



**REFERENCE:** 16/3/3/1/F5/16/2004/21  
**NEAS REFERENCE:** WCP/EIA/0000863/2021  
**ENQUIRIES:** RONDINE ISAACS  
**DATE OF ISSUE:** 01 July 2021

## ENVIRONMENTAL AUTHORISATION

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) (“NEMA”) AND THE ENVIRONMENTAL IMPACT ASSESSMENT (“EIA”) REGULATIONS, 2014 (AS AMENDED): PROPOSED EXPANSION OF THE EXISTING ROELCOR ABATTOIR AND ASSOCIATED INFRASTRUCTURE ON ERF NO. 6558, 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 NEMA and the EIA Regulations, 2014 (as amended), the competent authority herewith grants Environmental Authorisation to the applicant to undertake the list of activities specified in Section B below with respect to the preferred alternative as included in the Basic Assessment Report (“BAR”) dated 18 March 2021.

The granting of this Environmental Authorisation (hereinafter referred to as the “Environmental Authorisation”) is subject to compliance with the conditions set out in Section E below.

### A. DETAILS OF THE HOLDER OF THIS ENVIRONMENTAL AUTHORISATION

Roelcor Malmesbury (Pty) Ltd.  
c/o Mr. Christian Faivre  
Abattoir Street  
**MALMESBURY**  
7300

Tel.: (022) 486 1034  
Fax: (086) 560 5091  
E-mail: [foodsafety@roelcor.co.za](mailto:foodsafety@roelcor.co.za)

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



**B. LIST OF ACTIVITIES AUTHORISED**

Listed Activity	Activity/Project Description
<p><b>Listing Notice 1 of the EIA Regulations, 2014 (as amended):</b></p> <p><b>Activity 38:</b>  <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 number of animals to be slaughtered per day will be increased by more than 6 units of red meat.</p>

The abovementioned list is hereinafter referred to as "the listed activity".

The holder is herein authorised to undertake the following related to the listed activity:

The proposed development entails the expansion of the existing Roelcor abattoir Erf No. 6558, Malmesbury. The proposed expansion will result in an increase in the number of animals slaughtered from 320 to approximately 800 units per day.

**C. LOCATION AND SITE DESCRIPTION**

The listed activity will be undertaken on Erf No. 6558, Malmesbury.

The property is located within the existing industrial area in Malmesbury.

The SG 21-digit code is: C04600080000655800000

Co-ordinates:

Latitude: 33° 28' 01.82" S

Longitude: 18° 42' 50.47" E

Refer to Annexure 1: Locality Plan and Annexure 2: Site Plan.

hereinafter referred to as "the site".

**D. DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER ("EAP")**

Enviro-EAP (Pty) Ltd.  
c/o Mr. Nicolaas Hanekom  
P.O. Box 205  
**AGULHAS**  
7287

Cell: 076 963 6450

Fax: (086) 435 4691

E-mail: [nicolaas@enviro-eap.co.za](mailto:nicolaas@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 18 March 2021 on the site as described in Section C above.
2. Authorisation of the activity is subject to compliance with the conditions set out in this Environmental Authorisation. 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.
3. The holder must commence with the listed activity on site within a period of five (5) years from the date of issue of this Environmental Authorisation.
4. The activity that has been authorised may only be carried out at the site described in Section C above in terms of the approved EMPr.
5. Any changes to, or deviations from the scope of the description set out in Section B and Condition 2 above must be accepted or 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 such information 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.

### **Notification of authorisation and right to appeal**

6. The holder of the authorisation 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;
    - 6.1.3 the date of the decision; and
    - 6.1.4 the date of issue of the decision;
  - 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);
  - 6.3 draw the attention of all registered I&APs to the manner in which they may access the decision; and
  - 6.4 provide the registered I&APs with:
    - 6.4.1 the 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;
    - 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).

### **Commencement**

7. The listed activity, including site preparation, must not commence within 20 (twenty) calendar days from the date the applicant notified the registered I&APs of this decision.
8. In the event that an appeal is lodged with the Appeal Administrator, the effect of this Environmental Authorisation is suspended until such time as the appeal is decided. In the instance where an appeal is lodged the holder may not commence with the activity, including site preparation, until such time as the appeal has been finalised and the holder is authorised to do so.

### **Written notice to the competent authority**

9. A minimum of 7 (seven) calendar days' notice, in writing, must be given to the competent authority before commencement of construction activities. Commencement for the purpose of this condition includes site preparation.
  - 9.1 The notice must make clear reference to the site details and EIA Reference number given above.
  - 9.2 The notice must also include proof of compliance with the following conditions described herein:  
Conditions: 6, 7 and 14.

### **Management of activity**

10. The draft Environmental Management Programme ("EMPr") dated 19 March 2021 (as compiled by Enviro-EAP (Pty) Ltd.) and submitted as part of the application for Environmental Authorisation is hereby approved and must be implemented.
11. An application for amendment to the EMPr must be submitted to the competent authority in terms of Chapter 5 of the EIA Regulations, 2014 (as amended) if any amendments are to be made to the outcomes of the EMPr, and these may only be implemented once the amended EMPr has been authorised by the competent authority.
12. The EMPr must be included in all contract documentation for all phases of implementation.
13. A copy of the Environmental Authorisation and the EMPr must be kept at the site where the listed activity will be undertaken. Access to the site referred to in Section C above must be granted and, the Environmental Authorisation and EMPr 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. The Environmental Authorisation and EMPr must also be made available for inspection by any employee or agent of the applicant who works or undertakes work at the site.

### **Monitoring**

14. The holder must appoint a suitably experienced Environment Control Officer ("ECO"), for the duration of the construction phase to ensure compliance with the

provisions of the EMPr and the conditions contained in this Environmental Authorisation.

The ECO must–

- 14.1 be appointed prior to commencement of any construction activities commencing;
- 14.2 ensure compliance with the EMPr and the conditions contained herein;
- 14.3 keep record of all activities on site; problems identified; transgressions noted, and a task schedule of tasks undertaken by the ECO;
- 14.4 remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed;
- 14.5 provide the competent authority with copies of the ECO reports within 30 days of the project being finalized; and
- 14.6 conduct monthly site inspections during the construction phase.

### **Environmental audit reports**

15. The holder must, for the period during which the Environmental Authorisation and EMPr remain valid -
  - 15.1 ensure that the compliance with the conditions of the Environmental Authorisation and the EMPr is audited;
  - 15.2 submit an environmental audit report two months after commencement of the construction phase to the relevant competent authority and submit an Environmental Audit Report to the Competent Authority upon the completion of the construction phase; and
  - 15.3 thereafter submit an environmental audit report every five (5) years while the Environmental Authorisation remains valid.
16. The environmental audit reports must be prepared by an independent person with the necessary expertise and must address the objectives and contain all the information set out in Appendix 7 of the EIA Regulations, 2014 (as amended).

In addition to the above, the environmental audit report, must -

- 16.1 provide verifiable findings, in a structured and systematic manner, on–
    - (a) the level of compliance with the conditions of the Environmental Authorisation and the EMPr and whether this is sufficient or not; and
    - (b) the extent to which the avoidance, management and mitigation measures provided for in the EMPr achieve the objectives and outcomes of the EMPr and highlight whether this is sufficient or not;
  - 16.2 identify and assess any new impacts and risks as a result of undertaking the activity;
  - 16.3 evaluate the effectiveness of the EMPr;
  - 16.4 identify shortcomings in the EMPr;
  - 16.5 identify the need for any changes to the avoidance, management and mitigation measures provided for in the EMPr;
  - 16.6 indicate the date on which the construction work was commenced with and completed or in the case where the development is incomplete, the progress of the development and rehabilitation;
  - 16.7 include a photographic record of the site applicable to the audit; and
  - 16.8 be informed by the ECO reports.
17. The holder must, within 7 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 anyone on request and, where the holder has such a facility, be placed on a publicly accessible website.

### **Specific conditions**

18. Surface or ground water must not be polluted due to any actions on the site. The applicable requirements with respect to relevant legislation pertaining to water must be met.
19. An integrated waste management approach, which is based on waste minimisation and incorporates reduction, recycling, re-use and disposal, where appropriate, must be employed. Any solid waste must be disposed of at a waste disposal facility licensed in terms of the applicable legislation.
20. Should any heritage remains be exposed during excavations or any actions on the site, these must immediately be reported to the Provincial Heritage Resources Authority of the Western Cape, Heritage Western Cape (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from Heritage Western Cape. Heritage remains include archaeological remains (including fossil bones and fossil shells); coins; indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artifacts and bone remains; structures and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials.

A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.

21. The holder of the Environmental Authorisation must, at all times, ensure that the activities comply with the Noise Regulations in terms of the relevant legislation.
22. The requirements of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), must be adhered to.

### **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. If the holder does not commence with the listed activity within the period referred to in Condition 3, this Environmental Authorisation shall lapse for the 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.
3. The holder must submit an application for amendment of the Environmental Authorisation 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.

4. The manner and frequency for updating the EMPr is as follows:  
Amendments to the EMPr, other than those mentioned above, must be done 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.
5. Non-compliance with a condition of this Environmental Authorisation or EMPr may render the holder liable to criminal prosecution.

## F. APPEALS

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

1. An appellant (if the holder of the decision) must, within 20 (twenty) calendar days from the date notification of the decision was sent to the holder by the competent authority -
  - 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 and the responding statement must be submitted to the address listed below:

By post:            Attention: Mr. Marius 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. Marius Venter (Tel: 021 483 3721)  
Room 809  
8<sup>th</sup> Floor Utilitas Building, 1 Dorp Street, Cape Town, 8001

**Note:** For purposes of electronic database management, you are also requested to submit electronic copies (Microsoft Word format) of the appeal, responding statement and any supporting documents to the Appeal Authority to the address listed above and/ or via e-mail to [DEADP.Appeals@westerncape.gov.za](mailto:DEADP.Appeals@westerncape.gov.za).

5. A prescribed appeal form as well as assistance regarding the appeal processes is obtainable from Appeal Authority at: Tel. (021) 483 3721, E-mail [DEADP.Appeals@westerncape.gov.za](mailto:DEADP.Appeals@westerncape.gov.za) or URL <http://www.westerncape.gov.za/eadp>.

## G. DISCLAIMER

The Western Cape Government, the Local Authority, 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 appreciated.

Yours faithfully

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**MR. ELDON VAN BOOM**  
**ACTING DIRECTOR: DEVELOPMENT MANAGEMENT (REGION 1)**

**DATE OF DECISION:** 30 June 2021

CC: (1) Mr. Nicolaas Hanekom (Enviro-EAP (Pty) Ltd.)  
(2) Mr. Alwyn Burger (Swartland Municipality)

E-mail: [nicolaas@enviro-eap.co.za](mailto:nicolaas@enviro-eap.co.za)  
E-mail: [alwynburger@swartland.org.za](mailto:alwynburger@swartland.org.za)

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### ANNEXURE 1: LOCALITY PLAN





### **ANNEXURE 3: REASONS FOR THE DECISION**

In reaching its decision, the competent authority, *inter alia*, considered the following:

- a) The information contained in the Application Form received by the competent authority on 25 January 2021; the BAR dated 18 March 2021; the EMPr submitted together with the BAR; and the comment from the Western Cape Department of Agriculture received by the competent authority on 26 April 2021;
- b) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the NEMA;
- c) The comments received from I&APs and the responses provided thereon, as included in the BAR dated 24 March 2021;
- d) 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 comprised of the following:

- A notice was placed on site on 11 February 2021;
- E-mails were sent on 12 February 2021 to advise I&APs about the availability of the draft BAR;
- Letters were posted via registered mail on 15 February 2021 to adjacent landowners;
- Copies of the draft BAR were posted to State Departments on 15 February 2021;
- An advertisement was placed in the "Swartland Gazette" newspaper on 16 February 2021;
- An electronic copy of the draft BAR was made available on the website of Enviro-EAP (Pty) Ltd.;
- Follow up e-mails were sent on 10 March 2021 to remind I&APs of the due date for submission of comments on the draft BAR; and
- The draft BAR was made available from 12 February 2021 until 15 March 2021.

#### **Authorities consulted**

The authorities consulted included the following:

- Department of Environmental Affairs and Development Planning ("DEA&DP"): Pollution & Chemicals Management;
- DEA&DP: Waste Management;
- DEA&DP Air Quality Management;
- Western Cape Department of Agriculture;
- Heritage Western Cape;
- National Department of Agriculture, Forestry and Fisheries;
- Swartland Municipality;
- West Coast District Municipality;
- Department of Water and Sanitation;
- Department of Health; and
- CapeNature.

The competent authority is satisfied that the Public Participation Process that was followed met the minimum legal requirements. All the comments and responses that were raised were responded to and included in the BAR.

## 2. Alternatives

The abattoir is an existing facility, therefore no site alternatives are available. The abattoir will continue with its existing operations; therefore layout alternatives were not investigated. Similar technology used at the existing facility will be utilised and as such, no additional alternatives were considered.

### Preferred layout alternative – herewith authorised:

The preferred alternative entails the expansion of the existing Roelcor abattoir on Erf No. 6558, Malmesbury. The proposed expansion will result in an increase in the number of animals slaughtered from 320 to 800 units per day.

This is the preferred alternative as it will make use of the existing infrastructure available and optimise operations at the facility. The Swartland Municipality confirmed that the necessary services can be provided to accommodate the increased number of animals to be slaughtered.

### "No-Go" Alternative:

This alternative entails maintaining the *status quo* and as such, the abattoir will not be expanded. This alternative was not deemed as preferred as no construction activities will be undertaken and existing infrastructure will be used.

## 3. Impacts, assessment and mitigation measures

### 3.1 Activity Need and Desirability

The proposed expansion is in line with the Swartland Municipality Spatial Development Framework, as the abattoir is located on a property used for abattoir operations, and zoned for industrial use within the Malmesbury industrial area. The proposed development will support the local industrial industry and create additional and job opportunities within the area.

The proposed development will have a positive impact as it will increase the job security of the employees, as well as the financial stability of the holder.

### 3.2 Biophysical impacts

The site is completely transformed and is located inside an existing building located in the industrial area. The site is zoned Industrial for use as an abattoir. No environmental sensitivities are present on the site. No significant impacts on biophysical elements are therefore anticipated due to the proposed development.

### 3.3 Waste impacts

The proposed development will be a closed system, i.e., waste water or effluent is contained in a closed system and discharged into the municipal sewage system.

Blood, manure, stomach content and meat off-cuts are transported to and disposed of at the licensed DNA Composting Facility located outside Malmesbury. The daily volume of solids (manure, stomach content and meat off-cuts) is approximately a 20m<sup>3</sup> skip/day. The daily volume of liquid (blood) is approximately a 12m<sup>3</sup> tank/day. The volumes are disposed of on a daily basis from Monday to Friday at the DNA Composting Facility. The

waste volumes are for the two abattoirs situated next to each other, i.e., Roelcor Abattoir and Swartland Volstruise Abattoir, which are both managed by Roelcor.

### 3.4 Traffic impacts

A Transport Statement dated 27 November 2020 was compiled by Innovative Transport Solutions to advise on the anticipated traffic impacts of the proposed development on the surrounding road network.

The existing Roelcor abattoir is located in the south-west quadrant of the N7 Freeway/Darling Road/Bokomo Road interchange, in Malmesbury.

Access to Erf No. 6558 is currently possible from the following locations:

- Access A: this main access is closed at all times and only open when trucks enter or exit the site, to deliver livestock.
- Access B: the maintenance workshop access is closed with a locked gate. No vehicles enter or exit this access during the peak hour.
- Access C: this water tank storage access is closed with a locked gate and only used for maintenance purposes or in the event of a fire emergency.
- Access D: this chemicals & gas storage access is closed with a locked gate and only used occasionally throughout the year when chemicals or gas is delivered or when maintenance work is required to the generator.
- Access E: this meat collection access is security controlled and only opened when trucks enter or exit the site, to collect meat for distribution.

#### Current operations:

Many pedestrians and some cyclists travel along Abattoir Street between Wesbank and the Malmesbury Central Business District. Pedestrians walk on the gravel verges as well as the road surface and cyclists use the road surface. The majority of pedestrians entering the Roelcor premises walk from Wesbank and enter the site at the security-controlled pedestrian gate at Access E. Only a few pedestrians enter the site at the pedestrian gates at Access F.

Traffic volumes in Abattoir Street are relatively low (less than 155 vehicles/hour/direction). No movement of vehicles/trucks are observed at Access B, C or D. Upon arrival, trucks are parked at the pickup points at Access E and make several different movements in and around the site, as follows:

- Trucks travel between Access E and F, since pig meat is collected from Access A and ostrich/beef is collected from Access F; and
- Trucks depart from Access E or F, to distribute the various meat products.

The cars of some staff members are parked along the Abattoir Street verge, between Access D and Access E. A few small pickup trucks enter/exit at Access A. A forklift, as well as front loader tractor (carrying 20-liter drums), drive between Access A and F, at several times. Some taxis drop off or collect staff members working at the Municipal Workshop, opposite Access B.

#### 2020 existing traffic conditions:

The Darling Road/Abattoir Street intersection currently operates at acceptable levels of service, and with sufficient spare capacity. Hence, no intersection upgrades are currently required from an intersection capacity point of view.

2023 background traffic conditions:

The Darling Road/Abattoir Street intersection will continue to operate at acceptable levels of service and with sufficient spare capacity. Hence, no intersection upgrades are required from an intersection capacity point of view.

The increase in production at the Roelcor abattoir will result in an additional 14 vehicle/truck trips per day. These trips are not generated during the peak traffic periods, but instead spread out throughout the full workday. Approximately 70% of all trips is southbound to/from the direction of Cape Town and the remaining 30% is northbound to/from the direction of Moorreesburg.

2023 total traffic conditions:

The Darling Road/Abattoir Street intersection will continue to operate at acceptable levels of service and with sufficient spare capacity. The expected traffic impact from the increase in production at the Roelcor abattoir will be relatively insignificant, from a transport point of view. Hence, no intersection upgrades are required.

A new access is proposed from Abattoir Street to reduce conflict at the existing Access A and to enable improved on-site circulation. The new access is proposed between the existing Access B and C. Trucks delivering livestock will enter the site at this new access (i.e., Access G) and exit the site at the existing Access A, after off-loading livestock at the kraals and cleaning the truck at the truck washing point.

An additional two private vehicles parking bays will be required. These two vehicles will easily be accommodated within the Abattoir Road verge, between Access D and E.

Due to theft and security concerns, general parking is not allowed within the Roelcor property. Visitors/employees of all other businesses located along Abattoir Street park within the road verge. Sufficient parking is thus available within Abattoir Street.

The transport impacts expected as part of the proposed increase in production at the Roelcor abattoir will be relatively insignificant.

### 3.5 Noise impacts

A Noise Impact Assessment ("NIA") was conducted by Enviro Acoustic Research and a report dated November 2020 compiled.

Existing noise levels:

Activities at the abattoir generally start at around 4 am in the morning, a period defined as night-time by SANS 10103:2008. The Noise Impact Assessment thus mainly focused on the night-time period for the following reasons:

- The desired noise limit for the night-time period at 45dBA is 10dBA less than the noise limit considered acceptable for the daytime period;
- Receptors are generally more sensitive to noises during the night-time period;
- Traffic data indicate that traffic volumes start to increase after 4 am in the morning, with noise levels due to traffic noises increasing as the day progress; and
- It allows for the evaluation of a potential worst-case scenario.

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 is thus required as the projected noise levels are low for the activities. The proposed activity will not have a significant impact on the closest potential noise-sensitive receptors. No additional acoustical studies are therefore required, nor any future noise monitoring.

### 3.6 Health impacts

A Health Risk Assessment was conducted by Safety@Work dated 06 November 2020.

The assessment concluded that, as per the current occupational health and safety risks identified on the site, the proposed expansion is not expected to have a significant negative occupational health and safety impact, if mitigated as per the current risk assessment mitigation measures that are currently implemented on the site. With the ongoing implementation of mitigation measures at the facility, the overall health risk impact is rated as negligible/low.

Roelcor Malmesbury subscribes to a health, safety and environmental management system, a globally harmonised programme, which is managed by Safety@Work. The programme has been implemented and maintained for the past four (4) years. There are no health-related aspects which will negatively impact on the environment.

### 3.7 Odour impacts

The current standard operating procedures to control and prevent odours will continue to be implemented. Should any offensive odours be produced at the facility, the management will implement additional odour control measures, as required.

### 3.8 Noise impacts

Potential noise impacts are anticipated during the construction phase. However, no significant potential noise impacts are anticipated as these impacts 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:**

- Potential traffic impacts.
- Potential health and odour impacts.

#### **Positive impacts:**

- Some employment opportunities will be created during the operational phase of the development.
- An increased contribution to the local economy.
- Making optimal use of existing facilities within an industrial area.

### **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.

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 NEMA and that any potentially detrimental environmental impacts resulting from the listed activity 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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