

# Concrete Technology



*Inspection of concrete cracks in dam*

Ben C. Gerwick, Inc. has been one of the foremost innovators and pioneers in the application of advanced concrete technology for bridges, locks and dams, and offshore and waterfront structures. Through extensive research, design and construction practices, our

firm has played a key role in the development of prestressed concrete technology, lightweight concrete, underwater concrete, and concrete/steel composite structures for offshore applications.



*Inspection of damage in concrete diversion tunnel*



*Installation of pre-cast concrete panels for the repair of damaged coral reef*



*Placement of high quality underwater concrete*

Our expertise includes FE modeling, concrete crack and degradation modeling, concrete mix design, tremie concrete, grout technology, floating batch plants, precast concrete shells, concrete repair methods, thermal stress analysis, prestressed concrete, high strength concrete, lightweight concrete, and concrete for arctic conditions.