

## **Background**

In the aftermath of hurricane Dorian, the Abacos are faced with a massive amount of storm and demolition debris. Great Guana Cay, located in the Abacos is no different. Currently they have mountains of debris which is causing health and fire risks. Efficient and effective removal of this is key to the overall recovery of the island.

## **Needed Equipment**

The needed equipment is manufactured by Air Burners which is the number one manufacturer of Air Curtain Burner Systems in the world. They hold the patents on air curtain burners and have been in business for decades. The machines have been tested by the best environmental agencies including the US EPA, US Department of Homeland Security, US Forest Service and the UK and Australian governments. These systems are used worldwide to support land clearing operations, demolition debris removal, disaster recovery for clearing the aftermath from storm and/or flood damage and landfill operations to help reduce wood waste and similar waste streams. They will reduce the waste to approximately **two percent** of its original weight, **leaving a clean carbon ash that can be turned into the local soil.**



**General:** A self-contained, completely assembled above ground Air Curtain Burner (air curtain incinerator or FireBox) with a refractory lined burn-container for portable and permanent (stationary) applications. Designed for the high temperature burning of forest slash, agricultural green waste, land clearing debris, storm debris, and other waste streams in compliance with the requirements of US EPA 40CFR60.

Shipped from the factory completely assembled ready for immediate use and does not require disassembly for relocation. The FireBox is also used for disaster recovery and Department of Homeland Security contingencies. Electrically powered version available for permanent (stationary) installations.

In addition to the air curtain burner, we will need one Caterpillar 259/289 skid steer with grapple and two bumper pull tandem axle dump trailers.

## **Specific Application for Great Guana Cay**

For the near term, this equipment will be used by the residents to safely consolidate and burn storm debris as well as construction and demolition materials from destroyed vertical structures/homes. Longer term, the equipment will be used to augment the islands waste management process and procedures providing a “green” solution in both cases.

## **How Can You Help?**

**We are raising \$200,000 to secure the air curtain burner and supporting machinery. How are we going to do that?**

- \$70,000 of existing pledges received over the past 2 weeks are currently being funded to the Great Guana Cay Foundation (“GGCF”) a Florida Not For Profit Corporation formed by the residents of Great Guana Cay
- \$100,000 matching donation from One Bahamas Fund/Starfish Foundation (approval pending)
- **\$30,000 from people like you who want to help**

## **How Can I Donate?**

**Make checks to St. Peter the Fisherman, put Abaco Hope Project in the memo and mail directly to Fr. Jim Spencer at 4220 Saxon Drive, New Smyrna Beach, FL 32168**