

bottom.

dredging

Level-Cut

Creates a flat surface

pothole effect, which

can create a pool of

contamination.

to

opposed

over

were

Previously,

required. These steps are

the

then often filled in

capping material.

"steps"

ENVIRONMENTAL CLAMSHELL

Oversized, Over-Square Footprint

Width greater than opened length minimizes outward windrowing flow of material during bucket closure. Footprint determines size of cut. A larger footprint size is designed for shallow face dredging.

(up to 100 m²)

Overlapping Sideplates

Minimize outward flow (windrowing) of material during bucket closure, and seals in material during bucket ascension.

Depth of cut & adjustable top screen plate changes volume to reduce free water content

816 ft² (75m²)

footprint



Eliminates the processing of hard, uncontaminated sediment.

> 1.8' (.5m) of cut environmental excavation³

> 2.3' (.7m) of cut maintenance removal*

3.3' (1m) of cut high depth removal*

*dredging operation examples

Venting System with open center decreases downward pressure during bucket descension, and seals in material during bucket ascension.

Center of Mass of material is located below the center of the bucket's containment area, minimizing material washout during bucket closing and ascension.

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150° Edge Cutting the bucket to allows "scoop" material, which the material's lowers center of mass within the containment area.

Adjustable side screen plate determines depth of cut. 0