

AQUATIC COMMERCIAL CONSULTING

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Richard A. Young Aquatic Consulting Profile January, 2022



***Richard (Rich) Young** has been involved in the public and institutional aquatic community for most of his adult life. Prior to 1983, Rich worked in both the public and private sector as an aquatic director and manager and has operated several public and commercial facilities with both programming, training and maintenance responsibilities. Rich coached age group swimming and was an assistant coach at Grossmont Community College. Rich also worked as an American Red Cross Water Safety Instructor and Instructor trainer. Since then, he has continued in the industry by operated a mechanical contracting firm and has consulted for many public, municipal, commercial aquatic facilities on community aquatic need assessments, staff training, aquatic program evaluation and development. Rich has worked on plans and specifications for both public and residential pool projects.*

***Aquatic Commercial Industries (ACI)** was founded by Rich in 1983 as a swimming pool equipment manufacturer and specialty swimming pool contractor. As requests for special design work and facility evaluations by various agencies, contractors, designing engineers and architects increased, Rich developed the **Aquatic Commercial Consulting (ACC)** endeavor in 1992. He has consulted on hundreds of public, institutional, commercial pool and water park facilities as well as high-end residential pools*

throughout the nation and abroad. Rich retired from ACI in early 2020 to work full time in the ACC consulting endeavor.

Rich continues to pursue educational opportunities to stay on the cutting edge of the industry. He is well versed in California, Nevada, Oregon, Washington, Colorado and other state Health & Safety and 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 issues (Virginia G. Baker).

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 was the managing editor of the 6th edition, NRPA, Aquatic Facility Operator Training Manual. This manual includes concepts of aquatic facility planning and programming. He has co-authored a new book for the World Water Park Association, "Advanced Water Quality". Rich is also technical advisor and board member for the Professional Pool Operators of America. Most recently, Rich published a new book "Aquatic Facility Inspector" for which he is developing a certification course for public health inspectors. Rich is a National Swimming Pool Foundation "Certified Pool Inspector".

Rich worked extensively in several American Red Cross Water Safety programs, as a Water Safety Instructor Trainer, CPR and First Aid instructor. He also was involved in the promotion of personal floatation device use and even made training films on safety.

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 chemistry and treatment, safety and construction issues.

Richard Young is a State of California licensed contractor with thirty years of experience. 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 one administrative assistants and additional outside pool professionals to aid in both field and office work loads.

Our consulting services:

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

Facility Planning: *Plan and or 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.*

Staff Training: *For organization of staff, maintenance and operations.*

Facility Evaluations and Reports: *Complete detailed facility evaluations including: demographic research, staff interviews, programming review, facility inspection and testing safety equipment and procedure assessments: all culminating in a report with prioritized recommendations, including budget estimates and color photos. The reports can include maintenance and operations, water quality control and treatment, code compliance, programming, budget and staffing needs. Complete maintenance and operation guidelines and reports.*

Design Work: *Complete research, drafting services for plans, details and specifications at the direction of contractors and or owners, useful for project architects, county health department approval, contractor bidding, construction and records. ACC is fully 2021 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-throughs, 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, spa and water park related issues including drowning and near drowning, diving accidents pool construction and water quality control, chemical storage and handling.*

Other Areas of Expertise:

- *Community aquatic need assessment, program development and review including fee assessment, staff organization and needs.*
- *Pool water quality control and water treatment systems*
- *High Efficiency, Energy Saving Pump Systems*
- *General pool operations, safety and programming assessments*
- *Code compliance: OSHA, ADA, UFC-80, State Health & Safety, etc.*
- *General Pool construction and renovation evaluations*
- *Geo-thermal heat transfer and controls / Geothermal pools*
- *Facility reports and inspections*
- *Legal consultation and expert witness services.*
- *Professional Education (Certified Pool Operator Certification)*

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

World Water Park Conference, Annually 2009 through 2021
World Aquatic Health Conference, 2018
National Recreation and Park Association Congress, 2007, 2012
National Aquatic Conference: (6 times) 2000 through 2010
National Travel Park Conference 2002, 2003
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, 2005
National Swimming Pool Institute National Conference: 1997
Bay Area Pool Operator's Association, Regional Conference: 2014, 201, 2017

Affiliations/Memberships:

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

*California Pool and Spa Association
Professional Pool Operators of America*

Partial List of Contracting and Design Projects:

Alpine Country Club	Mount Hermon Christian Camp Independence
American Golf Water Park, Dallas, TX	High School, San Jose
Arcadia Development Co / The Woods	J. Paul Getty Residence
Arcadia Recreation	Koinonia Conference Center
Arden Park & Recreation District	Ladera Oaks Swim & Racquet Club
Balleys Athletic Clubs	Lake Isabella Hot Springs, Los Angeles
Boise State University	Laney College
Boulder Creek Scout Camp	Les Mars Inn, Healdsburg
California Family Fitness	Livermore Park and Recreation
Cameron Park Comm. Services Dist.	Menlo Circus Country Club
Camp Kram	Metropolitan Club of San Francisco
Camp May Mac Christian Camp	Meadowood Country Club
Carmel Valley Ranch Resort	Mill Valley Tennis & Swim Club
Carneros Inn, Napa	Mission Springs Conference Center
Central Plumas Recreation Dist.	McMinamims Aquatic Center, Seattle
Chico Area Recreation Dist.	Mount Hermon Christian Camp
City of Antioch	North Pen. Jewish Community Center
City of Chelelis, OR	Osha-Marin Jewish 'Community Center
City of Concord	Palace Entertainment
City of Coronado	Palo Alto Country Club
City of Dixon	Paradise Valley Comm. Center
City of Durham	Peninsula Jewish Comm. Center
City of Elko, NV	Peninsula Tennis Club
City of Enumclaw, WA	Peralta College Dist.
City of Fairfax, VA	Pleasanton Meadows Cabana Club
City of Garland, TX	Post Hotel, Seattle
City of Inglewood	Rafael Racquet Club
City of Lakeport	Mission Springs Conference Center
City of Laughlin, Nevada	Rancho Santa Teresa Swim Club
City of Menlo Park	Range Ranch II Pool and Spa
City of Pendleton, OR	Sacramento State University
City of Redding	Sacramento YMCA
City of Rhonert Park	San Jose State University
City of Sanger	San Jose YMCA
City of South San Francisco	Seattle YMCA
City of So. Lake Tahoe	Sequoia High School Dist
City of South San Francisco	Sharon Heights Country Club
City of Tracy	Six Flags Amusement Park
City of Walnut Creek	Sonoma Family YMCA
City of Willits	Sonoma High School
Coast Guard Station, Kodiak Island	South Valley YMCA
Ellison Estate Compound and Home	Sun River HOA, Oregon
Enchanted Waters Water Park	The Island Water Park
Gilroy USD	Timpany Center, San Jose

Guide Dog Facility for the Blind Harbin Hot Springs Hidden Villa Independence High School J. Paul Getty Residence, San Francisco Koinonia Conference Center Ladera Oaks Swim & Racquet Club Lake Isabella Hot Springs, Los Angeles Laney College Larry Ellison Estates (3 locations) Les Mars Inn, Healdsburg Menlo Circus Country Club Metropolitan Club of San Francisco Mill Valley Tennis & Swim Club	Tracy United School Dist. Treasure Island Naval Base Twenty-Nine Palms Marine Base Vallejo City USD Vineyard Crossing Resort Vintage High School Werner Hot Springs West Valley College Wild Water Adventures, Clovis, CA Woodland Vista Club Woodleaf Christian Camp Woodside High School Worldmark by Trendwest, WA Wyndham Resort Hotels
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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 settled.

-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. Suit settled before trial.

-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.

-California State Contractor License Board v. Contractor. Improper drawings and plans development. Worked for Defendant. Trial Testimony. Suit settled.

-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. Deposed. 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.

- Patron v. Water Park owner. Patron injured on a slide at a water park due to lifeguard negligence. Worked on behalf of plaintiff. Completed site visit. Case settled prior to report filed.

-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. Deposed. 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 settled before trial.

-Community association drowning. Working on behalf of the plaintiff. Pool evaluation, evidence evaluation and report. Prepared declarations for summary judgement. Suit settled prior to trial..

-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 settled before trial.

-Renter v. home owner. Worked on behalf of the defendant. Wrongful death in the backyard pool. Site visit, report, discovery review. deposed, Suit settled before trial.

-Patron v. water park. Working on behalf of plaintiff. Claim of injury due to tipping bucket accident. Suit settled before trial. .

-Patron v. water park. Working on behalf of plaintiff. Claim of injury

due to collision of patrons on slide. Suit settled before trial.

- Customer v. contractor. Claim of code violations poor workmanship. Working on behalf of the defendant. Deposed. Suit settled before trial.*
- Patron v. city. Diving board injury claim. Site visit and report. No suit filed as yet. Suit still pending.*
- Patron v. Recreation District: Drowning of six year old child. Working On behalf of the defendant. Suit still pending.*
- Contractor v. Owner: Cross complaint for accidental drowning of child. Working on behalf of defendant. Deposed. Pool assessment, report. Case still in discovery.*
- Recreation district v. Parent: Drowning of seven year old at day camp activity at another recreation district pool. Research only. Working for defendant. Case still in discovery.*
- Home Owner v. Contactor: Completion of work without proper permits, resulting in damage to the owner's property. Case still in discovery. Working on behalf of plaintiff. Deposition schedule. Suit still pending.*
- Condo Owner v. Association: Personal injury due to carbon dioxide poisoning. Worked for Plaintiff. Research and report. Suit still pending.*
- Patron v. Private Camp ground: Personal injury from e.coli infection. Worked on behalf of plaintiff. Site visit, research. Suit settled prior to report.*
- Patron v. Private Campground: Personal injury with fatality. Patron died from brain eating amoeba infection. Worked for plaintiff. Research, verbal report. Suite settled prior to report.*
- Patron v. Hotel/resort: Personal injury from a slip and fall on a splash pad. Worked for plaintiff. Site visit, report. Suite still pending*
- Individual v. Homeowner: Personal injury in a homeowner above ground pool. Worked for defendant. Site review, research. Suite settled prior to trial.*

-Patron v. Private Water Park: Adult drowning in wave pool. Site visit
Discovery review. Working for plaintiff. Case still pending.

-Patron v. Private University: Student injured from chemical release to
pool. Worked for defendant. Site visits (2), research and report.
Suit settled prior to trial.

-Homeowner v. Contractor: Claim of shoddy workmanship resulting in
damage to pool and landscaping. Worked for defendant. Site visit
research, report. Suit settled prior to trial.

-Homeowner v. contractor: Claim of poor workmanship, pool not working
properly. Worked for plaintiff prior to suit being filed. Parties
settled in arbitration.

-Patron v AirB&B Owner: Claim of chemical burns from spa. Worked for
defendant. Completed research, preliminary report. Suite settle
prior to trial.

-Home owner v. Contractor: Failure to complete project, overbilling.
Worked for plaintiff. Site visit, research, report. Suit in
arbitration.

-Homeowner investigation for possible legal action: Pool cracking,
uneven edges, hillside erosion. Worked for homeowner. Site visit
research, report. Matter sill pending.

-Patron v Major Hotel: Personal injury from bacterial infection. Worked
for defendant. Site report, research. Suit settled prior to trial.

-Patron v. Home Owner Association: Personal injury from diving
accident. Worked for defendant. Site visit, research. Suit settled
prior to trial.

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:

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