



Module 7

Verify the effectiveness of the WSP

Module 7 Verify WSP

Session structure

- Definition
- Actions
- Outputs
- Challenges
- Exercises

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Definition

Verification is the application of methods, procedures, tests and other evaluations to determine compliance with the WSP.

Verification confirms that the water quality targets are being met and maintained and that the system as a whole is operating safely and the WSP is functioning effectively

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Actions

Monitor against set limits/targets
Need corrective actions in place
Frequency of monitoring varies
Regime frequently reviewed

Compliance
monitoring

ification

Regulatory author
Qualified auditor
Assessment &
Frequency v

Consumer
satisfaction

Consumer satisfaction checks
Dissuade use of unsafe alternatives

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Outputs

- Confirmation that WSP works
- Evidence that WSP is used in practice
- Confirmation that water quality meets targets



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Validation

Obtaining evidence that elements of the WSP can effectively meet the water quality targets. May require intensive programme of monitoring during normal and exceptional operating conditions.

Verification

The application of methods, procedures, tests and other evaluations to determine compliance with the WSP. Will include:

- Compliance monitoring;
- Internal and external auditing of operational activities;
- Consumer satisfaction

Operational monitoring

The act of conducting a planned sequence of observations or measurements of control parameters to assess whether a control measure is operating within design specifications



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Verification is not operational monitoring

Operational monitoring	Verification
pH	<i>E. coli</i>
Chlorine	Enterococci
Turbidity	Audit

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Challenges

- Lack of capable auditors
- Lack of qualified laboratories to process and analyse samples
- Lack of resources (human and financial)
- No consumer feedback (+ or –)
- Inaccurate documentation

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Exercises

- **Part 1**
 - In two large groups
 - What information to obtain during audit
 - What factors to consider as part of verification programme
 - 10 minutes
- **Part 2**
 - In small groups
 - Outline verification programme
 - 20 minutes

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Summary of WSP stage 3 – monitoring

