

A DREDGEFUL SITUATION

FLORIDA REEF TRACT

PORT EVERGLADES SHIPPING CHANNEL

PORT MIAMI SHIPPING CHANNEL

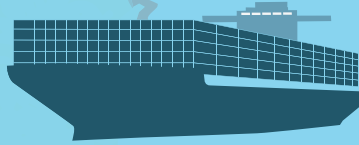


SOUTHERN FLORIDA

has the **ONLY BARRIER REEF IN THE CONTINENTAL US**, and is home to seven species of Endangered Species Act-listed corals.

As a result of the widening of the Panama Canal, ports along the Eastern seaboard are racing to accommodate the next-generation of super-sized container ships.

THE PORT OF MIAMI WAS THE FIRST ON THE LIST.



IN NOVEMBER 2013, The Army Corps of Engineers began dredging the shipping channel of PortMiami.

HERE'S WHAT THE CORPS PREDICTED

SEDIMENT WOULD ONLY SPREAD UP TO **150M** FROM THE DREDGE CHANNEL

ONLY **31** STAGHORN CORAL COLONIES ARE IN THE INDIRECT IMPACT AREA

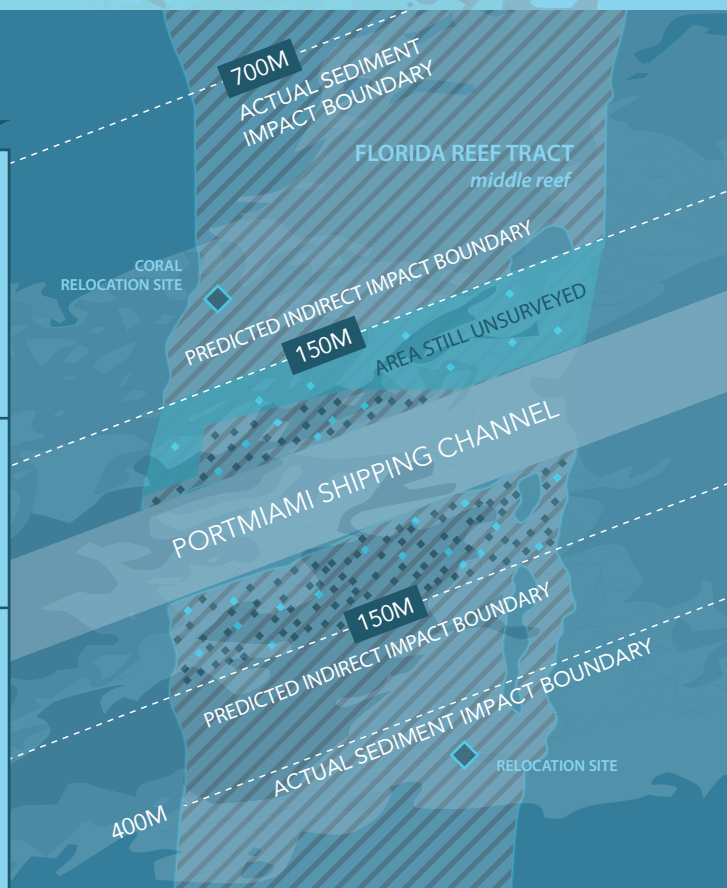
SEDIMENT IMPACTS TO CORALS AND THEIR HABITAT WOULD BE **TEMPORARY** AND **INSIGNIFICANT**

HERE'S WHAT HAPPENED

SEVERE SEDIMENT WAS FOUND **700M** BEYOND THE DREDGE CHANNEL

CORAL COUNTS WERE UNDERESTIMATED BY AS MUCH AS **10 TIMES**

95% OF THE SURVEYED REEF IS NO LONGER SUITABLE HABITAT FOR CORAL RECRUITMENT OUT TO 700M

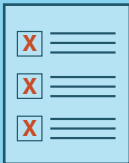


◆ 31 total Staghorn corals found in 2010 survey by Dial Cordy

◆ 253 total Staghorn corals found in just over half of the 150M area in 2013

...AND NOW THEY ARE **REPEATING THEIR MISTAKES** AT PORT EVERGLADES

THE ARMY CORPS IS ASKING
CONGRESS TO AUTHORIZE A
DREDGING PROJECT THAT...

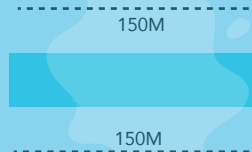


STILL RELIES ON **OUTDATED,
INACCURATE SURVEYS**
FROM 2010



PUTS AT LEAST **SIX
ESA-LISTED CORAL
SPECIES** AT RISK

UNDERESTIMATES THE
SEVERITY OF THE SEDIMENT
IMPACTS FOR THE CORAL



STILL ESTIMATES
THAT SEDIMENT WILL
SPREAD OUT ONLY 150M
FROM THE CHANNEL

Our corals are too precious to allow history to repeat itself

We need more than promises, we need mandatory reef protections that comply with the law before allowing the dredging in Ft. Lauderdale to proceed.

For more information, visit www.miamiwaterkeeper.org



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