



CASE STUDY : PHOSCRETE F1-HC

Form and Pour Spillway Repair



Location: [Folsom Dam, Folsom CA](#)

Ambient Temperature: [60°F, Sunny](#)

Agency: US Bureau of Reclamation

Contact: Bill Snider, Engineer Technician, wsnider@usbr.gov

Installation Date: 13 February 2011

[Link to Google Photos Album](#)

Installation Notes: Spillway wall was spalled. Damage concrete was removed by sawcut and chipping. Plywood forms were used to serve as a bond-breaker between the panels and also to form up the repair. Phoscrete was cast-in-place and the forms were removed after 30 minutes.



Reinspection: 29 July 2014 Phoscrete repair was solid in place with no shrinkage, no cracking and no delamination. Last photo is a view from the top of the repair. Additional Phoscrete material was purchased and installed by USBR maintenance personnel for various vertical and horizontal repairs on the Folsom Dam premises.

