

TITLE: Isolation Procedures

What Happened?

At 7am on the 05/07/2011 at Beckton STW the site team returned to site to find PST 7 partially filled with drainage water.



It was rapidly discovered that this ingress was a combination of two factors;

- A door from an existing penstock had been removed and no blanking plate installed
- One of Thames Water's Drainage pumps had failed over night.

Why?

A lack of understanding of the process and the required levels of isolation.

Required Actions/Preventative Measures;

- Production of a clear isolation procedure.
- Specific risk assessment and method statements required which must include details of downstream processes that could possibly fail. This will explain the risks of operating and working existing isolations.
- Clear identification of isolated equipment and cross referenced on method statement
- Additional "Hold Points" to be included / requested in Method Statements, identifying the critical process interfaces and potential failures / scenarios.
- Change to method statement review form to include process interfaces.
- Process tool box talk with all site personnel before commencement of work
- Ensure Supervisors fully understand processes and key checks regarding isolation / blanking procedures.

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