



US Army Corps  
of Engineers  
Alaska District

# Special Public Notice

USACE, Alaska District  
Regulatory Division (1145)  
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**ALTERNATIVE METHOD FOR CALCULATING AMOUNTS OF  
DEBITS FOR IMPACTS TO WATERS OF THE U.S, INCLUDING WETLANDS  
IN THE MUNICIPALITY OF ANCHORAGE FOR PROJECTS THAT ARE VERIFIED WITH  
NATIONWIDE PERMITS AND HAVE BEEN DETERMINED TO REQUIRE COMPENSATION**

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Alaska District (Corps) is providing an alternative (referred to as ADCM Lite) to the procedures used to determine the amount of compensatory mitigation required to offset unavoidable impacts to aquatic resources in the Municipality of Anchorage. This alternative to the more robust Anchorage Debit Credit Method (ADCM) will only be used for those projects requiring authorization under Section 404 of the Clean Water Act and qualifying for Nationwide Permit authorization. Nationwide Permits only authorize projects that have minimal individual and cumulative impacts; therefore ADCM Lite is more commensurate to more quickly quantify aquatic resource impacts for smaller projects.

In all cases, compensation is only considered after avoidance and minimization measures for the project have been addressed. The determination of when compensatory mitigation is required will still be based on an evaluation of functional loss pursuant 33 CFR 330.1(e)(3). If compensatory mitigation is determined to be necessary, then application of the ADCM, ADCM Lite or another appropriate method to quantify debits will be applied; the calculation is not the determining factor as to when compensation is required.

ADCM Lite method will still start with a delineation of the aquatic resources by Relative Ecological Value (REV) and use the adjustment factor (debit ratio) associated with the REV value of the aquatic resource. (Refer to Tables 1, 2 and 6 of the ADCM, 2011 revision for the REV landform classification and debit ratio which can be accessed at: [www.poa.usace.army.mil/Portals/34/docs/regulatory/specialpns/ADCM-POA-2009-829.pdf](http://www.poa.usace.army.mil/Portals/34/docs/regulatory/specialpns/ADCM-POA-2009-829.pdf)). The definitions associated with the REV polygon designations will still use the Glossary from the ADCM. The use of a debit ratio applied to area of direct jurisdictional impacts is consistent with the Anchorage General Permits

(POA-1993-10-M4, POA-1993-11-M4, POA-1993-12-M4). The Corps alone will determine if the full ADCM would be used, ADCM Lite, or if an alternative method proposed by an applicant would be appropriate. These determinations will be made on a case-by-case basis.

The debit calculation for ADCM Lite is equal to the area of direct impacts to Waters of the U.S. divided by the ratio for the associated REV aquatic resource.

Steps for the ADCM Lite method of calculating debits\*:

1. Assemble the necessary materials and information as applicable (same as full ADCM):
  - a. Aerial photo/image of the site with waters of the U.S., including wetlands delineated on the image;
  - b. The plan/foot print of the proposed project with dimensions clearly indicated for the proposed direct permanent (any impact that would not be restored within 5 years of the start of construction) impacts to waters of the U.S.;
  - c. Dimensions (i.e. length and wetted perimeter) of any waterway that the project may affect in square feet; for non-waterways (i.e. wetlands, marine, etc.) the unit of measure to calculate impact is acres.
  - d. Divide the area of the proposed impact by the debit ratio for the appropriate REV and water type.

Example: an authorized impact that has been determined to require compensation for 0.4-acre loss of REV 2 wetlands: 0.4-acre divided by 1.5 ac/debit = 0.27 debits

\*please note the type of compensatory mitigation will still need to be determined appropriate by the Corps pursuant to 33 CFR 332.3(e).

ADCM lite will not be used:

- For calculation of credits;
- When the project is authorized with an Individual Permit, unless determined by the Corps to be acceptable and commensurate to impacts.

Any questions or requests for additional information should be directed to: Shane McCoy by email at **Shane.M.McCoy@usace.army.mil**, by phone at (907) 753-2715, toll free in Alaska at (800) 478-2712 or at the address below:

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