

# SEDIMENT TO SOLUTIONS: CHANNELING INNOVATION

THE PORT OF BALTIMORE IS A KEY  
**ECONOMIC DRIVER**  
for the State of Maryland

 **\$3 Billion** in annual wages & salaries  
 **30+ Million tons** of cargo  
 **100K+** jobs

**DREDGED MATERIAL**  
is sediment removed from the shipping channels

**DREDGING MAINTAINS SAFE  
PASSAGE FOR VESSELS**  
making their way through shipping  
channels and keeps the Port  
**OPEN FOR BUSINESS**

**SEDIMENT** (MOSTLY FINE SILTS,  
CLAY, AND SOME SAND)  
**ACCUMULATES AND DEPOSITS IN THE SHIPPING CHANNELS**

Dredged material is a **REPLENISHABLE RESOURCE**  
that can be **REPURPOSED**

in a variety of ways to benefit the  
economy and environment



**SITE  
RECLAMATION**



**CONSTRUCTION  
MATERIALS**



**MANUFACTURED  
TOPSOIL**



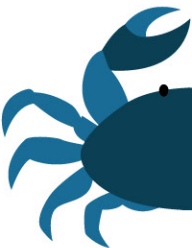
**ENVIRONMENTAL  
RESTORATION**



**SEDIMENT IS  
TESTED & ANALYZED TO**  
ensure it meets environmental and  
human health requirements

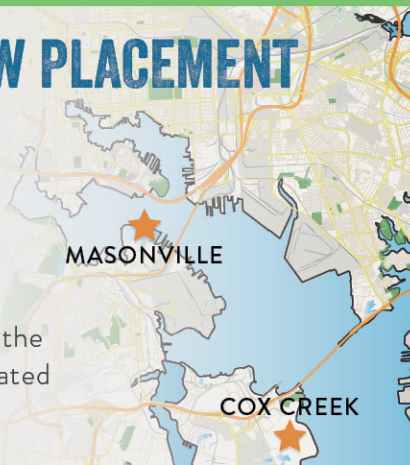


UP TO 5 MILLION CU. YARDS REMOVED PER YEAR  
**1.5 MILLION FROM THE**  
**BALTIMORE HARBOR CHANNELS**



**FINDING NEW PLACEMENT  
CAPACITY  
IS A CHALLENGE  
IN THE BALTIMORE  
REGION**

Property adjacent to the  
Port is densely populated  
and developed



**CURRENT  
PLACEMENT  
OPTIONS:**  
CONTAINMENT FACILITIES  
& ENVIRONMENTAL SITES  
Cox Creek  
Masonville  
Poplar Island

THE MARYLAND DEPARTMENT OF TRANSPORTATION  
**PORT ADMINISTRATION IS  
EXPLORING  
NEW  
SOLUTIONS**  
**INNOVATIVE  
AND  
BENEFICIAL USE**





# SEDIMENT TO SOLUTIONS CHANNELING INNOVATION





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SEDIMENT TO SOLUTIONS:  
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- Edit Master text styles
  - Second level
    - Third level
      - Fourth level
        - Fifth level





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