



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

NOTE: SITE INSPECTION WAS CONDUCTED. SITE OFFICES WERE NOT VISITED AND DOCUMENTS NOT REVIEWED.

NO	ENVIRONMENTAL ASPECTS	CONFORMANCE/ NON-CONFORMANCE/COMMENTS	CORRECTIVE ACTION	CONDITION/ CLAUSE	% RATING
Environmental Policy					
Environmental Management Plan (EMP) and Environmental Authorisation (EA) Training/Awareness					
1.	Has EA_EMP been communicated to an agent, sub-contractor, employee or any person rendering a service to the holder of the authorisation? This includes the Eskom SHEQ Policy and must be displayed.	YES, EMP TRAINING ON 12/09/2014.			100
Planning - Environmental Aspects					
Working Areas					
2.	Have construction activities remained within the designated working areas? Inform the contractor about the no go areas/work restrictions i.e. sensitive vegetation/species and watercourses etc.	YES. MINIMAL DAMAGE CAUSED AROUND STRUCTURES. NO IMPACT ON WETLANDS AND STREAMS			100
3.	Is the housekeeping done neatly i.e. stockpiling of materials & equipment's etc.	YES			100
4.	Are vehicles parked in their demarcated parking areas?	VEHICLES PARKED IN THE SERVITUDE			100
5.	Are working areas well defined with a	NOT DEFINED WITH BARRICADING. NOT			100



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	fence or danger tape, in case of powerline, the servitude width 18m for 11 – 22kV and 45m for 132kV	PRACTICAL WITHIN THE SERVITUDE. FOOTPRINT LIMITED AROUND THE POLE POSITIONS AND ACCESS ROADS. EXCAVATIONS BARRICADED, ALTHOUGH REQUIRE ATTENTION.			
Property Access and Camp Establishment					
6.	Was permission obtained from the property owners before construction commence?	YES. PERMISSION OBTAINED FROM GERT KLAASSEN AND PETER STEYN FOR CONSTRUCTION BEFORE DECEMBER 2014/ WHEAT GROWTH SEASON. PROOF ON FILE.			100
7.	Do the property owners have unrestricted access to their property?	YES			100
8.	Are all access roads and camp establishment created with the assistance of ECO /Botanist /Freshwater Specialist or Site Engineer? If applicable	ECO AND ASSISTANCE FROM THE LAND OWNER.			100
9.	Were entrance gates, walls, paths, roads and fence rehabilitated satisfactorily as per EA-EMP conditions i.e. landowners	NOT AS YET. TO BE ASSESSED BEFORE MOVING OFF SITE AFTER CONSTRUCTION. WILL BE PART OF THE FINAL AUDIT AND SNAG LIST.			100
Vegetation Management					
10.	Are applicable permits available for	NO CLEARANCE OF			N/A



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	indigenous vegetation clearance, cutting, disturbing, damaging or trimming of protected/endangered trees and monumental trees as per applicable SAHRA and City Bylaws acts?	INDIGENIOUS VEGETATION.			
11.	Is the servitude or working area cleared of alien vegetation as per 32-247 Standard for Bush Clearance and maintenance within overhead Powerline servitude procedure i.e. firebreak	PRIMARILY CULTIVATED LAND. BUSH CLEARING NOT PART OF SCOPE FOR MEW.			100
12.	Have all bush clearing and herbicide methods been undertaken under the supervision of a registered Pest Control Officer (PCO) i.e. produce valid letter from DAFF	NO HERBICIDE APPLICATIONS			N/A
13.	Clearance of vegetation in Critical Biodiversity Areas (CBA) must be done with an approved method statement by the ECO and or specialist recommendation as per EA i.e. site, area, height and timing	NO CBA AREAS			N/A



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

Spillages					
14.	Is there a stock of adequate oil spill remediation kit i.e. oil spill kit	YES. MOBILE SPILL KITS			100
15.	Have any spill/leak occurred on site i.e. oil, chemical, diesel, paint, sewer and waste water. Are the spills/leaks visible from construction site	NO			100
16.	Have the spills been managed according to Western Cape Operating Unit Oil Spill Management Instruction reference no. 240-79588150.	N/A			N/A
Natural Heritage Resources					
17.	Were there any tribal graves, archaeological and paleontological sites identified before or during the construction activities?	NO			100
18.	If yes, was construction stopped and the ECO contacted immediately?	N/A			N/A
19.	Was the Heritage Resource Agency or a Heritage Specialist contacted immediately?	N/A			N/A
Portable Toilet/Sanitation					
20.	Are there sufficient portable toilets	CHEMICAL TOILET ON SITE.			100



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	i.e. 1:8 - 10 people and within walking distance	NOT WITHIN WALKING DISTANCE, BUT WITHIN DRIVING DISTANCE.			
21.	Portable toilets to be serviced weekly i.e. clean, smell good, toilet roll & functional at all times. Services receipts available	COULD NOT VERIFY.			N/A
22.	Sanitation and ablution facilities should not result in an impact on the environment? Sewage spillage etc.	NO			100
Integrated Waste Management					
23.	Is there an integrated waste management system in place i.e. intervals for waste disposal, bins labelled accordingly, proper waste storage and tightly contained, waste separation and recycling etc.	WASTE FROM SITE COLLECTED IN BAGS AND TAKEN TO CAMP SITE AFTER WORK.			100
24	Are there sufficient waste bins on site?	YES			100
25.	Was litter noted during site inspection?	NO			100
26.	Waste Manifest, Safe disposal certificate from the landfill site and Letter of agreement from the	COULD NOT VERIFY			N/A



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	Municipality to comply with Waste General Notice (GN) No. 435 of 2011, Annexure 1 & 2. All other provisions of NEM:WA to be complied with if applicable.				
27.	Are the hazardous and non-hazardous products (paints, paste, chemicals etc.) labelled and have Material Safety Data Sheet (MSDS)?	NONE ON SITE.			N/A
Additional Environmental Aspects					
28.	Are there trained fire fighter and adequate fire-fighting equipment in appropriate places i.e. valid fire extinguisher	YES			100
29.	Are there effective dust control (if necessary) measures in place.	NO ISSUES OR COMPLIANTS			100
30.	Are there noise control (if necessary) measures in place.	NO ISSUES OR COMPLAINTS. NO WORK ALLOWED OVER WEEKENDS ON TWEKUYLEN FARM.			100
31.	Are there any erosion control (if necessary) measures in place?	NO EROSION ISSUES NOTED			100
32.	Are there top soil management in place i.e. separation of top soil vs. sub-soil, backfilling and levelling (if	ALL SOIL BACKFILLED OR GIVEN TO LAND OWNER.			100



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	necessary)				
33.	Is there any impact on the water resource - wetland, stormwater drain, river, stream, lake, dam and riparian vegetation?	NO. COMPLIANCE TO GA.			100
Implementation and Operation - Resources, Roles, Responsibility and Authority					
34.	Have environmental Roles and Responsibilities been assigned to relevant personnel? One (1) person to be appointed per team?	YES. ANTON WEST AND MORRIS MGWEBA HAVE BEEN APPOINTED.			100
Communication					
35.	Has the Environmental Emergency Preparedness and Response (EEPR) procedure (WPC020) being communicated to everyone on site?	YES			100
36.	Have the non-conformance report (NCR), Incidents and any other deviations being communicated to the project team?	N/A FOR THIS AUDIT			N/A
37.	Has the contractor conducted weekly environmental awareness/toolbox sessions? Keep a signed attendance register.	COULD NOYT VERIFY			N/A
38.	Have the relevant aspects of the	YES			100



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	Eskom procedures and instruction been communicated?				
Documentation - Control of Documents					
39.	Are there Eskom Procedures on file such as Waste Standards, Bush Clearing procedure and Oil Spill Instruction etc.?	COULD NOT VERIFY			N/A
Environmental Emergency Preparedness and Response procedure (EPR)					
40.	Are the emergency numbers available and up-to-date to all construction personnel?	YES			100
41.	Is there an Environmental Emergency preparedness Procedure to deal with environment-related incidents (e.g. fires, oil spillages, snakes bites, bee stings etc.? Eskom EPR procedure to be available and displayed on site.	COMPLY WITH ESKOM EEPP AND RELEVANT PROCEDURES			100
Checking - Non Conformity and Corrective Action Plan					
42.	Has there been any deviation from the requirements of EA-EMP, Permit, License, RoD and any other conditions or agreement?	NO			100
43.	If any deviations, have they been reported to Environmental	N/A			N/A



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFM/LD - 4.5.5/003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

	Officer/Clerk of Works/Project Coordinator/Site Manager within 24 Hours e.g. oil & diesel spillages etc.				
44.	Have the action plans been developed and incidents addressed adequately? Shall not exceed more than 24 Hours depending on the incident or action?	ACTION PLAN TO BE DEVELOPED FOR ALL CORRECTIVE ACTIONS LISTED IN THIS AUDIT REPORT	ACTION PLAN TO BE DEVELOPED FOR ALL CORRECTIVE ACTIONS LISTED IN THIS AUDIT REPORT		N/A
45.	Have all the Non Conformances Reports been addressed and closed e.g. complaints, incidents, pollution etc? If applicable	N/A			N/A
Control of Records					
46.	Does the site have Environmental File with EA_EMP and Training records, Incidents Flash Reports, Permits, Licences, RoD, Waste Manifest, Letter of consent, NCR, Inventory of Incidents, Complaints Register, Action Plans and Audit Reports? To be produced when required at all times.	YES			100
Internal Audits					
47.	Has the contractor performed a self-audit and addressed all deviations? Atleast one or more in two weeks?	COULD NOT VERIFY	MORRIS MGWEBA TO FORWARD ALL SELF-AUDITS CONDUCTED FOR THE PROJECT TO DATE.		N/A

	CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST	Template Identifier	240-43921898	3
		Document Identifier	WFM/LD - 4.5.5/003	0
		Authorisation Date	22-Nov-12	
		Review Date	01-Nov-15	

PROJECT DETAILS

Name of the Project : Powerline or Substation	MOORREESBURG-VYEVLEI LINE – MEW STRUCTURES 96-114	Name of the Auditor	MADRE HENDRIKSE
Name of the Construction Representative	CHRIS MATTHEE	Date	5 FEBRUARY 2015
Signature		Signature	SIGNED

COMPLIANCE STATUS

Number of Compliance		31
Number of Non-Conformance		0
Compliance Rating:	Compliant	
	Risk of non-compliant	X
	Non-Compliant	
Percentage Compliance Score		100%