

Nambwa Campsite EMP Monitoring
Planning Phase

Objective	Management Measure	Monitoring Action & Method	Responsibility	Findings
Environmental Clearance Certificate	Apply for environmental clearance prior to commencement with construction	File clearance	Operator/Contractor	
EMP and Adhering to all requirements	EMP to be shared and discussed prior to layout of building.	Site plan to ensure that layout of buildings reduces visual impact as per the Scoping Report	Operator/Contractor	
	Organise an awareness meeting with all building staff to ensure awareness and the need for compliance with EMP	Complete EMP awareness training	Contractor	
Social development for Socio-economic benefits	Develop contract monitoring tool to manage & monitor JV contract	Hold inception meeting with conservancy to explain the benefit	Need to share with MET on the new socio-economic benefit to conservancy	
Protection and conservation of existing vegetation	Layout & design should incorporate the existing trees& shrubs with little or no disturbance	Layout & design complies with proposed mitigation. Large specimen trees must not be removed	Contractor	
reduce land degradation & erosion	Design docking sites for boats that will minimise impact of water waves caused by boats	Training to all Boat drivers on how to minimise the wave effect.	Operator/Contractor	
To preserve scenic quality & maintain "sense of place"	Campsite to be place as far as possible to "nestle" in existing vegetation	Compliance with plans	Contractor	
	Place service areas out of sight of guest areas and	Compliance with site plan	Contractor	

	position installations/services using the existing vegetation			
	Materials colour should blend in with the site	Discussions between operator and suppliers	Contractor	
Reduce impact on energy resources	Design energy systems which use, as far as possible, renewable energy	Cost benefit analysis of most appropriate systems BUT which excludes the use of wood for heating (gas entirely acceptable)	Operator Electrician	
Reduce impact on water resources	Use water-saving devices in toilets and low-flow shower heads	Specified in details	Contractor	
	Specify water meters to monitor water consumption	Specified in details	Contractor	
	Place sewerage systems to ensure such that potential for contamination of ground water is minimised	Septic tanks to be positioned out of floodplain waterlogged zone and French drains located in well-drained soils.	Contractor	
	Grey waste water disposal system to be built as should not be piped to septic tanks	French drains to be positioned in well-drained soil. MET (or agent to approve lay-out)	MET (or agent to approve lay-out)	
	Fat traps to be installed at scullery/kitchen	Ensure that specified in details	Operator	

Operational Phase

Objective	Management Measure	Monitoring Action & Method	Responsibility	Findings
To ensure EMP and the Scoping Report understood by management & staff	EMP & Scoping Report incorporated into contract of Lodge Manager	Contract which aligns EMP & Scoping Report	Operator	
	Staff receive training and understand the implications and reasons for the EMP	Training held & roles and responsibilities of various staff members clearly spelt out and included in job descriptions	Lodge Manager/Owner	
To ensure that the agreed socio-economic benefits of the JV contract are achieved	Implement contract monitoring tool	Ensure that reviewed and acted upon at JMC meetings between operator and conservancy	Operator Lodge Manager Conservancy MET	
Reduce impacts on vegetation	Inclusion of existing vegetation in camping area is not removed except where it is a hindrance to camp operations	Conduct regular inspections and keep staff informed	Manger	
	No ornament or planting of foreign plants	Approval from MET	Manger	
	No destruction to trees or damage vegetation	Policy as well as the repercussions should there be non-compliance. Include in code of conduct for staff	Manger	
Care and conservation to prevent impact on wildlife	Guests are aware and educated of the potential danger of wild animals entering campsite	Guides to be trained in responding to elephant, hippo and predators as well as handling of	Manger	

		harmful snakes (appropriate handling equipment should be available at camp)		
	Staff do not have an impact on wildlife	Staff to be aware of the legal implications and company policy in catching, trapping or killing wild animals	Operator / Manager	
Capitalise on presence of lodge for biodiversity management	Complete wildlife monitoring forms on all game drives as requested by MET	Submit summary to conservancy once per month	Lodge Manager with assistance from MET/NGOs	
	Provide reports on species of special interest as required	Share records with MET (or their appointed partners) as required	Lodge Manager Guides	
	Maintain integrity of the area	Report any suspicious behaviour to MET and conservancy	Manager/ Guides	
Minimise land degradation & erosion	Rainfall run-off at lodge site does not cause undue erosion	Regular inspections and if required remedial contouring or drainage	Manager	
	Minimise impacts of boat activities on river banks	Training provided to boat guides on the impacts of boat wakes on exposed river banks and methods to reduce impacts	Manager/ Guides	
To preserve scenic quality & “sense of place”	Mitigation measures implemented during construction phase are maintained	Regular inspections of screens etc. hiding services & installations are functional and if required repair	Manager	

Minimise impact on water resources	Staff are aware of the need to not use water wastefully	Undertake staff training	Manager	
	Water usage & consumption is within the "best practice guidelines"	Monitor water usage on a monthly basis and calculate usage per guest and for staff members and compare against targets	Manager	
	There is no leakage from water systems	Undertake regular inspections of all water pipes	Manager	
soil & water pollution	Spillages of potentially harmful substances must be cleared immediately and disposed of at an appropriate site	Inspection and follow-up clean-ups if required. Spillages and the resultant clean-ups must be documented and supported by photographs and reported at JMC meetings	Manager	
	Functional septic tanks	Undertake regular inspections and, if required, de-sludge	Manager	
	Functional fat traps	Inspect & clean on a regular basis and store matter in sealed containers	Manager	
	Functional soak-aways	Inspect on a regular basis	Manager	
	Functional and leak-free waste water pipes	Inspect on a regular basis on repair if required	Manager	

	Use of environment-friendly soaps & detergents	Ensure that procurement specifies this need	Manager	
	No contamination of soil or water by fuels or oil	Ensure that all fuels stored and managed to reduce risk of spillages	Manager	