STFATE Modeling of Transco Project

Response Summary:

Analyzed the sediment, elutriate and water column toxicity data for nine reaches of the NESE Transco Project to determine the needs for mixing at the placement site using the STFATE model. Provided mixing zone dimensions and required placement offsets from placement site boundaries for two barge sizes.

Period of Performance:

Start date: 12/3/2018 End date: 12/16/2018

Benefits of the Response to the USACE Dredging/Navigation Program:

Completed the required regulatory water column evaluation to place dredged material in open water.

Deliverable:

Table of mixing results and modeling inputs along with copies of all STFATE input, execution and output files.

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