

Awards

Award of Excellence 2011

Municipal Engineering Category

Consulting Engineers
of British Columbia

District of Kent
Duncan-Bateson Pump Station

Award of Merit 2011

Municipal Engineering Category

Consulting Engineers
of British Columbia

Abbotsford Mission Water &
Sewer Services
Dickson Lake Upgrades

Award of Excellence 2009

Municipal Engineering Category

Association of Professional
Engineers & Geoscientists of
British Columbia

Award of Excellence 2009

Municipal Engineering Category

Consulting Engineers
of Canada

District of West Vancouver
Eagle Lake Membrane
Water Treatment Facility

Award of Excellence 2009

Municipal Engineering Category

Consulting Engineers
of British Columbia

Gold Award 2009

Water & Wastewater Category
American Council of Engineering
Companies of Washington

Honor Award Local Civil Engineering Achievement 2009

American Society of
Civil Engineers
King County, Washington State
Design/Build of the
Brightwater Marine Outfall



Office - North Vancouver

Opus DaytonKnight was incorporated in British Columbia in 1965. The company is largely made up of technicians and professional engineers. Management rests with senior engineers who are active in the day-to-day activities of the organization.

Fields of specialization include sewage collection, treatment, disposal, and reclaimed water reuse; water supply, treatment, and distribution; stormwater management; solid waste management; SCADA systems; emergency response planning, asset management and trenchless technology.

OFFICES:

#210-889 Harbourside Drive,
North Vancouver, B.C., Canada, V7P 3S1
Phone: 604-990-4800; Fax: 604-990-4805
Email: info@opusdaytonknight.com

#305-2722 Allwood Street,
Abbotsford, B.C., Canada, V2T 3R7
Phone: 604-852-9256; Fax: 604-852-9240
Email: abbotsford@opusdaytonknight.com

#308-809 Manning Road,
Calgary, A.B., Canada, T2E 7M9
Phone: 403-207-6000; Fax: 403-207-6045
Email: calgary@opusinternational.ca

#80 Bishop Drive,
Fredericton, NB, Canada, E3C 1B2
Tel: 506-451-0055 Fax: 506-451-4838
Email: fredericton@opusinternational.ca

#255-1715 Dickson Avenue,
Kelowna, B.C., Canada, V1Y 9G6
Phone: 250-868-4925; Fax: 250-868-4923
Email: kelowna@opusinternational.ca

#101-2700 Queensway Street,
Prince George, B.C., Canada, V2L 1N2
Phone: 250-562-0038; Fax: 250-562-0058
Email: princegeorge@opusdaytonknight.com

#1-3772 Fourth Avenue, Box 939
Smithers, B.C., Canada, V0J 2N0
Phone: 250-847-1913; Fax: 250-847-1914
Email: smithers@opusdaytonknight.com

#850-1185 West Georgia Street,
Vancouver, B.C., Canada, V6E 4E6
Phone: 604-684-4488; Fax: 604-684-5908
Email: vancouver@opusinternational.ca

#401-707 Fort Street,
Victoria, B.C., Canada, V8W 3G3
Phone: 250-952-5640; Fax: 250-920-5620
Email: victoria.office@opusinternational.ca

For further information: Please contact: Victor Wong
P.Eng. at our North Vancouver Office. Or, visit our
website at: www.opusdaytonknight.com

*As of 15 Nov 2010 Dayton & Knight Ltd. became Opus DaytonKnight Consultants Ltd.

Pump Stations



OPUS DAYTONKNIGHT



Pump Stations - Engineering and Construction Services

Since 1965 **Opus DaytonKnight** has assisted in the development of traditional and innovative solutions to secure our clients' needs.

Fields of specialization include: sewage collection, treatment and disposal; reclaimed water reuse; water supply, treatment and distribution; stormwater management, solid waste management, research assignments, SCADA systems and trenchless technology.

Planning work includes audits, development cost charge determination, liquid waste management plans and facility Master Plans.

Expertise is provided in sanitary engineering, hydraulics, hydrology, structural, electrical, mechanical, computer modeling, PLC and SCADA programming, construction management, project management, design-build, operation training, documentation for certification of facilities, environmental impact assessments and studies, energy audits, asset management, security systems advice, expert systems analyses, and post construction services.

Opus DaytonKnight offers complete engineering services from feasibility studies, pre-design, detailed design, and construction management services including commissioning and post construction of water, sanitary and drainage pumping stations, and all other types of municipal infrastructure.



River Heights Water Pump Station
City of Coquitlam, B.C.



Sanitary Pump Station
Resort Municipality of Whistler, B.C.



East Aldergrove Booster Pump Station
Township of Langley, B.C.

Opus DaytonKnight has developed a variable head drainage pumping station for the City of Coquitlam's Harbour Storm Pump Station. Traditional design requires the discharge elevation to be above the maximum river level. However, the river levels are considerably lower throughout the rest of the year. This unnecessary higher static lift for 95% of the year results in wasted energy costs. The adjustable discharge elevation reduces the operating cost of the facility.

Opus DaytonKnight has in-house engineering expertise for the design of pumping facilities including the following services:

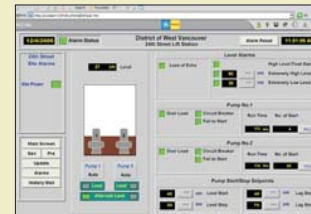
- Hydraulic modeling
- Transient analysis
- Civil
- Mechanical and HVAC
- Structural
- Electrical
- Instrumentation and controls
- SCADA and Radio communications
- PLC programming



Carter Street Storm Pump Station
City of New Westminster, B.C.



David Avenue Pump Station
City of Coquitlam, B.C.



SCADA System



Fishtrap Creek Water Pump Station
(Collector Well Below)
City of Prince George, B.C.

2007 CEBC Award of Merit for Engineering
Excellence in the Municipal Category