

Scour Analysis & Erosion Protection

Santa Ana River Channel, Colton, CA

Client

*Bio Grow International
P.O. Box 1611
Colton, CA 92324*

Project Location

Colton, CA

Contact

*Jim Sullivan
Owner
909/910-0520*

Completion Date

2000



JBA performed a scour analysis and hydrology/hydraulics study for the Santa Ana River Channel at the Riverside bridge between the Ricks Facility and Riverside Avenue as part of the design of a co-composting facility in Colton, CA. This stretch of the Santa Ana River channel has a calculated 100-year peak flow of 195,000 CFS and velocity of 27 FPS; it was therefore necessary to protect the channel

from erosion and scour. JBA designed the combined protective measures of rip-rap and fabric reinforcement.

Project Staff

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

