

07 June 2019

**RICHARD CROOKES CONSTRUCTIONS**  
**Level 3, 4 Broadcast Way**  
**Artarmon NSW 2064****ATTENTION: MR Isaac Pinkerton****RE: ALEX AVE PUBLIC SCHOOLS – Councils DCP Part J-Water Conservation**

Dear Isaac,

We confirm that our design for rain water storage tank capacity has been calculated in accordance with Councils requirements for DCP Part J- section 4.3 Water Conservation to provide 80% of the school non-potable water usage. The rain water harvest system reticulated to all WC's and urinal flushing, irrigation system and hose taps.

The non-potable demand calculation is based on Sydney Waters average daily water usage for each student (Copy Attached) and also from the school water audit for non-potable water used by each student (9 l/day using efficient fixture) (Copy Attached).

Tank size requirements:

9 l/day X 1200 student= 10,800 L/day

Estimated irrigation usage to be = 5,000 L/Day.

Estimated rain water storage tank for two weeks = 160,000 L .

Yours sincerely,  
**MEINHARDT (NSW) PTY LIMITED**Assad Shuhaiber  
Associateinc  
**Sydney Waters average daily water usage**  
**School water audit for non-potable water used**