





# HPI Alert Part 1

## Initial notification and key messages from an event



| Incident Title: Combined Alert for Burst Services (Sewer and Water) in Excavations |   |   | Date of issue: 28 Oct 2019       |  |
|--|---|---|----------------------------------|--|
| <b>Date of events</b><br>14 Oct 2019   | <b>Risk Realised</b>  | <b>Sentinel Record</b><br>INC-057338<br>INC-057347  | <b>Related Safety Essentials</b> |  Energy Release<br> Excavation |
| <b>What happened</b>   | <p>Two incidents have occurred on developer funded works near our assets. Developer funded works are not contracted by Water Corporation. However, the risks of working near our live assets still need to be managed.</p>  |   |                                  |  |
|  | <p><b>Burst Water Main (INC-057338)</b><br/>A pressure main failed causing a significant amount of water to enter an excavation.</p>  <p>The workers had previously removed an anchor block which had been supporting the 150 PVC water main. This heavily bowed the water main causing the internal rubber ring to be dislodged and water to start filling the excavation.</p> <p>Workers then shut existing valves to isolate the water main without Water Corporation consent. This resulted in an unplanned outage to approximately 70 customers.</p> | <p><b>Burst Sewer (INC-057347)</b><br/>A worker became trapped when the side of an excavation collapsed.</p>  <p>The worker was repairing shoring in the bottom of a deep excavation when the side of the excavation gave way. The workers legs were pinned and he was quickly retrieved and taken for medical examination.</p> <p>Shortly afterwards, the recently installed sewer bypass failed and sewerage began filling the excavation. A 1.5 tonne excavator within the excavation was engulfed.</p> |                                  |  |
| <b>What immediate corrective actions were taken</b>                                | <ul style="list-style-type: none"> <li>Water Corporation operations were notified and attended site to repair the burst water main and install an alternate sewer bypass.</li> <li>An independent investigation has been established.</li> </ul>  |   |                                  |  |
| <b>What should my team and I do now</b>  | <ul style="list-style-type: none"> <li>As we are aware our assets can have devastating consequences if they fail. Consider the safety risks to workers when planning modification or alterations to assets, including asset protection.</li> </ul>  |   |                                  |  |