



# Bandy Creek Weir Flood Event and Underwater Investigation

The Bandy Creek Weir was overtopped on 11 February 2017 and experienced substantial damage following a flood event.

The damage included:

- Erosion of the foundation
- Collapse of concrete structure
- Slumping of rock revetments.



Bandy Creek flooding



Turbulent flow downstream



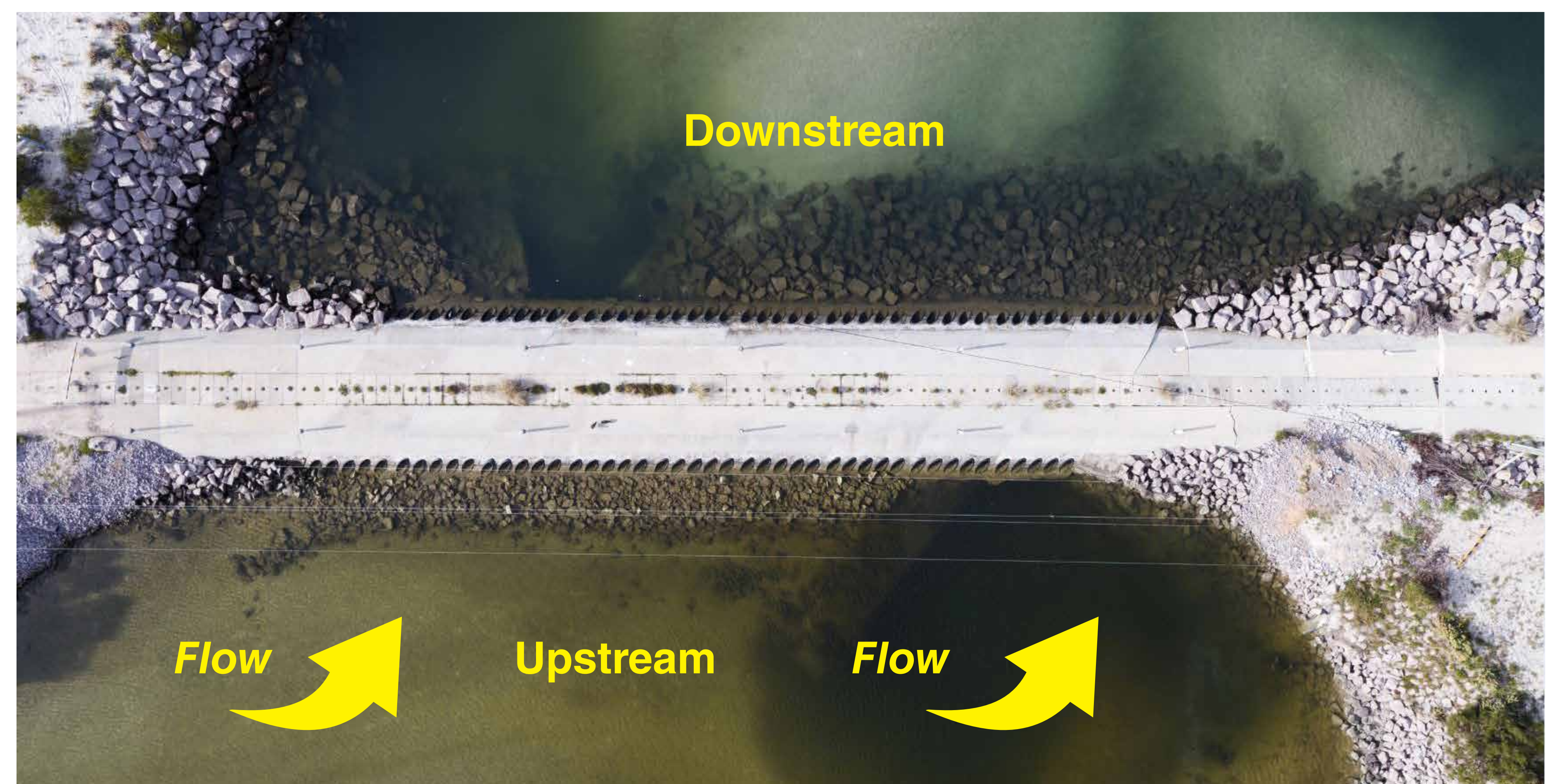
Bandy Creek Weir overtopping



Concrete weir damaged



This aerial photo shows the extent of the erosion adjacent to and under the structure.



Underwater investigation using an underwater remotely operated vessel (ROV) was carried out to assess the extent of the erosion.

The extent of erosion was large and engineers recommended removal and reconstruction of the structure.



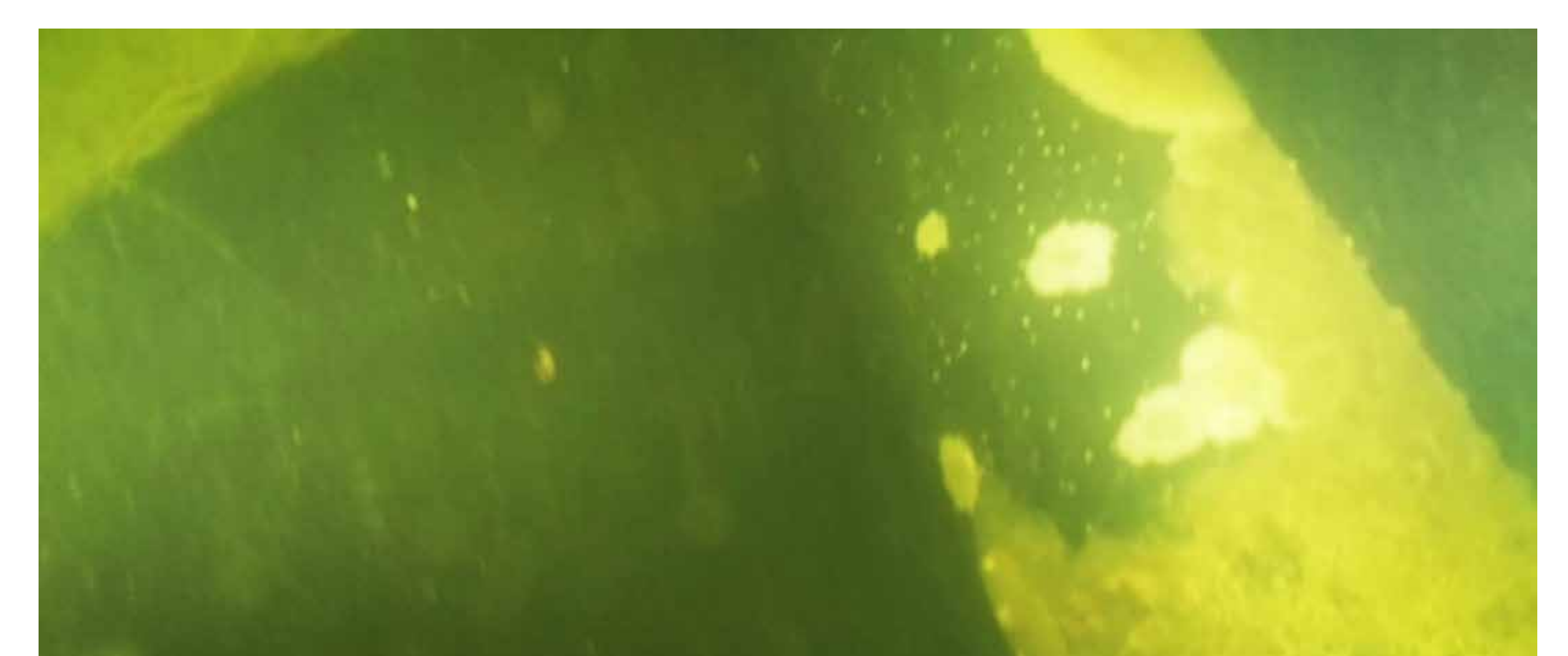
Local resident "Sammy" the seal checking out the underwater survey



Remote operated vessel (ROV)



Underwater footage



Underwater footage