

Spencer Lacy, EIT



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Design Engineer, Recreation Engineering & Planning Inc.
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Background

Spencer is a design engineer and project manager. His Bachelor of Science from the University of Colorado focused on water resources engineering studies as well as construction management. His academic success earned him various awards and recognitions. Spencer has been involved in many in-stream and riverside projects, giving him experience in concept and final project design, engineering drawing, project permitting, 1D and 2D in-stream modeling, and on-site construction inspection and management. Spencer is also a very passionate and accomplished whitewater paddler who spends much of his free time product testing REP's work.

Education & Professional Credentials

B.A.Sc., Civil Engineering, University of Colorado at Boulder, 2014, Focus in Water Resources, GPA: 3.87

Engineer in Training (E.I.T.) Certificate, 2014

Experience

Design Engineer	May 2015-Present
Recreation Engineering & Planning	Boulder, CO
Whitewater park and riverside design, feasibility, surveying, drafting, hydraulic modeling, permitting, fish passage, construction field reviews, project management, PS&E development.	
Undergraduate Researcher	August 2013-May 2014
University of Colorado	Boulder, CO
Conducted sponsored construction safety research. Worked on a team to improve construction hazard recognition and construction safety education.	
Engineering Intern	February 2014-May 2014
City of Boulder	Boulder, CO
Worked to restore local in-stream structures that were destroyed in the Boulder Flood in September 2013.	
Hydrologic Research	July 2012
Wright Water Engineers	Denver, CO
Explored and mapped high mountain ancient Inca canals and plotted GPS points in Ollantaytambo, Peru.	

Highlighted Project Experience

2015-Present, Crosstown Trail, San Marcos, TX. Design engineer and lead drafter for this multi-use path project extending over a mile along the San Marcos River.

2017-Present, Stoughton Whitewater Park, Stoughton, WI. Project manager, design engineer, and lead drafter for this dam modification project. This multi-million dollar project creates safe passage around a dangerous dam in downtown Stoughton while creating a recreational amenity. Work involves concept design, permitting, final design, drafting, floodplain modeling, and construction inspection and management.

2015-2016, Lester-Attebery Ditch Dam Modification, Florence, CO. Design engineer and lead drafter for this instream project involving a dam modification and ditch diversion.

Awards and Achievements

President of the National Civil Engineering Chi Epsilon Honor Society CU Chapter, 2014

University of Colorado national champion D1 ski team student-athlete, 2010-2011

CU Engineering Active Learning Award