ISO 23056:2020 (E)

Water reuse in urban areas — Guidelines for decentralized/onsite water reuse system — Design principles of a decentralized/onsite system

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Planning of a decentralized/onsite water reuse system

4.1 General
4.2 Possible models of the system
4.2.1 General
4.2.2 Onsite water reuse system
4.2.3 Cluster water reuse system
4.2.4 Community water reuse system

5 Collection of source water for decentralized/onsite water reuse

5.1 Source water
5.2 Collection system
5.3 Greywater collection, treatment and reuse

6 Treatment processes

6.1 General
6.2 Natural treatment process
6.3 Aerobic, anaerobic and combined processes
6.4 Disinfection
6.5 Advanced processes

7 Storage and delivery system

8 Monitoring

9 Risk management and emergency response plan

9.1 Risk management
9.2 Emergency response plan

10 Public engagement and outreach

Page count: 16