

Mitigation Plan Worksheet

PIN:

1) Select any of the following:

Project proposes permanent loss of jurisdictional wetlands > 1/10 acre.

Project proposes permanent streambed loss > 0.03 acre.

2) Request for waiver of compensatory mitigation (General Condition 27.c)

Has the District Engineer provided in writing that another form of mitigation would be more environmentally appropriate? Yes: No: (If yes, explain below)

Explain how the adverse effects of the proposed activity are minimal below.

3) How is mitigation for the proposed activity being provided?

Banked In-lieu Fee Mitigation. If checked, describe how the credits will compensate for aquatic resource functions and services lost as a result of the project below and complete worksheet item 4.

Permittee Responsible Mitigation. If checked, describe the compensation amount proposed per resource type (NWI classification) and how the mitigation proposal will compensate for aquatic resource functions and services lost as a result of the project below and complete worksheet item 5.

4) For Banked In-lieu Fee Mitigation, describe the compensation type(s) of credit being assigned,

Provide compensatory credit holder contact information and attach a letter of mitigation credit availability.

5) For Permittee Responsible Mitigation,

- Attach a mitigation site location map depicting proximity to the impact site.**
- Attach documentation of mitigation site legal protection (conservation easement or restrictive covenant).**
- A conceptual compensatory mitigation plan is attached to this application. (Complete section A below)**

OR

- A detailed compensatory mitigation plan is attached to this application. (Complete section B below)**

Note: Although a conceptual mitigation plan may be sufficient for the purposes of a RFA submission, a detailed mitigation plan must be approved by the Corps before any work may occur within jurisdictional areas (impacts occur) on the project site.

Note: Mitigation plan requirements pursuant to 33 CFR 332.4(c) / 40 CFR 230.4(c) are provided in the following link:
https://www.epa.gov/sites/default/files/2015-07/documents/mitigation_plan_requirements.pdf

A. Elements of a conceptual compensatory mitigation plan are included below.

Describe the following information at a minimum: proposed compensation type(s) (restoration, creation, preservation, riparian buffer, etc.), a summary of post establishment resource type(s) (NWI classification(s)) of wetland or stream systems within the mitigation area, and brief discussion on factors considered for site selection (i.e. soils, water source, potential for invasive species, etc.),

Consistent with 33 CFR 332.5; describe objective and verifiable ecological performance standards used to confirm achievement of compensatory mitigation objectives.

Consistent with 33 CFR 332.6; briefly describe the mitigation site monitoring plan method(s) proposed to confirm achievement of compensatory mitigation objectives and/or establishment of resource types.

B. The 12 Components of a (detailed) Compensatory Mitigation Plan are provided below.

Objectives: A description of the resource type(s) and amount(s) that will be provided, the method of compensation (restoration, establishment, preservation etc.), and how the anticipated functions of the mitigation project will address watershed needs.

Site selection: A description of the factors considered during the site selection process. This should include consideration of watershed needs, onsite alternatives where applicable, and practicability of accomplishing ecologically self-sustaining aquatic resource restoration, establishment, enhancement, and/or preservation at the mitigation project site.

Site protection instrument: A description of the legal arrangements and instrument including site ownership, that will be used to ensure the long-term protection of the mitigation project site.

Baseline information: A description of the ecological characteristics of the proposed mitigation project site. This may include descriptions of historic and existing plant communities, historic and existing hydrology, soil conditions, a map showing the locations of the impact and mitigation site(s) or the geographic coordinates for those site(s), and other characteristics appropriate to the type of resource proposed as compensation. The baseline information should include a delineation of waters of the United States on the proposed mitigation project site.

Determination of credits: A description of the number of credits to be provided including a brief explanation of the rationale for this determination. For permittee-responsible mitigation, this should include an explanation of how the mitigation project will provide the required compensation for unavoidable impacts to aquatic resources resulting from the permitted activity.

Mitigation work plan: Detailed written specifications and work descriptions for the mitigation project, including: the geographic boundaries of the project; construction methods, timing, and sequence; source(s) of water; methods for establishing the desired plant community; plans to control invasive plant species; proposed grading plan; soil management; and erosion

control measures. For stream mitigation projects, the mitigation work plan may also include other relevant information, such as planform geometry, channel form (e.g., typical channel cross-sections), watershed size, design discharge, and riparian area plantings.

Maintenance plan: A description and schedule of maintenance requirements to ensure the continued viability of the resource once initial construction is completed.

Performance standards: Describe ecologically-based standards that will be used to determine whether the mitigation project is achieving its objectives.

Monitoring requirements: A description of parameters monitored to determine whether the mitigation project is on track to meet performance standards and if adaptive management is needed. A schedule for monitoring and reporting monitoring results to the District Engineer must be included.

Long-term management plan: A description of how the mitigation project will be managed after performance standards have been achieved to ensure the long-term sustainability of the resource, including long-term financing mechanisms and the party responsible for long-term management.

Adaptive management plan: Describe the management strategy to address unforeseen changes in site conditions or other components of the mitigation project, including the party or parties responsible for implementing adaptive management measures.

Financial assurances: A description of financial assurances that will be provided and how they are sufficient to ensure a high level of confidence that the mitigation project will be successfully completed, in accordance with its performance standards

List of attached Compensatory Mitigation Plan (conceptual or detailed) site drawings. (list drawing names/numbers in order attached)