



CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST

Template Identifier	240-43921898	3
Document Identifier	WFMILD - 4.5.5003	0
Authorisation Date	22-Nov-12	
Review Date	01-Nov-15	

Environmental Policy

Environmental Management Plan (EMP) and Environmental Authorisation (EA) Training/Awareness

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.

1. Metro Cast
trained on Zebulon
Policy displayed.

Planning - Environmental Aspects

Working Areas

Have construction activities remained within the designated working areas?	Y	
Inform the contractor about the no go areas/work restrictions i.e. sensitive vegetation/species and watercourses etc.		
Is the housekeeping done neatly i.e. stockpiling of materials & equipment's etc.	Y	
Are vehicles parked in their demarcated parking areas?	Y	
Are working areas well defined with a	Y. Temporary fence	



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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				
Was permission obtained from the property owners before construction commence?				
Do the property owners have unrestricted access to their property?				
Are all access roads and camp establishment created with the assistance of ECO /Botanist /Freshwater Specialist or Site Engineer? If applicable				
Were entrance gates, walls, paths, roads and fence rehabilitated satisfactorily as per EA-EMP conditions i.e. landowners				
Vegetation Management				
Are applicable permits available for indigenous vegetation clearance, cutting, disturbing, damaging or trimming of protected/endangered trees and monumental trees as per				



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		Document Identifier	WFMLD - 4.5.5003	0
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1.	applicable SAHRA and City Bylaws acts?			
2.	Is the servitude or working area cleared of alien vegetation as per 32-247 Standard for Bush Clearance and	4		/
3.	11. maintenance within overhead Powerline servitude procedure i.e. firebreak			
4.	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		/
5.	Clearance of vegetation in Critical Biodiversity Areas (CBA) must be done with an approved method done with an approved method statement by the ECO and or specialist recommendation as per EA i.e. site, area, height and timing	W/H		/
6.	Spillages			
7.	Is there a stock of adequate oil spill remediation kit i.e. oil spill kit	Absorbent pads & boom, & peatbark in office once received.	Place shovel,bags	1



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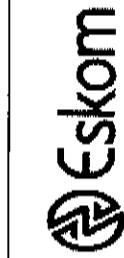
CONSTRUCTION ENVIRONMENTAL AUDIT CHECKLIST		Template Identifier	43821898	3
		Document Identifier	WFN010 -	0
		Authorisation Date	4.5.5003	
		Review Date	22-Nov-12	
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15.	Have any spill/leak occurred on site i.e. oil, chemical, diesel, paint, sewer and 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 & or fix.	29/11/2015 , 22/10/2015	/	/



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functional at all times. Services receipts available		
Sanitation and ablution facilities		
22. should not result in an impact on the environment? Sewage spillage etc.	N	/
Integrated Waste Management		
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. Lids. 1x General 1x Haz. waste Labelled.	/
Are there sufficient waste bins on site?	Yes. Two.	/
Was litter noted during site inspection?		
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. Disposed on schedule Sip# 32040 @ Molinesbury dump. They recycle waste.	/

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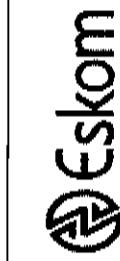
applicable.		
Are the hazardous and non-hazardous products (paints, pastes, chemicals etc.) labelled and have Material Safety Data Sheet (MSDS)?	Labelled & MSDS.	
Additional Environmental Aspects		
27. Are there trained fire fighter and adequate fire-fighting equipment in appropriate places i.e. valid fire extinguisher	Yes	
28. Are there effective dust control (if necessary) measures in place.	No complaints	
29. Are there noise control (if necessary) measures in place.	No	
30. Are there any erosion control (if necessary) measures in place?	No issues.	
31. Are there top soil management in place i.e. separation of top soil vs. sub-soil, backfilling and levelling (if necessary)	Separation.	
32. Is there any impact on the water resource - wetland, stormwater drain, river, stream, lake, dam and riparian	Yes.	



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vegetation?				
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?	1. Onsite appointed Once site gets busy appoint additional persons.		
Communication				
35.	Has the Environmental Emergency Preparedness and Response (EEP/R) procedure (WPC020) being communicated to everyone on site?	1. During Env training.		
36.	Have the non-conformance report (NCR), Incidents and any other deviations being communicated to the project team?	Yes. 1		
37.	Has the contractor conducted weekly environmental awareness/toolbox sessions? Keep a signed attendance register.	Daily toolbox talks form part of EA. Oil spills discussed 3 blockers. 1		
38.	Have the relevant aspects of the Eskom procedures and instruction been communicated?	1. During Env training. 1		
Documentation - Control of Documents				
39.	Are there Eskom Procedures on file	1. NCL procedure 1		

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such as Waste Standards, Bush Clearing procedure and Oil Spill Instruction etc?	Bush harrowed over.	
Environmental Emergency Preparedness and Response procedure (EPR)		
Are the emergency numbers available and up-to-date to all construction personnel?	Y.	
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.	
Checking - Non Conformity and Corrective Action Plan		
Has there been any deviation from the requirements of EA-EMP, Permit, License, RoD and any other conditions or agreement?	N.	
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.	Not yet	
Have the action plans been developed	No actions applied -	



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and incidents addressed adequately?			
Shall not exceed more than 24 Hours depending on the incident or action?		Not at present.	
Have all the Non Conformances Reports been addressed and closed		N/A	
45. e.g. complaints, incidents, pollution etc? If applicable			
Control of Records			
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.			
46.		Y I	
Internal Audits			
Has the contractor performed a self-audit and addressed all deviations?		4. Adreno audited on 27/11/2015 & 5th H audit.	
47. Atleast one or more in two weeks?		Westland weekly audits 30/11/2015, 03/11/2015, 16/11/2015.	
Westland monthly 30/11/2015.			

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PROJECT DETAILS			
Name of the Project : Powerline or Substation	Uganda SS	Name of the Auditor	M. Hendrise
Name of the Construction Representative	J. Collet	Date	30/02/2015
Signature		Signature	

COMPLIANCE STATUS			
Number of Compliance	157		
Number of Non-Conformance	47		
Compliance Rating:	Compliant	X	
Risk of non-compliant			
Non-Compliant			
Percentage Compliance Score	100%		