

## **EMP CHECKLIST**

<b>Instructions for Reviewing EMP:</b>	
<b>Step 1</b>	Briefly overview the reports to understand how it is organised and to determine the completeness of the information provided.
<b>Step 2</b>	Consider whether each Review Question, is relevant to the specific project. If so enter "Yes" in Column 3.
<b>Step 3</b>	<p>If a Review Question is identified as relevant, review the EMP report in more detail and decide whether the information provided is sufficient for decision-making. If it is complete enter "Yes" or if is incomplete enter "No" in Column 4.</p> <p>Factors to consider include:</p> <ul style="list-style-type: none"> <li>• The legal provisions that apply and the factors that the decision maker is required to take into account in the consent process for the project;</li> <li>• Whether the consent process at the EMP stage is about the principle of the project or the detailed design;</li> <li>• The scale and complexity of the project and the sensitivity of the receiving environment;</li> <li>• Whether the environmental issues raised by the project are high profile; and</li> <li>• The views of the public and consultees about the project and the degree of controversy.</li> </ul>
<b>Step 4</b>	If the answer to a Review Question is "No" consider what outstanding information is required and note this in Column 4. The reviewer may also wish to make any suggestions on where or how the information could be obtained.

<b>SECTION 1 – PROJECT DETAILS</b>	
1.1	Project Reference No
1.2	Project Title
1.3	Project Location
1.4	Project Co-ordinates
1.5	Property Description (Farm Portion and ownership)
1.6	Applicant
1.7	Environmental Assessment Practitioner (EAP)

No.	Review Question	Relevant?	Adequately addressed?	Further information
<b>SECTION 2 – PROJECT DESCRIPTION</b>				
The Objectives and Physical Characteristics of the Project				
2.1	Does the EMP take into account all the potential impacts on the environment?			
2.2	Does the EMP provide feasible and practical solutions to environmental impacts?			
Production Processes and Resources Used				
2.3	Does the EMP mitigate against any direct effects on the characteristics of water resources and water availability in the area?			
Prediction of Secondary, Temporary, Short Term, Permanent, Long Term, Accidental, Indirect, Cumulative Effects				
2.4	Are there any issues on mitigation measures not			

No.	Review Question	Relevant?	Adequately addressed?	Further information
	addressed in checklist and further information is required before a decision can be taken?			
<b>SECTION 3 – CONDITIONS OF CONTRACT</b>				
Duties and Powers				
3.1	Is there an indication of communication channels and reporting procedures?			
Non – Compliance				
3.2	What process is followed if the developer is not in compliance with the EMP and other legal requirements?			
<b>SECTION 4 – SITE ESTABLISHMENT AND HOUSEKEEPING</b>				
4.1	Will the site establishment plan be developed with the buy-in or prior approval of the environmental officer before implementation?			
4.2	Are any special environments identified and protection thereof sufficiently addressed?			
4.3	Where there are significant adverse effects on any aspect of the environment is the potential for mitigation of these effects discussed?			
4.4	Is it clear whether the Developer has made a binding commitment to implement the proposed mitigation or that the mitigation measures are just suggestions or recommendations?			
4.5	Are arrangements proposed to monitor, manage and report on mitigation measures?			
<b>SECTION 5 – CONSTRUCTION PHASE</b>				
Prediction of Direct Effects				
5.1	Does the EMP indicate the location of the site camp?			
5.2	Are any special environments identified and protection thereof sufficiently addressed (e.g. characteristics of a water resource?)			
Residues and Emissions				
5.3	Are the methods for collecting, storing, treating, transporting and finally disposing of the wastes described (including spoil material)?			
5.4	Is the potential for resource recovery from wastes and residues discussed? (including re-use, recycling or energy recovery from solid waste and liquid effluents)			
Risks of Accidents and Hazards				
5.5	Are any risks associated with the Project discussed? Risks from handling of hazardous materials Risks from spills, fire, explosions Risk of traffic accidents Risks from breakdown or failure of processes or facilities Risks from exposure of the Project natural disasters (earthquake, flood, landslide, etc)			
5.6	Are measures to prevent and respond to accidents and abnormal events described? (preventative measures, training, contingency plans, emergency plans, etc.)			
5.7	Are responsibilities for implementation of mitigation including funding clearly defined?			

No.	Review Question	Relevant?	Adequately addressed?	Further information
5.8	Are arrangements proposed to monitor and manage residual impacts?			
<b>SECTION 6 – REINSTATEMENT AND REHABILITATION</b>				
6.1	Is the reinstatement and after use of land occupied temporarily for operation of the Project described? (e.g. land used for mining or quarrying)			
6.2	Are any special environments identified and protection thereof sufficiently addressed (e.g. characteristics of a water resource)?			
<b>SECTION 7 – OPERATIONAL PHASE</b>				
7.1	Are the types and quantities of outputs produced by the Project described? ( these could be primary or manufactured products, goods such as homes, transport, retailing, recreation, education and municipal services)			
7.2	Are any special environments identified and protection thereof sufficiently addressed (e.g. characteristics of a water resource)?			
Residues and Emissions				
7.3	Are the methods for collecting, storing, treating, transporting and finally disposing of the wastes described (including spoil material)?			
Risks of Accidents and Hazards				
7.4	Are any risks associated with the Project discussed? Risks from handling of hazardous materials Risks from spills, fire, explosions Risk of traffic accidents Risks from breakdown or failure of processes or facilities Risks from exposure of the Project natural disasters (earthquake, flood, landslide, etc)			
7.5	Are measures to prevent and respond to accidents and abnormal events described? (preventative measures, training, contingency plans, emergency plans, etc.)			
<b>SECTION 8 – DECOMMISSIONING PHASE</b>				
<b>SECTION 9 – DWA SPECIFIC REQUIREMENTS</b>				
<b>NEED FOR WATER USE AUTHORISATION</b>				
9.1	Does the activity require authorisation for a water use in terms of the National Water Act (No. 36 of 1998)?			
9.2	If the activity entails a water use, is proof attached that an application was submitted to DWA?			
9.3	Was an Integrated Water and Waste Management Plan (IWWMP) submitted?			
9.4	Did the IWWMP include an Environmental Risk Assessment?			
9.5	Was a Reserve Determination undertaken?			

**OVERALL APPRAISAL OF THE EMP**

Comment: