

## Corps Supplement – Attachment 2 Mitigation Statement

Operator/Company Name:	
APMA:	Corps permit # (for this APMA):
Waterway:	Date:
<b>Part 1: Avoidance Measures</b>	
<i>These measures avoid impacts to wetlands and streams:</i>	
Are you working on a bench, or other area located at a distance from a stream?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Is your project or a portion of your project located in uplands, or in a previously mined area, (for example, your camp, access road, or stockpiles)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Can you conduct test drilling or other exploration ahead of mining, so as to mine only economic ground?	YES <input type="checkbox"/> NO <input type="checkbox"/>
If your project requires stream crossings, can it be accomplished with fewer crossings?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Can you conduct some activities, such as mobilization or exploration, in winter?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Can your project be accomplished without building a road?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Can your project be accomplished without building a stream diversion?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Based on the boxes that you checked, describe how you will avoid impacts to wetlands or streams:	
<b>Part 2: Minimization Measures</b>	
<i>Most minimization measures are minor project modifications that satisfy the project purpose and need while maintaining or improving environmental quality. Examples are: reducing the scope and size of the project; changing construction methods, materials or timing; and, operation and maintenance practices, or other similar modifications.</i>	
<b>Customary sequence:</b>	
Does your mine plan follow a customary sequence of activities, or phases, involving exploration, development, mining and reclamation?	YES <input type="checkbox"/> NO <input type="checkbox"/>

**Erosion control:**

Condition 2 of the GP requires that operations shall be managed to avoid erosion of fill material beyond the limits of your mine site into waters of the U.S.

Condition 2-b of the GP requires use of erosion control methods, consistent with standard construction practices, to be implemented and maintained in effective operating condition during all phases of mine operation, and during periods of shut down.

Have you considered how site specific conditions such as gradient (slope steepness), soil type (more erodible/less erodible), risk of landslide or slope failure once vegetation is removed, presence of permafrost and other factors, influence the risk for erosion off of your mine site? YES  NO

*Please describe what you will do to manage erosion at your site:*

**Sediment control:**

Condition 3-a of the GP requires that you use measures, consistent with standard construction practices, to manage water at your site to avoid sedimentation beyond the limits of mine site.

*Please describe or sketch what you will do for sediment control at your site:*

**Riparian Area Management:**

Condition 4 of the GP requires maintaining or restoring a vegetated riparian area next to streams. The riparian area width is 50 feet wide on anadromous fish streams and 25 feet wide on all other streams.

Have you contacted the Alaska Department of Fish & Game to confirm what type of stream is at your site? YES  NO

Person contacted: \_\_\_\_\_ Date: \_\_\_\_\_

What type of stream is at your site? Anadromous stream  All other streams

What riparian area width is needed at your site? 50 feet  25 feet

How will you manage the riparian area at your site? Maintain  Revegetate

Have you considered: the types of vegetation present, potential for salvage, transplant or regrowth? Regional growing seasons and recovery rates? YES  NO

Please describe or sketch what you will do to manage the riparian area at your site:

**Stream channel diversions and relocations:**

The GP includes several measures that can be used to minimize impacts to streams from mining.

- What is the length of the original channel? \_\_\_\_\_
- What is the length of the diversion or relocation? \_\_\_\_\_
- What is the difference in length between the original channel and the diversion or relocation? \_\_\_\_\_
- Can the diversion or relocation be constructed to the same length as the original channel? YES  NO
- If not, have you considered constructing grade control within the channel? YES  NO
- Can you utilize an abandoned channel? YES  NO
- Can you construct a channel relocation, rather than a diversion? YES  NO
- Condition 5-f of the GP requires that stream relocations satisfy requirements for floodplain connectivity, stream stability, and riparian revegetation. Will you be able to satisfy these conditions? YES  NO

Please describe what you will do to minimize impacts from your stream diversion or relocation:

## Part 2: Minimization Measures - Restoration Plan for Aquatic Resources

Condition 7 of the GP describes several options for restoration of aquatic resources, including revegetation of non-wetland riparian areas, construction of swales, wetlands, or shallow open water areas, work on historically mined areas or any other project that you propose. Restoration proposals must be approved by the Corps.

- Please attach your Restoration Plan to this Mitigation Statement. Your proposal should include a **Plan View** and **Cross Section**, with dimensions and location, and a **brief description** of your restoration project. Your plan will become a part of your permit. If you fail to provide this information, special conditions to restore aquatic resources may be added to your GP.

Please describe what you will do for your Restoration Plan:

- **Part 3: Compensatory Mitigation** is not required under the GP, however, this section informs you of all options available. Check one option.

<input type="checkbox"/>	Option A - Compensatory Mitigation is not being proposed for this project, because the avoidance and minimization measures described in this Mitigation Statement are appropriate and practicable to the scope and degree of the environmental impacts of the project.
<input type="checkbox"/>	Option B – Permittee Responsible Mitigation will be conducted.
<input type="checkbox"/>	Option C – Compensatory Mitigation will be addressed with either submittal of an In-Lieu Fee, or purchase of credits from an approved Mitigation Bank