

Part C - Pump Test Monitoring for the Proposed Well

1.5 Drawdown of **Ground Water** levels in the **Well** being tested should be monitored during the test as follows:

- a) drawdown of **Ground Water** levels in the **Well** being tested should be monitored at a frequency and duration no less than that specified in the following table, unless a **Qualified Professional** specifies a greater monitoring frequency and duration in order to adequately determine maximum drawdown and recovery, in which case monitoring must be done at the frequency and duration specified by the **Qualified Professional**.

Frequency	Duration
Pre-test water level	
<ul style="list-style-type: none"> • Once 	n/a
Water level during pump test	
<ul style="list-style-type: none"> • Every 1 minute during pumping 	0 to 10 min. elapsed time
<ul style="list-style-type: none"> • Every 5 minutes during pumping 	to 1 hour elapsed time
<ul style="list-style-type: none"> • Every 10 minutes during pumping 	to 4 hours elapsed time
<ul style="list-style-type: none"> • Every 60 minutes during pumping 	to 24 hours elapsed time
Maximum drawdown prior to shutting the pump off	
<ul style="list-style-type: none"> • Once 	n/a
Water level after pump shut off	
<ul style="list-style-type: none"> • Every 1 minute during recovery 	0 to 10 min. total elapsed time
<ul style="list-style-type: none"> • Every 5 minutes during recovery 	to 1 hour elapsed time
<ul style="list-style-type: none"> • Every 10 minutes during recovery 	to 4 hours elapsed time
<ul style="list-style-type: none"> • Every 60 minutes until full recovery of the <i>Well</i> has occurred 	As required

- b) If drawdown in the **Well** being tested is observed during testing to be more than 50% of the available drawdown, calculated in accordance with Section 1.9, or the **Well** being tested did not fully recover within 8 hours in the case of unconsolidated formations or 24 hours in the case of consolidated formations, then the **Owner** must retain a **Qualified Professional** to complete the remainder of the water source development and testing program if a **Qualified Professional** has not already been retained.