

ISO 5667-6 :2005-07 (E)

Water quality_ - Sampling_ - Part_6: Guidance on sampling of rivers and streams

Contents

Page

Foreword.....	v
Introduction	vii
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	1
4 Design of sampling programme.....	3
4.1 Sampling point selection	3
4.2 Frequency and time of sampling.....	5
5 Preparation for sampling	6
6 Sampling at specific locations	7
6.1 Sampling from bridges.....	7
6.2 In-stream sampling	7
6.3 Sampling from the bank side.....	7
6.4 Sampling from craft.....	7
6.5 Sampling under ice.....	7
7 Sampling methods.....	7
7.1 Single, discrete samples.....	7
7.2 Sampling from specific depths	8
8 Sampling equipment.....	8
8.1 Single, discrete samples.....	8
8.2 Sampling of surface layers for LNAPL (e.g. oils) or surface films	9
8.3 Devices for sampling from specific depths	9
8.4 Automatic sampling devices	9
8.5 Other sampling equipment	10
8.6 Provision of storage for sampling equipment and of samples prior to delivery to the analysing laboratory.....	10
9 Taking the sample.....	10
9.1 Arrival on site	10
9.2 Rinsing the equipment	10
9.3 Direct sampling	11
9.4 Indirect sampling using a sampling vessel	11
9.5 Sampling through ice	11
9.6 Sampling of surface layers or films	11
9.7 Sampling by increments	12
9.8 Adding preservatives in the field	12
9.9 Labelling	12
10 Stabilization, transport and storage of samples	12
10.1 Stabilization.....	12
10.2 Transportation.....	12
10.3 Security and traceability of samples during storage and delivery.....	13
11 Quality.....	13
11.1 Avoidance of contamination.....	13
11.2 Sample identification and records	14
12 Reports	14
12.1 Analytical reports.....	14
12.2 Sampling protocols	15

13 Certification/registration/accreditation 15
14 Quality control 15
15 Safety precautions 15
Bibliography 16