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DATE:

ENVIRONMENTAL AUDIT REPORT

FOR THE

CONSTRUCTION OF THE ORIGINAL STEAM
GENERATOR INTERIM STORAGE FACILITY (OSGISF) AT
KOEBERG NUCLEAR POWER STATION

PREPARED FOR: ESKOM HOLDINGS SOC LIMITED

Koeberg Nuclear Power Station R27 Off West Coast Road

Melkbosstrand

REPORT NO: ECO/KOE/OSGISF/02/2022 **DEA EIA REF NO:** 14/12/16/3/3/2/947



February 2022

Environmental Impact Assessments
 Basic Assessments
 Environmental Management Planning

[•] Environmental Control & Monitoring • Water Use License Applications • Aquatic Assessments

PROJECT DETAILS

TITLE:

The construction of the Original Steam Generator Interim Storage Facility (OSGISF) at Koeberg Nuclear Power Station on Cape Farm 1552, Duynefontein, Cape Town.

LOCATION:

Koeberg Nuclear Power Station R27 Off West Coast Road Melkbosstrand

ENVIRONMENTAL CONSULTANCY:

Sharples Environmental Services cc.

PRIMARY ECO & AUTHOR:

Ms Betsy Ditcham (Supervising ECO)

EXPERTISE:

Betsy has a Bachelor of Science Honours Degree in Wildlife Management from the University of Pretoria and a Bachelor of Science Degree (Zoology and Ecology) obtained from the University of Cape Town in 2005. She has 9 years' experience in the environmental field, including environmental assessments, legal compliance, compliance monitoring, cleaner production and business greening and sustainability (carbon and environmental footprinting). In her time as a consultant, she has compiled a number of environment assessments and management plans for both private and governmental clients. Betsy is co-owner of SES and is registered with EAPASA (Reg no. 1480)

CLIENT:

REPORT CLASSIFICATION:

ESKOM HOLDINGS SOC LIMITED

Environmental Monitoring Report

SES REFERENCE NUMBER:

ECO/KOE/OSGISF/02/22

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ECO: CONSTRUCTION OF THE ORIGINAL STEAM GENERATOR INTERIM STORAGE FACILITY (OSGISF) AT KOEBERG NUCLEAR POWER STATION



Sharples Environmental Services cc (SES) has been appointed by Trans-Africa Projects (Pty) Ltd on behalf of ESKOM HOLDINGS SOC LIMITED (the client), as the Environmental Control Officer (ECO) to monitor the construction of the Original Steam Generator Interim Storage Facility (OSGISF) at Koeberg Nuclear Power Station (KNPS) on Cape Farm 1552, Duynefontyn, Cape Town. SES has been appointed to undertake monitoring inspections for the duration of the contract period, to ensure that measures outlined in the Environmental Management Programme (EMPr) and Environmental Authorisation are implemented and that environmental degradation is kept to a minimum. This report has been compiled to indicate compliance with the Environmental Authorisation (EA) issued by the Department of Environmental Affairs (DEA) and the EMPr compiled by SRK Consulting (South Africa) (Pty) Ltd (dated November 2016).

Environmental Authorisation was granted by DEA on May 17th, 2017. An application to amend the Environmental Authorisation was submitted by NCC Environmental Services and granted in October 2018.

Section	
2	Description of Activity

Eskom proposes to construct an Interim Storage Facility for the temporary storage of the original steam generators at Koeberg Nuclear Power Station (KNPS) (now referred to as the "project"), thereby ensuring the continued operation of KNPS.

SRK Consulting (South Africa) (Pty) Ltd (SRK) undertook the Scoping and Environmental Impact Reporting (S&EIR) process required in terms of the National Environmental Management Act 107 of 1998, as amended (NEMA). The Environmental Impact Assessment (EIA) Report (SRK Report No.: 478317/06) contains a detailed description of the project and its impacts.

In terms of the National Environmental Management Act, 1998 (Act No.107 of 1998) and the Environmental Impact Assessment Regulations, 2014. The authorisation of the following activities was granted by DEA;

- GN R.983 Activity number 27
- GN R.984 Activity number 3

Section	
3	Location

KNPS is located on a sandy coastline of the West Coast, approximately 27 km north of the Cape Town Central Business District and 1.5 km north of the residential area of Duynefontein (Figure 1). KNPS is situated on Cape Farm Duynefontyn No. 1552 (previously consisting of Farm Duynefontyn No. 34 and Farm No. 1375 which were consolidated by the City of Cape Town in 2015). Access to KNPS is via the R27 which runs along the property's eastern boundary or alternatively via Otto du Plessis Drive. Cape Farm Duynefontyn No. 1552 is owned by Eskom and measures approximately 1 294 ha and is zoned for Risk Industry and Agricultural.

The OSGISF will be located within the Security Protected Area (SPA) of KNPS, a flat area mostly disturbed by previous construction activities and by current operational activities at KNPS.



Figure 1: Locality of Koeberg Nuclear Power Station (site).

Section 3.1

Site Camp

The site camp is located directly adjacent to the working area. The site camp consists of a number of office containers, ablution facilities and eating areas.



Figure 2: Site locality within Koeberg Nuclear Power Station.

ECO: CONSTRUCTION OF THE ORIGINAL STEAM GENERATOR INTERIM STORAGE FACILITY (OSGISF) AT KOEBERG NUCLEAR POWER STATION

Section	
4	Construction work

This section highlights and discusses the key construction activities observed during the site inspection.

At the time of the site visit, the working area was clearly demarcated and construction of the two building foundations had been completed.

Building 1 was in the process of being prepared for the final major concrete pour to the roof, which was planned for 26/27 February 2022.

An agreement has been reached with the power station for work to be conducted at night and on Sundays, in addition to the Saturdays already worked. These additional shifts started on 20 January 2022.

Section	
5	Environmental Matters

SES is appointed to undertake a monitoring role in terms of this project and will conduct monthly Environmental visits as per the contract. Ad hoc visits may be conducted, should these be required.

Section 5.1 Waste Management

Waste separation is evident at the site camp, with the provision of separate waste storage areas. It is understood that general waste would be removed to the KNPS designated waste area, with hazardous waste and builders' rubble being disposed of off-site at a licenced landfill site through a contracted waste company.

Section	
5.2	Vegetation clearance

Search & Rescue was conducted prior to the commencement of clearing activities. A copy of the Search & Rescue report is available on request.

No further vegetation is impacted by the construction activities on site.

Section	
5.3	Weekly DEO Inspections

A Designated Environmental Officer conducts weekly inspections, based on the conditions of the EA and EMPr. The findings of these inspections are circulated to the ECO for review and record.

The DEO identified one Non-Compliance during the weekly site inspection of 11 February 2022:

Designate the area beyond the boundary of the site as No go areas for all personnel on site. No
vehicles, machinery, materials or people shall be permitted in the No go area at any time without
the express permission of the RE in consultation with the ECO.

o It was found that the boundary signage stating ("NO GO") had not been put in place.

The following two Partial Compliances were also noted during the weekly inspections:

- Ensure that contaminants (including cement) are not placed directly on the ground (e.g. mix cement on plastic sheeting).
 - o Concrete spillages had not been cleaned from site and would need to form part of Housekeeping duties.
- Suitably maintain firefighting equipment
 - o Three FE found on site were due for next service.

February 2022 COMPLIAN	COMPLIANCE WITH THE EMPR AND EA		
	Compliance Full/Part/ Non	Comments/ Observations	Action to be taken
SITE C	CAMP		
Submit a method statement for Site Camp establishment for approval by the ECO at least two weeks prior to the start of construction activities	Full	Site Establishment Method Statement has been drafted and submitted during Tender Phase. Method Statement has been signed by all parties (ERI and ESKOM)	No further action to be taken.
Establish a suitably fenced Site Camp at the start of the contract, which will allow for site offices, vehicle, equipment, material and waste storage areas to be consolidated as much as possible. Locate the Site Camp at a position approved by the ECO. Provide water and / or washing facilities at the Site Camp for personnel.	Full	Site Camp has been fenced off as per instruction. Fence has sufficient Safety Signage available. Waste Bins has been allocated and placed strategically for different waste streams. Waste streams identifiable by means of labels. Drinking water are available to workers. Source of water CCT. No washing will take place on site	
Demarcate construction site boundaries upon establishment. Control security and access to the site. Fence off site boundaries to the satisfaction of the ECO and ensure that plant, labour and materials remain within site	Full	Site Area has been properly demarcated. Construction Footprint is	

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February 2022	COMPLIANCE WITH THE EMPR AND EA			
		Compliance Full/Part/ Non	Comments/ Observations	Action to be taken
boundaries.			clearly marked and employees are well aware of where footprint ends.	
personnel on site. N	beyond the boundary of the site as No go areas for all No vehicles, machinery, materials or people shall be go area at any time without the express permission of the h the ECO.	Full		
	SAFETY &	SECURITY		
the ground, acciden	cy procedures (in relation to fire, spills, contamination of ts to employees, use of hazardous substances, etc.) are ommencing construction.	Full		
contact details of e	procedures available, including responsible personnel, mergency services, etc. to all the relevant personnel. emergency procedures at the relevant locations around	Full	As per Accountability List all Emergency Personnel Details has been updated.	
Secure the Site Camp any other hazardous	o, particularly to restrict unauthorised access to fuels and substances.	Full	The site does have Hazardous Substances and Containers has been purchased where Haz Chem will be stored with SDS attached.	
Store all construction Site Camp.	material and equipment in locked containers within the	Full	Stores has been allocated where all material has been stored. Stores are locked and store man has been appointed.	
Provide suitable eme	rgency and safety signage on site, and demarcate any	Full	Emergency Signage has	

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		Compliance Full/Part/ Non	Comments/ Observations	Action to be taken	
areas which may pose a safety risk (including	g hazardous substances, etc.		been posted strategically.		
Advise the ECO of any emergencies on site taken.	together with a record of action	Full			
	<u>EMPLO</u>	<u>YMENT</u>			
Prioritise the employment of local people		Full	As per SD&L requirements.		
Procure locally produced goods (plant an possible.	d materials) and services, where	Full	As per Procurement Procedure		
Promote on-the-job training wherever possib	le.	Full			
	ENVIRONMENTAL AV	WARENESS TRAI	NING		
Provide environmental awareness training to of their employment. Training should include Potential impact of construction waste an Suitable disposal of construction waste an Key measures in the EMPr relevant to work How incidences and suggestions for improcessure that all attendees remain for the completion sign an attendance register the names.	discussion of: d activities on the environment; d litter; er's activities; and evement can be reported. duration of the training and on eat clearly indicates participants'	Full	Register of environmental training kept on site	Environmental Induction Training has been conducted on the following days 14 February 2022 Environmental Toolbox Talks 15/02/2022 Chemicals which should not be stored together 16/02/2022 Types of Environmental Incidents 17/02/2022 Waste Recycling Separation of waste at the source.	
	HAZARDOUS MATERIALS				
Design and construct hazardous material	storage facilities, especially fuel	Full	Haz -Chem stores has been		

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Action to be taken Full/Part/ **Observations** Non storage, with suitable impermeable materials and a minimum bund allocated on site. containment capacity equal to 110% of the largest container All Fuel is brought to site and refuelled bv Service provider. No hand mixing of cement is currently on site. Readymix on site are handled Concrete spillages have not Ensure that contaminants (including cement) are not placed directly on the accordingly. If and when been cleaned from site and **Partial** will need to form part of ground (e.g. mix cement on plastic sheeting). spillages occur cement is left until it hardens and Housekeeping duties. cleaned and placed on PVC sheeting until disposal. No transfer or transportation of hazardous substances has occurred on site. All Avoid unnecessary use and transport of hazardous substances. Full Hazardous waste generated thus far is kept in a hazardous waste bin. Compile a procedure for the storage, handling and transport of different Full hazardous materials and ensure that it is strictly adhered to. Keep Material Safety Data Sheets for all hazardous materials on site and All chemicals brought on ensure that they are available for reference by staff responsible for handling Full site has SDS attached. File is and storage of materials kept in SHEQ Office. **FLORA MANAGEMENT** Limit the footprint area of the construction activity to what is absolutely No Flora Management will be applicable for essential. Full the project as all Flora has



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		Compliance Full/Part/ Non	Comments/ Observations	Action to be taken
			already been covered by Permit allocated for Koeberg Nuclear Power Station. All protected species has been identified and removed from site.	
	ide the construction footprint as No Go areas.	Full		
Ensure that no vege construction site bou	etation is removed or disturbed outside the delineated ndary	Full		
the indiscriminate m	n vehicles to designated roadways and strictly prohibit novement of construction vehicles through vegetation construction / disturbance footprint.	Full		
	orage of building material or soil within areas of natural tside of the construction footprint	Full		
Remove all alien and construction activitie Where possible, rer Keep footprint au species; and	d weed species encountered within areas disturbed by	Full	Alien And Weed Clearance has been done around the site camp. Camp to be kept clear of overgrown weeds and alien vegetation.	
	pinted to confirm presence of Species of Conservation protected species within the area	Full	Copy of Search & Rescue report available in request	
Rescue and relocation	on of SCC prior to the commencement of activities.	Full		
	nined for the removal / destruction of SCC, indigenous, gered plant or animal species. FAUNA MA	n/a		

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non Contractor in contact with Do not allow contractors or staff to harm, catch or kill birds or animals by any Full snake handler should means, including poisoning, trapping, shooting or setting of snares. sightings occur. Attempt, as far as possible to flush fauna within the construction footprint towards more suitable habitat within the surrounding areas. Clear vegetation Full towards the security fence line, thereby enabling any fauna to naturally relocate through the fence into the surrounding natural areas. Backfill trenches / excavations as soon as possible to ensure that the time the Full trench is exposed is kept to a minimum. Open trenches / excavations must be inspected on a daily basis for animals Full which may have fallen or become trapped. Safely remove and relocate any fauna that may be physically harmed by Full construction activities. **TOPSOIL STORAGE** Laydown areas has been Limit construction and lay down areas to areas within the development identified and utilised with Full footprint. proper demarcation poles Existing stockpiling of Top Soil has been identified. Designate and demarcate areas to be used for topsoil stockpiling. Full Remove topsoil (up to a maximum of 30 cm depth) Full Stockpile topsoil prior to the commencement of construction activities Full (stockpile no higher than 2m) and conserve topsoil for rehabilitation. Locate topsoil stockpiles in an area protected from the wind, and agreed to Full with the ECO. Replace harvested topsoil in areas that are to be rehabilitated as soon as Full sections of the works are completed (i.e. not only following the completion of

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		Compliance Full/Part/ Non	Comments/ Observations	Action to be taken
all works)				
	CONCRETE / C	EMENT WORK	,	
Use Ready-Mix concre	te rather than batching where possible.	Full	Ready Mix has been used on site.	
operations are to take disposed of in the cor	of truck delivery chutes are cleaned on site. Cleaning place off site at a location where wastewater can be trect manner. If this is not possible a suitable washing ped on site in consultation with the ECO.	Full	No chutes are cleaned on site. Contractor is aware that no cleaning can happen on site	
Batch cement in a bu footprint only (where u	inded area within the boundaries of the development inavoidable).	n/a	No cement currently batched on site.	
Ensure that cement is directly on the ground	mixed on mortar boards / plastic sheeting and not (where unavoidable)	Full		
Physically remove any and dispose of as wast	remains of concrete, either solid, or liquid, immediately te.	Full	Remains of concrete pours are stored on plastic sheeting to solidify prior to disposal.	
Place cement bags in disposal facility.	bins and dispose of bags as waste to a licensed waste	n/a	No cement bags are used on site.	
· ·	excess aggregate / stone chip / gravel / pavers into licensed waste disposal facility	Full		
WASTE MANAGEMENT				
Submit a Method Starwaste).	tement for waste management (including hazardous	Full		
Aim to minimise waste	through reducing and re-using (packaging) material.	Full	RRR is emphasised during induction as per Environmental Policy.	

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non Recycling material cannot be exercised on site. Collect recyclables separately and deliver these to suitable facilities or n/a Recycling items is kept to a arrange for collection. minimum. Waste Bins have been labelled Collect all waste in bins and/or skips at the construction site Full and placed strategically on site. The avoidance of littering Prevent littering by construction staff at work sites by providing bins or waste on site is emphasised during Full baas in sufficient locations. induction. Provide separate bins for hazardous / polluting materials and mark these clearly. Full Store hazardous / polluting materials on impermeable ground until it is disposed of / collected. Dispose of waste appropriately to prevent pollution of soil and groundwater. Full **Emphasised during Toolbox** Talks and Environmental Do not allow any burning or burying of waste on site. Full Induction. **CONTAMINATED WATER/RUN-OFF MANAGEMENT** Prevent discharge of any pollutants, such as cements, concrete, lime. chemicals, and other contaminated wastewater and fuels into the Full environment. Direct run-off from fuel/workshop/equipment washing areas and concrete swills into conservancy tanks to be disposed of at a site approved by the Full ECO. Place drip trays / sand trays under engines of vehicles or mechanical All vehicles have drip trays Full equipment when parked or stored overnight or longer. placed underneath if and



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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non when standing. Clean up any hydrocarbon spills immediately, through containment and No spills noted during the removal of free product and dispose of contaminated material at a licensed n/a site inspection. Multiple spill waste disposal facility. kits available on site. STORMWATER MANAGEMENT Collect stormwater from bunded greas in a suitable container and remove Full from the site for appropriate disposal. Use berms and stormwater drainage systems to prevent surface run-off from Full entering site excavations. Implement measures to maximise the infiltration of stormwater on site. Full Install temporary cut-off drainage channels to prevent stormwater runoff from Full entering the construction footprint Implement the Stormwater Management Plan. Full **EROSION MANAGEMENT** Ensure that all roads and tracks used for construction have the appropriate Full water diversion / erosion control structures. Restrict construction to drier summer months, if possible, to avoid erosion of Full exposed soils and sedimentation of surrounding habitats. **AIR QUALITY MANAGEMENT** Avoid clearing of vegetation until absolutely necessary (i.e. just before Full earthworks) Stabilise exposed surfaces as soon as is practically possible Full Avoid excavation and handling and transport of materials which may generate dust under high wind conditions or when a visible dust plume is Full present.

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non Minimise dust generated off stockpiles: □ Locate piles in sheltered areas where possible; ☐ Place the stockpile lengthwise into the wind; ☐ Minimise the slope of the stockpile (maximum slope of 2:1); ☐ Limit stockpile sizes: □ Install barriers on three sides of the stockpile (maximum 50% material Full porosity) if required; ☐ Limit activity to the downwind side of the pile; ☐ Use the last in – first out system of stockpile management; and □ Cover stockpiles when not in active use for some time and / or use an environmentally friendly chemical spray to bind soil. Reduce airborne dust at construction sites through: Dampening measures □ Dampening dust-generating areas with freshwater; and Full conducted on site using Covering dumps or stockpiles of loose material with plastic sheeting or non-potable water. netting, especially during windy conditions. Limit vehicle speeds to 20 km/h on unconsolidated and non-vegetated Full areas. Cover trucks transporting loose material to or from site with tarpaulins, plastic Full or canvas. Ensure that any material spilled from trucks during transport to or from the site Full is cleaned up immediately. Use bedliners to minimise seepage and spillage of material from bottom-Full dumping trucks Pre-water material to be moved, if possible. Full Check weather reports daily and closely observe weather patterns to enable Full action to be taken immediately if conditions change.

n/a

Wash wheels of vehicles before vehicles exit the site to ensure that dust is not

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No washing of vehicles

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non carried off-site. Use manual or automated sprayers and / or drive-through occurring on site. wheel washing bays. Limit the number of vehicles allowed on-site and restrict the movement of these vehicles over unsurfaced or unvegetated areas once they are on site Full to reduce dust problems. Sweep roads leading from the site if wheel washing facilities do not Full effectively prevent mud being deposited on access roads. Sweep roads at site entrance and exit points regularly, to prevent the spread Full of mud / dust by construction vehicles Maintain all generators, vehicles, vessels and other equipment in good Full working order to minimise exhaust fumes. Respond rapidly to complaints and take appropriate corrective action. Full **NOISE MANAGEMENT.** Working times are normally Monday to Saturday Limit noisy construction activities to day-time from Monday to Saturday or in 7:00am to 19:00PM. Anv Full accordance with relevant municipal bylaws, if applicable. additional working hours will be communicated Comply with the applicable municipal and / or industry noise regulations. Full Notify adjacent residents before particularly noisy construction activities will affected adiacent No n/a take place residents All generators are checked by the storeman prior to Maintain all generators, vehicles, vessels and other equipment in good Full working order to minimise excess noise. booking out for any leaks or deformities. Enclose diesel generators used for power supply on site to reduce Full

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		Compliance Full/Part/ Non	Comments/ Observations	Action to be taken		
unnecessary noise.						
Respond rapidly to c	omplaints and take appropriate corrective action	Full				
	FIRE MAN	<u>AGEMENT</u>				
Ensure that no fires ar	e permitted on or adjacent to the site.	Full	No fires are allowed on site unless permitted by Eskom Fire Department.			
Ensure that no smoking is permitted on the site		Full	Designated smoking areas has been allocated as per Eskom Requirements.			
Ensure that sufficient fire-fighting equipment is available on site.		Full				
Equip all fuel stores and waste storage areas with fire extinguishers		Full				
Ensure that all personnel on site are aware of the location of firefighting equipment on the site and how the equipment is operated.		Full				
Suitably maintain firefighting equipment		Partial	Three FE found on site due for next service	Ensure FE is checked and serviced regularly.		
	TRANSPORTATION	AND REFUELLI	<u>NG</u>			
•	aintenance of vehicles and machinery to identify and d prevent equipment failures.	Full				
•	e refuelling and maintenance of vehicles/machinery in ne these areas with an impermeable surface and install	Full	Refuelling of machinery are done by M&M Training.			
	ed drip trays for all refuelling and/or repairs done on hese are strategically placed to capture any spillage of	Full	Sufficient drip trays have been allocated for all vehicles and or machinery containing fuel.			

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non Clean up any spills immediately, through containment and removal of free No spills noted during the product and dispose of contaminated material at a licensed waste disposal n/a site inspection facility. Keep spill containment and clean-up equipment at all work sites and for all Full polluting materials used at the site. PROTECTION OF ARCHAEOLOGICAL AND PALEONTOLOGICAL RESOURCES Empower staff to stop works on (chance) discovery of artefacts at the site. Full graves or human remains, fragments of fossil Report the presence of graves or human remains, fragments of fossil bone, ostrich egg and stone fragments to Heritage Western Cape (HWC) or a n/a bone, ostrich egg and stone suitably qualified archaeologist. fragments found during excavation. Agree on suitable mitigation with HWC or the archaeologist. n/a Obtain a permit for the removal of artefacts from the site if any are n/a discovered during construction. TRAFFIC MANAGEMENT Manage construction sites and activities so as to minimise impacts on road traffic as far as possible, e.a.: ☐ Attempt to arrange delivery of materials when it will least disrupt traffic; All internal movement of □ Stagger deliveries if possible rather than concentrating them during "rush" Full vehicles are adhered to by hours; and max speed limit of 35km/h. □ Keep construction materials and machinery at the construction site throughout the construction period, where possible. Ensure that large construction vehicles are suitably marked to be visible to All external vehicles are Full other road users and pedestrians. clearly branded. Ensure that all safety measures are observed and that drivers comply with the Full

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February COMPLIANCE WITH THE EMPR AND EA 2022 Compliance Comments/ Full/Part/ Action to be taken **Observations** Non rules of the road. Ensure that vehicle axle loads do not exceed the technical design capacity Full of roads utilised by the project. Investigate and respond to complaints about traffic. Full **VISUAL ASPECTS** Control litter and keep construction site as clean and neat as possible. Full Housekeeping is on -going Avoid excavation, handling and transport of materials which may generate Full dust under high wind conditions. Keep construction sites tidy and all activities, material and machinery Full Housekeeping is on -going contained within an area that is as small as possible. Night-lighting is directly only Minimise the use of night-lighting. Full at the working area. RESPONSE TO ENVIRONMENTAL POLLUTION Spillages will be cleaned In the event of environmental pollution, e.g. through spillages, immediately accordina to Oil Full Spill stop the activity causing the problem. Management Only resume activity once the problem has been stopped or (in the case of Full spillages) the pollutant can be captured. Repair faulty equipment as soon as possible. Full Install additional bunding / containment structures around the equipment Full that was the source of the leak / spillage to prevent further incidents. Treat hydrocarbon spills, e.g. during refuelling, with adequate absorbent No hydrocarbon spills noted n/a during the site inspection material, which then needs to be disposed of at a suitable landfill. Ensure vehicles and equipment are in good working order and drivers and operators are trained with respect to actions to be taken in the case of a spill Full or leak.

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		Compliance Full/Part/ Non	Comments/ Observations	Action to be taken		
SITE REHABILITATION, TEMPORARY CLOSURE & CLOSURE						
Remove all construction equipment, vehicles, equipment, waste and surplus materials, including site offices, temporary fencing and other facilities, from the site.		n/a				
Clean up and remove any spills and contaminated soil in the appropriate manner.		n/a				
Ensure that no discarded materials are buried on site or on any other land not designated for this purpose		n/a				
Ensure that affected areas are rehabilitated following construction.		n/a				
Rehabilitate areas adjacent to the site (if disturbance is unavoidable) to at least the same condition as was present prior to construction.		n/a				
Use harvested topsoil for rehabilitation following construction.		n/a				
Appoint a suitably qualified professional to undertake or supervise rehabilitation.		n/a				
Rehabilitate all project areas as soon as possible after completion of activities in each area, including removing and/or remediating any contaminated soils.		n/a				
Replace harvested topsoil in areas that are to be rehabilitated as soon as sections of the works are completed (i.e. not only following the completion of all works).		n/a				

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Section	
6	Conclusion

SES has compiled this Environmental Monitoring Report to detail compliance with the EA and EMPr for the site inspection conducted on 22 February 2022.

One partial compliance was noted during the site visit, with relation to Fire Fighting Equipment. Construction should continue to be undertaken in compliance with the EA and EMPr.



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