



PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM
Questions/Answers Related to the Sediment Augmentation Experiment Feasibility
Analysis, Design, and Permitting RFP

1) *How do you want to use the results of a sediment transport model showing the downstream impacts of augmentation on the Platte?*

The purpose of modeling is to provide a predictive tool for the sediment augmentation action – does sediment move through the reach as expected? In addition, the modeling tool should provide information on large-scale spatial changes, depositional issues, the relationship between sediment transport and flows (short-duration high flows, natural events, etc.), and provide information to refine previous estimates of sediment deficiency.

2) *Is it reasonable to assume that phragmites will not be a sediment transport factor in the reach of interest, following the current spraying and eradication efforts?*

No. Live phragmites still exist in the reach of interest despite spraying. Though much of the sprayed phragmites is now dead, mechanical removal of that detritus has yet to occur. To the extent possible, phragmites as a factor influencing sediment transport and the overall success of the sediment augmentation action should be taken into consideration.