

MITIGATION PLAN CHECKLIST
CWM for Impacts to Wetlands and Tidal Waters

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|-----------------|---|----------------|
| Application No: | <input type="checkbox"/> New or <input type="checkbox"/> Re-submittal | Date Received: |
| Reviewed By: | Complete: <input type="checkbox"/> Yes <input type="checkbox"/> No | Date: |

Items Required for Completeness

Comments

| Section 1: CWM Plan Overview | | |
|---|--------------------------|--|
| Ecological goals and objectives | <input type="checkbox"/> | |
| CWM concept in general terms, including how functions and values will be replaced | <input type="checkbox"/> | |
| Summary of CWM acreage by | | |
| • Method | <input type="checkbox"/> | |
| • HGM and Cowardin class/subclass | <input type="checkbox"/> | |
| Meets ratios | <input type="checkbox"/> | |
| Summary of net gains and losses of functions and values | <input type="checkbox"/> | |

| Section 2: CWM Site Information | | |
|---|--------------------------|--|
| CWM site owner name, address and phone | <input type="checkbox"/> | |
| If CWM site owned by other than the applicant, legal agreement agreeing to use and long term protection | <input type="checkbox"/> | |
| <input type="checkbox"/> T,R,S <input type="checkbox"/> ¼,¼ sec. <input type="checkbox"/> Tax lot <input type="checkbox"/> Lat/long | <input type="checkbox"/> | |
| <input type="checkbox"/> Physical address <input type="checkbox"/> Road milepost | <input type="checkbox"/> | |
| <input type="checkbox"/> Mapped location of CWM site relative to impact site | <input type="checkbox"/> | |

| Section 3: Description of How the CWM Addresses the Principal Objectives (Required for all Permittee-responsible mitigation. If the impact is less than 0.2 acres and the applicant is proposing MB credits, PIL or FIL, applicant does not need to address the principal objectives.) | | |
|---|--------------------------|--|
| Replaces | | |
| • Lost functions and values | <input type="checkbox"/> | |
| • In-kind by classification or justification for out-of-kind | <input type="checkbox"/> | |
| Provides local replacement for locally important functions and values lost, if applicable | <input type="checkbox"/> | |
| CWM is self sustaining and minimizes maintenance needs | <input type="checkbox"/> | |
| Siting considerations for ecological suitability | <input type="checkbox"/> | |
| Minimizes temporal loss | <input type="checkbox"/> | |

| Section 4: CWM Existing Site Conditions (Baseline Information) | | |
|---|--------------------------|--|
| Wetland delineation or determination if wetlands present | <input type="checkbox"/> | |
| HGM and Cowardin class(es)/subclass(es) of any wetlands present at CWM site | <input type="checkbox"/> | |
| Description of existing and proposed hydrology: | | |
| • Water source, duration, frequency of inundation or saturation, and depth | <input type="checkbox"/> | |
| • Necessary water rights | <input type="checkbox"/> | |

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| • Water features within 500' of CWM site | <input type="checkbox"/> | |
| Existing plant communities and their distribution including the abundance of exotic species | <input type="checkbox"/> | |
| Known site constraints or limitations | <input type="checkbox"/> | |
| For Enhancement Projects | | |
| • Factors that led to the degraded condition of the wetlands | <input type="checkbox"/> | |
| • How proposal will reverse degradation | <input type="checkbox"/> | |
| For Restoration Projects | | |
| • Data to support the existence of former wetland and current non-wetland status | <input type="checkbox"/> | |

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| Section 5: Functions and Values Assessment at Impact and CWM Site (functional assessment is not required for the CWM site if MB credits, PIL or FIL is proposed) | | |
| Appropriate method | | |
| • ≤0.2 ac., ORWAP or BPJ with rationale | <input type="checkbox"/> | |
| • >0.2 ac., HGM reference-based method is available | <input type="checkbox"/> | |
| • >0.2 ac., HGM referenced-based method not available, ORWAP must be used | <input type="checkbox"/> | |
| F & V assessment data in appendix | | |
| • Impact site | <input type="checkbox"/> | |
| • Existing wetlands at CWM site | <input type="checkbox"/> | |
| • Predicted post-treatment state | <input type="checkbox"/> | |
| Summary table of expected gains and losses of F&V | <input type="checkbox"/> | |

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| Section 6: Maps, Drawings and Construction Specifications | | |
| Scaled site plan with | | |
| • CWM site boundaries | <input type="checkbox"/> | |
| • Existing wetlands by class | <input type="checkbox"/> | |
| • Proposed restoration, creation and enhancement areas by class | <input type="checkbox"/> | |
| • Buffers | <input type="checkbox"/> | |
| • Existing and proposed contours | <input type="checkbox"/> | |
| • Cross section locations | <input type="checkbox"/> | |
| • Construction access locations | <input type="checkbox"/> | |
| • Staging areas | <input type="checkbox"/> | |
| Cross sections | | |
| • Scaled | <input type="checkbox"/> | |
| • Existing and proposed elevations | <input type="checkbox"/> | |
| • Proposed water depth | <input type="checkbox"/> | |
| Construction schedule | <input type="checkbox"/> | |
| Schematic of any water control structures | <input type="checkbox"/> | |
| Planting list for each HGM/Cowardin class (w/scientific name and indicator status) | <input type="checkbox"/> | |

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| Section 7: Monitoring Plan | | |
| Performance standards | | |
| • Pre-defined by DSL (routine) | <input type="checkbox"/> | |
| • Site specific | <input type="checkbox"/> | |
| Monitoring plan | | |
| • Schedule | <input type="checkbox"/> | |
| • Methods | <input type="checkbox"/> | |

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| <ul style="list-style-type: none"> • Plot locations • Photo documentation locations | <input type="checkbox"/> <input type="checkbox"/> | |
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| Section 8: Long-term Protection and Financial Security Instruments | | |
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| Protection instrument draft required prior to issuance | <input type="checkbox"/> | |
| Description of proposed financial security instrument (final instrument required prior to issuance) | <input type="checkbox"/> | Type and Amount required |
| Long-term maintenance plan (post-monitoring period) <ul style="list-style-type: none"> • Anticipated ownership • Anticipated L-T maintenance actions • Entity responsible for maintenance • Anticipated funding source | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

Drawings must be no larger than 8 1/2 x 14 and may be in black & white or color. Match lines may be used for multiple pages of a drawing. Scale bars are required.

For CWM in tidal waters, drawings must show relevant tidal elevations relative to mean lower low water (MLLW) using the nearest local tidal datum. The elevation of MLLW must be referenced to the North American Vertical Datum 1998 (NAVD88).