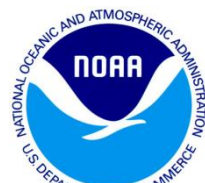# Oyster Indicator

Sustainable Fisheries Goal Implementation Team
Tuesday, July 12, 2016

Bruce Vogt
Luke M. Argleben

Outcome

Oyster outcome—continually increase finfish and shellfish habitat and water quality benefits from restored oyster populations. Restore native oyster habitat and populations in 10 tributaries by 2025 and ensure their protection.

Management Strategy

1. *Selection*

2. *Data collection*

3. *Acreage target*

4. *Develop plan*

5. *Implement*

6. *Track progress*

7. *Manage adaptively*

8. *Work collaboratively to secure resources*

9. *Considering future protection*

Tributary Process

Tributary Selection

Restoration Plan

Reef Construction and Seeding

Monitoring and Evaluation

Performance Metric

Process: *Status of Tributary Selection and Planning*

Output: *Implementation Progress (target acreage)*

Why Acres?

Rationale

Consistent

Measurable

Timeline

Dashboard

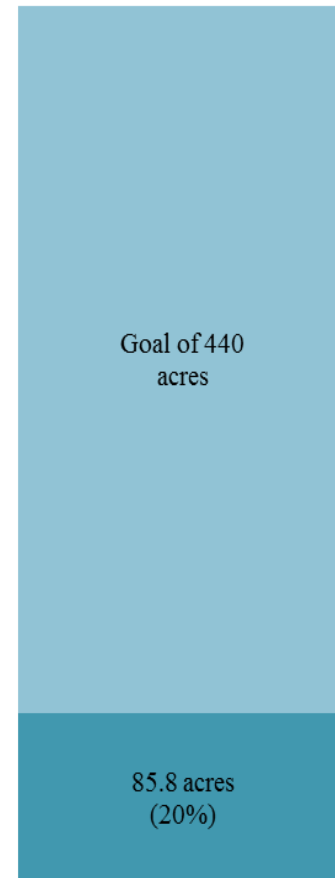| Tributaries		Tributary Restoration Plan	Reef Construction and Seeding	Monitoring and Evaluation	Completed Acreage/Target Acreage
1. Harris Creek	🟢	✓	✓	✓	350/350
2. Tred Avon	🟡	✓	✓		2.6/147
3. Little Choptank	🟡	✓	✓		85.8/440
4. Piankatank	🟡	✓			0/500-1000
5. Lynnhaven	🔴				
6. Lafayette	🟡	✓	✓		70/80
7. Not Selected	🔴				
8. Not Selected	🔴				
9. Not Selected	🔴				
10. Not Selected	🔴				

Acres Graph

Harris Creek In-Water Restoration Completed By Year
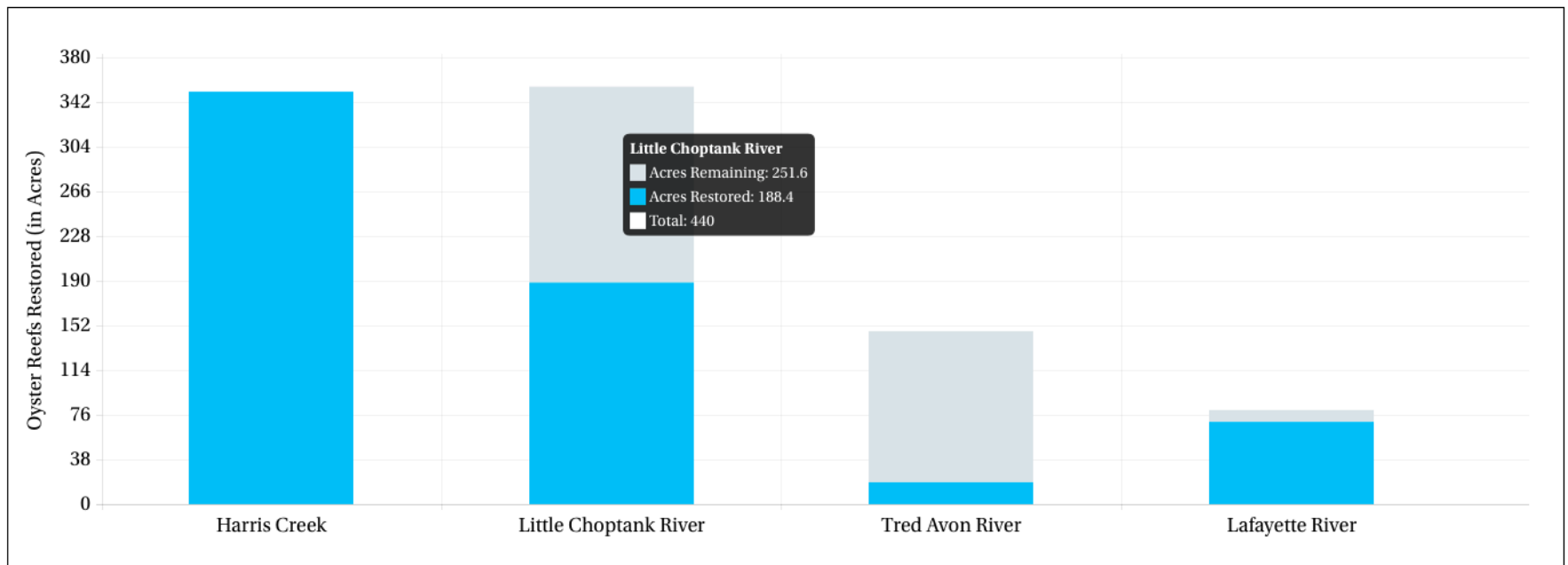
*Goal of 350 Acres (100%) Achieved September 2015

92 acres (26.3%) — 2015*

65 acres (18.6%) — 2014

67.6 acres (19.3%) — 2013

122 acres (34.9%) — 2012
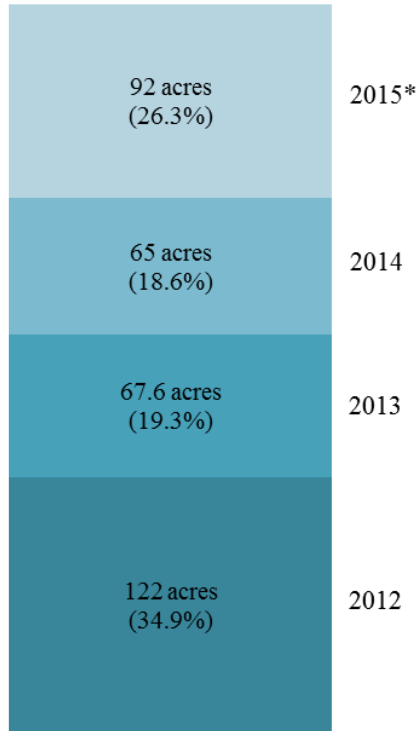
Restoration Progress in Little Choptank

Goal of 440 acres

85.8 acres (20%)

ChesapeakeProgress.com

Oyster Reef Restoration (2015)

Next Steps

1. STAR (Status and Trends)

2. Fisheries GIT Workgroups (VA & MD)

3. Full Fisheries GIT

Questions?

Are the graphs and figures clear/easy to read?
(i.e. "stop-light" concept, checkmarks, trib graphs)

Is it clear why acreage was elected as the metric?