

## 3.11 Condition Assessment Information

### Pipe network

The pipe network renewals investment profile is driven by age-based information. The concept being that the older the pipe the poorer the condition with the risk of failure and service interruptions increasing as they reach or exceed their expected useful life. Using this approach, we have prepared a condition assessment against the IIMM framework for each specific pipe in the networks. The condition ratings used are as per the IPWEA International Infrastructure Management Manual (IIMM) as follows.

<b>Confidence Rating</b>	<b>Condition description</b>	<b>Age assumptions</b>
1	Very good condition	> 75% remaining life
2	Good Condition – minor defects only	50-74% remaining life
3	Fair or moderate condition – maintenance required to return to accepted level of service	25-49% remaining life
4	Poor condition – consider renewal	3-24% of remaining life
5	Very poor condition – approach unserviceable	Less than 3% remaining life including backlog

The condition rating is theoretical, there could be pipes that are rated at 5 that remain serviceable and vice versa. Actual renewals are prioritised and programmed based on risk. This is using the asset criticality level and the evidence of the asset being unserviceable (operational evidence, condition assessments). Renewals are programmed to fill the available funding per annum.