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Yolanda Burt
Transport and Infrastructure Policy
Planning and Environment Department
Sunshine Coast Council

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**MONTHLY GROUNDWATER MONITORING – INFILTRATION BASIN
EARNSHAW STREET, GOLDEN BEACH**

Dear Yolanda,

Core Consultants Pty Ltd (Core) is pleased to present the results of the twenty fifth round of monthly groundwater level monitoring at the above site. Groundwater levels are continually monitored via a Level TROLL installed in the groundwater monitoring well within the infiltration basin.

The twenty fifth round of data download was undertaken on 3 May 2018 and the raw data was then processed to develop hydrographs depicting groundwater level fluctuations against tidal movements and rainfall events for the past month.

The hydrograph results for April 2018 indicate that groundwater levels within the infiltration basin have been fluctuating between just above surface level and just below ground level. It should be noted that at the time of download, water was observed slightly above surface level within the basin. Groundwater levels still appear to be predominantly influenced by localised rainfall events with some minor tidal influence also being observed. This event is the final event for the 12-month period.

The hydrographs, showing comparisons of groundwater level fluctuations against tidal ranges and rainfall, are attached.

Your attention is drawn to the document Limitations, which is attached to this letter. Should you require any further information, please contact the under signed on (07) 5475 5900.

Yours sincerely,

CORE CONSULTANTS PTY LTD



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Attachments: Hydrographs
Limitations