



#### **Remote Setting Program**





### Background



- Federal Crab Disaster Grant supporting establishment of 30 Remote Setting Tanks (15 locations) over three years (2011, 2012, 2013)
  - 5 (2 tank sites) established in 2011
- Grants to primarily provide equipment setup, larvae and technical support





- A Remote Setting System includes:
  - Two (2) 8' round setting tanks
  - Each holds 300 ½ bushels bags of shell
  - Necessary pump, blower, platform and pipes
  - Larvae
  - Electricity to operate



- What was NOT included:
  - Aged, cleaned shell
  - Labor to load, unload shell, clean tanks, etc.



### **RSS Locations**



- Based on producer/leaseholder survey, five locations were established in 2011
  - Choptank River (UMCES HPL Cambridge)
  - St. George's Creek/Potomac (DNR Piney Point Facility)
  - Patuxent River (Pax River Naval Station Solomons)
  - West/Rhode River (CBF Discovery Village Shady Side)
  - Tangier Sound (DNR Deal Island)
- Future locations based on demand by producers

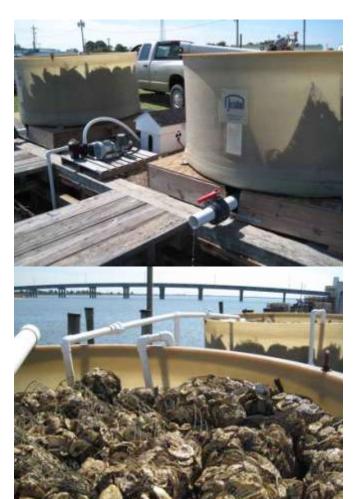


#### **Remote Setting Site**





The Deal Island RS Site at the DNR facility





# **Operating Guidelines**



- First come, first serve
  - Need an approved lease before you can use
- 2011 available dates
  - June 6, June 20, July 4, July 20, August 1 and August 15
- Each producer offered two weeks
- If another period is open, a producer can signup and do another set



# **Operating Guidelines**



- ORP handled scheduling each producer; coordinated shell purchase
  - Each producer received an information package and signed a liability waiver
- Producer/Leaseholder responsible for acquiring their shell. Options included:
  - Swap green, non-cleaned shell for cleaned, aged shell \$0
  - Purchase cleaned, aged shell \$1.50/bushel (loose)
  - Purchase cleaned, aged and bagged shell \$1.50 per bag (1/2 bushel)
- Once spat on shell has been removed, operator clean the tank/cleaned up area for the next grower
  - No issues experienced with any grower



# **Setting Operations**



- UMCES provided:
  - Larvae for growers to set first two tanks
  - Two hatchery personnel provided onsite support
  - Each user got an operations checklist/instruction manual
- Factors impacting participation
  - Salinity delayed sets in upper Bay sites; leased bottom areas were too fresh for SOS
  - Leaseholders not having their lease in time
  - Hurricane secured Deale Island, Piney, Pax River sites for potential flooding, winds



# 2011 Program Summary



- Operating Locations: 5
- Total Participants: 16
- Sets completed: 20
- Total larvae used: 218M
- Estimated SOS produced and planted: 32M SOS
- Bagged Shell Used: 9,950 Bags (4,975 bushels)
- Loose Shell Used: 1,270 bushels
- Crushed Shell Used: 1,800 bushels

All watermen purchased shell from the State







#### **Remote Setting Schedule**

	6-Jun	20-Jun	4-Jul	20-Jul	1-Aug	15-Aug
DNR, Piney Point		Mike McWilliams)	Scott Russell	Joan/Ron Welch	Brian Russell	
Pax River Naval Station, Solomons				Mike McWilliams		Mike Bowles
CBF Discovery Village, Shady Side				Rob Witt	Terry Witt	John VanAlstine
UMCES Horn Point, Cambridge	Eddie Walters	Paul Basel	Paul Basel	Eric Wisner	Eric Wisner	Larry Simns
DNR, Deal Island			Eric Wisner	Ernie Nichols	Mike Lindemon	Mike Lindemon



## 2012 Planning



- UMCES, UMD Extension and ORP reviewing 2011 operations and planning for 2012
- Identify new setting locations and/or add additional tanks to existing sites
- Explore lengthening number of sets allocated per RST location and/or pre-staging shell at RST locations



#### **Contact Information**



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