

ACC Aquatic Commercial Consulting

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Richard A. Young & Aquatic Commercial Consulting Profile January, 2016



Richard (Rich) Young founded **Aquatic Commercial Industries (ACI)** in 1983 as a swimming pool equipment manufacturer and specialty swimming pool contractor. He remains the owner and general manager. As requests for special design work and facility evaluations by various agencies, contractors, designing engineers and architects increased, Rich developed **Aquatic Commercial Consulting (ACC)** in 1992. Since then, ACC has consulted on hundreds of public, institutional, commercial and high-end residential pool and water park facilities throughout the nation and abroad.

Aquatic Commercial Consulting specializes in:

- Community aquatic need assessment, program review and development
- Pool water quality control and water treatment systems
- High Efficiency, Energy Saving Pump Systems
- General pool operations, safety and programming
- Code compliance
- General Pool construction and renovation
- Geo-thermal heat transfer and controls / Geothermal pools
- Facility reports and inspections
- Legal consultation and expert witness services.
- Professional Education (Aquatic Facility Operator Certification)

Richard Young is the principal with over thirty years of public, institutional, commercial and residential pool experience. Rich completed his studies in Recreation Administration at San Diego State University and has completed additional engineering and hydraulic design studies. He continues to pursue educational opportunities to stay on the cutting edge of the industry. He is well versed in California Health & Safety Codes, California Building Codes (related to pools), OSHA, Uniform Fire Code (Article 80), Federal VGB and ADA laws, American Red Cross lifeguard guidelines and industry standards, Federal Pool and Spa Safety legislation and law for public pools in addition to aquatic staffing qualifications.

Prior to 1983, as an aquatic director and manager, Rich operated several public and commercial facilities with both programming and maintenance responsibilities. Since then, he has continued to consult for public, municipal and commercial aquatic facilities on community aquatic need assessments, aquatic program evaluation and development.

In addition, Rich worked as a sales, installation and service technician for pool mechanical systems and works as a mechanical equipment supplier and is a licensed contractor in several states. He has been an instructor for both the National Swimming Pool Foundation's "Certified Pool Operator Course" since the early 1980s and has helped develop and teach the National Recreation and Park Association's "Aquatic Facility Operator Course". He is the managing editor of the 6th edition, NRPA, Aquatic Facility Operator Training Manual. This manual concepts of aquatic facility planning and programming. Rich is now developing a new industry course and book for county and state health officials "The Aquatic Facility Inspector". Rich has also recently completed work on the national "Aquatic Facility Inspector", manual and course.

Rich often speaks at regional and national aquatic, swimming pool and recreation association conferences and has been published over thirty times in various pool industry periodicals and training texts on swimming pool/spa water treatment, safety and construction issues.

Richard Young is a State of California licensed contractor with thirty years of experience(also licensed for work in Nevada and Idaho)He is not a licensed engineer or architect. However, ACC has available for consultation: Pacific Engineering (electrical), Pool Engineer's Inc. (structural), Kukuchi & Associates (landscape) and Patrell Engineering Works (mechanical) for special problem engineering and approval and sign-off on plans when appropriate or necessary. He often works supporting architectural and engineering firms. ACC has two administrative assistants and additional outside pool professionals to aid in both field and office work loads.

A Partial List of Speaking Engagements at Regional & National Conferences Include:

World Water Park Conference, Annually 2009 through 2014

National Recreation and Park Association Congress, 2007, 2012
National Aquatic Conference: (6 times) 2000 through 2010
National Travel Park Conference 2002
California Park and Recreation Conference (3 times) 2000 through 2009
California Environmental Health Conference 1998
California Regional Environmental Health Conference, 2013
International Associate of Amusement Park and Attractions (4 times) 1998 through 2005
Independent Pool and Spa Servicemen's Conference 2000
National Swimming Pool Institute National Conference: 1997
Bay Area Pool Operator's Association, Regional Conference: 2014

Affiliations/Memberships:

The World Water Park Association
The International Association of Aquatic Consultants
The National Recreation and Park Association
The Western Regional Master Builders Association
The National Travel Parks Association
The Independent Pool and Spa Servicemen's Association
The Professional Pool Operators of America (board member and Technical Advisor)

Partial List of Projects:

Alpine Country Club	Mount Hermon Christian Camp
American Golf Water Park, Dallas, TX	Independence High School
Arcadia Development Co / The Woods	J. Paul Getty Residence
Arcadia Recreation	Koinonia Conference Center
Balleys Athletic Clubs	Ladera Oaks Swim & Racquet Club
Boise State University	Lake Isabella Hot Springs, Los Angeles
Boulder Creek Scout Camp	Laney College
California Family Fitness	Les Mars Inn, Healdsburg
Cameron Park Comm. Services Dist.	Menlo Circus Country Club
Camp Kram	Metropolitan Club of San Francisco
Camp May Mac Christian Camp	Mill Valley Tennis & Swim Club
Carmel Valley Ranch Resort	Mission Springs Conference Center
Carneros Inn, Napa	Mount Hermon Christian Camp
Central Plumas Recreation Dist.	North Pen. Jewish Community Center
Chico Area Recreation Dist.	Osha-Marin Jewish 'Community Center
City of Antioch	Palo Alto Country Club
City of Chelelis, OR	Paradise Valley Comm. Center
City of Concord	Peninsula Jewish Comm. Center
City of Coronado	Peninsula Tennis Club
City of Dixon	Peralta College Dist.

City of Durham	Pleasanton Meadows Cabana Club
City of Elko, NV	Post Hotel, Seattle
City of Fairfax, VA	Rafael Racquet Club
City of Garland, TX	Mission Springs Conference Center
City of Lakeport	Rancho Santa Teresa Swim Club
City of Laughlin, Nevada	Royal Palms HOA
City of Redding	Sacramento State University
City of Rhonert Park	Sacramento YMCA
City of Sanger	San Jose State University
City of South San Francisco	San Jose YMCA
City of So. Lake Tahoe	Seattle YMCA
City of Tracy	Sequoia High School Dist
City of Walnut Creek	Six Flags Amusement Park
City of Willits	Sonoma Family YMCA
Coast Guard Station, Kodiak Island	Sonoma High School
Ellison Estate Compound and Home	South Valley YMCA
Enchanted Waters Water Park	Sun River HOA, Oregon
Gilroy USD	The Island Water Park
Guide Dog Facility for the Blind	Timpany Center
Harbin Hot Springs	Tracy United School Dist.
Hidden Villa	Treasure Naval Base
Independence High School	Vallejo City USD
J. Paul Getty Residence, San Francisco	Vineyard Crossing Resort
Koinonia Conference Center	Vintage High School
Ladera Oaks Swim & Racquet Club	Werner Hot Springs
Lake Isabella Hot Springs, Los Angeles	West Valley College
Laney College	Wild Water Adventures
Larry Ellison Estates (3 locations)	Woodland Vista Club
Les Mars Inn, Healdsburg	Woodleaf Christian Camp
Menlo Circus Country Club	Woodside High School
Metropolitan Club of San Francisco	Worldmark by Trendwest, WA
Mill Valley Tennis & Swim Club	Wyndham Resort Hotels

Consulting services range from early facility planning and community aquatic needs assessment to design, renovation, construction administration and staff training. Our services include:

Facility Planning: Review programming and facility activities, compare fees, revenue and establish budget estimates. Provide recommendations for developing additional programming and help establish staff and budget needs.

Facility Evaluations and Reports: Complete detailed facility evaluations including: demographic research, staff interviews, programming review, facility inspection and testing; all culminating in a report with prioritized recommendations, including budget estimates and color photos. The reports can include maintenance and operations, code compliance, programming, budget and staffing needs. Complete maintenance and Operation guidelines and reports.

Design Work: Complete research, design, plans and specifications useful for project architects, county health department approval, contractor bidding, construction and records. ACC is fully 2009 CAD compatible.

Geo-Thermal Work: Complete geothermal heat transfer and control systems. Including Stainless steel and titanium heat exchangers.

Construction Administration: Conduct pre-bid contractor walk-through, reviews of contractor submittals, conduct pre-construction meetings, inspections of contractor work for compliance with plans and specifications, reviews for progress payment requests, complete final inspections and review or draft as-built plans.

Product Testing and Evaluation: Provide “beta” testing for commercial pool equipment and systems. Complete data collection, evaluation and reports on equipment performance.

Risk Evaluation: Provide risk evaluation including OSHA Standards and Uniform Fire Code (Article 80) hazardous material handling compliance in addition to lifeguard training, staffing and general operations.

Legal Expert: Provide consultation and expert witness support on swimming pool and spa related issues.

Partial List and Sample of Legal Consulting & Expert Witness Experience

-Manufacturer’s Claim in Federal lawsuit concerning collusion between suppliers. Specific manufacturer claimed he was excluded from bidding projects. Worked on behalf of the defendant suppliers. Research and evaluation of bid specifications, manufacturer design and specifications. Deposed. Suit dropped.

-Patron claim v. YMCA: Chemical burns of eyes from a swimming pool. Worked on behalf of the defendant (YMCA). Completed pool

record reviews, site inspection, water testing, staff interviews. Deposed. Suit settled before trial.

- Patron claim v. the State of California. Accident with neck injury. Worked on behalf of the defendant, State of California. Completed site survey and evaluation and inspection. Interviews with lifeguards and staff. Consultant to State Attorney's office*
- Operator claim v. Sta-Rite Industries (manufacturer): Product failure with injury to operator. Filter separation. Worked on behalf of the plaintiff. Completed research work, evaluated operators manuals, product inspections and product review. Suit was settled before trial.*
- Patron claim v. The City of Inglewood. Drowning case with a fatality. Worked on behalf of the City of Inglewood. Facility survey and inspection, interviews with staff. Reviewed plans. Research of pool codes and lifeguard standards. Deposed. Suit settled before trial.*
- Homeowner claim against a swimming pool contractor. Claims of design flaws and not completing project. Worked on behalf of the defendant. Completed site inspections, review of contracts, submittals. Provided written report and schedule of values for repairs. Suit settled before trial.*
- Patron claim v. resort hotel. Near drowning with serious injury. Worked on behalf of the defendant. Completed site survey and inspection, staff interviews, code research. Provided written report. Suit settled before trial.*
- Hotel claim v. pool contractor. Worked on behalf of contractor. Pool leaked from 3rd floor. Completed inspection, report and schedule of values. Deposed. Suit settled before trial.*
- Home drowning. Home owner sued by renter that lost a small child to drowning. Worked on behalf of owner. Pool/spa evaluation, research of building codes and Title 8 housing regulations. Suit settled before trial.*
- Homeowner claim against a swimming pool contractor for unfinished and unsafe work. Worked on behalf of plaintiff. Pool evaluation, research building codes and manufacturer installation instructions. Deposed. Suit in litigation.*

*-Community association drowning. Working on behalf of the plaintiff.
Pool evaluation, evidence evaluation and report. Suit settled.*

*-Patron v. home owner association. Worked on behalf of the plaintiff.
Chemical burns to child. Suit settled before trial.*

*-Customer v. winery with pool. Working behalf of the plaintiff
who slipped and fell on the pool deck. Suit is still pending.*

*-Renter v. home owner. Worked on behalf of the defendant. Wrongful
death in the backyard pool. Site visit, report, discovery review.
Suit is still pending.*

*-Patron v. water park. Working on behalf of plaintiff. Claim of injury
due to tipping bucket accident. Suit still pending*

*-Customer v. contractor. Claim of code violations poor workmanship.
Working on behalf of contractor. Suit still pending*

Fees: *Fees vary with the type of work, i.e. investigation, on-site evaluation, office work, research, legal deposition etc. Requests for proposals and quotations are gladly provided once the scope of work has been established. Modest travel and accommodation fees are added to invoices unless covered in the project proposal.*

Respectfully submitted:

Rich Young

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