



Notations

Measurements are in metres.
Levels are to A.H.D. based on PM 71, published R.L. 16.054 metres.
Co-ordinate datum based on GPS Net solution, checked against Pucka PM 71.
Contour interval is 0.5 metres.
Surveyed 3D triangles are on layer 'TO_SURE_TRIANGLES_3D linework of relevant feature have the suffix "_3D" to the layer, all of which are frozen for clarity.
Features and levels shown on this plan are for general design works only - any other features shown are for information only. No liability is accepted for any demolition, excavation or construction on this site. The relevant authorities should be contacted to ascertain detailed locations of all existing services and the possible locations of future services.

Inflow rates

Class 'C' re-cycled water from Blackrock treatment plant (Barwon Water)
One week pumping results in an increase in water level of approximately 1.25m
Relating basin inflows are recorded @ 143.628m³ from 9/05/2019 to 11/08/2021
That is 27 months @ 5.3 megalitres a month, or, 1.18 megalitres per week.

Relevant surface areas

@ water level 12.0m - 27.673m²
@ water level 13.0m - 30.201m²
@ water level 14.0m - 32.279m²
@ water level 15.0m - 33.614m²

Under the water estimates

Earth in embankments came out of the hole : Approx. 80,000m³
About 0.5m cover placed over the bottom of the dam.
Natural surface level : Approx. 10.0m AHD
Estimate of bottom : 6.5 - 7.0m AHD
Volume @ water level 13m AHD : Approx. 140 megalitres
Volume @ water level 12m AHD : Approx. 115 megalitres

**1075 Horseshoe Bend Road,
Torquay, 3228
Farm Dam Existing Conditions Survey**

Municipality: Surf Coast Shire	Coordinate Datum: Scale A1	5	0	5	10	15
Drawing No. MGA94 CRD	Scale: 1:500	Lengths are in metres				
Map Ref: N/A	Sheet: 1 of 1	Version: 1				
Drawn By: PM						

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