

THE LEAD EXPERT



Brian LaCas is a court-qualified expert and Professional Hydrological and Civil Consulting Engineer, the lead expert, and head of a highly experienced and professional forensic hydrology team. His credentials are distinguished, including P.Eng., FEC, APEC Engineer, and IntPE designations. Based in Vancouver, BC, Canada, he brings extensive expertise spanning hundreds of studies and engineering design and construction projects across Canada, the United States, and international markets.

He specializes in surface water hydrology and hydraulics, meteorology, sedimentation, floodplain analysis, river systems, mining water management, shoreline and ocean coastal engineering, urban and rural watershed management, storm drain systems, and statistical analysis of climate and flow data.

His comprehensive experience is further complemented by expert witness work on behalf of both plaintiffs and defendants and in both Canadian and American legal cases.



WHY LEGAL TEAMS CHOOSE LCI ENGINEERING GROUP

- ✓ Independent & Unbiased Technical Opinions
- ✓ Courtroom-Tested Expert Witness Experience
- ✓ Advanced Hydrologic & Hydraulic Modelling
- ✓ Clear Communication of Complex Concepts
- ✓ Responsive Litigation Support
- ✓ International Experience & Credentials
- ✓ Powerful Technical Graphics & Demonstratives

CONTACT

LCI Engineering Group
MNP Tower, Suite 900
1021 West Hastings Street
Vancouver, BC, Canada, V6E 0C3
Phone: 604.688.2535
Email: info@lcigroup.com
hydrologyexpertwitness.com



FORENSIC HYDROLOGY EXPERTS AND WATER RESOURCES CONSULTING GROUP

INDEPENDENT TECHNICAL
EXPERTISE FOR COMPLEX WATER-
RELATED LITIGATION

TRUSTED HYDROLOGICAL ENGINEERING, CLEAR COURTROOM COMMUNICATION

We offer independent hydrology and hydraulic engineering expertise for rivers, lakes, and coastal and ocean environments, supporting complex litigation, insurance claims, and infrastructure disputes worldwide.

Our team is dedicated to helping lawyers, law firms, and insurance companies navigate the complex technical world of surface water engineering, translating intricate concepts into language that clients, judges, and juries can easily understand.

FROM TECHNICAL ANALYSIS TO COURTROOM CLARITY

When engaged in a case, we conduct a comprehensive review of all available data, including environmental reports, engineering plans, and incident documentation. We follow up with an independent analyses utilizing advanced modelling techniques to simulate water movement, precipitation-runoff dynamics, and assess impacts.

While initial assessments are typically completed within a few weeks, more complex analyses are developed as cases progress. Our team will work closely with legal counsel to ensure timely, case-aligned deliverables throughout the litigation process.

HONEST ASSESSMENTS, DEFENSIBLE CONCLUSIONS

As your expert consultants, we are committed to honest assessment.

If weaknesses exist in your case theory, we will tell you. If the technical data support your position, we will analyze, model, report, and present the results with compelling graphics and in plain language that will resonate and hold up in any courtroom.

OUR PROFESSIONAL FORENSIC HYDROLOGY TEAM IN THE FIELD

