

# WATER QUALITY AND OPERATIONAL LEARNINGS FROM QUAKERS HILL PURIFIED RECYCLED WATER DISCOVERY CENTRE

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## ABSTRACT

In the Greater Sydney Water Strategy, Sydney Water has committed to identifying and planning for new rainfall-independent supply options including purified recycled water. The Purified Recycled Water (PRW) Discovery Centre at Quakers Hill is a key deliverable for Sydney Water under the strategy. The objective was to deliver an advanced treatment demonstration plant that will provide educational tours for stakeholders and the community to learn about the technology and increase water literacy. This paper presents the cross-functional process engineering and operations teams' experiences at the PRW Discovery Centre from a water quality and operational perspective. The learnings that have come from this journey will play an important role for designing and operating future full scale PRW schemes in Greater Sydney.