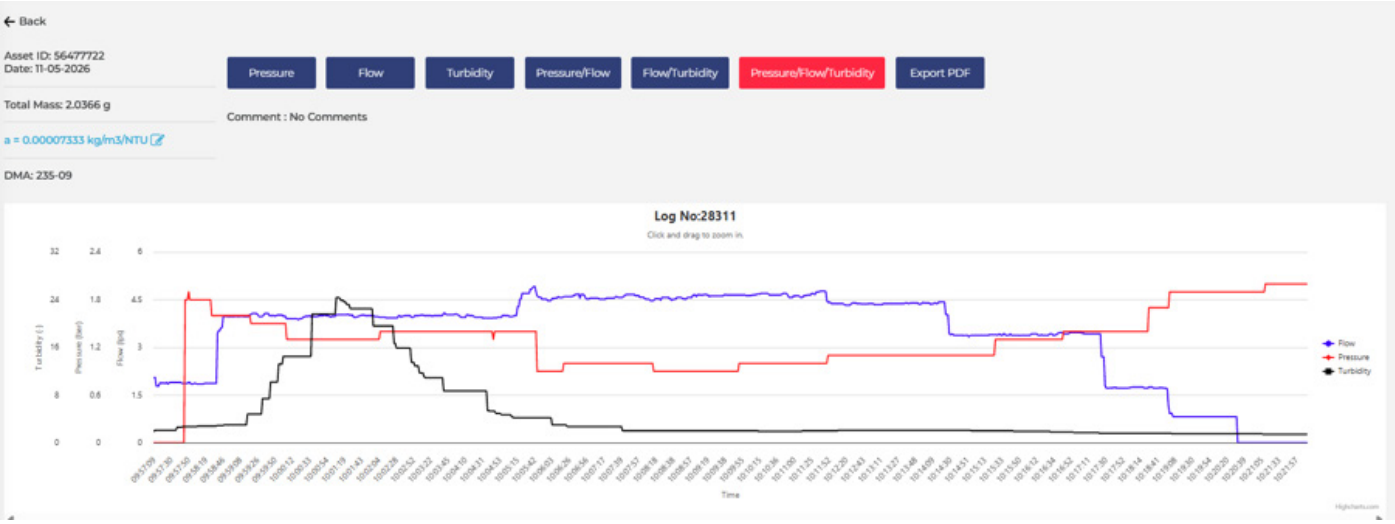
Good Flush Example



1. Flow Pattern

- **Rapid increase at the start:** When flushing begins, flow rises quickly to the target flushing velocity.
- **Stable high flow:** Flow should remain relatively steady at a high level (ideally achieving scouring velocity if applicable).
- **Controlled shut-off:** Flow drops off gradually or sharply at the end

Good sign: A consistent, sustained high flow during the main flushing period.

2. Turbidity Pattern

- **Initial spike:** Turbidity often rises sharply at the start as deposits (sediment, biofilm, etc.) are disturbed.
- **Peak and decline:** After the initial spike, turbidity should begin to decrease as material is flushed out.
- **Plateau at low level:** Eventually, turbidity stabilises at a low, steady value (close to background or acceptable limit).

Good sign: A clear peak followed by a steady decline to low turbidity.

3. Combined Interpretation

When plotted together:

- At **high flow,** turbidity initially spikes →indicates material being mobilised.
- As flushing continues at **constant flow,** turbidity steadily drops network is being cleaned.
- If turbidity **levels off at a low value while flow remains high**, flushing is effective and nearly complete.

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