



**DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, TULSA DISTRICT  
2488 EAST 81ST STREET  
TULSA, OKLAHOMA 74137-4290**

**SPECIAL PUBLIC NOTICE  
OKLAHOMA STREAM MITIGATION METHOD  
U.S. ARMY CORPS OF ENGINEERS, TULSA DISTRICT**

Interested parties are hereby notified that the District Engineer (DE) has updated the Oklahoma Stream Mitigation Method (OSMM) tool. The OSMM establishes a stream credits system by quantifying unavoidable impacts to streams associated with proposed projects submitted for authorization under Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act.

This Special Public Notice announces OSMM (February 2024) replaces the previous version of the OSMM (July 2021). As of this Public Notice OSMM (July 2021) is no longer in valid. OSMM (February 2024) is now effective. All users should begin using OSMM (February 2024) for all stream assessments. The OSMM is applied on those permit evaluations where a Pre-Construction Notification or Individual Permit application is required to be submitted to the Corps. The OSMM is authorized for use by the Corps, applicants, and authorized agents to determine the amount of compensatory mitigation necessary to offset unavoidable stream impacts associated with Department of the Army permit evaluations (see 33 CFR 332.3(f)).

Location: Valid within the State of Oklahoma.

OSMM Description: This OSMM is a rapid protocol tool established to supplement current policy and provide a consistent rationale to determine appropriate compensatory stream mitigation credits. This tool should only be applied to unavoidable impacts after considering the Corps existing avoidance and minimization policy. This will be the preferred method when assessing mitigation requirements for all types of stream systems (perennial, intermittent, and ephemeral) that contain an ordinary high water mark and are determined to be jurisdictional waters of the United States (consistent with rules in place at the time of the determination). The OSMM could be companioned with other studies (e.g., Hydrogeomorphic Approach, Rapid Stream Assessment Technique, and/or Index of Biologic Integrity) when considered practical or necessary, as directed by the DE.

In some cases, the evaluation of the permit application may reveal that proposed stream compensation measures are not practical, constructible, or ecologically desirable. Therefore, all determinations involving projects requiring stream mitigation will be made on a case-by-case basis at the discretion of the Corps.

The OSMM utilizes three worksheets: Adverse Impact Worksheet, In-Stream Worksheet, and the Riparian Buffer Worksheet. The Adverse Impact Worksheet assesses impact factors of unavoidable stream segments associated with a proposed project requiring Department of the Army authorization. The In-Stream Worksheet

evaluates all proposed in-stream mitigation work. The Riparian Buffer Worksheet evaluates the characteristics of the riparian zone at the proposed mitigation site.

These worksheets are used to determine the total number of stream credits needed for the proposed impacts and the total number of credits to be generated at the proposed mitigation site. When proposed compensatory mitigation plans will be fulfilled by an approved third party mitigation provider, the totaled credit from the Adverse Impact Worksheet (Appendix A-1) will be required for purchase from the mitigation bank or in-lieu-fee program. Additional mitigation will be required when a proposed project is outside of the primary service area but within the secondary service area of the mitigation bank or the in-lieu fee program. When permittee-responsible mitigation is determined acceptable by the Corps, the mitigation value of the mitigation plan evaluated under the In-Stream Worksheet (Appendix A-2) and Riparian Buffer Worksheet (Appendix A-3) should equal or exceed the total stream credits required on the Adverse Impact Worksheet (Appendix A-1).

The OSMM tool and worksheets can be downloaded from following web link:  
<https://www.swt.usace.army.mil/Missions/Regulatory/Mitigation/>.

Andrew R. Commer  
Chief, Regulatory Office