

CONSTRUCTION OF AN ASPHALT PLANT ON PORTION 8 OF FARM 1098, HOOGGEKRAAL, DURBANVILLE, WESTERN CAPE PROVINCE.

ENVIRONMENTAL AUDIT REPORT



| | |
|----------------------|-------------------|
| CASE NUMBER: | 70470602 |
| AUDIT PERIOD: | March 2021 |

PREPARED FOR:

National Asphalt
Contact Person: Neels Smith
Tel: 012 562 9500
Cell: 082 410 9610

Postal Address:
Portland Quarry
2 Vissershok Road, Durbanville
Cape Town
7550



PREPARED BY:

Greenmined Environmental
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1. PROJECT SPECIFIC DETAIL

| ITEM | National Asphalt plant – construction phase |
|----------------------|----------------------------------------------------------------------------------|
| Company Name | National Asphalt (Pty) Ltd |
| Contact Person | Mr. Neels Smith |
| Tel Number | 012 562 9500 |
| Cell Number | 082 410 9610 |
| E-mail Address | neels@nationalasphalt.co.za |
| Postal Address | Portland Quarry Vissershok Road Durbanville Cape Town 7550 |
| ITEM | CONSULTANT DETAIL |
| Company Name | Greenmined Environmental |
| Contact Person | Ms. Murchellin Saal |
| Tel Number | 021 851 2673 |
| Cell Number | 079 979 8766 |
| E-mail Address | murchellin.s@greenmined.co.za |
| Postal Address | Postnet Suite 62 Private Bag x15 Somerset West 7129 |
| ITEM | LOCATION AND AREA INFORMATION |
| Site Name | PORTLAND QUARRY |
| Property Description | Portion 8 of Farm 1098, Hooggekraal, Durbanville |
| Construction size | Asphalt Plant 2812m ² |



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2. ENVIRONMENTAL AUDIT REPORT

PROJECT DETAIL

| | | | |
|-----------------------|---------------------------------------------------------|------------------------------|-----------------------------------------------------------------------|
| Case number | 70470602 | Date of commencement: | 30 October 2020 |
| Site name: | Portland Quarry | Inspection date: | 9 March 2021 |
| Right Holder: | National Asphalt (Pty) Ltd | Other authorisations: | Consent letter COCT 20 September 2020 DEA&DP (EA) 25 March 2020 |
| Report number: | 5 -Final report based on only construction of new plant | | |

DETAIL OF AUDITOR

(APPENDIX 7 SUB-REGULATION 3(A) & (B)):

| | |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ECO: | Murchellin Saal |
| Expertise: | Mrs. MD Saal has 8 years of experience in environmental legal compliance audits, (GIS) geographic information system, mining right and permit applications and applications for environmental authorisations & Water use applications. |
| Declaration of independence: | <p>I Murchellin Saal declare that –</p> <ul style="list-style-type: none"> • I act as independent environmental control officer in this compliance audit; • I will perform the work relating to the audit in an objective manner, even if the results and findings are not favourable to the holder of the approval; • I have expertise in conducting environmental compliance audits, including knowledge of the Act and regulations that have relevance to the activity; • I will adhere to and comply with all responsibilities as indicated in the National Environmental Management Act and Environmental Impact Assessment Regulations. • I do not have and will not have any vested interest in the activity other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014 (as amended 2017). <p align="right">Signature of ECO Date: 9 March 2021</p> |



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SCOPE & PURPOSE OF ENVIRONMENTAL AUDIT

(APPENDIX 7 SUB-REGULATION 3(C)):

This environmental audit report for the construction area was compiled in terms of the requirements of the NEMA EIA Regulations, 2014 (as amended 2017).

OBJECTIVE:

The objective of the Environmental Audit Report (EAR) is to evaluate compliance of the construction activities with the approval as approved by the City of Cape Town and DEAD&DP.

INSPECTED AREAS OF CONSTRUCTION PHASE:

The inspection included an assessment of the Asphalt Plant Construction Area.

ASSUMPTIONS, UNCERTAINTIES OR GAPS IN KNOWLEDGE

(APPENDIX 7 SUB-REGULATION 3(F)):

The assumptions made in this document, stem from specific information gathered during the site audit and background information gathered from the applicant. No uncertainties or gaps in knowledge could be identified that is applicable during this audit period.

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LOCATION

| | | |
|--------------------------|------------------------------------------------------------------------------------|----------------|
| Site location: | The site is located on a Portion 8 of Farm 1098, Hooggekraal, Durbanville. | |
| Site map: |  | |
| Site coordinates: | A 33°46'11.56"S | 18°34'9.149"E |
| | B 33°46'14.089"S | 18°34'10.119"E |
| | C 33°46'13.569"S | 18°34'13.309"E |
| | D 33°46'14.65"S | 18°34'14.779"E |
| | D 33°46'13.949"S | 18°34'16.25"E |
| | F 33°46'11.88"S | 18°34'14.059"E |

PROJECT DESCRIPTION

The construction of an asphalt plant 2812m² on portion 8 of farm 1098, Hooggekraal, Durbanville, Western Cape Province. The proposed project will entail the refurbishing of the plant by replacing old technology components with latest technology components. A second, mobile asphalt plant, consisting of similar new technology components, will be erected on the extended portion of the property to ensure a continuous supply of asphalt to on-going road projects, while the refurbishing of the existing plant is taking place. On completion of the refurbishing the refurbished plant will be erected adjacent to the mobile plant on the extended portion of the property. This report is only based on the construction of activities.

SITE CONDITIONS

Dark cloudy and windy weather conditions



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REPORTABLE ENVIRONMENTAL INCIDENTS

| | |
|-----------------|-------------------------------------------------------------|
| Incident date: | The site has a register in place in the event of incidents. |
| Incident no: | |
| Incident: | |
| How addressed: | |
| When addressed: | |

ADOPTED METHODOLOGY
(APPENDIX 7 SUB-REGULATION 3(D)):

| COMPLIANCE SCORE | DESCRIPTION |
|------------------|-----------------------------------------------|
| 1 | Task not achieved |
| 2 | Task 20% achieved |
| 3 | Task 50% achieved |
| 4 | Task 80% achieved |
| 5 | Task 100% achieved in accordance with the EMP |

| NON-COMPLIANCE SCORE | DESCRIPTION |
|----------------------|---------------------------------------------------------------------------|
| 1 | LOW – Mitigation not needed / mitigation measures to be maintained |
| 2 | MEDIUM – Mitigation should be considered |
| 3 | HIGH – Mitigation compulsory |



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INSPECTION ASPECTS

| DESCRIPTION | COMPLIANCE SCORE | NON-COMPLIANCE SCORE | STATUS | COMMENTS |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------|
| LEGISLATION COMPLIANCE: | | | | |
| National Environmental Management Act, 1998 (Act No 107 of 1998) and the Environmental Impact Assessment Regulations, 2014 (as amended 2017) | 5 | - | Compliant | The competent authority deems the approved EMPR compatible with an Environmental Authorisation in terms of NEMA, 1998. |
| Environmental Management Section 39 (Deals with the requirements of an EMP/EMPR, whichever is applicable.) | 5 | - | Compliant | |
| Proof of Approval letter received from City of Cape Town. | 5 | - | Compliant | Copy available at site office. |
| National Water Act, 1998 (Act 36 of 1998) | 5 | - | Compliant | Rain water collected at the site office will be used for dust suppression. |
| National Environmental Management: Protected Areas Act, 2003 (Act No 57 of 2003) | 5 | - | Compliant | |
| National Environmental Management: Waste Act, 2008 (Act No 59 of 2008) | 5 | - | Compliant | |
| Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983) & National Environmental Management: Biodiversity Act, 2004 (Act No 10 of 2004) | 5 | - | Compliant | |
| Hazardous Substances Act, 1973 (Act 15 of 1973) | 5 | - | Compliant | |
| Municipal Planning By-Law, 2015 | 5 | - | Compliant | |
| Notify Registered I&AP's and make ECO reports available on public website. | 5 | - | Compliant | Reports are available on the website www.greenmined.com Interested parties were all notified. |
| CONSTRUCTION PHASE | | | | |
| SOIL MANAGEMENT (EMP PG. 19) | | | | |
| Any development on open soil areas should be prohibited. | 5 | - | Compliant | |



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| DESCRIPTION | COMPLIANCE SCORE | NON-COMPLIANCE SCORE | STATUS | COMMENTS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------|
| Storage of dangerous goods should be banded, either with permanent or temporary banded storage facility. | 5 | - | Compliant | The concrete flooring has been installed and bund walls are in place. Currently no dangerous goods are stored. |
| Drip trays to be used at all dangerous good decanting points. | 5 | - | Compliant | |
| Spill kits should be made available to clean small spillages. | 5 | - | Compliant | A Spill kit is placed centrally on site. |
| Areas should be compacted/paved to prevent leaching of dangerous goods into sub-soils | 5 | - | Compliant | The approved and fenced area has been compacted with recycled asphalt. |
| Storm water system must be developed to prevent erosion. A non-permeable berm should be constructed on the perimeter of the site as to contain storm water generated on site and prevent storm water generated outside the site to flow through the site. | 5 | - | Compliant | Berms have been erected surrounding the perimeters of the site. The Storm water management plan is implemented by an Engineer. |
| NOISE CONTROL (EMP PG. 21) | | | | |
| Construction equipment and vehicles maintained and inspected to ensure acceptable noise levels. | 5 | - | Compliant | |
| Combustion engines fitted with noise abating filter systems | 5 | - | Compliant | |
| Construction noise limited to working hours (8:00 – 17:00 Mondays – Fridays) | 5 | - | Compliant | |
| No Weekend work allowed during construction phase. | 5 | - | Compliant | |
| AIR QUALITY (EMR PG. 22) | | | | |
| Ensure any dust emissions are managed in compliance with air quality | 5 | - | Compliant | Excessive dust will be managed by water truck and wetting roads. Client has also implemented dust monitoring. |
| Fall out dust must be minimized by wetting of road surfacing | 5 | - | Compliant | Rain water collected at the office area will be used to prevent excessive dust. Client has also implemented dust monitoring. |



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| DESCRIPTION | COMPLIANCE SCORE | NON-COMPLIANCE SCORE | STATUS | COMMENTS |
|-----------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aggregate stock piles must be covered with tarpaulins when not in use | N/A | N/A | N/A | No aggregate stock piles was stockpiled during construction phase. |
| Calibration of equipment must be done to ensure maximum efficiency and minimum emissions. | N/A | N/A | N/A | Calibration will only be applicable when operational phase starts. |
| Access road and site surface should be regularly wetted to prevent excessive dust. | 5 | - | Compliant | A water truck is used for dust suppression on the entire Portlands Quarry Access roads. |
| WASTE HANDLING (EMP PG. 20) | | | | |
| Waste bins and skips to contain general waste on site | 5 | - | Compliant | Two general waste bins are placed on site and cleaned regularly. |
| Separate bins should be marked for specific waste. | 5 | - | Compliant | No Hazardous waste is generated during construction phase. Two general waste bins and oil spill kit bin is placed on site and cleaned regularly by Averda. |
| Waste bins and skips must be regularly emptied and waste disposed of. | 5 | - | Compliant | The appointed contractor for removal of all related waste is the Waste management service, Averda. |
| Recycling of general waste enforced. | 5 | - | Compliant | The site has a waste contractor employed and does in general adhere to recycling. |
| HAZARDOUS WASTE (EMP PG. 20) | | | | |
| Hazardous waste containment area should be demarcated | 5 | - | Compliant | A concrete floor is installed for the hazardous area, with two separate bund walls which will demarcate the paraffin and diesel from the rest. |
| Bins for hazardous disposal should be centrally placed on site | 5 | - | Compliant | Very little to no hazardous waste is generated during construction, however a spill kit is centrally placed on site. |
| Bins should be regularly emptied into skips in the demarcated area. | 5 | - | Compliant | The Site has an appointed waste management service, Averda who will be responsible for all waste related removals. |
| Hazardous waste collection and disposal service provider should be contracted and waste disposal documentation filed. | 5 | - | Compliant | The appointed contractor for removal of all related waste is the Waste management service, Averda. |
| WASTE EFFLUENT (EMP PG. 20-21) | | | | |
| Contaminated effluent /waste should be contained on site and disposed of as hazardous waste. | 5 | - | Compliant | The Berms surrounding the site ensures for containment and no run off water. |
| SEWAGE (EMP PG 21) | | | | |

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| DESCRIPTION | COMPLIANCE SCORE | NON-COMPLIANCE SCORE | STATUS | COMMENTS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical toilets should be used on the interim. while sewage tank is being installed) | 5 | - | Compliant | Construction completed and chemical toilet removed. The workers on site used the toilets at the current office area. When operation starts chemical toilets will be brought and placed on the concrete flooring already in place. |
| Disposal cleaning records kept, regular servicing and maintenance. | 5 | - | Compliant | All records will be kept in site file. |
| Sewage disposal by a certified service provider, | 5 | - | Compliant | Averda is the appointed waste management service. Proof of waste contractor attached. |
| WATER MANAGEMENT (EMP PG. 23) – SURFACE WATER | | | | |
| Berms must be constructed on perimeter of site to prevent dirty water entering and exiting the site. | 5 | - | Compliant | Berms were neatly constructed around the site. |
| Storm water created on site must be slowed by constructing berms/channels perpendicular to the water flow to prevent erosion. | 5 | - | Compliant | Berms and Channels are all in place. |
| Stormwater created on site must be guided into water retention ponds be monitored and treated if necessary , before being released. | 5 | - | Compliant | Retention ponds completed, photographs included in photo report. |
| If a workshop or washing bay is constructed at the asphalt plant the effluent must pass through an oil trap and treated before released into the natural environment. | 5 | - | Compliant | Oil trap completed clear photographs included in photo report.. |
| Best environmental technologies and practices with regards to oil traps must be implemented. | 5 | - | Compliant | |
| WATER MANAGEMENT (EMP PG. 24) – GROUNDWATER | | | | |
| Site surface must be compacted and or paved to prevent leaching of contaminated effluent into soil and ground water. | 5 | - | Compliant | Approved and fenced area is compacted with recycled asphalt. |
| Hydrocarbon spills cleaned immediately. | 5 | - | Compliant | No spills seen during inspection. |
| WATER USAGE (EMP PG. 24) | | | | |
| Municipal water use for consumption | 5 | - | Compliant | |
| Domestic water – municipal source | 5 | - | Compliant | |



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| DESCRIPTION | COMPLIANCE SCORE | NON-COMPLIANCE SCORE | STATUS | COMMENTS |
|----------------------------------------------------------------------------------------------------------------------|------------------|----------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dust Suppression – Water from the Quarry | 5 | - | Compliant | The Quarry has an Authorisation in place for dust suppression and uses a water truck to wet all internal access roads. |
| PROTECTION OF FAUNA (EMP PG. 25) – NO NATURAL VEGETATION EXIST ON SITE. | | | | |
| All animals, birds and reptiles protected on site | 5 | - | Compliant | |
| Operational areas daily inspected for signs of trapped animals | 5 | - | Compliant | |
| Control alien vegetation | 5 | - | Compliant | |
| STOCKPILE MANAGEMENT (EMP PG. 26) | | | | |
| Manage stockpile in suitable manner | 5 | - | Compliant | The material Stockpiles will be managed in the most suitable manner. |
| Cleared of vegetation at all times | 5 | - | Compliant | |
| Internal roads between stockpiles wetted to prevent excessive dust. | 5 | - | Compliant | Dust suppression is done on all the access roads within the Portlands Quarry. |
| Positioned and sloped to create the least visual impact | 5 | - | Compliant | |
| Monitored and maintained to avoid erosion of material and contamination of surrounding environment. | 5 | - | Compliant | |
| VISUAL MANAGEMENT (EMP PG. 26) | | | | |
| Ensure mechanical equipment is maintained and operated at maximum efficiency. | 5 | - | Compliant | |
| Strategically place lighting for night time operations | 5 | - | Compliant | |
| Cover perimeter fencing with green shade netting as a visual barrier and curb wind-blown dust. | 4 | 1 | Partially Compliant | The client has installed an electrical fence and therefore will be unable to use a shade netting as required. However, as part of the landscaping the trees will be planted as a visual barrier and will also assist with windblown dust. Client has also started dust monitoring. |
| Plant indigenous trees on the perimeter of site and access road to act as natural barrier and enhance the appearance | 1 | 3 | Non-Compliant | As part of the conditions landscaping must be phased in as per landscaping plan. Due to planting seasons the client requested extension which was granted by H&EM until 4 May 2021. |



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| DESCRIPTION | COMPLIANCE SCORE | NON-COMPLIANCE SCORE | STATUS | COMMENTS |
|------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | <ul style="list-style-type: none"> • Carpobrotus Edulis (cape Fig) hydroseeding during the onset of the wet season • Olea Europaea Trees 32 x 1.8m tall spaced maximum 12m apart – phasing 1 year • Olea Europaea Trees 250 x 1.8m tall spaced maximum 12m apart – phasing 50 trees/ year over a 5 year period |
| SAFETY (EMP PG. 27 -28) | | | | |
| 24 hour security on premises | 5 | - | Compliant | The premises share a 24hour security. |
| Manage access control | 5 | - | Compliant | Access managed at main entrance gate a covid 19 screening is also done at the point of entry. |
| Induction training to all employees and visitors | 5 | - | Compliant | Proof of induction filed in site file. |
| Provide employees and visitors with PPE | 5 | - | Compliant | All employees wear PPE. |
| Covid-19 health and safety precautions are being taken Wearing of masks, provision of hand sanitiser, checking of temperature etc. | 5 | - | Compliant | Covid 19 screening is done on all employees and visitors before entering the Portlands Quarry area. The workers at the site wear masks and are encouraged to regularly wash their hands. |
| PROTECTION OF HERITAGE ASPECTS | | | | |
| Heritage resources, artefacts, graves or other discoveries demarcated and work stopped until area cleared for work | 5 | - | Compliant | |
| CITY OF CAPE TOWN APPROVAL CONDITIONS | | | | |
| Developer pay development charge | 5 | - | Compliant | |



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COMMENTS OR COMPLAINTS RECEIVED FROM I&AP'S
(APPENDIX 7 SUB-REGULATION 3(G) & (J)):

No written environmental related complaints were received during the audit period from January to March 2021.

AUDITING OF EA, EMPR AND REPORTING THEREOF
(REGULATION 34):

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| EAR/EPA compiled by independent person with environmental auditing expertise: | The final EAR for construction phase was compiled by Mrs. Murchellin Saal from Greenmined Environmental. |
| Potential and registered I&AP's notified within 7 days of the submission date, and report available on publicly accessible website | Reports are available on the website www.greenmined.com All affected Interested parties were notified. |

GENERAL REPORT

Compliance of the **construction phase** with the overarching EMP of the National Asphalt Plant was reviewed during the site assessment. The contractor recorded a compliance score of 98% for the month of March 2021.

Greenmined Environmental was appointed to do Environmental Audit Reporting on the Construction phase. Construction and implementation of new plant is completed. Therefore, this document serves as the Final Environmental Audit Report. All cement flooring areas are in place. As soon as the operation is ready to commence the containers for Office, Laboratory, Workshop, Weighbridge office, Weighbridge platform as well as toilets will be brought to site and placed on the concrete flooring for these specific units. A concrete area is also in place which will be used as the bunker area.

The Landscaping as approved by H&EM will be implemented by 4th May 2021. The current rating is therefore Non-compliant until the 1st phase is implemented.

The client is aware of the requirements and that an inspection must be arranged with H&EM for which they will be responsible.

The existing and currently in use plant will be moved to the new allocated area on the new site when the client is ready. Thereafter a rehabilitation process must be implemented. The competent authority Department of Environmental and Development Planning must be provided with all the ECO reports 30 days after completion of project as per the Environmental Authorisation dated 25 March 2020.

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An approval from Tribunal was received on the 20th of August 2020. The conditions set out in the approval was included and forms part of the ECO report.

The Environmental Authorisation was approved on 25 March 2019, the conditions set out in the authorisation was included and forms part of the ECO report. A notification of enactment and the appointment of ECO officer was sent to Ms. Rondine Isaacs on the 22nd of October 2020 and acknowledgement was received.

The Amendment of condition approval dated 10 September 2020, forms part of the Eco Report.

The site commenced on the 30th of October 2020. The initial inspection was conducted on the 5th of November 2020.

Due to the electrical fencing the client is unable to put up netting for dust suppression measures. The compliance for this activity will therefore remain partially compliant.

However, it must be taken into account that the client has implemented dust monitoring as another form of controlling dust and as per the approval will phase in the landscaping plan for the hydroseeding and trees that will be planted around the site perimeter as well as the access road. The agreement between client and H&EM is that planting must be implemented by 4 May 2021,

- Carpobrotus Edulis (cape Fig) hydroseeding during the onset of the wet season
- Olea Europaea Trees 32 x 1.8m tall spaced maximum 12m apart – phasing 1 year
- Olea Europaea Trees 250 x 1.8m tall spaced maximum 12m apart – phasing 50 trees/ year over a 5 year period

Reports submitted during construction phase and uploaded on the website; www.Greenmined.co.za

- The 1st Eco report was sent to H&EM and I&AP's on the 13th of November 2020.
- The 2nd Eco report was sent to H&EM and I&AP's on the 11th of December 2020.
- The 3rd Eco Report was sent to H&EM and I&AP's on the 13th of January 2021.
- The 4th Eco Report was sent to H&EM and I&AP's on the 16th of February 2021.
- The 5th and final Eco Report was sent to H&EM and I&AP's on the 12th of March 2021.

Management of Excessive Dust:

Rain water collected at the office area will be used to suppress excessive dust on the roads. In the event that more water is need a top up will be used from the municipal source. The client implemented dust fall out monitoring on site.

Waste Management:

At the time of inspection, no waste management was yet implemented. However, the client did confirm that sealable waste bins will be placed on site as soon as possible. The client has placed two separate

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clearly marked bins for General waste and hazardous waste, no other waste will be generated during the construction phase.

Up to date no hazardous waste was generated on site. A register must be kept on site with proof of waste removals. ***An oil spill kit must be kept on site.***

Access roads:

Vehicles utilising the access road must restrict speed to 40km/h.

These restrictions were erected and placed in all the areas which are highly visible.

Landscaping for access road will be phased in on a 5year plan for planting of 250 trees. The 1st 50 trees will be planted by 4 May as per the agreement with H&EM.

The site perimeters 32 trees will be planted by 4 May 2021.

Dust suppression is done on all access roads within Portlands quarry.

The inspection for landscaping will be arranged by client as this document serves as the final EAR.

Employee and Safety Management:

Workers were inducted and informed of EMP conditions. All workers signed as confirmation of understanding the induction. Appropriate notification signage will be erected at the mining site as soon as the fencing is complete.

DOCUMENT CHECKLIST:

- Approved Project EMP
- Site Plans
- Environmental Approvals
- Notification letters to Authorities
- Environmental Awareness
 - Environmental Awareness Programme
 - Proof of Environmental Induction
 - Proof of Environmental Related Toolbox Talks
- Incident Registers
- Waste disposal registers
 - General Waste Disposal Register – Averda Waste Management Facility
 - Hazardous Waste Disposal Register - Averda Waste Management Facility
 - Liquid Waste Disposal Register - Averda Waste Management Facility
- Non – Conformance Register
- Public Complaints Register
- Agreements with stakeholders
- Agreement with site office landowner

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- Water authorisation - Not Present (The client will make use of rain water collected from office and if top up is required water will be used from the municipal source.

MATTERS TO BE ADDRESSED ON SITE:

1. Netting for dust management – Client unable to put in place netting due to the electrical fencing surrounding the site area. However, as part of the approval trees must be planted at site perimeter which will assist with dust management. Client has implemented dust fall out monitoring.
2. Implementation of Landscaping plan:
 - Carpobrotus Edulis (cape Fig) hydroseeding during the onset of the wet season
 - Olea Europaea Trees 32 x 1.8m tall spaced maximum 12m apart – phasing 1 year (by 4 May 2021)
 - Olea Europaea Trees 250 x 1.8m tall spaced maximum 12m apart – phasing 50 trees/ year over a 5 year period (1st phase by 4 May 2021)
3. Client to arrange site inspection with H&EM for landscaping.

ABILITY OF EMPR TO ADEQUATELY MANAGE OR MITIGATE ENVIRONMENTAL IMPACTS

(APPENDIX 7 SUB-REGULATION 3(E):

It is believed that the EMPR currently adequately manage and/or mitigate environmental impacts at construction area.

NEED FOR AMENDMENT OF THE EMPR:

N/A

ECO SIGNATURE

| NAME: | SIGNATURE: | DATE: |
|-----------------|-------------------------------------------------------------------------------------|--------------|
| Murchellin Saal |  | 9 March 2021 |

PHOTO REPORT

MAIN ENTRANCE TO PORTLAND QUARRY



ACCESS ROAD TO NEW ASPHALT PLANT AREA



STORMWATER CHANNELS , OIL TRAP



1ST RETENTION POND



2ND RETENTION POND



BERMS SURROUNDING CONSTRUCTION AREA



NEW NATIONAL ASPHALT PLANT AREA



TWO ENTRANCE GATES



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CONCRETE FLOOR AREA READY FOR BUNKERS

CONCRETE FLOOR AREA READY FOR OFFICE, LABORATORY AND CHEMICAL TOILETS



ROADS COMPACTED WITH ASPHALT



1ST WEIGHBRIDGE

2ND WEIGHBRIDGE – WILL BE INSTALLED WHEN OPERATION STOPS AT PREVIOUS PLANT



DIESEL AND PARAFIN CONTAINERS BUNDED



PROOF GENERAL WASTE AND OIL SPILL KIT BINS PLACED ON SITE



SALVAGE YARD



AREA FOR 2ND ASPHALT PLANT AREA (CURRENTLY STILL IN OPERATION)



WATER TRUCK WETTING ACCESS ROADS FOR DUST SUPPRESSION





ENVIRONMENTAL AUDIT REPORT

Portion 8 of the farm 1098, Hooggekraal, Durbanville,

PROOF OF APPOINTED WASTE COLLECTOR



1 Spawick Street
Ingley Roadstead
Western Cape, 7585

P.O. Box 2
Bardneuf, Cape Town
Western Cape, 7581

Toll Free: 0851 766666
Tel: 021 938 9690
Fax: 021 938 9692
Email: collections@averda.com
Website: www.westerncape.gov.za
Reg No: 2008/02279039
VAT No: 426025915

| Computer Generated TAX INVOICE WV 4000016 | |
|-------------------------------------------------|---------------------|
| Date | 28/02/2021 |
| Page | 1 |
| Document No | ZAINV21025020210698 |

| | |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| NATIONAL ASPHALT (PTY) LTD NATIONAL ASPHALT (PTY) LTD P.O. BOX 1657 HILLCREST CAPE TOWN 7650 South Africa | NATIONAL ASPHALT (PTY) LTD SKIP/GENERAL WASTE PORTLANDS QUARRY ASPHALT DEPOT VISSERSHOK ROAD CAPE TOWN 7442 South Africa |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

| Account | Customer Order No | Tax Reference | Delivery Note | Sales Order | Terms |
|---------|-------------------|---------------|---------------|--------------|---------|
| CNACT13 | NAS161 | 4102181709 | | CDN020005576 | ZA30NET |

| Product | Description | Quantity | Unit Price | Nett Price |
|-------------|----------------------------------------------------------------------------------|----------|------------|------------|
| SKIP/CUBE | SKIP BIN 6 CUBIC METER Manifest no: 0524009 Delivery date: 2021-02-11 | 1.000 UN | 2.167,18 | 2.167,18 |
| GEN001 | General Waste - Compostable Manifest no: 0524009 Delivery date: 2021-02-11 | 0.940 T | 469,75 | 441,57 |
| MONTHLYRENT | Monthly Skip Rental Delivery date: 2021-02-08 | 1.000 UN | 392,57 | 392,57 |

SIGN:
Gordon Wynne
Date: 05 Mar 2021

Total Gross Mass: 400.000 KG



| | |
|-------------|----------|
| Sub Total | 3.001,30 |
| Amount Incl | 3.001,30 |
| VAT | 450,20 |
| Total (ZAR) | 3.451,50 |

Bank details: Nedbank - Account No: 145 411 0372 - Branch Code: 158 788

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ENVIRONMENTAL AUDIT REPORT
Portion 8 of the farm 1098, Hooggekraal, Durbanville,

RENTOKILL



National Asphalt
 Portland Quarry
 Vissershok Road
 Durbanville
 7560

Tax Invoice

Rentokil
 Cape
 2 Stigant Road
 Claremont
 Cape Town
 7708

0216704700

VAT Registration No: 4010173740
 Account No 000369345
 Invoice No 0011510566
 Invoice Date 01/02/21
 Due Date 03/03/21

www.rentokil-initial.co.za
 Registration No 59279+328697
 VAT Registration No 4850101318
A Division of Rentokil Initial (Pty) Ltd

Page 1 of 1

For queries please phone your Credit Controller: Penelope Arends 021 6704703 - Charlette Oliphant 021 6704753

| Service description for period 21/02/21 - 20/03/21 | VAT Rate | VAT Value | Nett |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|----------|
| Premises: 1 Contract: D21/C/00215650 National Asphalt Portland Quarry Vissershok Road Durbanville Cape Town 7550 Pest Management Online | 15 | R 77.22 | R 514.79 |

Sgn:
 Gailson Wynn
 Date: 03 Feb 2021

| | | | |
|----------|----------------------------|------------------|-----------------|
| Payments | Rentokil Initial (Pty) Ltd | Total Excl. | R 514.79 |
| Address: | PO Box 2008 | VAT | R 77.22 |
| | Clareinch | Total Due | R 592.01 |
| | 7740 | | |

Please note that Rentokil Initial (Pty) Ltd is NOT a listed beneficiary on Standard Chartered Bank "SCB", you are requested to list our SCB account as a beneficiary for Electronic Payments. **Cheques and cash deposits to be paid via Nedbank account.**

Electronic Payments:
Standard Chartered Bank Standard Chartered
 Account No. : 001 886676 00
 Branch Code : 73 00 20

Cheque / Cash Payments:
Nedbank
 Account No. : 117 482 1817
 Branch Code : 14 54 05

Please always list your account number when processing any payments as it assists us to correctly allocate your payment.

ENVIRONMENTAL AUDIT REPORT

Portion 8 of the farm 1098, Hooggekraal, Durbanville,

LANDSCAPING COMMITMENT – PLANTING TREES AT SITE PERIMETER AND ACCESS ROAD



Pretoria
Tel: (+27) 12 562 9600
Fax: (+27) 12 562 9600
47 Graf Street, Bon Accord
PO Box 247, Bon Accord, Pretoria, 0009
info@nationalasphalt.co.za
www.nationalasphalt.co.za

15 February 2020

Environmental and Heritage Management (Northern Region)
Environmental Management Department
Spatial Planning and Environment Directorate

Attention: Kim Matthee
Email: kim.matthee@capetown.gov.za

Dear Mrs Matthee

COMMITMENT TO FULFIL THE LANDSCAPING CONDITION: TREE PLANTING

This letter confirms acknowledgment that National Asphalt (Pty) Ltd, Portland, will commit to plant the trees along the access road by May 2021, as stipulated in the landscaping plan.

Your acknowledgement of receipt of this letter will be highly appreciated. Should your department require more information pertaining to the above-mentioned condition, please do not hesitate to contact me.

Kind Regards



Neels Smith
Regional Manager Western Cape

National Asphalt (Pty) Ltd Reg. No 1997/014970/07
Directors DJ Bennett, F Kinney, NF Maba, SZ Ward
Company Secretary GM Chomaly

A company of



ENVIRONMENTAL AUDIT REPORT

Portion 8 of the farm 1098, Hooggekraal, Durbanville,

ATMOSPHERIC EMISSION LICENCE



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

COMMUNITY SERVICES AND HEALTH
SPECIALISED ENVIRONMENTAL HEALTH
AIR QUALITY MANAGEMENT

Lumko Vazi
Senior Air Quality Practitioner

T: 021590 5200 F: 021590 5215
E: Lumko.Vazi@cape.gov.za
Ref: WCCT 106

CITY OF CAPE TOWN
COMMUNITY SERVICES AND HEALTH

SPECIALISED ENVIRONMENTAL HEALTH
AIR QUALITY MANAGEMENT

NATIONAL ENVIRONMENTAL MANAGEMENT
AIR QUALITY ACT (ACT 39 OF 2004), AS AMENDED

REVIEW AND VARIATION OF THE PROVISIONAL ATMOSPHERIC EMISSION LICENCE

CONCERNING LISTED ACTIVITIES

**NATIONAL ASPHALT PLANT PORTLAND (PTY) LTD, PORTION 8 OF FARM 1098, DURBANVILLE,
CAPE TOWN**

The City of Cape Town hereby grants your application in terms of Section 45 & Section 46 of the National Environmental Management: Air Quality Act 2004, (Act 39 of 2004) as amended.

Accordingly, National Asphalt Plant Portland (Pty) Ltd, Portion 8 of Farm 1098, Durbanville, Cape Town is authorised to continue the activities listed below, with the equipment and plant as detailed in the Review and Variation Provisional Atmospheric Emission Licence document Ref. No. WCCT 106.

CATEGORY 5: Mineral processing, storage and handling

SUBCATEGORY 5.10: Macadam Preparation

The Variation Provisional Atmospheric Emission Licence is valid until 21 December 2021.

Should the applicant wish to appeal any aspect of the decision to grant the Provisional Atmospheric Emission Licence, a written notice of intention to appeal with reasons, must be lodged in terms of Section 62 of the Municipal Systems Act (Act No. 32 of 2000) to the City Manager within 21 days of issue of the licence.

Ian Gildenhuys
Digitally signed by Ian Gildenhuys
Date: 2021.12.18 14:00:45 WCT

Air Quality Officer – City of Cape Town
Mr Ian Gildenhuys
Date: 18 December 2020

AIR QUALITY MANAGEMENT
246 VOORETRUKER ROAD, VASCO 7440
www.cape.gov.za

Making progress possible. Together.

END OF AUDIT REPORT FOR CONSTRUCTION PHASE