

# RO Membrane

The screenshot shows a software interface for 'Quality Control Records' with an EPFC logo. A 'Reverse Osmosis' window is open, displaying a schematic diagram of the process. The diagram shows 'APPLIED PRESSURE' on the left and 'PURE WATER' on the right, separated by a 'Semi-Permeable Membrane'. Arrows indicate the 'Direction of water flow' from left to right. Below the diagram, text explains that the RO membrane is the heart of the system and provides a detailed cross-section of the membrane structure, including labels for 'Perforated central tube', 'Drain seal', 'Feed solution', 'Feed channel spacer Membrane', and 'Permeate collection material Membrane'. A red circle highlights a menu item 'WRS Processes > RO Membrane' in the software's navigation pane. The background shows a table of 'In-house QC Check' records with columns for 'QC Check Description', 'Test Date and Time', and 'Value'. The Windows taskbar at the bottom shows the date as 10/11/2022 and the time as 4:00 PM.