

## GENERIC ASSET HAZARDS/CONDITIONS – AT THE POINT OF CONNECTION

Sydney Water regards the following as asset hazards or conditions that may have an impact at the point of connection of the new works to Sydney Water's existing system. Water Servicing Coordinators must address these hazards/conditions as a minimum in all Project Safety Plans, specifically as part of a safe work method statement for the connection process.

In addition, the Water Servicing Coordinator in consultation with the Constructor must identify the work environment hazards (eg traffic, other services) and the work activity hazards (eg cutting the pipe, excavating the trench).

### Water assets:

Generic hazards/conditions related to the Sydney Water **water assets** are, but not limited to:

- Pipe material
- Stray electrical currents
- Entry into conduits
- Flooding from water at pressure up to 122 metre head
- Shutdown time restrictions – maximum 5 hours shutdown
- Temporary customer supply requirements – normal customer notification applies. Water tankers may be required
- Water wastage minimised during dewatering, chlorination, flushing and recharging. Water reuse implemented where practical eg discharge water to tankers and for reuse
- FIFM procedure (HSP-070) applies where works are to connect to a water main  $\geq$ DN250 or other nominated critical main.

### Wastewater assets:

Generic hazards related to the Sydney Water **wastewater assets** are, but not limited to:

- Pipe material
- Confined space entry (including wastewater gases)
- Entry to conduits or working on conduits 375 mm or greater
- Flow content - domestic, commercial or industrial discharge
  - trade waste discharge
  - chemicals
  - debris
- Sudden change in flow
- FIFM procedure (HSP-070) applies where works are to connect to a wastewater main  $\geq$ DN300 or other nominated critical main.

**NOTE:** Any exceptional site specific hazards that are part of Sydney Water's operational environment and that may have an impact at the point of connection will be communicated by Sydney Water to the Water Servicing Coordinator as part of the Job Specific Letter (issued with the return of the works design package).