

## Background

Construction of FDC pumping station, wet well & Valve chamber, and metering chamber including all accessories, electrical, Instrumentation & control systems.

## Project Scope

- ☞ Provide & commission Field devices & Control panel, FAT & SAT, Training
- ☞ Commission the entire control & instrumentation system
- ☞ PLC & HMI Programming

## Project Demand

- ☞ Seamless Integration
- ☞ Precision Programming for Optimal Performance

## Reason for Win!

- ☞ Prequalified System Integrator.
- ☞ Ignition Expertise

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## LISGAR DISTRICT UTILITY TRENCH DE-WATERING AND FDC PUMPING STATION

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### Scope of Valley Integration Inc.- Instrumentation + Programming

Valley Integration was responsible for,

- Supply, Test & Commissioning of Field Instruments
- **PLC and SCADA Programming:** Develop PLC programming for the AB CompactLogix 5380 Controller and SCADA programming using Ignition Custom Package 8.09.
- **Testing and Reporting:** Conduct FAT and SAT and submit signed test reports.
- **System Features:** Implement Ignition Edge Panel and Enterprise for local and remote clients, with alarming and email notifications.
- **Training:** Provide on-site training.
- **Documentation:** Submit final panel drawings, dialer lists, PCN, PLC base load, SCADA backup, and standard testing documents.

### List of Major Suppliers:

- **PLC :** AB CompactLogix
- **HMI :** Ignition Edge Panel



**Valley Integration Inc.**

Unit 12, 3170 Ridgeway Drive, Mississauga, ON L5L 5R4  
[www.valleyintegration.com](http://www.valleyintegration.com)