4. Chlorophyll – a

5. Combusted 0.7 mm GF/F filter (25 mm diameter)

6. Phycocyanin

7. Combusted 0.7 mm GF/F filter (25 mm diameter)

8. Particulate Phosphorus

9. Combusted 0.7 mm GF/F filter (25 mm diameter)

10. Particulate Carbon and Nitrogen

11. Combusted 0.7 mm GF/F filter (25 mm diameter)

12. Total Nitrogen and Phosphorus

13 0.22 mm Sterivex filter (PES membrane)

14.Dissolved Organic Carbon

15. 0.2 mm polycarbonate filter (25 mm diameter)

16. Dissolved Organic matter Fluorescence (Excitation-Emission Matric Spectroscopy)

17. 0.2 mm polycarbonate filter (25 mm diameter)

18. Micro and Nano Phytoplankton

25. 25% Glutaraldehyde

27. 0.22 mm Sterivex filter (PES membrane)

29. 64 mm tow net (1m diameter) or 64 mm sieve

30. Zooplankton (Stable Isoptopes)

31. 64 mm tow net (1m diameter) or 64 mm sieve