The Port of Baltimore:
How Do We Dredge?

1

"DREDGING"

a clamshell bucket removes dredged material from the bottom of shipping channels

2

"SCOW"

dredged material is placed in a special, flat-bottomed boat, called a "scow," so it can be transported

3

"SLURRY"

dredged material is mixed with water from the Chesapeake Bay, creating a "slurry"

4

"INFLOW"

the slurry can be easily pumped or sprayed into a special placement site for dredged sediment

5

"DEWATERING"

after settling, the water from the slurry is pumped off or drained off the top of the dredged material

6

REPEAT!

maintenance dredging occurs frequently to make sure that channels remain deep enough for large ships to pass