

# Wagner & Bonsignore

Consulting Civil Engineers, A Corporation

James C. Hanson

Consulting Civil Engineer  
A Corporation

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Vincent Maples, P.E.  
Emily MacDonald  
Ryan E. Stolfus

## **JESSE GEBAUER PROFESSIONAL RESUME**

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### **EDUCATION:**

A.S. Geographic Information Systems - American River College, 2009

### **EXPERIENCE:**

Mr. Jesse Gebauer is our staff GIS Analyst and CAD Designer. He has extensive knowledge in AutoCAD Civil 3D and ESRI ArcGIS software. Mr. Gebauer collects, compiles, analyzes, organizes, and integrates project data and databases as well as compiles and analyzes hydrologic data and stream flow records for issues related to water right and water supply planning. Mr. Gebauer has designed and drafted construction plans. In support, Mr. Gebauer has performed hydrogeology and hydrogeography analyses.

### **RECENT EXPERIENCE INCLUDES THE FOLLOWING:**

*Chino Basin Water Conservation District:* Create and manage database of project specific features for analyses and visualization. Evaluate surface models to identify depressions that could potentially create catchment basins; to be used in future analysis of water transmission and supply to storm water recharge basins. Identify and catalog potential sites for storm water recharge basins. Draft recharge enhancement plans for various district recharge facilities for 2010 Recharge Master Plan Update.

*Langtry Estate:* Create and manage database of project specific features for analyses and visualization. Identify site suitability for vineyard development by analyzing topography and evaluating required setbacks from wetlands, woodlands, and jurisdictional waters and channels.

*Cordua Irrigation District:* Hydrologic evaluation of Yuba River to estimate the extent of diversions that could have been made under various entities' water rights downstream of Englebright Reservoir senior to Yuba County Water Agency's rights.

*Various Applicants for Water Rights in Sonoma, Napa and Mendocino Counties:* Evaluation of hydrology and water right operations to assess water availability for appropriation.

*Mojave:* Preparation of hydrograph for stormflow base flow separation for Mojave River at Lower Narrows; analyze Baja Water Supply Issues.

*Nipomo Community Services District:* Create and manage database with data from various agencies and sources for analyses and visualization. Perform hydrogeology and hydrogeography analyses.

## **CONTINUING EDUCATION**

“AutoCAD 2011 Software Training,” Delta Engineering Systems – July 2010

“GIS and Mapping Software,” ESRI – February 2009

“Harnessing Civil 3D Training,” Delta Engineering Systems – September 2007