

## **Statement of Qualifications - Kristin White**

7794 Folsom Dam Road, Folsom, CA 95630

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### **Educational Background**

University of Houston – Masters of Civil Engineering (Water Resources) – May 2007

Florida Institute of Technology – Bachelors of Science in Civil Engineering – May 2004

### **Certifications and Licenses**

Federal Acquisition Certification for Contracting Officer's Representative (COR) – 2014

Federal Grants Officer's Technical Representative (GOTR) – 2010

Professional Engineering Registration in Texas (Inactive) – 2007

Leadership in Environmental and Energy Design Accredited Professional (LEED AP) – 2004

### **Professional Experience (Post Graduate)**

#### US Bureau of Reclamation – Mid-Pacific Region

Central California Area Office (CCAO), Folsom, CA (10/2015 – Present) – Program Manager

Duties include – Serving as the Rivers and Reasonable and Prudent Alternative (RPA) Team Lead overseeing a team of four natural resources specialists on tasks associated with the American and Stanislaus Rivers. Main tasks include leading or participating in long-term reservoir operations planning, leading the analysis for long-term contracts, overseeing hatchery management (as it relates to meeting our Endangered Species Act (ESA) RPA requirements) and specific RPA implementation for these two basins.

Central Valley Operations (CVO) Office, Sacramento, CA – (3/2015 – 9/2015) – Hydraulic Engineer

Duties include – Serving as the Operator for New Melones Reservoir and related facilities, serving as a technical expert on issues regarding New Melones and long-term CVP water supply modeling.

Bay Delta Office, Sacramento, CA – (06/2013-3/2015) – Civil Engineer

Duties include – Serving as the modeling technical expert, serving as the operations liaison and preparing reports and modeling for environmental compliance documents. Key projects include the NEPA and ESA compliance for the Remanded Biological Opinions and other associated projects such as the New Melones Revised Plan of Operations (NMRPO). Key responsibilities include managing a technical team to develop and interpret results of water supply and temperature models; working collaboratively with other divisions, area offices and the Central Valley Operations office (CVO) to ensure that operations are appropriately reflected in both documentation and water supply modeling; reviewing environmental compliance documentation for the Remand as well as other MP projects; coordinating with DWR and other water agencies to ensure non-CVP facilities are appropriately characterized in relevant documentation and modeling; coordinating with the fishery agencies to explain modeling assumptions and operations; assisting the COR for both the NEPA and ESA contractors to define, assess and approve modeling-related tasks and deliverables; serve as the technical lead on a multi-agency, multi-disciplinary team for development of the NMRPO; and representing Reclamation among technical staff of other agencies/organizations to discuss modeling and operations. Additional responsibilities were held through short-term detail positions as the Special Assistant in the Regional Directors Office. These details were held in 2012, 2013 and 2014.

Planning Division, Sacramento, CA – (09/2011-6/2013) – Modeler

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Duties include – Continued assistance to the Klamath Area office in modeling, coordination, outreach and analysis for their 2013 ESA Biological Consultation. Acting as the lead modeler for the remanded long-term operations NEPA analysis and ESA Biological Consultation. Attend multi-agency and stakeholder meetings as a Reclamation modeling representative and coordinate between various Reclamation offices and divisions. Additional responsibilities were held through short-term detail positions as the Special Assistant in the Regional Directors Office. These details were held in 2012, 2013 and 2014.

### **Klamath Basin Area Office – (06/2010-09/2011) – Office Hydrologist**

Duties include - Used water balancing modeling software (WRIMS) to simulate long-term operating conditions within the system for compliance with the Endangered Species Act (ESA). Served as the Reclamation representative in a Modeling Workgroup developed by a local tribe to review modeling procedures with stakeholders and eventually offer collaboratively-developed recommendations to Reclamation on future operations. Assisted the Engineering Division Chief and the Area Office Manager in making operational decisions based on numerical results from both models and developed spreadsheet tools. Monitored and maintained water measurement program with the help of a hydrologic technician for hands-on repairs and upgrades.

### **Other Work Experience**

#### **Dodson & Associates (Now Walter P. Moore)– Houston, TX – (7/2008 – 5/2010) – Project Manager**

Duties include – Project manager leading a team of 1-5 engineers and technicians on mostly water resources analysis projects related to the fields of hydrology and hydraulics. Projects ranged from multi-year planning studies to small park development projects. Supervisory duties included management of work load, performing reviews, reporting status to company owner, and providing input on performance. Project duties included management, budget and schedule development, technical review, H&H modeling and communication tasks.

#### **CDM (Now CDM Smith) – Houston, TX – (7/2005 – 7/2008) – Water Resources Engineer**

Duties include – Water resources analysis by modeling existing and proposed channels and modifications through HEC-RAS and HEC-HMS; Existing stormwater collection system analysis and design using HouStorm and hand calculations through MS Excel; Developing regulatory reports, and reports for analysis results, comparisons and design recommendations. Work performed on both staff engineer and project manager levels.

#### **Clark Nexsen – Norfolk, VA – (5/2004 – 6/2005) – Civil EIT**

Duties include – Design of stormwater management systems and components, design of revetments, design of pavement sections using PCASE, writing technical narratives, specifications and guideline documents, and additional civil projects.

### **Professional Organizations**

*American Society of Civil Engineers Environmental and Water Resources Institute* – Member of the Education and Research Council, Reservoir Operations Council and Professional Practices Council.