



The British Dam Society

EVENING MEETING

Monday 19th November 2018 at 6:00pm

One Great George Street, London (Nearest tube: Westminster)

The Construction of Ulu Tutong Dam

Billy SHEEHY, Ian CARTER, Matt HILL, Stantec



For a brief presenter biography see overleaf | Admission free | Teas available from 5.30pm

This meeting will also be streamed live on the internet.

For more details on how to view this meeting online, including at one of our Regional Hubs in Glasgow, Warrington or Cardiff, please visit the meetings page on the BDS website: www.britishdams.org

For more information please contact the ICE on 020 7665 2147 or email: societyevents@ice.org.uk

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Synopsis

Ulu Tutong Dam is located in the remote jungle of Negara Brunei Darussalam. The dam forms a reservoir of some 80MCM of raw water which acts as a strategic reserve to regulate downstream river levels during times of low flow. The project includes the construction of a 24km access road, 440m long, 42m high embankment dam. The appurtenant works includes a 300m long diversion tunnel, 42m high draw-off tower, 40m wide fixed Ogee weir with a discharge capacity of 850m³/s. This presentation discusses construction of the dam, appurtenant works, full depth central Plastic Concrete Cut-off wall, and the management of a large relic slip beneath the dam foundation.



Billy Sheehy is a Principal Engineer in the UK Dams and Hydropower Team of Stantec. He is a Supervising Engineer and a member of the BDS Committee. Billy supervised the construction of the Ulu Tutong Dam acting as Project Manager, Resident Engineer and QS

Ian Carter is a Technical Director of Stantec and is head of the UK Dams and Hydropower Team. He is an All Reservoirs Panel Engineer and lead the design of the Ulu Tutong Dam.

Matt Hill is a Technical Director in the UK Dams and Hydropower Team of Stantec. He is an All Reservoirs Panel Engineer. Matt worked on the design and construction of the dam

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