Technology & Development Status Report
Engineering Program
FY 2009

Date Last Edited: 7-16-2004

PROJECT:	**Scour in Culverts with Native-Material Streambeds**	**CENTER:**	**SDTDC**
Number:	4E41L14	**PROGRAM LEADER:**	Alan Yamada
SPONSOR:	Rosana Barkawi	**Project Leader:**	Kim Clarkin
Proposer:	Kim Johansen/Sandra Wilson-Musser		

PROJECT OBJECTIVES

Reevaluate fish passage culverts originally evaluated in a study by Browning in 1990. That study determined that open bottom arches were highly risky because of their susceptibility to streambed scour, and has discouraged their use in the Pacific Northwest. Reevaluation will consider more recently recognized geomorphic as well as engineering criteria and will attempt to determine the reason for any failures.

Changes to objectives: Project will focus primarily on open-bottom arches and will identify characteristics (width, bed material placement, etc.) that appear to prevent scour.

SIGNIFICANT ACCOMPLISHMENTS

- On-hold till FY 2005

Output:

Planned: Project results will be reported on the SDTDC website, and a summary will be published as a tech tip.

Actual: