

# Scour Analysis & Hydrology/Hydraulics Study

North Bank of Mill Creek Channel, City of San Bernardino, CA

## Client

*County of San Bernardino  
385 North Arrowhead  
Avenue  
San Bernardino, CA  
92415*

## Project Location

*San Bernardino, CA*

## Contact

*Alan Green  
Deputy County Council  
909 / 387-5288*

## Completion Date

*1996*



A suit was filed against the County of San Bernardino by the owners of a property adjacent to Mill Creek in the City of San Bernardino, CA. The north bank of Mill Creek had eroded and was threatening the plaintiff's property. JBA was retained by the County to determine the historic bank erosion of the channel in addition to a current flood that was the apparent cause of the erosion that was the subject of the lawsuit.

In the performance of the investigation, a scour analysis of the channel was performed, along with a comprehensive hydrology/hydraulics study to determine peak storm flow rates. Remediation options were also determined.

## **Project Staff**

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Joseph S.C. Bonadiman, P.E. – *Principle Engineer*  
Dennis W. Jackson, P.E. – *Project Engineer*  
Edward J. Bonadiman, L.S., – *Project Surveyor*

