VIC vs NSW baseflow harvesting – two similar yet very different stormwater harvesting showcases

Hugh Williamson Environmental Engineer, Optimal Stormwater, Chatswood 2067 hwilliamson@optimalstormwater.com.au

Murray Powell General Manager, Optimal Stormwater, Chatswood 2067 <u>mpowell@optimalstormwater.com.au</u>

Allan Zhang Project Engineer, Optimal Stormwater, Chatswood 2067 azhang@optimalstormwater.com.au

David Roberts Sustainability Team Leader, Willoughby Council, Chatswood 2067 <u>david.roberts@willoughby.nsw.gov.au</u>

Andrew Giannasca Senior Project Manager, Willoughby Council, Chatswood 2067 andrew.giannesca@willoughby.nsw.gov.au

Bertrand Salmi Strategic Drainage and Water Management Planner, Dandenong City Council, Dandenong 3175 <u>bertrand.salmi@dandenong.vic.gov.au</u>

Trang Tran Design Coordinator - City Improvement, Dandenong City Council, Dandenong 3175 trang.tran@dandenong.vic.gov.au

Abstract

Two stormwater harvesting sites - Artarmon Reserve, Artarmon by Willoughby Council and Coomoora Road Reserve, Keysborough by Greater Dandenong Council. Both have significant baseflows and existing infrastructure to take advantage of these, yet both are affected by different approval processes and this aspect will have a very significant impact the outcomes, in the technical solution, the costs and the percentage reliability of supply.







Figure 9: Baseflow observed in 1650mm drainage line

