EXHIBIT 120

MBK ENGINEERS

LEE G. BERGFELD

EDUCATION

- University of California, Davis
  MS in Civil Engineering, 2005
- United States Air Force Academy, Colorado Springs, CO
  BS in Civil Engineering, 1995

PROFESSIONAL LICENSES AND SOCIETIES

- Registered Civil Engineer in California
- Registered Civil Engineer in Nevada
- Member, American Society of Civil Engineers

EXPERIENCE

11/05- Present

MBK Engineers, Sacramento, CA
Civil Engineer
Projects:
CALSIM III Hydrology - Develop and quantify current and future agricultural, urban, and environmental water demands throughout Sacramento Valley for implementation in CALSIM III. Develop models of rice and waterfowl refuge operations to calculate demand, deep percolation, and surface water return flows. Verify calculated demands by comparison with recent historical surface water diversion records. Utilize GIS land use and water source data and IWFM Demand Calculator to calculate agricultural water demands.

Upper San Joaquin River Basin Storage Investigation - Assist in development and use of water operations models to evaluate surface and groundwater storage alternatives for the upper San Joaquin River. Develop analytical tools and perform hydrologic analysis for reservoir operations and conjunctive management of Friant water supply. Evaluate effects of new storage on local, regional, and statewide water system using CalSim II.

Merced Irrigation District Operations Models – Develop daily and monthly time-step models to simulate and forecast water and hydropower operations on the Merced River. Analyze water supply risks associated with water transfers and operations. Develop models for use during upcoming FERC re-licensing.

Friant-Metropolitan Partnership – Partnership investigates exchanges between the Friant Division of CVP and Metropolitan's SWP supplies to improve water quality in Metropolitan and water supply reliability in Friant. Perform studies and analyze results from spreadsheet and WRIMS models of Partnership operations.

CALSIM II Plan Formulation Common Model Package - Assisted in development of agricultural and environmental demands and operational logic to improve Colusa Basin representation for use in CALFED Surface Storage Investigations.

Sacramento Valley Conjunctive Management Study – Developed gaming model to evaluate performance of conjunctive management sites throughout Sacramento Valley. Developed detailed monthly water budgets to estimate groundwater pumping and deep percolation for groundwater model. Integrated environmental objectives, groundwater response, and operation of Sacramento Valley reservoirs in gaming model to evaluate various projects and operational scenarios.

Friant Water Users Authority – Analyze regional and statewide water supply effects of recent San Joaquin Restoration Settlement.

Browns Valley Irrigation District – Develop local water supply model of Merle Collins reservoir and Browns Valley Yuba River water supplies and perform water supply analysis.

Klamath Water Users Association – Analyze operations and model results during on-going Klamath River settlement discussions.

Develop and utilize models for the evaluation of water supply, water rights, transfers, hydropower, and environmental requirements for irrigation and water districts in California, Nevada, and Oregon.

06/03-10/05 Science Applications International Corporation, Sacramento, CA
Civil Engineer
Performed reservoir modeling in support of a water right application and accompanying environmental documentation filed on the Santa Ana River. Analyzed flow records of diversion structures to develop rating curves and provide recommendations to improve data collection and calibration. Assisted in the economic analysis of the purchase of a half interest in an existing power plant. Provided engineering support for water exchange agreements, water rights litigation, water resources planning, and hydrologic analyses on various rivers in California, Nevada, and Arizona.

10/02 – 12/03 U.S. Army Corps of Engineers, Hydrologic Engineering Center, Davis, CA
Civil Engineer/Graduate Student Intern
Verified the accuracy of the calculations and processes of the Corps' reservoir simulation software, HEC-ResSim. Developed a ResSim model for Lake Winnebago, WI and integrated an existing hydrologic model of the watershed into the Corps' Water Management System for use in real-time flood forecasting.

05/02 – 09/02 U.S. Geological Survey, Sacramento, CA
Civil Engineer
Performed detailed data analysis and comparison of water temperature, salinity, and sediment concentration data to determine the temporal and spatial variation within the Bay/Delta. Helped develop and implement a method using an acoustic Doppler profiler with a global positioning system to create detailed bathymetry of large salt ponds.

08/95 – 12/00 U.S. Air Force, McClellan & Beale AFB, CA
Civil Engineer
Worked on a wide variety of infrastructure and facility construction projects serving in the roles of inspector, project engineer, and project manager for all phases of the project from conception through closeout. Projects included water mains, back-flow preventers, storm drain renovation, road construction, runway repair, roof replacement, landscaping, interior remodels, and new facility construction. Deployed for four months to Saudi Arabia as the engineering team leader of project design and construction unit.

PUBLICATIONS

- Bergfeld, L.G. 2005. Investigative Study of Conjunctive Use Opportunities in the Stony Creek Fan Aquifer. M.S. Thesis, University of California, Davis.
- Bergfeld, L.G. and Schoelhammer D.H. 2003. "Comparison of Salinity and Temperature at Continuous Monitoring Stations and Nearby Monthly Measurement Sites in San Francisco Bay." *Interagency Ecological Program for the San Francisco Bay Newsletter*, Vol. 16, Number 5.