

# **Proctor and Redfern Limited**

(continued)

## **Technological expertise**

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- Industrial/municipal water and wastewater treatment plant design, process optimization and operation, process audits. All scales of operation from 10 m<sup>3</sup> to 545 000 m<sup>3</sup>/day.
- Industrial pollution abatement using the concepts of reduction, re-use and recycling.
- Support to industries to aid in reduction of discharges to receiving waterbeds.
- Environmental impact studies and water quality assessment.
- Municipal sewer use by-law implementation and enforcement.
- Hazardous waste cleanups, site audits, inspections and remediations.
- Environmental assessment and approvals.
- Analytical services
- Sludge management and disposal including incineration.

## **Products developed**

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- Feasibility studies, project management, contract preparation/administration, evidence and expert testimony, field services, investigations and reports, preliminary design/concepts, advisory services, tender call and review, liaison with approval authorities, detailed design, and construction management.
- Development of the Proctor & Redfern Proportional Sampler for precisely determining the levels of consumption of metals in drinking water at any point in the distribution system.
- Development of Automated Breakline Technology software which greatly increases the reliability and addressability of computerized terrain modelling.
- Innovative computer software programs to optimize and modify wastewater treatment process trains and to update cost benefit analyses of various unit operators.