



EXPANSION OF THE KOMSBERG MAIN TRANSMISSION SUBSTATION AND ASSOCIATED INFRASTRUCTURE NEAR SUTHERLAND, WITH THE KAROO HOOGLAND LOCAL MUNICIPALITY IN THE NORTHERN CAPE

MONTHLY MONITORING REPORT

DATED: 29 AUGUST 2019

DEA REF: 14/12/16/3/3/1/1482



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PROJECT INFORMATION

REPORT TITLE: Monitoring Report

DATE: AUGUST 2019

REPORT STATUS: Final

PROJECT TITLE: Expansion of the Komsberg Main Transmission Substation (MTS) and Associated Infrastructure near Sutherland within the Karoo Hoogland Local Municipality in the Northern Cape Province.

CLIENT: Eskom SOC Ltd

ENVIRONMENTAL CONSULTANTS: Eagles Multi Skills Academy

DEA REF. NO.: 14/12/16/3/3/1/1482

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REPORT COMPILATION RESPONSIBILITIES

REPORT COMPILED BY:

A handwritten signature in black ink, appearing to read 'Mulalo Edson Ramurembiwa', written over a horizontal line.

Mulalo Edson Ramurembiwa
Environmental Control Officer



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EXECUTIVE SUMMARY

In line with the requirements of the Environmental Authorisation (EA) and the Environmental Management Programme (EMPr) for Proposed expansion of the Komsberg Main Transmission Substation (MTS) and Associated Infrastructure near Sutherland within the Karoo Hoogland Local Municipality in the Northern Cape Province. The Environmental Control Officer (ECO) shall ensure implementation of the requirements of the EA and compliance with the requirements of the EMPr. This report presents observations made by the ECO including construction progress, Incidents, Non-Conformance Reports (NCR's) issued and Deviations.

Currently there is no open NCR. Six (6) minor hydrocarbon spills and one (1) moderate hydrocarbon spills which was flashed to Eskom, one (1) concrete spill from ready mix truck chute washed on the terrace. Total of eight (8) chemical spills were reported for the reporting month. All spills were clean-up. One pre-warning for environmental deviations was issued to the contractor during the reporting month.

During the current reporting month, inspections/audit were conducted on the following activities: Bulk earthworks including excavation at Section D of 400kV terrace, crushing of stones, layer works at section A, B and C of 132kV terrace, delivery of G6 (import material) for final layer or wearing course, excavation of retaining wall and construction/upgrade of permanent access road.



1. INTRODUCTION

This report serves as a report back on the compliance of the Construction on the expansion of Komsberg Main Transmission Substation (MTS) and Associated Infrastructure near Sutherland within the Karoo Hoogland Local Municipality in the Northern Cape Province with the Environmental Authorisation (EA) (DEA Ref: 14/12/16/3/3/1/1482) and the Environmental Management Programme (EMPr) (dated January 2016) compiled for the development.

On 12th of May 2016 the Department of Environmental Affairs granted Eskom Holdings SOC Limited (hereafter referred to as “Eskom”) an Environmental Authorisation (EA).

Eagle Multi Skills Academy/Consulting was appointed by Eskom Holdings SOC Limited to accomplish the duties of the Independent Environmental Control Officer (ECO) responsible for environmental compliance monitoring against the EA, EMPr and relevant legislations during the construction phase of the project until rehabilitation to fulfil Condition 20 of the Environmental Authorisation.

The ECO is obligated to monitor and report on compliance of activities undertaken by the contractor, to report on any non-conformances, record incidents if any, recommend corrective action required, and details of those non-conformances. This report will be submitted to the authority (Department of Environmental Affairs) and the Applicant/holder of the Authorisation as well as the Contractor for their records and to act upon the non-compliance or issue raised as required. The report will reflect the observations and findings observed by the ECO during the reporting month.

2. SCOPE OF THE REPORT

The scope of the monthly monitoring report is to measure and record the compliance of the project by Contractors and Sub-contractors against the requirements/objectives of the EMPr, condition 21 of the EA, WUL (General condition 6 (2) of the general Authorisation), permits and licences issued for the construction on the expansion of the Komsberg Main Transmission Substation (MTS) and Associated Infrastructure for the reporting month.



3. ENVIRONMENTAL INDUCTION, AWARENESS AND TRAINING

All employees before resuming construction have undergone environmental awareness training detailing:

What is meant by "Environment"

- » Why the environment needs to be protected and conserved
- » How construction activities can impact on the environment, and
- » The Do's and Don'ts on site.

Twenty four (24) new employees on site receive environmental induction on EMP, EA, role of ECO, legal and other requirements as stipulated.

Different environmental topics as per environmental calendar are discussed with all employees on site. The following topic was discussed:

- » Beneficiation of Eskom Ash – communicated on 16/08/2019.
- » Environmental Management lesson learnt: Sewage spill next to R716 – Vaal – communicated on 24/08/2019.

Any other significant topics including tool box talk are conducted to remind and refresh employees about environmental compliance as well as the significance of protecting the environment, sustainability and conserving the environment.

- » Smoking in designated smoking area – communicated on 01/08/2019.
- » Dust – communicated on 02/08/2019.
- » Emergency evacuation procedure – communicated on 03/08/2019.
- » Emergency drill – communicated on 06/08/2019.
- » Waste separation – communicated on 07/08/2019.



» How to use fire extinguisher – communicated on 08/08/2019.

» Housekeeping – communicated on 09/08/2019.

» Use of drip tray – communicated on 19/08/2019.

4. INSPECTION FINDINGS

These are findings observed during inspections of the construction site for the reporting month. See attached photographic inspection evidence on Appendix A.

Table 1: Inspection findings.

EMPr Section	Findings	Suggested Corrective Action and Actual Corrective Action.	status
Objective 16	Unattended multiple oil spill at the laydown area.	Any spills must be reported, accessed and receive the necessary clean-up action immediately.	Closed
Objective 16	Unattended diesel spills from front end loader at the crushing area.	Any spills must be reported, accessed and receive the necessary clean-up action immediately.	Closed
Objective 17	Tipper truck (BDT 48) parked on site without a drip tray.	Drip trays must be placed under stationery machineries in sensitive areas.	Closed
Objective 17	Multiple oil and diesel leaks from bulldozer. All the leaks must be properly fixed before it can continue working.	Corrective action must be undertaken immediately if a complaint is made, or potential/actual leak or spill of polluting substance identified. All leaking machinery must be taken for service area for repairs.	Closed
Objective 6	Damaged fence at the adjacent property by the excavator delivery trucks. The damage must be reported to the affected landowner ASAP and the fence to be fixed immediately to his satisfaction.	Should there be any damage to private property and/or loss of livestock, game and/or other fauna that can be linked to the Contractor, or any subcontractor, the landowner shall be compensated accordingly upon sufficient proof thereof.	Partially Closed
Objective 16	Multiple hydrocarbon spills at section D of 400kV terrace.	Any spills must be reported, accessed and receive the necessary clean-up action immediately.	Closed
Objective 16	Waste skip not labelled.	Hazardous and non-hazardous waste must be separated at source. Separate waste collection bins must be provided for this purpose. These bins must be clearly marked and appropriately covered.	Open
Objective 17	Diesel bowser leaking.	All leaks must be fixed immediately.	Open
Objective 17	Concrete spill	Spilled cement and concrete must be cleaned up as soon as possible and	Open



		disposed of at a suitably licensed waste disposal site. All operator/drivers from external ready mix concrete supplier must be made aware that no washing of access concrete chute on site during visitors induction.	
Objective 16	Unattended oil spill at the designated parking area.	Any spills must be reported, accessed and receive the necessary clean-up action immediately.	Open

5. CONSTRUCTION PROGRESS

This section outlines construction activities recorded during the reporting month as well as planned construction activities.

5.1. Construction Progress to Date

- During the inspection the following activities was in progress:
 1. Bulk earth work including excavation and stockpiling of different soil layers for preparation of 400kV terrace.
 2. Crushing of stones.
 3. Layer works at section A, B and C of 132kV yard.
 4. Delivery of G6 (import material) for final layer or wearing course at section A of 132kV terrace.
 5. Preparation for construction/upgrade of permanent access road.
 6. Excavation of retaining wall at section A of 132kV terrace.



Photo: Layer works at section A (132kV terrace). Photo: Crushing of materials at section D.



Photo: Breaking of rock at section D.



Photo: Construction of permanent access road



Photo: Layer works at section B (132kV terrace).



Photo: Preparing retaining wall foundation



Photo: Import material (G6) to be used as final layer or wearing course.



Photo: Breaking of concrete waste to be reused as backfilling material.



6. NON-COMPLIANCES, INCIDENTS AND DEVIATIONS

This section provides a description of Non Compliance Report (NCR's) and Incidents noted during the reporting month, summary of open NCR's and Incident as well as the distribution of the non-compliances and observations raised during inspections.

6.1. Description of Incidents, Non-compliances and Deviations

There was zero (0) Environmental NCR's issued or opened during the reporting month. However there are ten (10) deviations raised for the reporting month which six are closed and four remain open. This was raised during inspections conducted by ECO for the reporting month. Open deviations should be properly addressed to avoid a repeat findings as it will lead to Non-Compliance.

6.2. Distribution of Non- compliances, incidents and Deviations

Table 2: Distribution of Environmental NCR's, Incidents and Deviations

Status	NCR's		Incidents		Deviations	
	Month	Project to Date (PTD)	Month	Project To date (PTD)	Months	Project to date (PTD)
Open	0	0	0	0	4	4
Closed	0	0	8	22	6	27
In Progress	0	0	0	0	0	0
Total	0	0	8	22	10	31

Currently there are zero (0) NCRs, eight (8) Incidents (seven oil spill and one concrete spill), four (4) deviations remains open.



7. PROJECT AUTHORISATION AND PERMITS

#	License name	License Number	Date issued	Expiry Date	Regulatory	Purpose
1.	Environmental Authorisation	14/12/16/3/3/1/1482	12/05/2016	Construction life cycle	DEA	Expansion of the Komsberg Main Transmission Substation (MTS) and Associated Infrastructure near Sutherland within the Karoo Hoogland Local Municipality in the Northern Cape Province.
2.	Fauna	0423/2019	03/06/2019	03/06/2020	NC DENC	Permit for ordinary capture use of prohibited hunting methods.
3	Water use registration and Authorisation	4/5/6/J11D/Standvastigh eid 210/RE, Sutherland RD	17/04/2019	Year (Annum) until reaching the volume	Breede Gouritz catchment Management Agency	Taking of ground water for construction.
4.	Waste Water Treatment Works	B33/2/800/15	04/05/1987	N/A	Department of Water and Sanitation	Purification or treatment of water.
5.	Flora	0044/2019	28/06/2019	28/06/2020	NC DENC	Flora harvesting
6.	G:S:B landfill permit	6/2/7/J100/D 15/Z1/P286	04/12/1997	N/A	Department of environmental Affairs	General waste disposal facility.

8. OBSERVATIONS

This section highlights observations noted during the reporting period.



8.1. Construction Camp Site

The following were observed as issues of concern during the reporting:

1. Poor management and monitoring of drip trays at the laydown area as well as after rain.
2. Unattended minor oil spills within the construction area. Regular monitoring is required to manage and monitor spills.

8.2. Flora

During the inspection it was observed that not all endangered/protected/threatened species that are on the development foot print are identified and marked during the walk down for search and rescue of threatened/protected species. Most of those species are Protected according to Schedule 2 of the Northern Cape Nature Conservation Act, 2009 (Act No. 9 of 2009). Permits will be required from NC DENC to remove or translocate protected plant species.

The permit for harvesting of protected plant species is in place (permit number: Flora 0044/2019) Different types of plant species were sampled and transplanted to the adjacent area within the property boundary (outside the development foot print).

The conditions of the permit issued on 28/06/2019 (Permit number: 0044/2019) in terms of Northern Cape Nature Conservation Act, 2009 (Act No. 9 of 2009) must be adhered to. This permit is valid for the period of one year/twelve month (until 28/06/2020).

It is recommended that all areas of development must be clearly marked on-site to eliminate the potential for unnecessary clearing and also to minimise impacts on flora and ecological processes.



8.3. Livestock, game and other fauna

No incident of fauna reported or noticed during the reporting month. Employees, visitors and/or subcontractors should be made well aware of the consequences of any damage to private property and/or loss of livestock, game and/or other fauna.

All fauna identified and might be of danger or threat to employees must be captured and removed to the safe environment by the competent personnel.

The conditions of the permit issued on 03/06/2019 (Permit number: Fauna 0423/2019) in terms of Northern Cape Nature Conservation Act, 2009 (Act No. 9 of 2009) must be adhered to. This permit is valid for the period of one year/twelve month (until 03/06/2020).

8.4. Fencing

It was noted during the inspection that there is a security controlled access at the main entrance, fence, and the camp is secured. However old boundary fence is available on site though a new and permanent security shall be constructed. Construction of substation boundary fence has been completed. It is very important that construction of fence must comply with the Fencing Act No.31 of 1963.

Damage of fence at the adjacent property by the excavator delivery trucks was observed during site walk. The damage was later reported to the affected landowner and the fence was temporarily fixed and it was agreed with the landowner that the fence will be properly fixed towards the end of the earthworks project.

8.5. Material Handling, Use and Storage

Good housekeeping was observed at the laydown area where material are properly/neatly stacked and stored.

8.6. Hazardous Substances Storage

During the inspection it was observed that the bund for hazardous chemical store has been constructed and completed. It is recommended that the temporary storage of hazardous chemical substances shall meet the minimum requirements for Hazardous Substances Act (Act No. 15 of 1973) and SANS 10228, must have control access, bund capacity as well as a dedicated person to control ingoing and outgoing chemicals.



8.7. Workshop Equipment Maintenance and Storage

The construction of bund for servicing or repair of construction vehicle area is in place. However there is no measure in place to prevent pollutants reaching the surround environment (oil/water separator).



Photo: Vehicle servicing area.

8.8. Waste Management

Waste on site is monitored and audited on site as per the requirements of National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) as amended in the government gazette notice 614 of 2016.

A provision has been made for temporary storage area to manage all waste on site. Integrated waste management approach is encouraged on site. An effort must be made for waste minimisation, reduction and recycling.

Wastes generated on site are mostly general construction waste, hazardous waste (i.e. fuel, chemicals), and liquid waste (including grey water and sewage). In order to manage the



wastes effectively, guidelines for the assessment, classification, and management of wastes, along with construction principles for minimising construction wastes must be implemented.

General Waste

General waste is taken to a licensed Landfill site at Laingsburg which is registered under Laingsburg Municipality (permit number 6/2/7/J100/D15/Z1/P286) issued under Environment Conservation Act, 1989 (Act 73 of 1989). A copy of the license is available on site file. No general waste disposed for the reporting month.

Hazardous Waste

Hazardous waste generated on site are temporarily stored inside the Whilie bins at the waste management area in the lay down area. Hazardous waste will be managed by Drizit environmental services to be disposed at a registered landfill in Cape Town (Visserhoek). No hazardous waste disposed for the reporting month.

Drizit was subcontracted to remove asbestos from old buildings as well as the fluorescent tubes. All asbestos waste and fluorescent tube removed was handled and taken by Drizit for disposal at the registered asbestos landfill site. Still awaiting the proof of disposal.

8.9. Toilets / Ablutions

Boland Toilet Services is the appointed service provider for servicing abluion facilities (portable chemical toilets) and septic tank. Services of the toilets is done once a week at site camp. The number of employees on site and the number of toilet available both for males and females meet the requirement of the EMPr of 1:15 ratio.

Sewage Waste

Mobile chemical toilet and septic tank on site are serviced by Boland Toilet Services. The sewage waste is taken to a licensed Waste Water Treatment Plant (Witzenberg) in Ceres registered under Witzenberg Municipality, permit number B33/2/800/15. A copy of licence is available on site file. **9620** litres of sewage waste was disposed for the reporting month.

8.10. Water Management

Water used for construction is sourced from a borehole at Standvastigheid 210/RE with GPS coordinate (S32°56'01.9"E20°35'38.8"), Water use registration and Authorisation in terms of the National Water Act, 1998 (Act No 36. Of 1998): for taking of water from ground water is in place, though the purpose for use is defined as taking of underground water for the



construction of wind farm which is the different activity to that of the expansion of Komsberg MTS. The query was logged with the Breede Gouritz Catchment Management Agency (BGCMA) Official and he indicated that the borehole was registered or any construction use despite the project/development name. The borehole has been registered and the registration certificate is available on site.

The limit for maximum volume per annum/capacity is 40 000m³. General condition 6 (2) of the General Authorisation indicate that (the volume of water taken must be measured and recorded at the end of each month and the volume taken should be submitted to Breede Gouritz Catchment Management Agency (BGCMA) at the email address provided on the water use authorisation). This condition must be complied with by the user.

It is recommended that a water meter must be installed to get the accurate quantity used in order to comply with the WUL. The volume or quantities of borehole water used is sent on a monthly basis to the Breede Gouritz Catchment Management Agency (BGCMA).

2722 m³ or 2 722 000 litres of construction water was used for the reporting month. From the beginning of the Water Use registration and Authorisation to date, **8 112 000 litres or 8112 m³** of construction water was used. Water used for drinking are purchased from the supplier (OK foods) and **1465 litres** of drinking water was used for the reporting month. Water at the substation has been tested by Integral Laboratories that is SANAS approved and it was found that the sample from the borehole at the Komsberg Substation have total coliforms of 16 that is greater than (<10) which is required by SANAS 241: 2015. The lab confirms that water at Komsberg Substation is not fit for human consumption.

8.11. Erosion and Sediment Control

No issue noted or signs of sedimentation. However all areas susceptible to erosion shall be protected by installing necessary temporary and/or permanent drainage works as soon as possible and by taking suitable measures to prevent surface water concentration into nearby roadways.

8.12. Access Roads, Access Control and Gate Installation

There were no issues recorded regarding access roads, access control and gates. However regular maintenance of road must be done. Dust suppressant must be applied and regularly monitored on all exposed areas, stockpiles and gravel roads as required to minimise/control airborne dust.



8.13. Dust and other air emission

During inspection it was observed that more dust is generated during crushing of stones at the crusher areas. During construction there must be a measure for control of dust in specified places or areas, either in general or by specified machinery or in specified instances as well as steps that must be taken to prevent nuisance by dust or other measures aimed at the control of dust as per the National Environmental Management: Air Quality Act (Act No. 39 of 2004).

It is also recommended that dust-generating activities or earthworks as well as crushing areas may need to be rescheduled or the frequency of application of dust control/suppressant increased especially during periods of high winds and if excessive visible dust is blowing towards where other employees are working or to the nearby residences outside the site in order to achieve the objective of the EMPr.

8.14. Import materials

Any fill material required on site must be sourced from a commercial off-site suitable/permitted source, quarry or borrow pit. Where possible, material from foundation excavations must be used as fill on-site. G6 (import materials) used as final layer or wearing course are source from Brewelskloof (ERF 3604, Worcester, Western Cape) registered by Afrimat Aggregates PTY (Ltd) previously known as Prima Klipbrekers PTY (Ltd) under Mineral and Petroleum Development Act, No 28 of 2002. **1 562, 02** tons of G6 material was imported from Brewelskloof quarry for the reporting month.

8.15. Labour and Social Issues and their Control

Local employment of 20 employees were created for unskilled workers at Matjiesfontein (which fall under ward 2 of Laingsburg Municipality under Central Karoo District Municipality) which is approximately 30km from the construction/development site. Although limited, employment opportunities could be created during the construction phase, specifically for semi-skilled and unskilled workers. Use should be made of local labour as far as possible.

8.16. Accidental leaks and Spillages

The contractor shall be strongly advised to make every effort to prevent spills and leakages on site. Regular maintenance of construction vehicle is essential to prevent unnecessary oil spills. Six (6) minor hydrocarbon spills and one (1) moderate hydrocarbon spills which was



flushed to Eskom, one (1) concrete spill from ready mix truck chute washed on the terrace. The total of eight (8) chemical spills were reported for the reporting month. All spills were clean up. It is recommended that vehicles or plant must be regularly checked or serviced to avoid unnecessary incidents and that all spills minor or major must be assessed to determine the significance of the spill, reported to ECO and cleaned immediately.

Incident or spillage date

No .	Date	Description of the incident	Quantity	Location	Reported by	Reported to	Action Taken
1	27/07/2019	The diesel tank of the tipper truck (BDT 37) was struck by a large rock and damaged.	10 lt	New stockpile area	Avile	Amanda	The affected area was cleaned
2	07/08/2019	The employee was refuelling diesel and it accidental spilled on the top soil.	10 ml	Laydown area	Avile	Amanda	The spillage was cleaned
3	08/08/2019	Mechanic was fixing excavator outside the bund eare with no enough drip tray.	5 ml	Laydown area	ECO	Avile	The spillage was cleaned
4	10/08/2019	Excavator pecker was leaking oil.	5 ml	400 kV yard Section D	Observed by Avile and ECO	Observed by Avile and ECO	The spillage was cleaned
5	16/08/2019	The Operator over grease the excavator and the grease fall on the ground.		Laydown area	ECO	EO	The spillage was cleaned
6	19/08/2019	Hydraulic pipe burst on bomaq while compacting the	10 lt	132 kV Section A	Mxolisi Shumame	EO	The spillage was cleaned



No .	Date	Description of the incident	Quantity	Location	Reported by	Reported to	Action Taken
		foundation of retaining wall.					
7	22/08/2019	The ready mix concrete truck Operator was washing a chute on the terrace.		132 kV Section A	Mxolisi Shumame	Pontsho	The spillage was cleaned
8	24/08/2019	Grader was leaking hydraulic oil.	2 ml	Parking	ECO	EO	The spillage was cleaned



Photo: Hydraulic pipe burst from bomag roller. Photo: cleaning in progress.



Photo: Cleaning in progress.

Photo: final clean up.



Photos: Contaminated soil from the incident (hydraulic pipe burst from bomag roller: date 19/08/2019)

8.17. Drainage Lines and Periodic Streams

During the inspection no issues observed regarding impact of activities on the drainage line or streams. However a careful planning must be done during planning of temporary access road for construction purposes and not to impede or divert the flow of water.

8.18. Soil Degradation and Erosion

No issue observed regarding soil degradation and erosion noted during the reporting month. However, excavated topsoil stockpiled must be covered (during windy conditions) or vegetated until replaced during rehabilitation. The area identified as disturbed area must be restricted for construction activities.

Erosion control measures such as (reducing run-off on slopes, sand bags, logs, silt fences, storm water catch-pits, shade nets, or temporary mulching over stripped area as required) must be implemented to prevent erosion.

8.19. Heritage Resource

No archaeological sites/materials were observed during the reporting month within the development footprint. Although it is unlikely that archaeological remains will be found in situ especially during excavation, there is always a possibility that human remains and/or other archaeological and historical material may be uncovered during the development.

Employees must be made aware of the possibility of discovering heritage sites, if concentrations of historical and pre-colonial archaeological heritage material and/or human



remains (including graves and burials) are potentially uncovered during construction, all work in the immediate area must be cease immediately and be reported to the ECO so that it will be reported to South African Heritage Resource Agency (SAHRA).

8.20. Visual Impacts

No Visual impacts observed during the reporting month. Movement of construction workers and vehicles to the immediate construction site and existing access roads/ tracks must be restricted. It is advisable that construction activities must be restricted to daylight hours whenever possible in order to reduce lighting impacts (Ref: EMPr objective 14).

8.21. Noise Control

No excessive noise generated during working hours (daylight) were reported during this period. However, on-site construction activities should be limited to daylight hours as far as possible (Ref: EMPr objective 15) and construction noise to be managed in accordance with the Noise Control Regulations and SANS 10103.

It is recommended that all construction equipment, including vehicles, must be properly and appropriately maintained in order to minimize noise generation, e.g. silencers must be in good working in order to achieve the EMPr objectives.

8.22. Traffic Management

The construction phase of the project is most significant in terms of generating traffic impacts; resulting from the transport of equipments, materials and construction crews to the site and the return of the vehicles after delivery of materials.

The construction site is created with a single track road entering the substation to ensure safe entry and exit and to minimize the footprint as well as the least environmental impacts.

The movement of all vehicles within the site must be on designated roadways or tracks created for the purpose of construction, or where possible, on existing tracks.

8.23. Public/Land Owner's Complaint

No complaint received or recorded during this reporting month. A complaints register must be maintained, in which any complaints from the community or adjacent landowners will be logged. Complaints must be investigated and, if appropriate, acted upon.



8.24. Rehabilitation

All area that are badly damaged needs to be rehabilitated as soon as possible or as required, the rest of the area will be rehabilitation during the completion of the construction phase before commissioning. Alien species that might have been introduced during construction phase must be monitored, controlled and removed.

Unnecessary removal of vegetation must be avoided as it adds stability to soil. All the disturbed area must be identified to restrict construction in such area and must be demarcated as a “no go” area for quick recovery.

No area require rehabilitation to date. However, ongoing rehabilitation on damaged areas must be done to achieve EMPr objectives.

9. Conclusion

All findings raised during inspections must be address as soon as possible, and action plan of how the issue will be addressed by the contractor must be sent for acceptance as well as the proof of closure. All finding must be taken seriously and closed out prior becoming non-conformance. It must also be noted that where audit findings are identified on the EMPr, it shows that there are gaps that needs to be address urgently.

Ensure that the site activities remain within the development footprint and do not impact negatively on the biophysical environment, it must be noted that all non-compliance findings be recorded and closed out in the form of action plan and preventative action to be implemented throughout the project duration.

The contractor must ensure that all condition/s of permits or any form of authorisation issued for the project are complied with.

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APPENDIX A: PHOTOGRAPHIC INSPECTION EVIDENCE



Photos: Leaking diesel bowsers.



Photo: Diesel spill at refuelling area.



Photo: Oil spill at the laydown area.



Photo: Tipper truck parked without a drip tray. Photo: Leaking bulldozer that need repair.



Photo: Oil spill at section D of 132kV terrace. Photo: Oil spill at the laydown area.



Photo: Damaged fence at the adjacent property by the excavator delivery trucks.



Photo: Concrete spill from mixer truck (Operator washed access concrete on the terrace).



Photo: Unattended oil spill at the parking area.



Photo: Waste kip not labelled.