

## RECOMMENDATION 8-2022

To: Kankakee River Basin and Yellow River Basin Development Commission  
From: Technical Advisory Committee (TAC)  
Subject: Sediment Traps  
Date: December 21, 2022

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**DESCRIPTION:** Under existing guidelines, state and federal regulators will permit the construction and maintenance of sediment traps along the Kankakee and Yellow Rivers.

Traps gradually fill with sediment. If their continued function is desired, they must be maintained to reduce the transportation of new sediment downstream.

The Commission previously has approved the maintenance and construction of these devices a measure to reduce the downstream transportation while more longer-term sediment reduction measures are being executed. The costs and benefits of a maintaining or constructing a particular trap are evaluated on a case-by-case basis within the Commission's budgetary parameters.

In 2022, the Commission authorized the maintenance of Trap #11 on the Kankakee River and Trap #23 on the Yellow River. The former trap is fully permitted, and work will commence when conditions permit. Formal consultation with regulators has occurred with respect to the latter trap. USACE and IDEM have stated that the trap does not require their permits. IN-DNR currently is processing the permit application.

**LOCATION:** Various previously permitted locations along the Kankakee and Yellow Rivers upstream of the LaPorte-Porter County Line

**ISSUE:** Under the Commission's budgetary parameters, the next trap selected for maintenance is yet to be determined.

**RECOMMENDATION:** Once Trap #11 and Trap #23 maintenance is complete, the Committee recommends that the Commission maintain existing Trap #22 upstream of the Kankakee River's confluence with the Little Kankakee River. Furthermore, since several Yellow River sediment traps are being superseded by planned bank reconstructions, the committee recommends the creation of a new Yellow River trap upstream of 200 East in Starke County.

The Committee further recommends that to maintain the project feasibility and marginal benefit, the Commission should avoid any need to transport removed material away from the work site.

**ADOPTED BY COMMITTEE 12/21/2022.**

**ADOPTED BY COMMISSION 1/27/2023.**

