

Certified Hydrogeologist (CHG) Examination Sample Questions

Based on the Test Plan Effective January 2020

Example No. 1

What is the practical limiting range at sea level for the use of suction lift pumps in monitoring wells?

- A. 10 to 15 feet
- B. 20 to 25 feet
- C. 35 to 45 feet
- D. 50 to 100 feet

Example No. 2

Which of the following borehole conditions must exist to conduct resistivity and spontaneous potential surveys?

- A. Cased, full of fluid
- B. Cased, no fluid required
- C. Uncased, full of fluid
- D. Uncased, no fluid required

Example No. 3

How should a monitoring well be screened at a petroleum UST site with associated groundwater contamination?

- A. Dual screen at the bottom of the aquifer and the interface of the aquifer
- B. Use slots greater than 0.10 inches to allow free product to enter
- C. Ensure that water level fluctuations do not submerge the screen
- D. Screen below the water table

Example No. 4

1. Use the exhibit provided to answer the following question.

Residual-drawdown curve from a constant rate test shows zero drawdown at a t/t' value of 3.8 unitless. This is evidence for:

- A. limited extent of aquifer.
- B. variations in the storage coefficient.
- C. recovery of water level in the well.
- D. long term depletion of water in the aquifer.

