

# ISO 16075-4:2021 (E)

## Guidelines for treated wastewater use for irrigation projects — Part 4: Monitoring

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms definitions, and abbreviated terms
3.1	Terms and definitions
3.2	Abbreviated terms
4	Monitoring of the quality of TWW for irrigation
4.1	General
4.2	Sampling procedure
4.2.1	General
4.2.2	Sampling from an irrigation system
4.2.3	Sampling from a storage reservoir
4.2.4	Composite sample
4.2.5	Sample handling
4.3	TWW monitoring plan
4.4	Analytical methods for TWW
5	Monitoring of the irrigated crops
5.1	General
5.2	Frequency of monitoring
5.2.1	Field crops and vegetables
5.2.2	Perennial crops
6	Monitoring of the soil with regard to salinity
6.1	Soil sampling
6.2	Frequency of the soil sampling
6.3	Sampling procedure
6.3.1	Drip irrigation
6.3.2	Sprinkler and micro-jet irrigation
6.4	Sample preparation
6.5	Soil test methods
7	Receiving environment monitoring
7.1	General
7.2	Monitoring programme purpose
7.3	Groundwater sampling
7.4	Surface water sampling
8	Quality assurance and quality control