



## **COURSE DESCRIPTION and OUTLINE - The SWS Training Course Aquifer Performance Test Analysis using AquiferTest Pro**

Schlumberger Water Services Partner Training Course presented by True Blue Technologies and Oak Environmental Inc.

At SWS Office – 3480 Gilmore Way, Suite 110; Burnaby, BC on March 6 & 7, 2012

**Instructor:** Harry Samby, Schlumberger Water Services – Waterloo, Ontario

### **Day 1 – Tuesday March 6, 2012 (registrants to bring own lap top)**

- 8:30 - 8:45 Lecture: Course Introduction
- 8:45 - 9:45 Lecture: Principles of Aquifer Test Analysis and AquiferTest Pro
- 9:45 - 10:00 *Break*
- 10:00 - 11:15 Exercise: Introduction to AquiferTest Analysis
- 11:15 - 12:00 Lecture: Pumping Test Analysis using Type Curves
- 12:00 - 13:00 *Lunch*
- 13:00 - 13:45 Lecture: Pumping Test Analysis using Type Curves ... cont'd
- 13:45 - 15:00 Exercise: Confined Aquifer Test Analysis
- 15:00 - 15:15 *Break*
- 15:15 - 16:00 Exercise: Leaky-Confined Aquifer with Delayed Yield
- 16:00 - 17:00 Exercise: Unconfined Aquifer Test Analysis

### **Day 2 – Wednesday March 7, 2012 (registrants to bring own lap top)**

- 8:30 - 9:00 Lecture: Multiple Well, Variable Rates and Aquifer Boundaries
- 9:00 - 9:45 Exercise: Multiple Pumping Wells
- 9:45 - 10:00 *Break*
- 10:00 - 10:30 Lecture: Well Performance Tests
- 10:30 - 11:00 Exercise: Well Performance Tests
- 11:00 - 12:00 Lecture: Slug Test Analysis
- 12:00 - 13:00 *Lunch*
- 13:00 - 13:45 Exercise: Slug Test Analysis
- 13:45 - 14:15 Exercise: Slug Test vs. Pumping Test Analysis
- 14:15 - 14:30 *Break*
- 14:30 - 15:00 Lecture: Divers and Remote Datalogging
- 15:00 - 15:45 Exercise: Importing and Analysing Diver Data in AquiferTest
- 15:45 - 16:15 Lecture: Advanced Features of AquiferTest Pro
- 16:15 - 17:00 Exercise: Case Study: Village of Erin Aquifer Performance Test

Additional: Fractured Aquifer Analysis

Additional: Variable Pumping Rates

**For more information contact:**

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