Secchi Depth	<ul> <li>month. If you that often, cor teams or askin</li> <li>Extra Secchi of What colour i</li> </ul>	
Secchi Depth	•	
ime (m)	Water Temp. at 1m (°C)	Comments (weather, algae etc.)
Program e Environment nmental Science Centre Bellwood Acres Rd. 0A 1E0 470-8322	additiona to Dorset Thank yo	ep this sheet for I readings and return before December. ou for collecting this information!
	Program Environment mental Science Centra ellwood Acres Rd. 0A 1E0 70-8322 254	Internet       (m)       at 1m (°C)         at 1m (°C)       at 1m (°C)         at 1m (°C)

## Determining the Secchi Depth

- 1. Lower the Secchi disc until it disappears from view.
- 2. Note the depth.
- 3. Raise the Secchi disc until it reappears.
- 4. Note the depth.
- depths on the other side of this sheet. 5. The Secchi depth is the average of these two depths. Record the Secchi

conditions. Record your readings in tenths of a metre eg. 4.2m sunglasses. Take at same time of day (noon if possible) in calm weather VOTE: Take your reading on the shady side of the boat. Do not wear

### **Taking the Water Sample**

#### Your kit contains:

tubes. Use the sampling bottle to collect water to fill the jar and the  $\Sigma$  tubes. I sampling bottle, I filter with Nitex mesh, I wide mouthed jar and 2 test

- 1. First rinse all four containers twice with lake water.
- .guidt bottle to a clean weight that will let it sink. A hammer may be the best You will need to attach a length of light rope to the neck and tape the depth of the Secchi reading but no closer than I metre to the bottom. Collect a sample by lowering and retrieving it through the water to a
- 3. Pour the water through the filter apparatus.
- 4. Fill the wide mouthed jar with the first sample.
- Snus fill the two test tubes to just above the line. Make sure that the lids are 5. Take a second sample at the same site, the same way and use this water to

refrigerator prior to shipping. Return the bottles to Dorset as soon as possible. Store the samples in the

### Determining the Secchi Depth

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# **Iaking the Water Sample**

Your kit contains:

tubes. Use the sampling bottle to collect water to fill the jar and the  $\Sigma$  tubes. I sampling bottle, I filter with Nitex mesh, I wide mouthed jar and 2 test

- 1. First rinse all four containers twice with lake water.
- clean weight that will let it sink. A hammer may be the best thing. need to attach a length of light rope to the neck and tape the bottle to a of the Secchi reading but no closer than **1 metre** to the bottom. You will Collect a sample by lowering and retrieving it through the water to a depth
- 3. Pour the water through the filter apparatus.
- 4. Fill the wide mouthed jar with the first sample.
- Snus fill the two test tubes to just above the line. Make sure that the lids are 5. Take a second sample at the same site, the same way and use this water to

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