

TYPICAL DREDGING OPERATIONS & TURBIDITY CURTAINS



Image by Semantic Scholar. Typical dredging operation is comprised of an excavator mounted on a barge that removes dredged material within a turbidity curtain perimeter and transfers it to a nearby scow barge for transport. The scow barge is towed to a disposal site by a tug or support vessel.

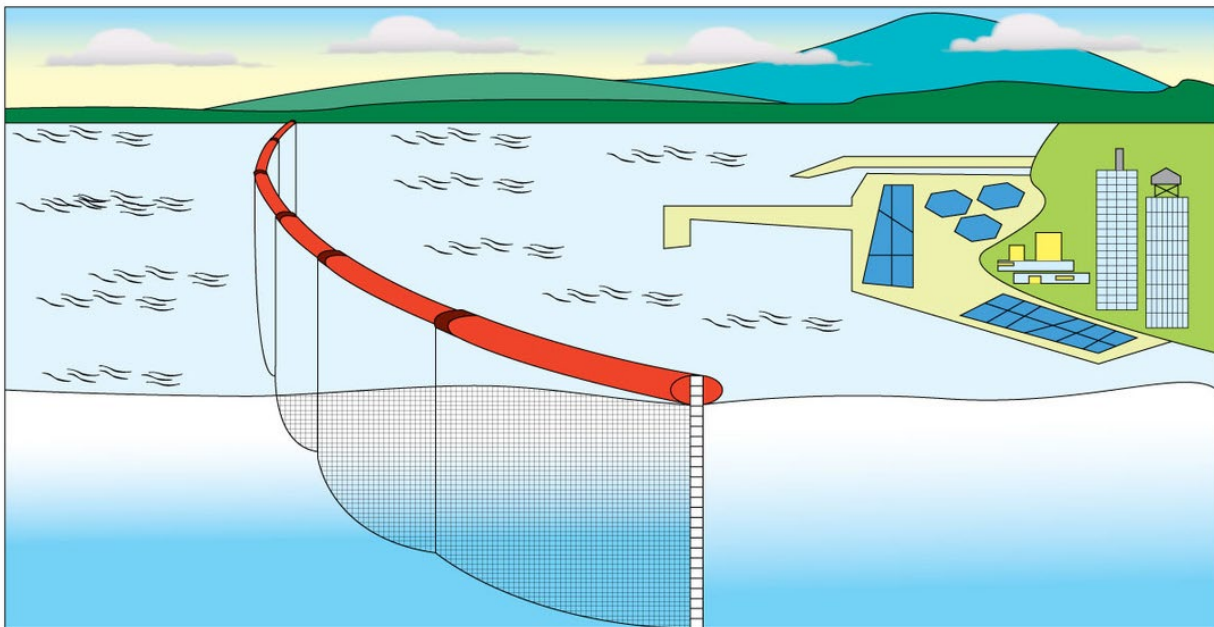


Image by Skimoil. A turbidity curtain is a protective barrier created within the dredging area to contain any sediment (sand and mud) that may be suspended in the water during dredging operations. This barrier is made of an orange floating boom that sits atop the water surface and a suspended curtain that hangs down into the water.

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Image by One Clarion. Example of a turbidity curtain containing suspended sediment, as shown by the darker shade of the water inside the curtain as compared to outside the curtain.



Image by USACE. The orange turbidity curtain being lifted out of the water.

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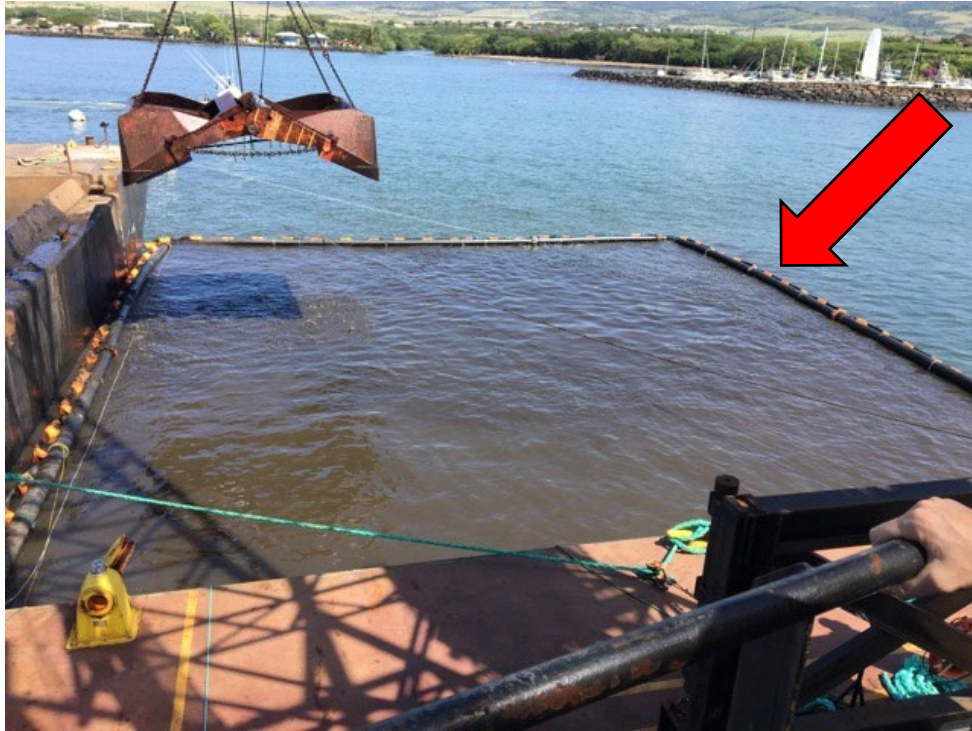


Image by USACE. A dredge bucket is being lowered into work area that is surrounded by a turbidity curtain. A turbidity curtain contains any sediment (mud and sand) that may be suspended in the water, as shown by the darker shade of the water inside the curtain as compared to outside the curtain.



Image by USACE. Sediment is being removed by clamshell dredge bucket. A turbidity curtain contains any sediment (mud and sand) that may be suspended in the water, as shown by the darker shade of the water inside the curtain as compared to outside the curtain.