



Virginia Oyster Shell Recycling Program

**VA CZM Coastal Policy Team Mtg
March. 25, 2014**

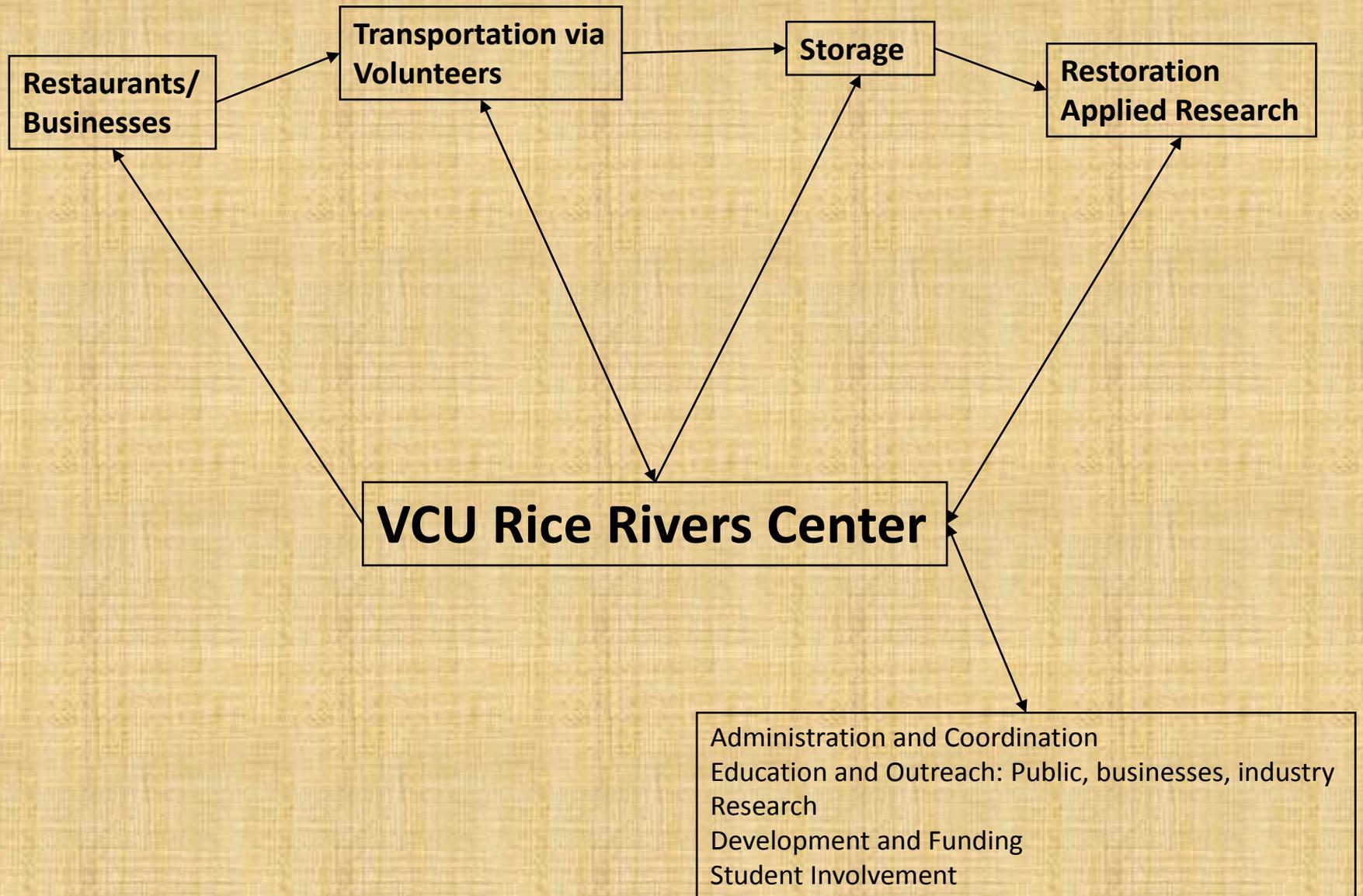
**Todd Janeski, Program Manager
VCU Rice Rivers Center**

Question:

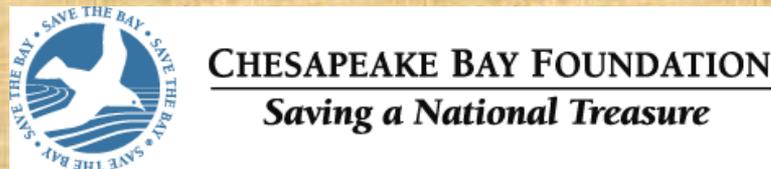
Can Richmond restaurant-generated shell be prevented from becoming landfill waste?

...with no budget

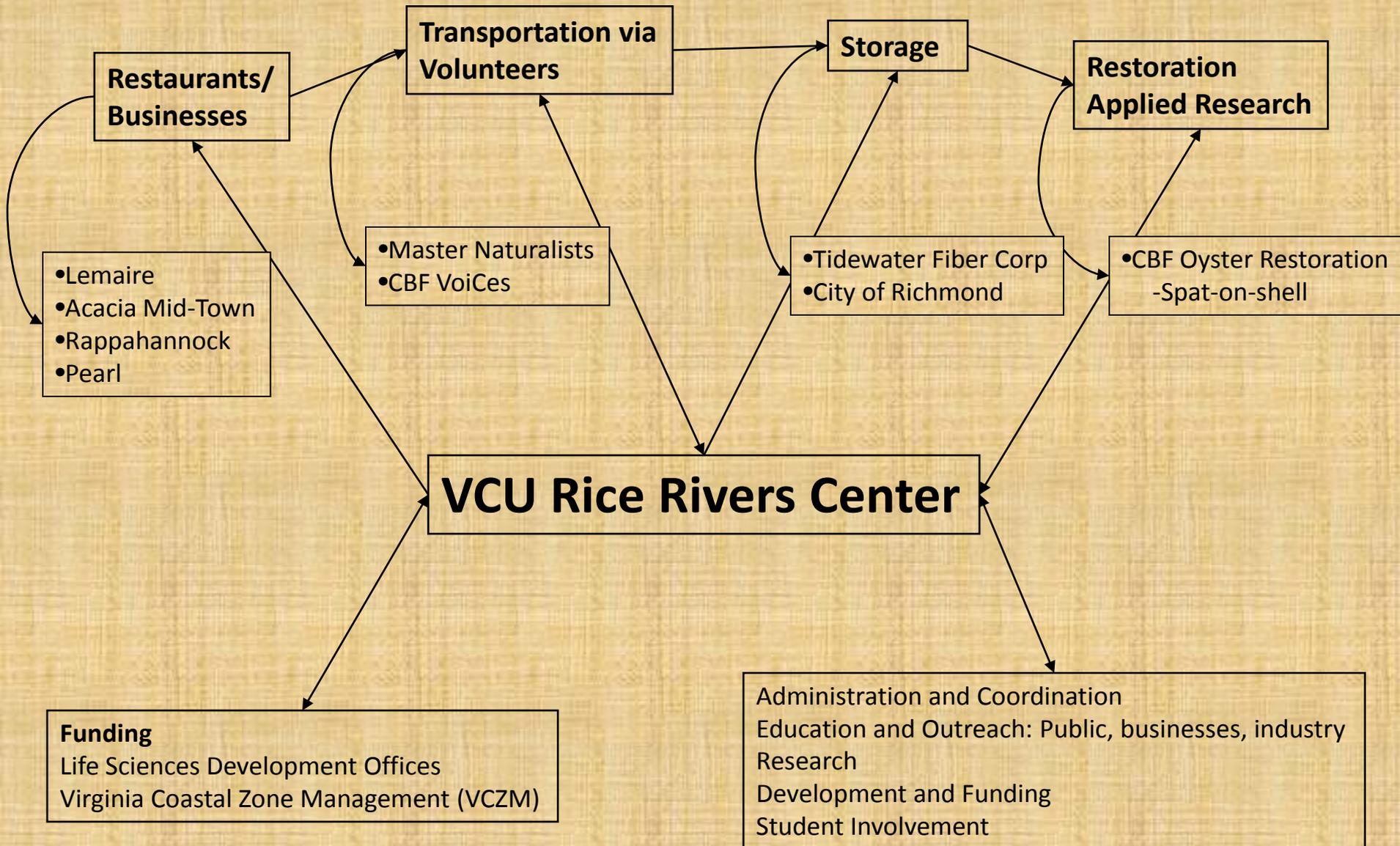
Virginia Oyster Shell Recycling Pilot



Piloting Restaurant Generated Shell Collection



Virginia Oyster Shell Recycling Pilot



NO
TRESPASSING
PEOPLE PROHIBITED

800-3877
RECYCLE



What's Going Into this Dumpster? Richmond Oyster Shell Recycling Project

Oyster shell recycling provides the foundation of shell recycling. Oyster shells are recycled into a variety of products including road aggregate, landscaping mulch and the backbone of shell-based products. Shell recycling provides a sustainable, green and healthy alternative to landfills.



The wild oysters center is an 11% of the historic population, due to over fishing, disease and water pollution. The effort is helping to restore oyster shells to their state. The oyster industry provides jobs and a healthy, sustainable food source.

The oyster shells come from the Transportation Network, Road Runners and other sources. Please encourage motorists to use shell recycling programs to help support the oyster industry.

OYSTER SHELLS ONLY
DO NOT DUMP TRASH **DO NOT REMOVE SHELLS**



Why Save Oyster Shell?

There is a critical shortage of oyster shells for food restoration in the Chesapeake Bay. When oysters are harvested, some of the shells are broken and unusable. Each year, millions of these shells are discarded. Recycling oyster shells helps restore the bay's oyster population and provides a sustainable food source. For more information, visit www.chesapeakebay.org.

No Truck, Just Oyster Photo

CHESAPEAKE BAY FOUNDATION
Saving a Shared Future



804-706-5877
RECYCLE



What's Going Into this Dumpster? Richmond Oyster Shell Recycling Project



Oyster shell recycling promotes the restoration of wild, native oysters in Virginia's coastal waters. Oysters help improve water quality by filtering out algae and fine sediments, form reefs as they grow on top of each other, provide fisheries habitat and support the local economy.



The wild Virginia oyster is at 1% of its historic population, due to over fishing, disease and water pollution. This effort is helping to return oyster shells to reef sites so that more oysters can grow. The oyster industry provides jobs and a healthy, renewable food source.



This dumpster holds oyster shells from Rappahannock Restaurant, Pearl Raw Bar and Lemaire, restaurants that participate in oyster shell recycling. Please encourage restaurants you visit that serve local oysters to participate in shell recycling. Thanks to the organizations below for their support.

OYSTER SHELLS ONLY

DO NOT DUMP TRASH

DO NOT REMOVE SHELLS

For more information about this project, contact Todd Janeski, 804-828-2858, tjaneski@vcu.edu

Participating Richmond restaurants:



Sponsoring organizations:



Photo of oyster shells courtesy of TFC Recycling. The oyster shells were given to TFC Recycling. The oyster shells were given to TFC Recycling. The oyster shells were given to TFC Recycling.





What's Going Into this Dumpster?
Richmond Oyster Shell Recycling Project



...oyster shells are a valuable resource. They can be recycled and used in a variety of ways, including as a soil amendment, a component in concrete, and as a filter for water. Recycling oyster shells helps reduce the amount of waste sent to landfills and supports the local economy.

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340-0900
COWMA

Oyster Recycling

Waste Recycling

A. G. '11' SPEARS





OYSTER SHELLS ONLY
TRASH
SHELLS

NO TRESPASSING

141

Piloting the Collection of Shell at Four Months

- Nearly 12,000lbs was generated**
- Estimated annual generation:
36,000lbs (550 bushels)**
- Scale-up factor:
approx 100,000lbs annually
(1,500 bushels)**













RAPPANNOCK RIVER
OYSTERS

VIRGINIA TECH
VT

HAUL

NEW BRU

DO YOU KNOW
The best place to oysters you can reach with a tap is at the
of the Rappahannock River. It's the only place in the world
where you can enjoy the taste of the Rappahannock River.
SAVE MORE ABOUT TOLL PARKING AT
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VCU Rice Rivers Center
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 The Inger and Walter Rice Center for Environmental Life Sciences is devoted to a broad array of environmental research, teaching and public service.

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 **VCU Rice Rivers Center** shared a link.
 4 hours ago

Brief video here of researchers in action . . . what it takes to keep count of these amazing birds:



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 First of all, my apologies for not visiting your Facebook page...
 March 18 at 11:17am

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 **Science Pub RVA**
 @ Cheers & thanks to Anne Wright for a fun and rewarding ...



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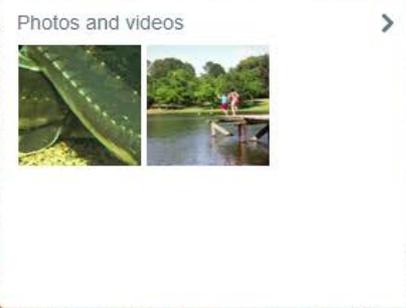
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VCU RiceRiversCenter
@VCURiceRivers

The Inger and Walter Rice Center for Environmental Life Sciences is VCU's field station devoted to environmental research, teaching and public service.
Richmond, Virginia · vcu.edu/rice/

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Tweets

VCU RiceRiversCenter @VCURiceRivers · Mar 22
Ask your favorite RVA restaurant if they recycle their oyster shells! If not, tell them about the VOSRP. #oysters #VOSRP #RVADine
Expand Reply Retweet Favorite More

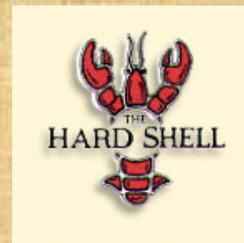
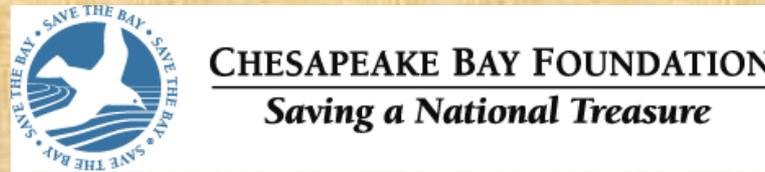
VCU RiceRiversCenter @VCURiceRivers · Mar 22
Ruby Salts Oyster Co will take your oyster shells at the St Stephens Fmrs Mkt as part of the VOSRP. Awesome! #oysters, #VOSRP, #chesbay
Expand Reply Retweet Favorite More

VCU RiceRiversCenter @VCURiceRivers · Mar 21
You're oyster-ific Ruby Salts Oyster Co for being a great new partner in the VOSRP! #oysters, #VOSRP, #RVADine, #chesbay
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VCU RiceRiversCenter @VCURiceRivers · Mar 20
Aw, shucks! We welcome Yellow Umbrella, the FIRST public receiving site for oyster shells in the VOSRP! #oysters, #RVADine, #VOSRP, #Chesbay
Expand Reply Retweet Favorite More

VCU RiceRiversCenter @VCURiceRivers · Mar 6
RT @Nature_DCMDVA: Learn more about @VCURiceRivers oyster shell recycling program. Don't chuck that shuck! vcu.edu/rice/blog/2014... #VOSRP...
Expand Reply Retweet Favorite More

VOSRP Partners



Become Involved!

- Become a weekly or bi-weekly volunteer transporting shells**
- Volunteer with VOSRP at Oyster Festivals**
- Visit your local restaurant and ask if they recycle their shells**
- Help with event planning or fundraising**



Thank you!

Todd Janeski

tvjaneski@vcu.edu

804.828.2858

<https://twitter.com/VCURiceRivers>

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www.vcu.edu/rice/blog/2014/01/oyster.html