



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921896	3
Document Identifier	WF/MLD - 4.5.5003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

NO	ENVIRONMENTAL ASPECTS	CONFORMANCE/NOV. 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.	Y. Westford did training on 22/11/2015. Discuss EMP Procedures & safety. SHEQ policy displayed.			1
Planning - Environmental Aspects					
Working Areas					
	Have construction activities remained within the designated working areas?	Y			1
2.	Inform the contractor about the no go areas/work restrictions i.e. sensitive vegetation/species and watercourses etc.				
3.	Is the housekeeping done neatly i.e. stockpiling of materials & equipment's etc.	Y			1
4.	Are vehicles parked in their demarcated parking areas?	Y.			1
5.	Are working areas well defined with a	Y. Temporary fence			1



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	fence or danger tape, in case of powerline, the servitude width 18m for 11 - 22KV and 45m for 132KV				
Property Access and Camp Establishment					
6.	Was permission obtained from the property owners before construction commence?	Y. Eskom property.			1
7.	Do the property owners have unrestricted access to their property?	Y			1
8.	Are all access roads and camp establishment created with the assistance of ECO /Botanist /Freshwater Specialist or Site Engineer? If applicable	Y.			1
9.	Were entrance gates, walls, paths, roads and fence rehabilitated satisfactorily as per EA-EMP conditions i.e. landowners	Only after construction.			1
Vegetation Management					
10.	Are applicable permits available for indigenous vegetation clearance, cutting, disturbing, damaging or trimming of protected/endangered trees and monumental trees as per	N/A.			1



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	applicable SAHRA and City Bylaws acts?				
	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	Y			1
11.	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 herbicides used.			1
12.	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	N/A			1
13.	Spillages				
14.	Is there a stock of adequate oil spill remediation kit i.e. oil spill kit	Absorbents & bags. Obtain broom & shovel.			1

Ordered. 2/12/2015



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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	N.			
16.	Have the spills been managed according to Western Cape Operating Unit Oil Spill Management Instruction reference no. 240-79588150.	N/A.			
Natural Heritage Resources					
17.	Were there any tribal graves, archaeological and paleontological sites identified before or during the construction activities?	N.			
18.	If yes, was construction stopped and the ECO contacted immediately?	N/A			
19.	Was the Heritage Resource Agency or a Heritage Specialist contacted immediately?	N/A.			
Portable Toilet/Sanitation					
20.	Are there sufficient portable toilets i.e. 1:8 - 10 people and within walking distance	Three.			
21.	Portable toilets to be serviced weekly i.e. clean, smell good, toilet roll &	Swartland toilets cleared 24/12/14		Obtain slips.	

Done
3/02/2015

3/12/2014
8/10/2015 &
15/10/2015.
Awaiting slips.



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functional at all times. Services receipts available			
Sanitation and ablation facilities should not result in an impact on the environment? Sewage spillage etc.	N		
Integrated Waste Management			
22. 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.	Two bins with lids. Waste removed when bins are full enough for disposal. Recycled @ Malmesbury dump.	Label hazardous waste bin.	
23. Are there sufficient waste bins on site?	Two. 1x general & 1x hazardous.		
24. Was litter noted during site inspection?	N		
25. Waste Manifest, Safe disposal certificate from the landfill site and Letter of agreement from the 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	Waste register with munic receipt numbers. Sewage slips to be obtained.	Obtain sewage disposal slips.	
26.			

Date 3/02/2015

Date 3/02/2015



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applicable.					
27. Are the hazardous and non-hazardous products (paints, paste, chemicals etc.) labelled and have Material Safety Data Sheet (MSDS)?	shutter diesel, cement petrol	place cement, two stroke & shutter oil MSDS on file & discuss			
Additional Environmental Aspects					
28. Are there trained fire fighter and adequate fire-fighting equipment in appropriate places i.e. valid fire extinguisher	Y. Gerardo Lategan is fire fighter.				
29. Are there effective dust control (if necessary) measures in place.	Yes. Dust suppression with H ₂ O.				
30. Are there noise control (if necessary) measures in place.	N/A. Generator under 85 dB level.				
31. Are there any erosion control (if necessary) measures in place?	Not an issue @ present.				
32. Are there top soil management in place i.e. separation of top soil vs. sub-soil, backfilling and levelling (if necessary)	Y. Separation.				
33. Is there any impact on the water resource - wetland, stormwater drain, river, stream, lake, dam and riparian	N. No H ₂ O resources within land close proximity.				

Cement &
shutter oil
closed
3/02/2015
No two-
stroke or
site.



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	vegetation?				
Implementation and Operation - Resources, Roles, Responsibility and Authority					
	Have environmental Roles and Responsibilities been assigned to relevant personnel? One (1) person to be appointed per team?	Y. westland CHIS appointed for site on 21/10/2014.			1
Communication					
35.	Has the Environmental Emergency Preparedness and Response (EEMR) procedure (WPC020) being communicated to everyone on site?	Y. Driving EEMR training.			1
36.	Have the non-conformance report (NCR), Incidents and any other deviations being communicated to the project team?	YES. Audit report for 21/11/2014 sent to Adreno.	Adreno to send audit report to westland.		1
37.	Has the contractor conducted weekly environmental awareness/lookbox sessions? Keep a signed attendance register.	Y. Daily during visit assessments.			1
38.	Have the relevant aspects of the Eskom procedures and instruction been communicated?	Y. Driving EEM training.			1
Documentation - Control of Documents					
39.	Are there Eskom Procedures on file	Y. See attached.			1

on file. 3/02/2015



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	such as Waste Standards, Bush Clearing procedure and Oil Spill Instruction etc.?			
Environmental Emergency Preparedness and Response procedure (EPR)				
40.	Are the emergency numbers available and up-to-date to all construction personnel?	Y. In site office displayed & outside.		
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.	Y. Westland Civils EPP.		
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?	N. Minor administrative gaps to be closed.		
43.	If any deviations, have they been reported to Environmental Officer/Clerk of Works/Project Coordinator/Site Manager within 24 Hours e.g. oil & diesel spillages etc.	N/A		
44.	Have the action plans been developed	N.	Develop action	



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and incidents addressed adequately? Shall not exceed more than 24 Hours depending on the incident or action?	plan.	Develop action plan.		
Have all the Non Conformances Reports been addressed and closed e.g. complaints, incidents, pollution etc? If applicable	N.			1

Control of Records				
45. 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.	y. Procedures, Audits, EA, EMP	File sewage & general waste receipts. File ECC audit reports. File outstanding Eskom documentation.		1

Due 3/02/2015

Internal Audits				
47. Has the contractor performed a self-audit and addressed all deviations? Atleast one or more in two weeks?	Weekly audits 16/11/2015, 11/12/2014, 21/11/2014, 14/11/2014			1

Monthly 28/11/2014
11/12/2014, 14/11/2014

3



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PROJECT DETAILS

Name of the Project : Powerline or Substation	Vyentei SS	Name of the Auditor	M. Hendrikse
Name of the Construction Representative	Hansie Carolissen	Date	21/10/2015
Signature		Signature	

COMPLIANCE STATUS

Number of Compliance	447
Number of Non-Conformance	47
Compliance Rating:	X
Risk of non-compliant	
Non-Compliant	
Percentage Compliance Score	100%

* Develop action plan for "corrective action" column.

Checklist of Documents Requirements for Construction Site

1	Environmental Authorisation				✓
2	Environmental Management Plan				✓
3	Permit/Licence/ROD e.g. Water or vegetation permits				
4	Construction Environmental Audit Checklist				
5	Agreement letters:				
	waste				
	sewage				✓
	drinking water		from here.		
	construction water				
	laydown areas				
	parking areas				
	camp site				
	accommodation				
	land owner				
	Environmental, Occupational Health and Safety Incident Management Procedure - 32 - 95		March 2019		✓
6	Management Procedure - 32 - 95				
	VEGETATION MANAGEMENT AND MAINTENANCE WITHIN		Jan 2019		✓
7	ESKOM LAND SERVITUDES AND RIGHTS OF WAY - 32 - 247				
	Access to Farms (including strategy on dealing with Game Farms) - 34 - 190		March 2010		✓
8	Safety, Health, Environment and Quality (SHEQ) Policy - 32 - 727		Aug 2016		✓
9	Environmental Emergency Preparedness and Response - WPCO20		Nov 2016		✓
10	Land and biodiversity standard - 32 - 815		Aug 2014		✓
11	Land and Biodiversity Policy - 32 - 736		Aug 2014		✓
12	Management of Protected and Indigenous Vegetation - WTR003		Nov 16		✓
13	Eskom Dx Western Cape Operating Unit - Waste Management Plan (WMP) - 2013 Rev 3				✓
14	Eskom Waste Management Standard - 32 - 245		Jan 15		✓
15	Water Management Policy - 32 - 1163		Nov 16		✓
16	Environmental Complaints/Query Register - WPC-008		Nov 17		✓
17	Oil Spill Management Instruction - 240-79588150				
18	Project Audit and EMP Training Schedule		Nov 14.		✓
19	Environmental Management Systems for distribution WCOU		Nov 17		✓
20	In Accordance with ISO14001 - 240-77731322				✓
21	Environmental training, awareness and competence procedure in accordance with ISO14001 environmental Management Systems requirements - 240-83895653		Aug 17		✓
22					

NCE procedure

to dispose @ Sammie dump on 21/10/2015
 ↳ get invoice from murie.
 ↳ outstanding. awaiting from murie 3/02/2015

made to send up until 5/1/2015.
 DONE 27/01/2015
 made to send. on file 3/2/2015.

Diesel boazer. → 950 £. moving between Kipfontein,
Ganda & Malmesbury.

↳ road transport permit

↳ temporary storage permit
certification
registration