

## Chris Newton

### *Hydrogeologist, DiNatale Water Consultants*

Mr. Newton joined DiNatale Water Consultants in 2015 and has 3 years of experience in water resources. He has experience with RiverWare, ArcGIS, QGIS, Surfer, MODFLOW, HEC-RAS, IDS-AWAS, IDS-CU, StateCU, and other modeling and geospatial software.

Mr. Newton received his BA degree in Geology from the University of Colorado, Boulder and completed post-baccalaureate coursework in geomorphology, geochemistry and environmental science at Northern Arizona University. He volunteered with the United States Geological Survey Grand Canyon Monitoring and Research Center to help quantify potential evapotranspiration from soils around several points of interest.

## Experience

Hydrogeologist,  
DiNatale Water Consultants, Inc.  
2015-Present

## Education

Post-baccalaureate Coursework  
Northern Arizona University  
2014-2015

B.A. Geology  
University of Colorado  
2013

## Professional Affiliations

Colorado Lakes and Reservoir  
Management Association  
Geological Society of America

## Relevant Project Experience

### **United Water and Sanitation District, Water Supply, Water Quality, Infrastructure and Operations**

**Planning.** DiNatale Water Consultants is assisting the United Water and Sanitation District in planning and implementation of water supply projects to meet the needs of various Colorado water providers. The District's goals are to facilitate the acquisition, diversion, storage, carriage delivery, treatment, transmission, distribution, and provision of water to those water districts that use the system. Mr. Newton is helping with water supply planning, operations modeling, maintaining water quality, and in developing recharge plans to meet supply obligations.

### **East Cherry Creek Valley Water and Sanitation District Conjunctive Use Alluvial Aquifer Recharge and Recovery Program.**

DiNatale Water Consultants is assisting the East Cherry Creek Water and Sanitation District in the south Metro Denver area to develop a permanent renewable water supply through the development and implementation of an innovative alluvial aquifer recharge and augmentation program. Mr. Newton is assisting with the water supply planning, operations modeling, and ditch, well, and reservoir operations along the South Platte and Cache la Poudre rivers.

**Rivanna Water and Sewer Authority Reservoir Water Quality and Management Assessment.** DiNatale Water Consultants, in conjunction with Alex Horne Associates, is working to develop a comprehensive water quality monitoring program and reservoir management strategies for five drinking water supply reservoirs owned by the Rivanna Water and Sewer Authority in Charlottesville, Virginia. Mr. Newton has conducted compilation and analysis of data collected through the monitoring program, designed and conducted watershed assessments and other special studies, conducted geospatial analyses, and conducted case studies of the reservoir management methods and monitoring programs of several other drinking water utilities to assist in developing the final recommendations for reservoir management strategies.