HMWB Classification Scheme and Derivation of ecological potential

I Inventory Basis:

Provisional classification as heavily modified water body (HMWB/HMWB-candidate; Basis: SWB-update)

II Status Assessment (Monitoring)

a. Determination of the biocomponent(s) relevant for the assessment
b. Determination of sampling site
c. Examination and assessment

Does the first assessment (monitoring) yield a good ecological status?

no

yes (not yet reliable)

yes

no

Examination:
- Is it possible to apply the result to the SWB as a whole?
- Are there any residual dynamics present relating to hydromorphological processes?

yes

Natural SWB

III HMWB Step "Effects of restoration measures" (see Art. 4 (3) (a) WFD)

Is it possible to achieve a good ecological status by means of hydromorphological restoration measures without significant adverse effects on the HMWB-relevant uses or the wider environment?

no

yes

Natural SWB

IV HMWB Step "Significantly better environmental option" (see Art. 4 (3) b) WFD)

Is it possible to achieve a good ecological status using other suitable means to achieve the purpose of the HMBW-relevant uses (without disproportionate costs and provided that they are technically feasible) which are a significantly better environmental option?

no

Classification as HMWB

yes

Natural SWBK

V Derivation of the ecological potential

a) Category change?
b) Change of assessment type?
c) Shift of class limits? (special cases)

Is there a good ecological potential present?

no

yes

Objective achieved: no further measures as specified by WFD required

VI Selection measures and achievement of environmental objective

a) Application of Catalogue of Measures for Hydromorphology
b) Examination of feasibility, ecological effectiveness, cost efficiency
c) Prioritization / financeability / time horizon (iterative process)

Effectiveness forecast: **Can the good ecological potential be achieved by 2015 by applying the proposed measures?**

no

yes

VII Procedure verfication step

Verification

Verification of the derivation of the ecological potential and possible measures

Verifiifation completed

Deadline extension and
selection of reasonable measures
for a restoration as far-reaching as possible

Inclusion of the selected measures in the POM

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