

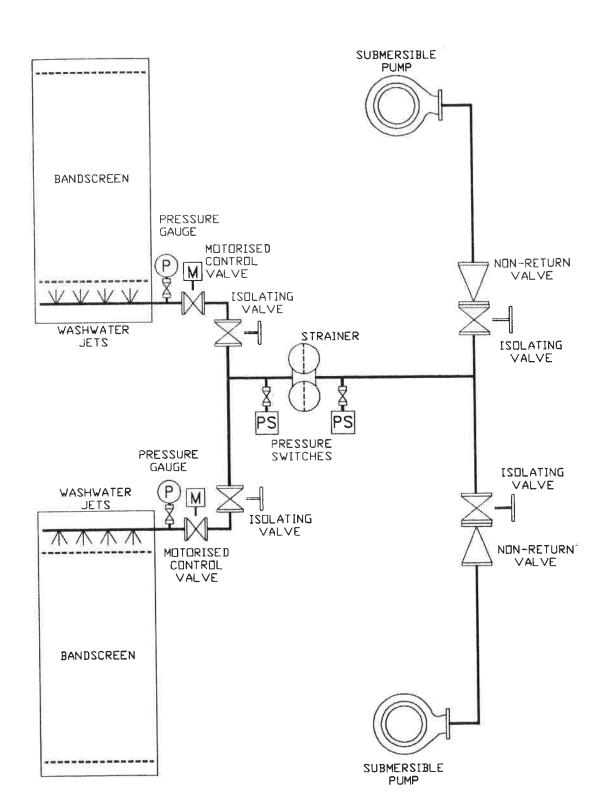
Section: 2.1.2

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WASHWATER CIRCUIT DESCRIPTION

- 1. Two submersible pumps are installed on the downstream side of the bandscreens and supply washwater to the screen jetpipes.
- 2. The pumps operate on a duty/standby basis, each pump having sufficient capacity for the two screens.
- 3. The pumps deliver to a common main which includes a washwater strainer to collect fine particles which might otherwise block the screen jets. The strainer houses two straining baskets allowing one to be cleaned while the other remains in service.
- 4. Manual isolating valves are provided at each pump delivery and each jetpipe branch. Non-return valves are fitted at each pump delivery and motorised valves on each jetpipe provide washwater control.
- 5. Pressure switches are fitted upstream and downstream from the strainer to provide indication of washwater failure and to automatically start the stand-by pump in the event of a duty pump failure.
- 6. A diagrammatic layout of the system is shown right.



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