National Grid
VIP Peak District (EAST) Project – Overview of Environmental Assessment Methodology

MWH now part of Stantec

Define Receptor Class
Surface water resources
Groundwater resources
Hydromorphology
Water quality
Flooding and Drainage

Define Receptor Value
High
Medium
Low
Very Low
Uncertain

Define Impact Magnitude Criteria
High
Medium
Low
Very Low
Beneficial

Develop Receptor Criteria for each Receptor Class / Receptor Value (Based on: WFD water body status classes, Conservation designations, Water supply end uses, Source protection & drinking water protected zones, Flood risk zones, Water feature characteristics)

Define Significance of Effect Criteria
Major
Moderate
Minor
Negligible

List Potential Receptors

Undertake Potential Receptor value assignment

Should the Receptor be retained for further consideration?

No

Remove Receptor from further consideration

Yes

Identify Receptor pressure from foreseen activities, and related direct / indirect risks and whether temporary or permanent

Identify relevant embedded mitigation actions

Assess impact magnitude & significance from adoption of embedded mitigation

Is significance of effect Moderate or above?

No

Remove Receptor from further consideration

Yes

Identify additional mitigation actions / provision of additional advice

Assess impact magnitude & significance from adoption of additional mitigation actions

Is significance of effect Moderate or above?

No

Remove Receptor from further consideration

Yes

Comment on residual significance for remaining Receptor(s)

Preparation for impact assessment

Identification of Potential Receptors

Pre-screening to remove Receptor from process due to negligible value, non-applicability or no available information on status

Assess impact of adoption of embedded mitigation measures on Receptors from project

Assess impact of adoption of additional mitigation measures on Receptor impacts from project