



Melissa Zeis, PE

Degree

- BS Civil Engineering
North Dakota State University
Fargo, ND

Professional Registrations

NCEES	13-362-38
Alaska	Pending
California	Pending
Colorado	PE.0051012
Hawaii	PE-19194
Idaho	P16736CE
Kansas	PE24733
Minnesota	49859
Nebraska	E-15043
New Jersey	24GE0555030
New Mexico	25954
New York	103078
North Dakota	PE9335
Oregon	91182PE
Rhode Island	PE.0012893
South Dakota	14256CE
Texas	Pending 11299506-
Utah	2202
Washington	51334
Wisconsin	46953-6

Melissa Zeis, PE has been engineering Swimming Pools, Spas and Water Features for over 13 years. She began her career in the swimming pool industry in 2008 while working for a hospitality architecture design firm. Her role was to provide the engineering to help the firm and their clients navigate the new federal laws addressing water safety and accessibility. She provided guidance to several states in their development of legislation to address the Virginia Graeme Baker Act, ADA and ANSI Regulations.

After leaving the architecture firm, Melissa continued to provide consulting and design services to her clients and grew her client base to include Municipalities, HOAs, Resort and Community Pool Associations. As she grew in her experience, she has focused on providing her clients with a complete pool system to provide the best user experience.

In April of 2018 Melissa founded Aquatic Engineering Consultants, LLC., where she and her staff have adopted the mantra of *Solutions. Integrity. Excellence*. AEC strives to provide the best Engineering Solutions that meet the Client's Vision while providing for the Best User Experience.

Related Work Experience

- Lightowler Johnson Associates – Hospitality Design Jan 2008- June 2011
 - Hotel Swimming Pools and Spas
- DMZ Engineering – June 2011- April 2018
- Aquatic Engineering Consultants, LLC - April 2018 - Present
 - Municipal Pools & Splash Parks
 - Gated Living Communities Pools, Spas, Sunbathing decks, Splash Pads
 - Apartment Complex Pools and Spas
 - Resort Pools & Spas
 - Community Recreation Facility Pools, Spas, Lazy Rivers
 - Hotel Swimming Pools and Spas

Recent Projects

- Kona Village Resorts – Kona, HI
- INNhale Waterfalls, Spas, and Leisure Pool – Manitou Springs, CO
- The Lodges Pool & Splash Pad - Yakima, WA
- City of Hettinger Community Swimming Pool & Splash Pad – Hettinger, ND
- City of Tenino Quarry Pool, Splash Pad & Wading Pool – Tenino, WA
- Holiday Inn Express Pool & Spa - Green River, UT
- Aquatic Center @ The Cove Spas – Bend, OR
- Flat Iron Pool & Spa - Broomfield, CO
- Trinitas Collegiate Apartments Pool & Spa - Pullman, WA
- The Ranch @ The Wild HOA Swimming Pool – West Fargo, ND
- Fairfield Inn & Suites/Townplace Suites Pool & Feature - Hillsboro, OR
- Markana Uptown Project Pool, Spa & Feature - Albuquerque, MN
- Creekside Apartments Pool & Spa - Longmont, CO
- Westin by Wyndam Pool & Spa - Moab, UT
- Park Place Roof Top Pool – Richland, WA
- City View Flats – Roof Top Hot Tubs - Duluth, MN
- Aloft Pool & Spa - Westminster, CO
- Hampton Inn Pool, Spa, Wading Pool & Slide - Warroad, MN
- Residence Inn Swimming Pool Sun Deck & Rain Wall – Grand Prairie, TX