

Sandbags vs FloodSax®: A Side by Side Comparison

# REQUIRED EQUIPMENT

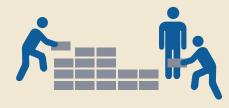
### **Costly Heavy Equipment**



#### **Less Resources**



FloodSax® are lightweight and quick to deploy



# **LABOR INVOLVED**

### **Hundreds of Volunteers Required**

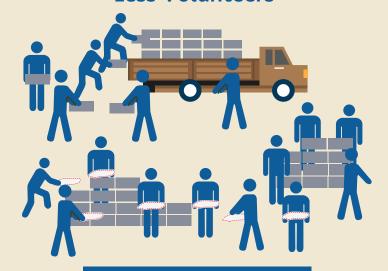
Shoveling and Carrying Sand and Filling and Tying Bags



MANY HOURS OF WORK INVOLVED

Costly Setup and Cleaning

#### **Less Volunteers**



EASIER AND FASTER DEPLOYMENT

Protect more Area Reduce setup and cleaning

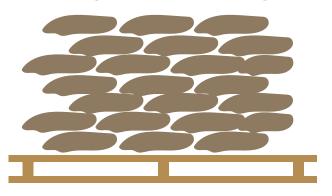
# WEIGHING THE NUMBERS

Equivalence of 20,000 lbs. of Sandbags

### **Old School Sandbags**



20,000 lbs. of sandbags = 2,000 pallets of sandbags

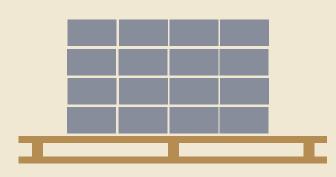


100 sandbags/pallet

### FloodSax® Sandless Sandbags



20,000 lbs. of sandbags = 14 pallets of Floodsax®



2,800 FloodSax®/pallet

# STORAGE SPACE INVOLVED

## **Enormous Warehouse Required**

Costly Equipment & Labor Involved



## **Less Space Required**

Deployed from Multiple Locations More Geographic Area Covered



# MATERIAL & PERFORMANCE

### **Old School Sandbags**

Inferior Bag Materials that degrade overtime. Includes: burlap, cotton, fiber, rice paper w/ cotton

Odd Shaped (Vary in Weight & Size)

Difficult to Stack

Seepage Occurs
Water Passes Through

### FloodSax® Sandless Sandbags

Superior Engineered Bags
White color for early
Contamination detection
Durable and Long Lasting

Uniform in Size and Dimensions for Large Cubic Area Protection

9 Sections of Absorbent Crystals for Superior Stack-ability

Powerful Flood and Liquid Barrier Protection

### **Equivalence of 20,000 lbs of Sandbags**

2,000 pallets of sandbags **5,000 lbs. per pallet** 

1 sandbag = **30 to 50 lbs**.

14 pallets of FloodSax® **1,440 lbs. per pallet** 

1 FloodSax<sup>®</sup> bag = **1 lb. dry or 45 lbs. wet** 

# LIFE CYCLE & ENVIRONMENTAL FACTORS:

Sandbags Fall Apart and Rot

**Moist Sand can Carry Diseases** 

Cleanup is Costly (\$100,000-\$1M+)

No Re-purposing

Up to a 10-year Shelf Life

**Early Contamination Detection** 

Nominal Cleanup / Removal Costs Eco-Friendly and Biodegradable



Reusable: Deployed Units Work Well for Erosion Control and Hydro Applications

www.FloodSax.com