

4. DESCRIPTION OF ENVIRONMENTAL IMPACTS

No.	Criterion	Relevant? (Y/N)	Judgement (C/A/I)	Comment
	<p><i>Impact Identification</i></p> <p>(Note: impacts may be described taking into account the mitigation measures which form a part of the basic project design, or mitigation may be delineated after significant impacts have been identified. In the later case the information should describe impacts before and after adopting mitigation measures).</p>			
4.1	Have direct and indirect/secondary effects of constructing, and operating the project been considered?			
4.2	Does the information include likelihood of induced developments and their impacts?			
4.3	<p>Have the above type of impacts been investigated in so far as they affect the following:</p> <ul style="list-style-type: none"> } Air } Noise } Water } Soil } Landscape } Land use } Drainage pattern } Ecology/flora/fauna } Historic and cultural heritage } Impacts on people and communities } Impact on transport system 			

4. DESCRIPTION OF ENVIRONMENTAL IMPACTS (Contd.)

No.	Criterion	Relevant? (Y/N)	Judgement (C/A/I)	Comment
4.4	If any of the above is not of concern in relation to the specific project and its location is this clearly stated in the information?			
4.5	Is the investigation of each type of impact appropriate to its importance to the decision-making and concentrating on the key issues and avoid unnecessary information.			
4.6	Are the impacts that may be insignificant, but may contribute incrementally to a significant effect, considered?			
4.7	Does the information include description of the methods/approaches used to identify impacts and the rationale for using them?			
4.8	Has impacts due to upset operating conditions, and/or unusual environmental conditions/ accidents and emergencies been considered.			
4.9	If the nature of the project is such that accidents are possible that might cause severe damage to the surrounding environment, has an assessment of the probability and likely consequences of such events been carried out and the main findings reported?			

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No.	Criterion	Relevant? (Y/N)	Judgement (C/A/I)	Comment
	<i>Magnitude of Impacts</i>			
4.10	Are the impacts described in terms of nature and magnitude of change (location, number, value, and sensitivity) in the affected receptors?			
4.11	Has the time-scale over which the effects will occur been predicted (whether impacts are short, medium, or long term, temporary or permanent, reversible or irreversible?)			
4.12	Where possible, have predictions of impacts been expressed in quantitative terms? Otherwise have qualitative descriptions been defined?			
	<i>Data and Methods</i>			
4.13	Have the methods used to predict the nature, size and scale of impacts been described and are appropriate to the importance of each projected impact?			
4.14	Are the data used in impact predictions adequate? Have their sources been clearly identified?			

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No.	Criterion	Relevant? (Y/N)	Judgement (C/A/I)	Comment
	<i>Evaluation of Impact Significance</i>			
4.15	Has the significance of impacts on local community and environment been discussed?			
4.16	Has the significance of impacts been discussed taking into account the appropriate National Standards or Norms, wherever available?			
4.17	Where National Standards or Norms are not available, have the impacts been evaluated with reference to the Norms/Standards set by International Agencies?			
4.18	Does the information include a clear indication of which impacts may be significant and which may not?			

4 Description of Environmental Impacts: Appraisal of Review Area

The reviewer can use this Area Checklist to derive a single appraisal of the quality of environmental information submitted within each Appraisal Area. An appraisal of the information could be made according to the following system (which may then form input into the overall project appraisal at the end of the checklist).

Score	Grade	Criteria
2	Excellent :	The environmental information contains everything required for decision-making on the project. There are no gaps.
1	Good :	The environmental information contains most of the information required as far as it is relevant in the particular circumstances of this project; any gaps are relatively minor.
0	Satisfactory :	The information presented is not complete; there are significant omissions but in the context of the proposed project, these are not so great as to prevent a decision being made on whether the project should be allowed to proceed.
-1	Inadequate :	Some of the information has been provided but, there are major omissions; in the context of the proposed project these must be addressed before a decision on whether the project should be allowed to proceed can be taken.
-2	Poor :	The information required has not been provided or is far from complete and, in the context of the proposed project, the omissions must be addressed before a decision in whether the project should be allowed to proceed can be taken.

I recommend that this Review Area be assigned the following:

Grade	Score	Comment (where a score is less than or equal to zero, and, where appropriate and feasible, please expand on recommended future actions)