WCP/EIA/0000887/2021
ENQUIRIES: Mr. R. Chambeau
DATE OF ISSUE: 25 October 2021

The Director
Roelcor Malmesbury (Pty) Ltd. trading as Swartland Volstruise Abattoir
Abattoir Street
MALMESBURY
7300

For Attention: Mr. C. Faivre

Tel: (022) 486 4034
Email: foodsafety@roelcor.co.za

Dear Sir

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) AND ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED): THE PROPOSED EXPANSION OF AN EXISTING ABATTOIR ON THE REMAINDER OF ERF 7376, MALMESBURY.

1. With reference to the above application, this Department hereby notifies you of its decision to **grant** 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. J. Pienaar (Enviro-EAP)
(2) Mr. W. Dique (Landowner)
(3) Mr. J. Scholtz (Swartland Municipality)
(4) Mr. E. Roux (DEA&DP: Waste Management)
(5) Mr. D. Daniels (Department of Water and Sanitation)

Email: johmandie@enviro-eap.co.za
Email: willie@willmag.co.za
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Email: etienne.roux@westerncape.gov.za
Email: DanielsD@dws.gov.za

ENVIRONMENTAL AUTHORISATION

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) AND ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED): THE PROPOSED EXPANSION OF AN EXISTING ABATTOIR ON THE REMAINDER OF ERF 7376, MALMESBURY.

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 Preferred Alternative, described in the Basic Assessment Report ("BAR") dated 5 July 2021.

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

A. DETAILS OF THE APPLICANT FOR THIS ENVIRONMENTAL AUTHORISATION

The Director
Roelcor Malmesbury (Pty) Ltd. trading as Swartland Volstruise Abattoir
c/o Mr. C. Faivre
Abattoir Street
MALMESBURY
7300

Tel: (022) 486 4034
Email: foodsafety@roelcor.co.za

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 1 of the EIA Regulations, 2014, (as amended):</p> <p>Activity Number: 38 Activity Description:</p> <p><i>"The expansion and related operation of facilities for the slaughter of animals where the daily product throughput will be increased by more than-</i></p> <p>(i) 50 poultry; (ii) 6 units of reptiles, red meat and game; or (iii) 20 000 kg wet weight per annum of fish, crustaceans or amphibians.</p>	<p>The proposed expansion entails the increase of animal slaughter units from 80 to 240 units output per day (increase of 160 units/day). Existing facilities will be used with an increase in production, but no physical expansion of the facilities is proposed.</p>

The abovementioned list 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 expansion:

The authorised expansion on Remainder of Erf 7376, Malmesbury, entails the increase of animal slaughter units (ostriches) from 80 to 240 units (increase of 160 units). No physical expansion of the facilities is proposed nor any change in processing/production processes which will continue as per current status quo but just with an increase in number of units processed.

Technology to be used in the proposed expansion alternative will be similar to existing technology currently being used at the abattoir facility as the expansion must link in with existing facilities and infrastructure.

The developed footprint of the existing facility and associated infrastructure measures 9239.2m² in extent.

Access to the existing abattoir is off Abattoir Street.

C. SITE DESCRIPTION AND LOCATION

The authorised listed activity will be undertaken at the existing abattoir facility on a Remainder of Erf 7376, Malmesbury.

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

Remainder of Erf 7376, Malmesbury	C0460008000073760000
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Site co-ordinates for the proposed site is:

Starting point	33° 28' 01.15" South	18° 42' 54.85" East
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Refer to Annexure 1: Locality Plan and Annexure 2: Site Plan.

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

D. DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

Enviro-EAP (Pty) Ltd
c/o Ms. Johmandie Pienaar
P.O. Box 205

AGULHAS
7287

Cell.: 072 240 3092

Email: johmandie@enviro-eap.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 the Preferred Alternative described in the BAR dated 5 July 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 **ten (10) years** from the date of issue of this Environmental Authorisation.
3. The holder shall be responsible for ensuring 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.
4. Any changes to, or deviations from the scope of the alternatives described in section B above 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

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

Conditions: 6, 7 and 10.

Notification and administration of appeal

6. The holder must in writing, within 14 (fourteen) calendar days of the date of this decision–
 - 6.1. Notify all registered Interested and Affected Parties ("I&APs") of –
 - 6.1.1. the outcome of the application;
 - 6.1.2. the reasons for the decision as included in Annexure 3;
 - 6.1.3. the date of the decision; and
 - 6.1.4. the date when the decision was issued.

- 6.2. 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;
- 6.3. Draw the attention of all registered I&APs to the manner in which they may access the decision;
- 6.4. Provide the registered I&APs with:
 - 6.4.1. name of the holder (entity) of this Environmental Authorisation,
 - 6.4.2. name of the responsible person for this Environmental Authorisation,
 - 6.4.3. postal address of the holder,
 - 6.4.4. telephonic and fax details of the holder,
 - 6.4.5. e-mail address, if any, of the holder,
 - 6.4.6. 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).
7. 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 activities, including site preparation, must not be commenced with until the appeal is decided.

Management of activity

8. The Environmental Management Programme ("EMPr") (dated 2 July 2021) and submitted as part of the application for Environmental Authorisation is hereby approved and must be implemented.
9. The EMPr must be included in all contract documentation for all phases of implementation.

Monitoring

10. The holder must appoint a suitably experienced Environmental Control Officer ("ECO") before commencing with development activity to ensure compliance with the provisions of the EMPr and the conditions contained in this Environmental Authorisation.
11. A copy of the Environmental Authorisation, EMPr, Environmental Audit Reports and compliance monitoring reports must be kept on the site of the authorised listed activity and must be made available to any authorised person on request.
12. 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 these for the purpose of assessing and/or monitoring compliance with the conditions contained herein.

Auditing

13. 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 with expertise and must contain all the information required in Appendix 7 of the EIA Regulations, 2014 (as amended).

- 13.1. The holder must undertake the first environmental audit within 6 (six) months of the commencement of the listed activity and submit an Environmental Audit Report to the Competent Authority upon completion of the environmental audit.
- 13.2. A second Environmental Audit Report must be submitted to the Competent Authority within 3 (three) months after the completion of the development/construction activities.
- 13.3. An Environmental Audit Report must be submitted to the Competent Authority every 5 (five) years after the commencement of the operational phase.
- 13.4. 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

14. The holder must, as far as possible, afford employment opportunities to the local community during all phases of the proposed development.

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)

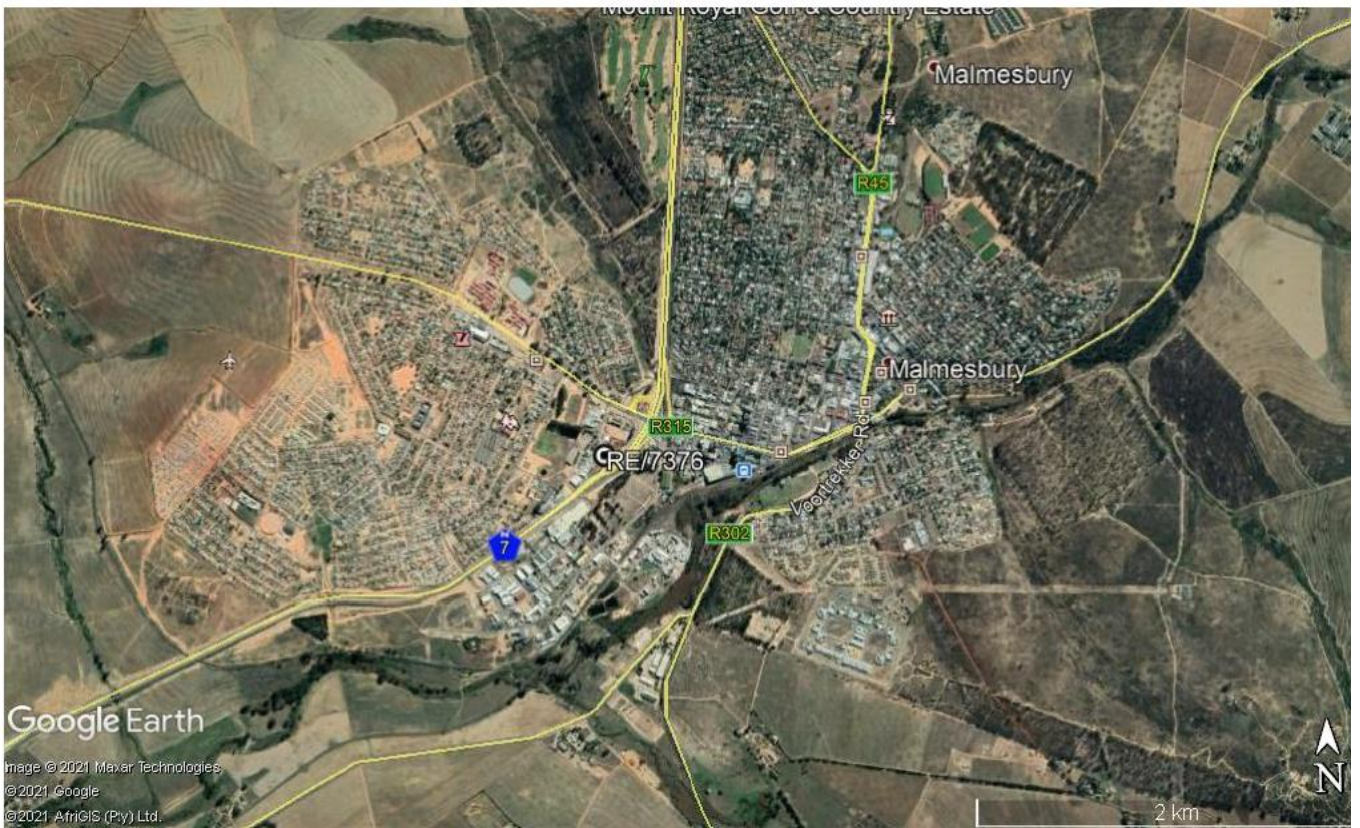
Decision Date: 25 October 2021

Copies to: (1) Ms. J. Pienaar (Enviro-EAP)
(2) Mr. W. Dique (Landowner)
(3) Mr. J. Scholtz (Swartland Municipality)
(4) Mr. E. Roux (DEA&DP: Waste Management)
(5) Mr. D. Daniels (Department of Water and Sanitation)

Email: johmandie@enviro-eap.co.za
Email: willie@willmag.co.za
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Email: etienne.roux@westerncape.gov.za
Email: DanielsD@dws.gov.za

ANNEXURE 1: LOCALITY MAP

The existing abattoir facility on Remainder of Erf 7376, Malmesbury.



Swartland Volstruise Abattoir RE/7376

Legend

□ Erf

Scale: 1:2 592

Date created: February 12, 2021

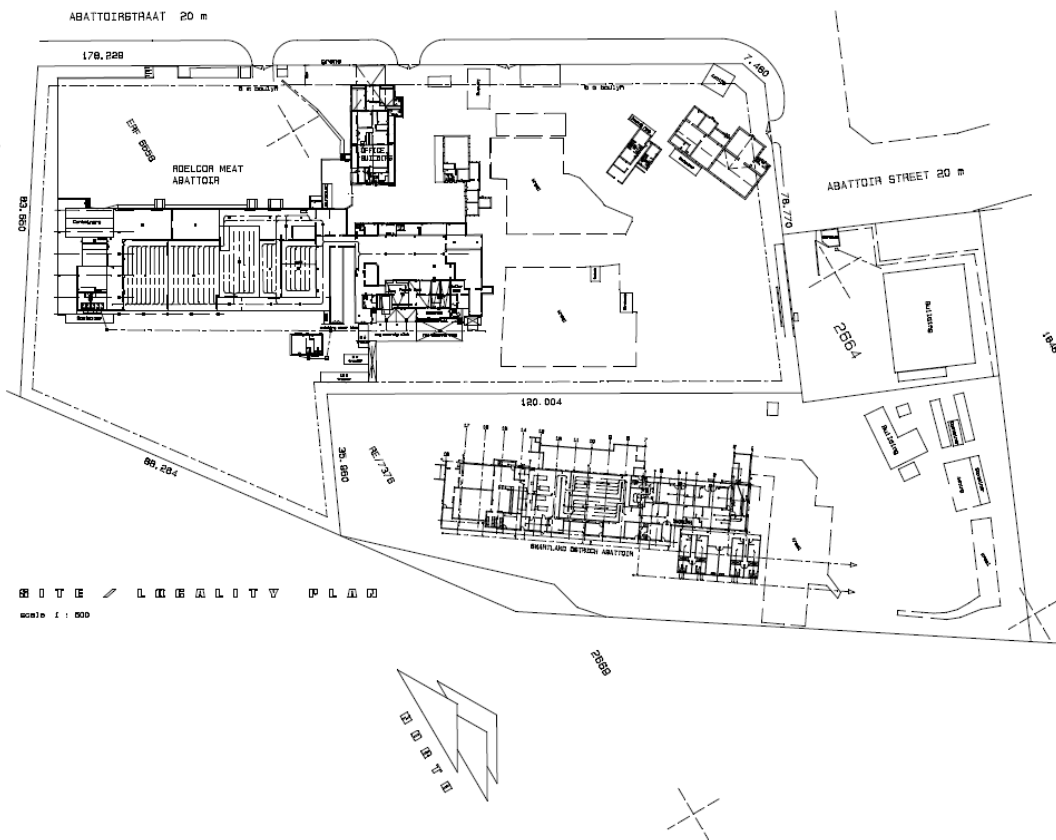
Compiled with CapeFarmMapper



Western Cape Government
Agriculture

ANNEXURE 2: SITE PLANS

Site plan for the proposed development.



erf 5550	
ERF	: 17816,008 sq. ft.
EXTENDED BUILDING	: 3030,189 sq. ft.
EXTENSION	: 22,705 sq. ft.
TOTAL COVERAGE	: 3088,007 sq. ft.
COVERAGE	: 17,855 %
ALTERNATION	: 138,105 sq. ft.
NEW EXTENSION	: 22,705 sq. ft.
TOTAL	: 187,029 sq. ft.

NOT TO BE BUILT UP OF BUILDINGS
ON ERF 5550
TOP
RELCOR
ABATTOIR ROAD
P. O. BOX 802
MILNEBURY
7200

working drawing
SITE/LOCALITY PLAN

WZ 0 318 0 001
SCALE 1:500
DATE 01/01/2018

VAN DER WALT
REGISTERED PROFESSIONAL ARCHITECT
P.O. BOX 802 MILNEBURY 7200
TEL: 082 882 0112 FAX: 082 882 0117
WWW.VAN-DE-WALT.CO.ZA

M. J. VAN DER WALT		REGISTERED ARCHITECT
M. J. VAN DER WALT		REGISTERED ARCHITECT
M. J. VAN DER WALT		REGISTERED ARCHITECT
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M. J. VAN DER WALT		REGISTERED ARCHITECT

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 30 March 2021 and received by the competent authority on 31 March 2021, the BAR dated 05 July 2021 and EMPr dated 02 July 2021 and received by the competent authority on 05 July 2021;
- b) Relevant information contained in the Departmental information base, including, the Guidelines on Public Participation, Alternatives and Exemptions (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 BAR dated 05 July 2021;
- 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") included:

The post-application process for the draft BAR process which entailed the following:

- Identification of and engagement with Interested and Affected Parties ("I&APs");
- Site notices were erected on the site where the listed activity was to be undertaken on 31 March 2021;
- Giving written notice to the owners and occupiers of land adjacent to the site where the listed activities are to be undertaken, the municipality and ward councilor, and the various organs of state having jurisdiction in respect of any aspect of the listed activities on 26 May 2021;
- The placing of a newspaper advertisement in the "Swartland Gazette" on 06 April 2021;
- Placing the draft BAR on the Enviro-EAP's website for review during the 30-day commenting period. <http://www.enviro-eap.co.za/public-participation/>;
- Making the draft BAR available to I&APs for comment from 26 May 2021 to 28 June 2021.

All 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 raised and responses 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 location of the proposed activity is site specific as it must link with the existing abattoir facilities, therefore no other feasible or reasonable location and site alternatives were identified.

The preferred layout alternatives and the "no-go" alternative were identified and assessed.

The Preferred Alternative (Activity Alternative 1) – herewith authorised

The authorised expansion on Remainder of Erf 7376, Malmesbury, entails the increase of animal slaughter units (ostriches) from 80 to 240 units (increase of 160 units). No physical expansion of the facilities is proposed nor any change in processing/production processes which will continue as per current status quo but just with an increase in number of units processed.

Technology to be used in the proposed expansion alternative will be similar to existing technology currently being used at the abattoir facility as the expansion must link in with existing facilities and infrastructure.

The developed footprint of the existing facility and associated infrastructure measures 9239.2m² in extent.

Access to the existing abattoir is off Abattoir Street.

This Alternative has been selected as the preferred alternative as it will make use of existing facilities and infrastructure and the fact that the development is located inside the urban edge and in line with the existing land use.

"No-Go" Alternative

The "no-go" alternative entails maintaining the "status quo". Should the no-go alternative be realised, the site will remain as is and will maintain its current operation as an abattoir.

3. Impact Assessment and Mitigation measures

3.1. Activity Need and Desirability

The proposed abattoir expansion development is in keeping with the Western Cape Spatial Development Framework principles, i.e., proposed industrial development expansion on an existing industrial zoned erf located within the industrial area of Malmesbury.

The proposed abattoir expansion is in line with the Integrated Development Plan policies, spatial priorities, spatial characteristics and Municipal Local Economic Development strategy of the area, given that the expansion of the existing facility that is zoned industrial is already being used for abattoir operations within the industrial area of Malmesbury, and makes optimal use of existing facilities to increase production.

The proposed development will contribute to the local economic development of the area as new permanent jobs will be created during the operation phase which will raise the income potential and skills development of individuals employed as a result of the development.

The following permanent job opportunities are expected to be created during the proposed expansion:

- 2 General cleaning workers;
- 20 General and slaughter line workers;
- 6 General loading workers;
- 5 Drivers; and
- 10 Truck Loaders.

3.2. Groundwater and soil Impacts

The abattoir makes use of the municipal drainage system for the removal of all waste-water used on the premises. The waste-water from the processing areas will be free from solid particles (meat, fat and feathers) by making use of fat traps and solids traps. The waste-water is first collected in an underground pit with different sized screens to trap even more solids. The pit is

sucked clean of the solids two times a week by a SWACO tanker (The tanker is then emptied at DNA Kompos.) to prevent the solids entering the municipal drainage system. From there the filtered effluent is pumped to holding tanks for biological treatment. As the effluent level rises in the tanks it overflows to the municipal drainage system.

Storm water will be collected by means of curbed paved areas, which are sloped towards the drainage points. This will drain to the municipal storm water drainage system. The animal holding pens/lairages is also covered with a roof and wastewater/runoff water from the lairages/holding pens is directed to the facilities closed effluent system.

Mitigation measure to monitor stormwater prior to discharge has been included in the EMPr.

3.3. Noise impacts

A Noise Study (compiled by Enviro Acoustic Research cc (EARES) and dated November 2020) was undertaken to determine the potential noise impacts on the surrounding environment due to proposed expansion of the activities at the Malmesbury Abattoir on Erf 6558, Malmesbury.

Roelcor Malmesbury proposed to increase the total number of slaughter units from 320 to 800 units per day. This is done by optimizing logistics with no physical expansion of the existing facilities.

Conceptual scenarios were developed for the existing and future proposed activities with the output of the modelling exercise indicating a low risk of a noise impact (for both day- and night-time activities). No additional mitigation measures were required as the projected noise levels are low for the activities as conceptualised.

It was concluded that the proposed activities would have no significant impact on the closest potential noise-sensitive receptors. The Specialist recommend that the increase in slaughter units from 320 to 800 units per day be authorised (from a noise impact perspective).

The Noise specialist in their correspondence dated 13 April 2021, indicated that the findings of the Noise Study dated November 2020, for the proposed expansion of the Roelcor Abattoir on Erf 6558, Malmesbury, remains relevant to the proposed Swartland Volstruise abattoir expansion on Remainder of Erf 7376, Malmesbury, and that no new noise impact assessment is required due to the following reasons:

- The development is inside an industrial area, correctly zoned for this purpose;
- The noise generating areas are further than 200m from the closest noise sensitive areas;
- Based on the Roelcor Malmesbury abattoir noise study done a more comprehensive study is not required (due to existing high noise levels from the N7 road); and
- The slaughtering of ostriches is quieter (the slaughter units make less noise than pigs or cows).

Mitigation measures for potential noise impacts have been included in the EMPr.

3.4. Traffic Impacts

A Transport Statement (compiled by Innovative Transport Solutions (Pty) Ltd, dated 20 May 2021) was conducted to investigate the traffic impacts from the proposed expansions to the Roelcor Meat and Ostrich abattoir on Erf 6558 and Remainder of Erf 7376, Malmesbury.

Traffic counts were done at the Darling Road / Abattoir Road intersection on Tuesday, 11 June 2019. Based on site observations as well as the 2021 Existing Traffic capacity analysis results, the specialist found that the Darling Road / Abattoir Street intersection currently operates at acceptable Levels-Of-Service (LOS A), delay (< than 7 seconds) and with sufficient spare (> than 60%) capacity, and that no intersection upgrades are required / proposed, from an intersection capacity point of view.

The 2026 Background Traffic volumes were calculated by escalating the 2021 Calculated Existing Traffic volumes with a 3.5% growth rate over a further five years. Based on the 2026 Background Traffic analysis, the specialist found that the Darling Road / Abattoir Street intersection would continue to operate at acceptable LOS, delay and with sufficient spare capacity.

The trip generation for both the Roelcor Meat and Ostrich abattoir on Erf 6558 and Remainder of Erf 7376, Malmesbury, is expected to generate an additional 14 trips per peak hour.

No additional parking would be required as part of the Ostrich abattoir expansion planned on Remainder of Erf 7376, Malmesbury.

The potential traffic impacts associated with the proposed expansion have been identified in the BAR as being of low negative significance after being mitigated.

3.5. Health impacts

A Health Risk Assessment (compiled by Safety at Work and dated 21 May 2021) indicated that as per the current occupational health and safety risks identified on the site, it is not expected that the daily unit increase will have any significant negative occupational health and safety impacts if continually mitigated as per current risk assessment mitigation measures already implemented on site – with the ongoing implementation of current health risks mitigation measures at the facility the overall health risks impact is rated as Negligible/Low.

3.6. Fire and safety impacts

Potential fire, health and safety impacts associated with the operational phase of the proposed expansion have been identified and assessed. Mitigation measures have been included in the EMPr.

3.7. Dust and odour impacts

Potential dust and odour impacts associated with the operational phase of the proposed expansion have been identified and assessed. Mitigation measures have been included in the EMPr.

3.8. Services

Swartland Municipality has confirmed (in their correspondence dated 23 November 2020) that the Highlands Landfill Site accepts solid waste from the abattoir and that the Municipality also has capacity to accommodate the increase in the refuse drop-off volume.

Swartland Municipality also confirmed (in their correspondence dated 30 April 2021 and 18 May 2021) that there is enough electrical capacity for the proposed expansion and that there is sufficient potable water and effluent treatment capacity available to meet the demand of the proposed production increase.

The development will result in both negative and positive impacts.

Negative Impacts include:

- Potential Increase in contaminated storm water runoff during operation phase;
- Potential Increase in wastewater/effluent produced by the facility during operation phase;
- Potential soil and groundwater contamination during operation phase;
- Potential noise pollution due to increase in abattoir production during operation phase;
- Potential Increase in odour and associated pests; and
- Potential traffic impact due to the increase deliveries to and from the abattoir facility

Positive impacts include:

- The proposed development will provide some employment opportunities during the operation phase; and
- The proposed activity will result in the expansion of the existing abattoir operations allowing increased production and therefore providing an increased positive contribution to the local economy and making optimal use of existing facilities within an industrial area.

4. National Environmental Management Act Principles

The National Environmental Management 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 activities 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 activities can be mitigated to acceptable levels.

You are reminded of your 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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