QUARTERLY PROGRESS REPORT

July 1, 2015 to September 30, 2015

Development of new SMS/SRH-2D graphical interface features continued, and the partnering agreement with the US Bureau of Reclamation was extended to add a few refinements to the SRH-2D model. These refinements focused on the analysis capabilities for bridges in pressure flow. The previous code could not accommodate piers or obstructions within the pressure zone, and could not compute flow overtopping the deck. The refinements will address both of these limitations.

An online quick reference guide was developed for the SMS/SRH-2D graphical interface and can be found at the following link: <http://www.xmswiki.com/wiki/SMS:Workflows_Overview>.