



## HURRICANE DORIAN SITUATION REPORT

Hurricane Dorian hit Abaco region of the Bahamas as one of the strongest hurricanes in history. It packed sustained winds of 185mph and gusts to 220mph, causing a storm surge and flooding of 24 ft in some areas with a high loss of life compared to past hurricanes. In Marsh Harbour, Central Abaco, many were evacuated soon after the storm because services such as electricity and water were out and all stores were destroyed and/or non-functional. The same is true of other larger towns such as Treasure Cay, Hope Town, Green Turtle Cay, and Cooperstown, which all took a direct hit by the eye of Hurricane Dorian.

The utter devastation caused by Dorian has resulted in communities being almost entirely cut off from each other – and out of reach from aid. Airports, airstrips, and roads are covered with rubble and debris and the harbors are filled with sunken boats as well as debris blown into the sea from the wind or pulled in by the storm surges.

World Hope International has been on the ground since the beginning, arriving with the first wave of responders on September 2nd and is committed to helping the Bahamas recover and build back better.

This is what we've done so far along with our plan moving forward.



### CLEAN WATER

WHI sent two teams with portable solar-powered reverse osmosis units capable of purifying water from fresh or salt water. They have operated since Sept 5th, meeting a critical need for water. As people return to Abaco, the demand for drinking water is rising. We have operated at Marsh Harbour, Central Abaco; Green Turtle Cay; Treasure Cay; and Freeport, moving as needed. In Marsh Harbour, we set up our operation at Central Abaco Primary School at the suggestion of Bahamian Defense Force Commander on the ground, Commander Brown, where 206 sheltering people had no water except a little bottled water. We began purifying water from a large water storage tank on the site which was full of water, but not safe for either drinking or bathing. We brought immediate relief to the people as they now have water for drinking, bathing, washing clothes and flushing toilets.

### EMERGENCY SUPPLIES

We had the first people on the ground with our partners including YachtAid and Sol Relief on Sept 2. and have been running 3-5 emergency supply flights through Sol Relief in St. Petersburg, FL daily since Sept 4. These supplies have been delivered to Freeport, Treasure Cay and Marsh Harbour. We have also shipped emergency supplies through YachtAid Global into and around the Bahamas. A new shipment will make port of calls for 7 islands.

### ON-GROUND SUPPORT

Our coalition's advance team cleared airfields and harbors to support the opening of the traffic into the Abacos. We also set up 4 water points and are now establishing fuel depots, as well. Our volunteers are on stand-by, self-sufficient, and prepared to continue providing water as needed.

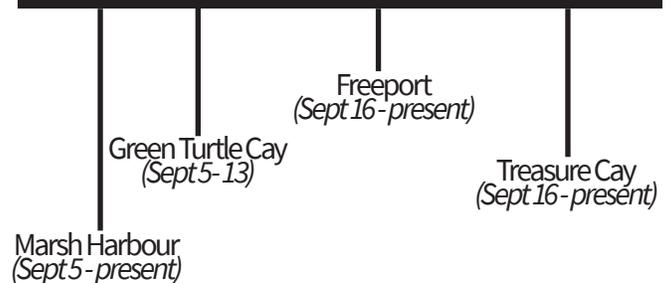
**MADE**  
**4,800 GAL**  
**OF CLEAN DRINKING**  
**WATER**

**SHIPPED**  
**\$250,000**  
**WORTH OF NECESSARY**  
**EMERGENCY SUPPLIES**

**PRODUCED**  
**80,000 GAL**  
**OF CLEAN WATER**  
**FOR SANITATION**

**PLACED**  
**12 WHI**  
**VOLUNTEERS FROM**  
**USA & CANADA**

### TIMELINE OF WATER STATION LOCATIONS



**SENT**  
**300 PALLETS**  
**OF RECONSTRUCTION**  
**SUPPLIES &**  
**GENERATORS TO**  
**7 ISLANDS**

**PROVIDED CLEAN**  
**WATER TO**  
**206+**  
**PEOPLE**  
**AT 1 SHELTER ALONE**

## WHY DESALINATION

Reverse osmosis removes all forms of viruses and bacteria from water producing the purest water possible. Our units can be operated anywhere there is a water source, whether fresh or sea water, thus producing safe drinking water. We fill collapsible 2.5 and 5 gallon bags to give water to people.

Municipal systems are down and likely to remain down for quite some time. It is more economical and environmentally friendly to purify water locally than to ship in bottled water and some small island have no fresh water source and rely on desalination for all other purposes besides consumption. Even at Marsh Harbour, there are fresh water wells, but it is feared that the ground water is contaminated by the corpses still lying underneath the rubble.

## PROJECT FUNDING

We are looking to secure \$450,000 in funding for our ongoing emergency relief efforts in the Bahamas. These funds will be used to purchase two more portable reverse osmosis system, vital water bags, and transport support for the trained volunteers rotating in to operate systems.

Funding will additionally cover materials to first get necessary infrastructure and operations back in place, repair boats, provide fuel for emergency relief vehicles, and help the Bahamians build back better and create a stronger, more resilient path forward.



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## EMERGENCY SUPPLIES PROCURED AND SHIPPED

### Recovery & Rebuilding Supplies, including:

- 2,000 jerry cans
- 1,000 Body bags
- 400 19/32 cat rated sheathing
- 205 Royal sovereign silver linings
- 170 30x50 ft tarps
- 120 Box fans
- 53 20/32 cat rated sheathing
- 41 4x8 ft hardie panels
- 40 Gloves
- 40 5 gal white roof coatings
- 34 Generators
- 13 Gasoline cans
- 9 Chainsaws
- 418-inch chains

**PLUS** pliers, screwdrivers, screws, levels, rollers, cords, and much more

### Marine Supplies, including:

A high diversity of bird species is found in the forest surrounding the village, including several ground-dwelling birds:

- 540 spark plugs
- 540 various filters
- 360 drain seals
- 250 ft of fuel hose
- 180 impellers
- 60 battery cable sets
- 50 cases of mercury 25w-40, 1 gallon
- 20 gallons gear oil, 5 gallon

**AND** more

### Petroleum Supplies, including:

- 20 55 gallon barrels of diesel
- 15 330 gallon totes of gas