



COASTAL ACTION  
CONSERVATION AT WORK

# ATLANTIC CANADA MICROPLASTICS RESEARCH PROJECT 2017-2020



## PROJECT PURPOSE

- 1) Quantify & categorize microplastics in surface water & sediment in 3 near-shore communities
- 2) Use data to better inform plastic pollution solutions & prevention initiatives



## HIGHLIGHTS

### DATA COLLECTION (2018)

#### SURFACE WATER

19 Sites  
114 Samples collected

#### SEDIMENT

14 Sites  
168 Samples collected

Hirtles Beach Site



LADI Trawl  
Surface Sampling



## STUDY AREAS

Clean Annapolis  
River Project



### HOTSPOTS (2019)



Sediment  
Sampling

#### SURFACE WATER

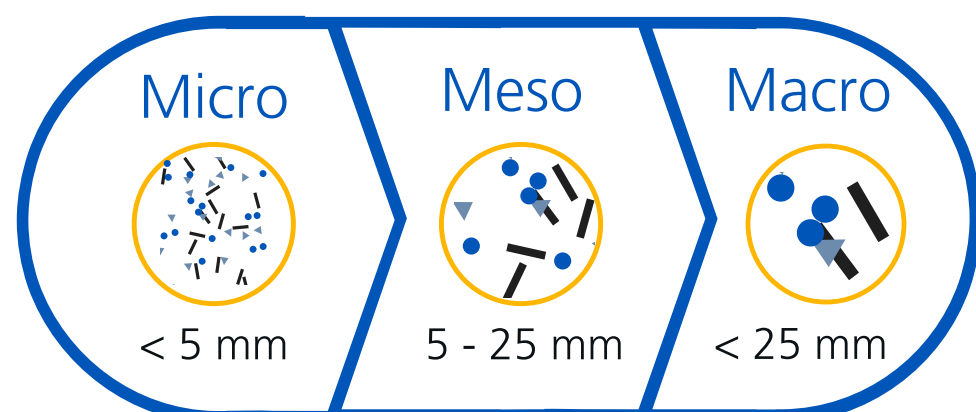
7 Sites  
42 Samples collected

#### SEDIMENT

7 Sites  
84 Samples collected

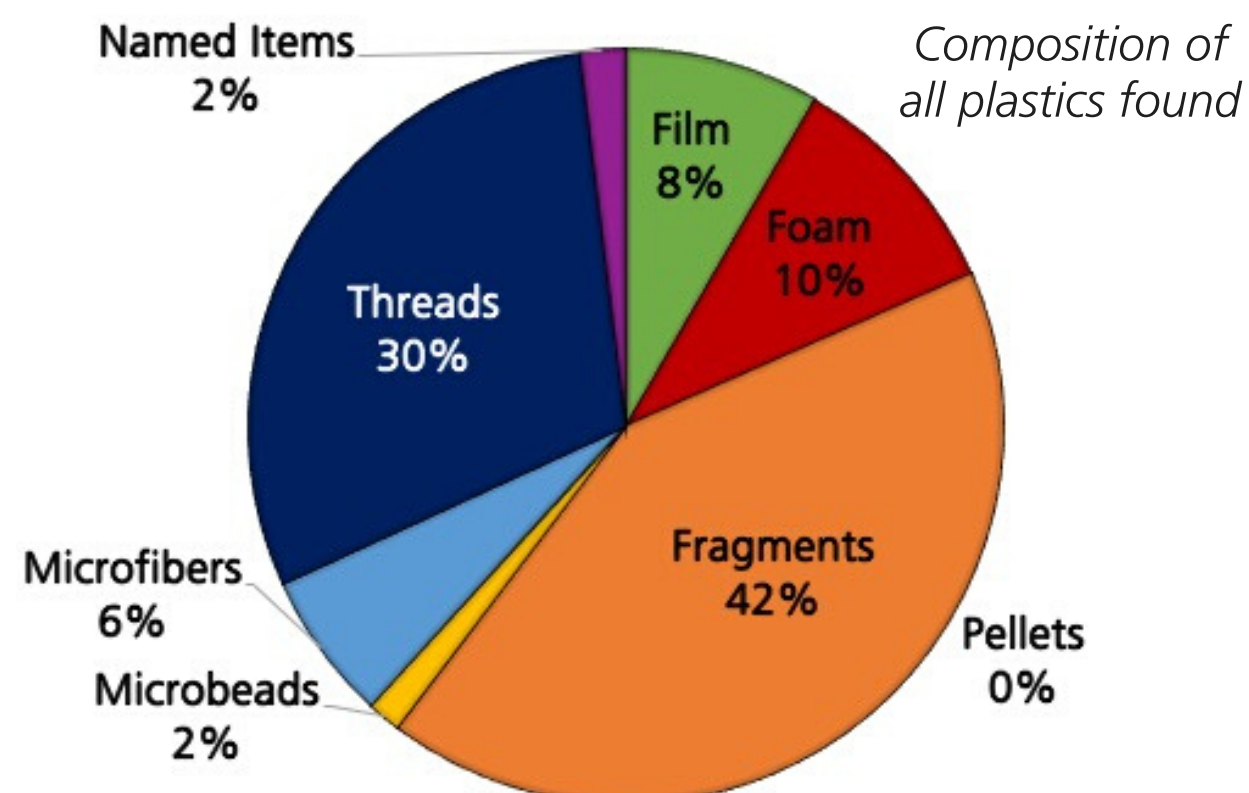
## SURFACE WATER RESULTS (2018)

### PLASTIC SIZES



Microplastics  
were most  
prevalent  
(67%)

### PLASTIC TYPES



Composition of  
all plastics found



FULL REPORTS ONLINE:  
[www.coastalaction.org/microplastics](http://www.coastalaction.org/microplastics)

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