



Jeff Reitsma, MBA, PMP, P.Eng. *(he/him)*

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PROFESSIONAL SUMMARY

Mr. Jeff Reitsma is Vice President and Practice Lead of 30 Forensic Engineering’s Construction group, with over 20 years of experience in the engineering consulting and construction industries. Jeff specializes in leadership of multidisciplinary forensic investigations and post-loss remediation projects nationwide and has led design and construction teams for some of the biggest engineering firms in North America. He has overseen municipal capital infrastructure projects from conception to completion and has designed and directed environmental assessment works involving indoor air quality, chemical engineering, mould, asbestos, and fire and flood impact mapping. Jeff is an ODACC-Registered adjudicator supporting dispute resolution under the Construction Act in Ontario.

In his role as Vice President and Practice Lead at 30 Forensic Engineering, Jeff provides leadership across multiple business lines in support of both small-scale forensic investigations and large-scale remediation, environmental, construction claims, and catastrophic event support projects. Jeff’s position on the Board of 30 Forensic Engineering allows him to conceive and oversee the execution of strategic initiatives and continuous improvement in the operation and sustainability of the firm. Jeff’s commitment to collaboration, mentorship and project management best practices allows him to continually build highly effective project teams and deliver innovative solutions to clients across Canada.

SPECIALIZED PROFESSIONAL COMPETENCIES

Construction

- Project Management – Roles, Responsibilities and Standards of Care
- Contract Administration – Bid and Tender, Scope, Cost and Schedule Review
- Project Scheduling and Financial Controls
- Multidisciplinary Design Coordination and Delivery
- Construction and Demolition Sequencing
- Peer Review and Forensic Analysis of Remediation Scope, Schedule and Cost
- Construction Dispute Resolution (ODACC and ADRIO-registered)



Environmental / Chemical Engineering

- Indoor and Outdoor Air Quality and Odour Control
- Environmental Hazards, Designated Substances and Health and Safety
- Industrial Ventilation, Pollution Controls and HVAC
- Chemical and Process Engineering
- Regulatory Framework – Permits and Approvals, Pollution Controls and Monitoring
- Resilient Design and Sustainable Infrastructure
- Stormwater and Wastewater Management and Design

Catastrophic Loss

- Disaster Response and Emergency Management (ICS/IMS-certified)
- Multi-team Logistics and Program Management
- Multidisciplinary Investigations, Triage and Remediation Design
- Large-scale and Complex Municipal and Transportation Infrastructure Assessment

Infrastructure

- Infrastructure Analysis and Design – Water, Wastewater and Stormwater Conveyance and Treatment
- Climate Change and Flood Risk Analysis and Design
- Municipal Asset Management and Emergency Response

ACADEMIC BACKGROUND

Master of Business Administration (With Distinction), University of Adelaide, 2003

Bachelor of Applied Sciences (With Honours) — Environmental-Chemical Engineering, University of Waterloo, 2000

ADDITIONAL COURSES

- Adjudication for Administrative Agencies, Boards & Tribunals, York University Law School, 2019
- Incident Management System (IMS-100), OFMEM, Toronto, 2017
- Incident Command System (ICS-100, -200), AEMA, Calgary, 2017
- B&V Project Management Essentials, B&V, Kansas City, 2014
- Joint Health & Safety Committee Member Certification, OSG, Toronto, 2014
- B&V Engineering Management Essentials, B&V, Kansas City, 2012
- Project Management for Construction, University of Toronto SCS, Toronto, 2010



- Essentials of Project Management, University of Toronto SCS, Toronto, 2009
- Technical & Proposal Writing, IWCC, Markham, 2008
- Comprehensive Project Management, Procept, Markham, 2008

EMPLOYMENT BACKGROUND

30 Forensic Engineering

Vice President & Practice Lead, Construction
2023 – Present, Vancouver, BC

- Member of the executive leadership team responsible for the management, strategic planning, and governance of 30 Forensic Engineering.
- Provide technical project leadership, senior review and program management services on construction, environmental, health & safety, CAT Loss, multi-disciplinary, large-scale and complex loss projects.
- Lead property team marketing, sales and client delivery efforts across multiple business lines.
- General business leadership including forecasting, strategic planning, quality, team performance management, liaison with human resources, accounting and finance.
- Construction responsibilities include:
 - Provision of expert opinion related to schedule, scope and pricing of construction and remediation-related disputes
 - Peer review of cost submittals in multi-disciplinary claims, subrogation, surety, and dispute reviews
 - Dispute resolution activities in support of construction and insurance administrative justice settings (appraisal, adjudication, mediation)
 - ODACC-registered adjudication of disputes under the Construction Act in Ontario
- Environmental & Chemical Engineering responsibilities include:
 - Direction of environmental assessment works including indoor air quality, mould, asbestos
 - Loss impact assessment – smoke, soot, and water impact mapping
 - Review of analytical results and process information (e.g. MSDS, toxicological data, designated substance testing results) in the development of cleaning & access protocols and assessment of health & safety risks
 - Oversight of environmental abatement & remedial construction contractors
 - Coordination with internal practice leads to help manage talent development and workload
 - Provision of construction, infrastructure, chemical and environmental engineering expertise in support of legal dispute files; certified as Expert Witness
- Remediation responsibilities include:
 - Leadership of multi-discipline engineering teams
 - Management of quality, scope, budgets and schedule
 - Provision of project and construction management expertise across client service delivery groups



CURRICULUM VITAE

Jeff Reitsma, MBA, PMP, P.Eng.

- Liaison with owners, contractors and regulators in development of permits and project execution plans
- Leadership team responsibilities include:
 - Secretary of Board of Directors
 - Chair – Finance, Planning & Risk Management; and Joint Health & Safety Committees
 - Board Sponsor – 30 Ventures and Innovation Committee
 - Provision of strategic, marketing and governance input into overall firm operations in conjunction with leadership
 - Ongoing review of risks, opportunities, and liaison on financial and strategic opportunities in collaboration with the leadership team

Vice President & Practice Lead, Remediation
2018 – 2023, Toronto, ON

Practice Lead, Remediation Group
2016 – 2018, Toronto, ON

Senior Associate
2014 – 2016, Toronto, ON

Black & Veatch Canada

Civil Infrastructure Team
2010 – 2014, Markham, ON

- Provided full-range of project and engineering management services for projects ranging from small investigations and studies through to complex multidisciplinary municipal capital infrastructure upgrades.
- Stewarded projects through life cycle, including management aspects such as business development and client relationship management, development of project budgets and schedules, management of contractual, schedule, and financial issues and general conformance with client and internal QA/QC requirements. Technical execution aspects included leadership of internal team including coordination of workloads and design activities and incorporation of inputs from external sub-consultants and specialty service providers.
- Lead project reviews of constructability, health and safety, designated substances & hazardous materials, operations and maintenance, risk, and procurement within broader best-practices project management framework.

AECOM Canada (formerly EarthTech Canada)

Environmental & Air Quality Group
2003 – 2010, Markham, ON

- Provided project management services for small- and medium-sized environmental and air quality projects, and engineering management leadership on large municipal capital infrastructure upgrades. Project responsibilities included oversight of scope, budget and schedules, satisfaction of client invoicing, progress- and earned-value-reporting requirements.



- Design & assessment work within air quality team (indoor air quality, odour control, demolition and process-mechanical) included on-site investigation, testing and data gathering, review of chemical and environmental hazards, design of control systems, process engineering calculations (exposure limits, flow-rate calculations, process design, drawings and specifications as well as identifying and obtaining required permits and approvals.

Stantec Consulting

Industrial Group, Environment & Air Quality Team
2000 – 2002, Mississauga, ON

- Supported small scale industrial ventilation and air quality projects by executing site assessments (mould & IAQ assessments, process analyses), design calculations and sketches, writing reports, review of MSDS and toxicological reports and development of air quality control systems.
- Lead execution of permits and approvals (Ontario Air & Noise, NPRI, TRCA Development, municipal building permits) and leading air contaminant dispersion modelling for commercial and industrial clients and review of applicable air quality codes and standards.

Co-op Assignments

- Stantec Consulting – Air Quality Team, Mississauga, ON – ventilation system design and air permitting for chemical, steel & metals, and automotive industrial clients.
- Petro-Canada (Lubricants) – Environmental Team, Mississauga, ON – logistics optimization and hazardous emissions management.
- Polycon Canada – Process Improvement Team, Guelph, ON – chemical optimization team and paint shop H&S review.
- Domtar Fine Papers – Quality Control, Cornwall, ON – quality trials coordination and support to production team.
- Tunnel Systems Inc. – Steel & Welding Team, Guelph, ON – materials handling & production support.
- Environment Canada – Hazardous Materials Branch, Hull, QC – review and support of federal regulatory framework development for life-cycle analyses.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- Society for Construction Law, Member
- Alternative Dispute Resolution Institute of Ontario (ADRIO), Member
- Ontario Dispute Adjudication for Construction Contracts (ODACC), Registered Adjudicator
- Society of Ontario Adjudicators and Regulators (SOAR), Member
- Ontario Association of Emergency Managers (OAEM), Member
- Professional Engineers of Ontario (PEO), Member & Licensed Professional
- Association of Professional Engineers and Geoscientists of Alberta (APEGA), Member, Licensed Professional, Responsible Member



- Association of Professional Engineers and Geoscientists of British Columbia (APEGBC), Member & Licensed Professional
- Ordre des ingénieurs du Québec, Member
- Team Rubicon, Member
- Project Management Institute (PMI), Member
- PMI Construction Community of Practice, Member

AWARDS AND ACHIEVEMENTS

- 30 Forensic Engineering 2016 Outstanding Leadership Award
- 30 Forensic Engineering 2016 Outstanding Innovation Award (*shared with J. Burns, S. d’Obrenan, P. Robalino, R. Parkinson*)
- EarthTech 2007 President’s Award for Technical Excellence—Facilities (Gold)—OPG Darlington Dry Storage Facility

PUBLICATIONS AND SPEAKING ENGAGEMENTS

Speaking Engagements

- “*After the Smoke Has Cleared – Secondary Risks in Fire Loss Events*”, Subject Matter Expert, CURIE Atlantic Canada Risk Management Conference, October 2019.
- “*Environmental and Remediation Risks*”, Subject Matter Expert, Service Master Canada National Meetings (West, Central, East Sessions), March 2018.
- “*Consulting at 30 Forensics*”, Subject Matter Expert & Lead Instructor, 30 University (Internal), November 2017.
- “*The Future of Infrastructure*”, Presenter and Discussion Panel Member, JLT Canada Public Sector Summit, October 2017.
- “*Project Management Boot Camp*”, Subject Matter Expert & Lead Instructor, GK University (Internal), June – August 2016.
- “*Effective Communications & Soft Skills Workshop*”, Subject Matter Expert & Panel Member, WEAO Young Professionals, Ryerson University, January 2015.
- “*Foundations of Project Management*”, Primary Technical Lead, B&V Water College (United Kingdom & Middle East), August – November 2014 (various engagements).
- “*Foundations of Project Management*”, Subject Matter Expert – Integration, Quality, Procurement & Stakeholder Management, B&V Water College (Americas), January 2013 – November 2014 (various engagements).

Publications

- Gilkinson, M., Pelkman, D., Reitsma, J., “*PV Systems Today—How They Fail & Why*”, In: CURIE Risk Management Newsletter, Volume 34 Issue 21, June 2019.
- Ciasnocha, C., Reid, J., Reitsma, J., “*The Hazards of Adjusting*”, In: Canadian Underwriter, February 2018.



- Barrett, M., Reitsma, J., “Project Management in Large Loss Property Claims”, In: PLRB Claims Conference, March 2017.
- Reitsma, J., “Multi-disciplinary Approach to Remediation”, In: Insurance People, November 2016.
- Allan, W., Reitsma, J., “Odor Control System for Nashville Central WWTP Bio-solids Handling Facility”, In: WEF Odors and Air Emissions Conference, April 2008.
- Carciumaru, A., Reitsma, J., “Clarkson WWTP - Odour Control System Design and Installation”, In: WEAO Technical Symposium, April 2007.