



Casco Bay Toxics Monitoring 2021 - 2022

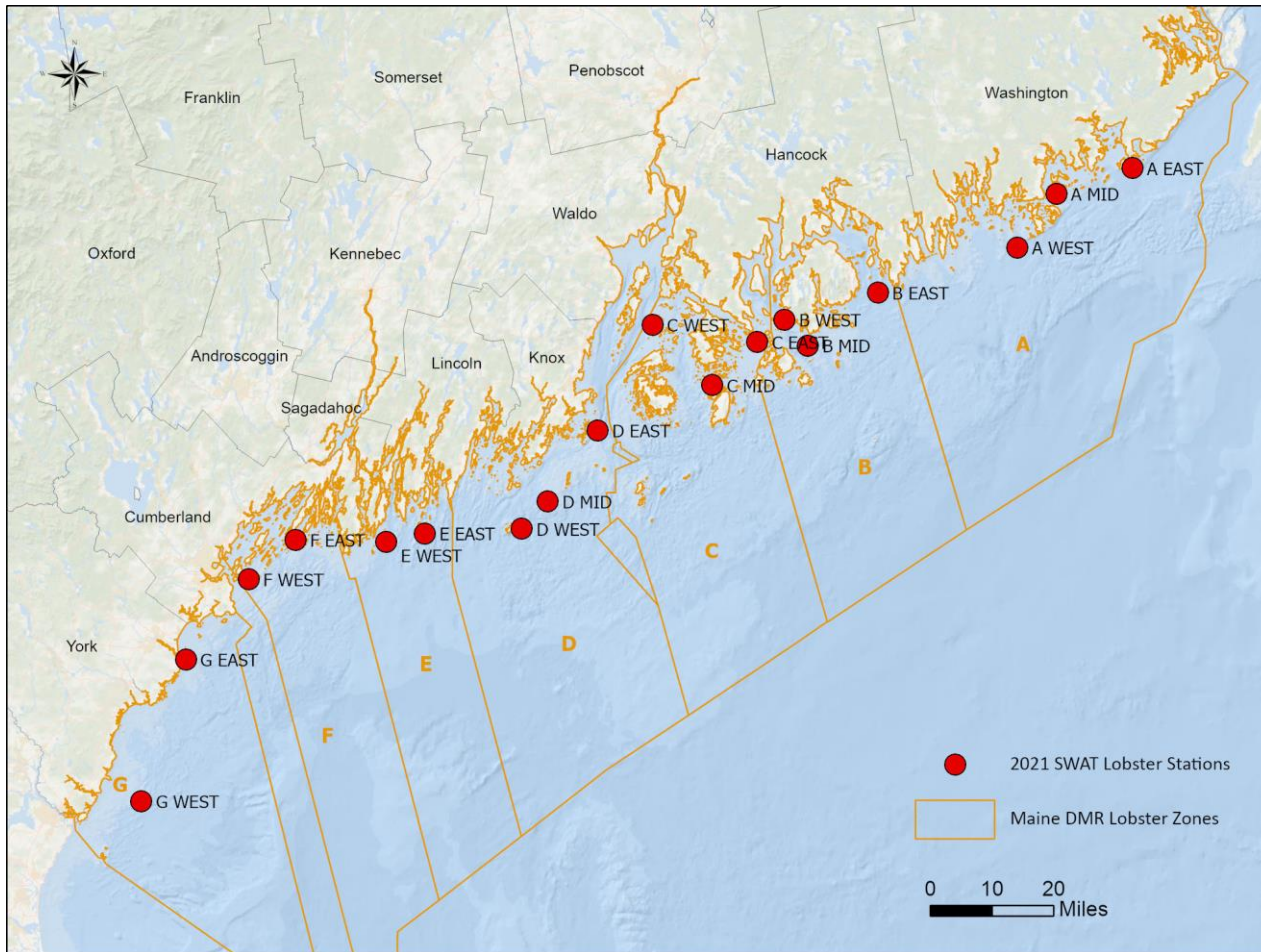
Jim Stahlnecker

Surface Water Ambient Toxics
(SWAT) Monitoring

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

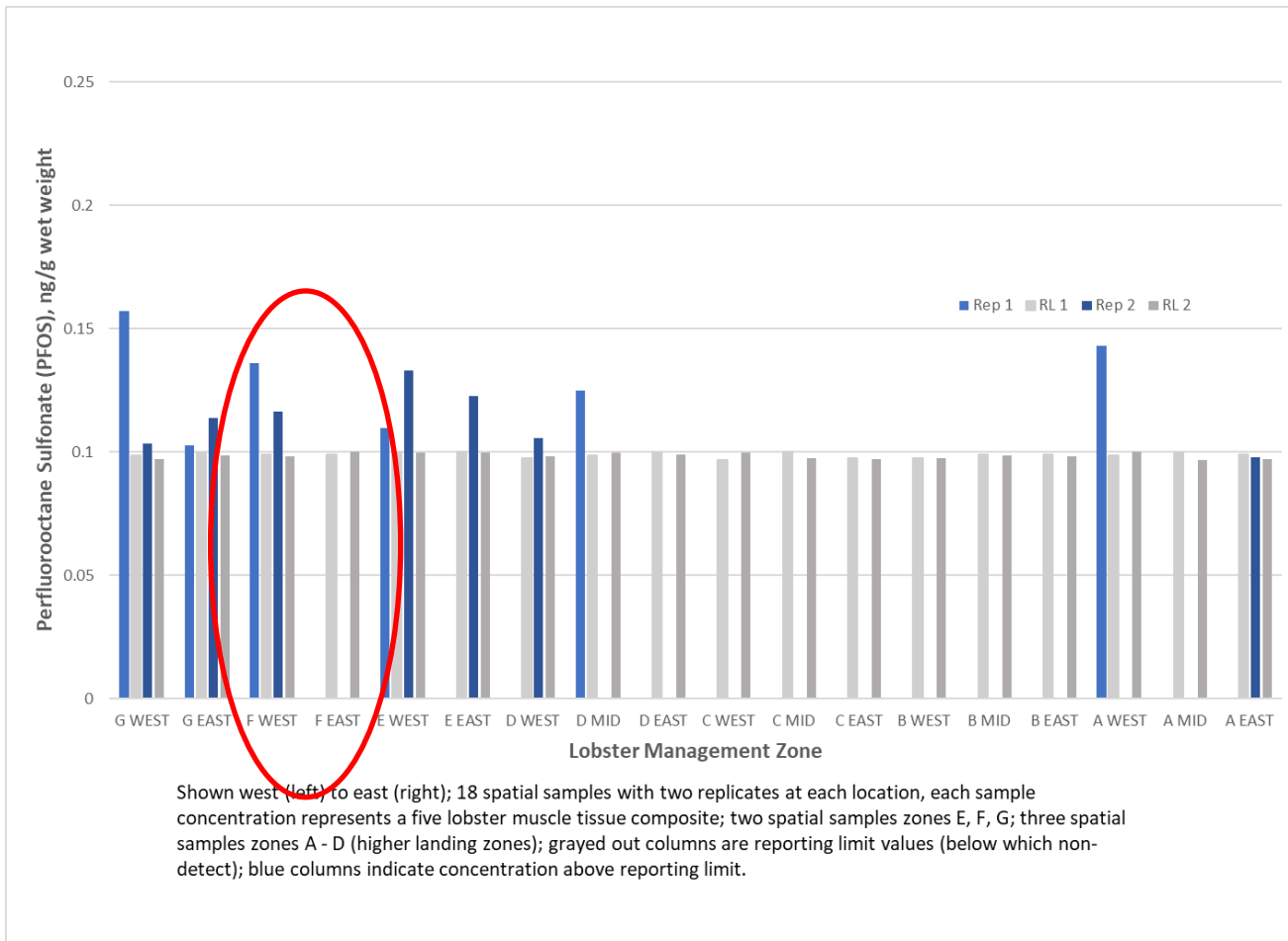
Protecting Maine's Air, Land and Water

SWAT PFAS American Lobster Stations - 2021

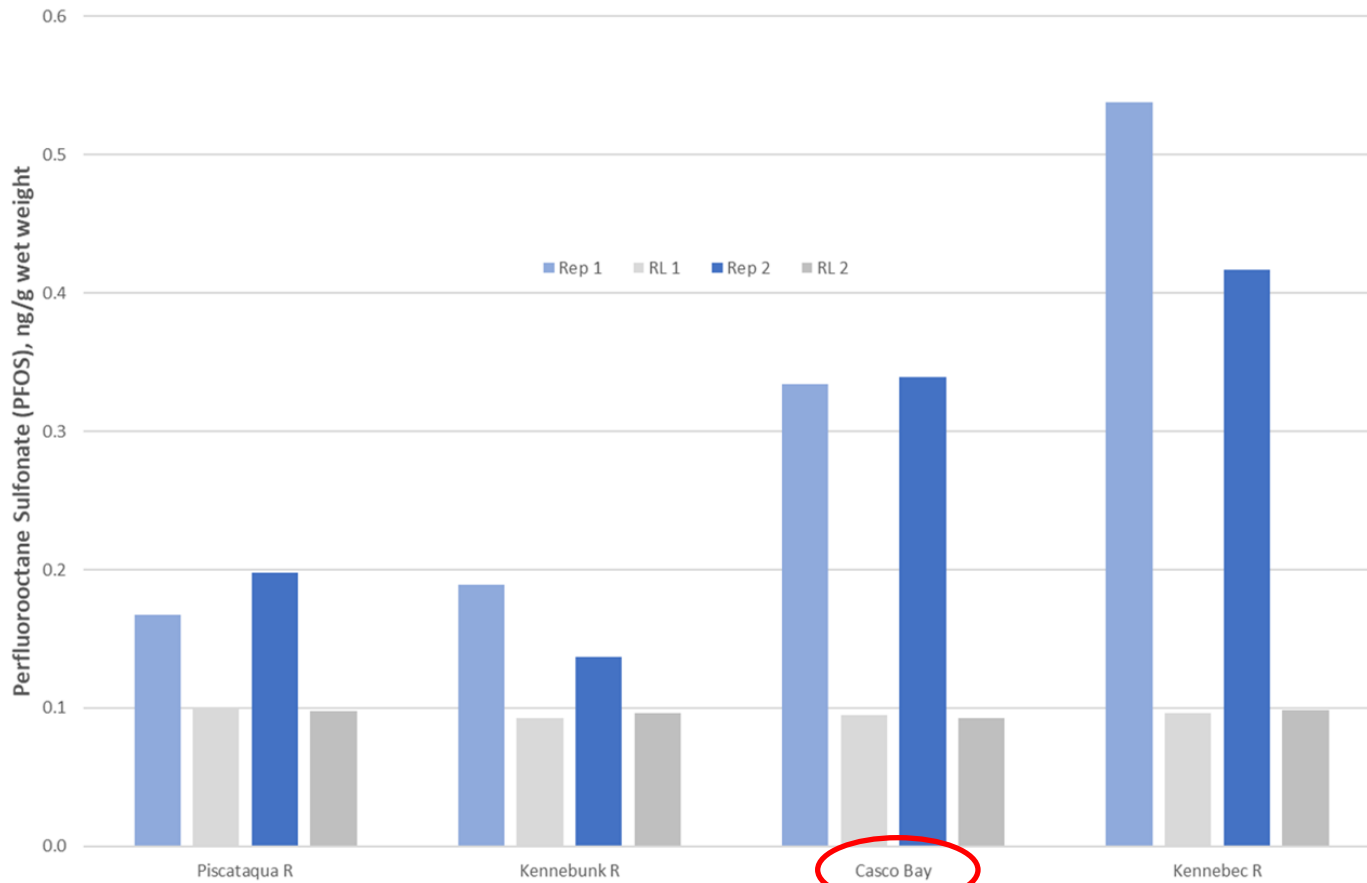


PFOS in Lobster Muscle

Casco Bay Sites = Zone F West & East



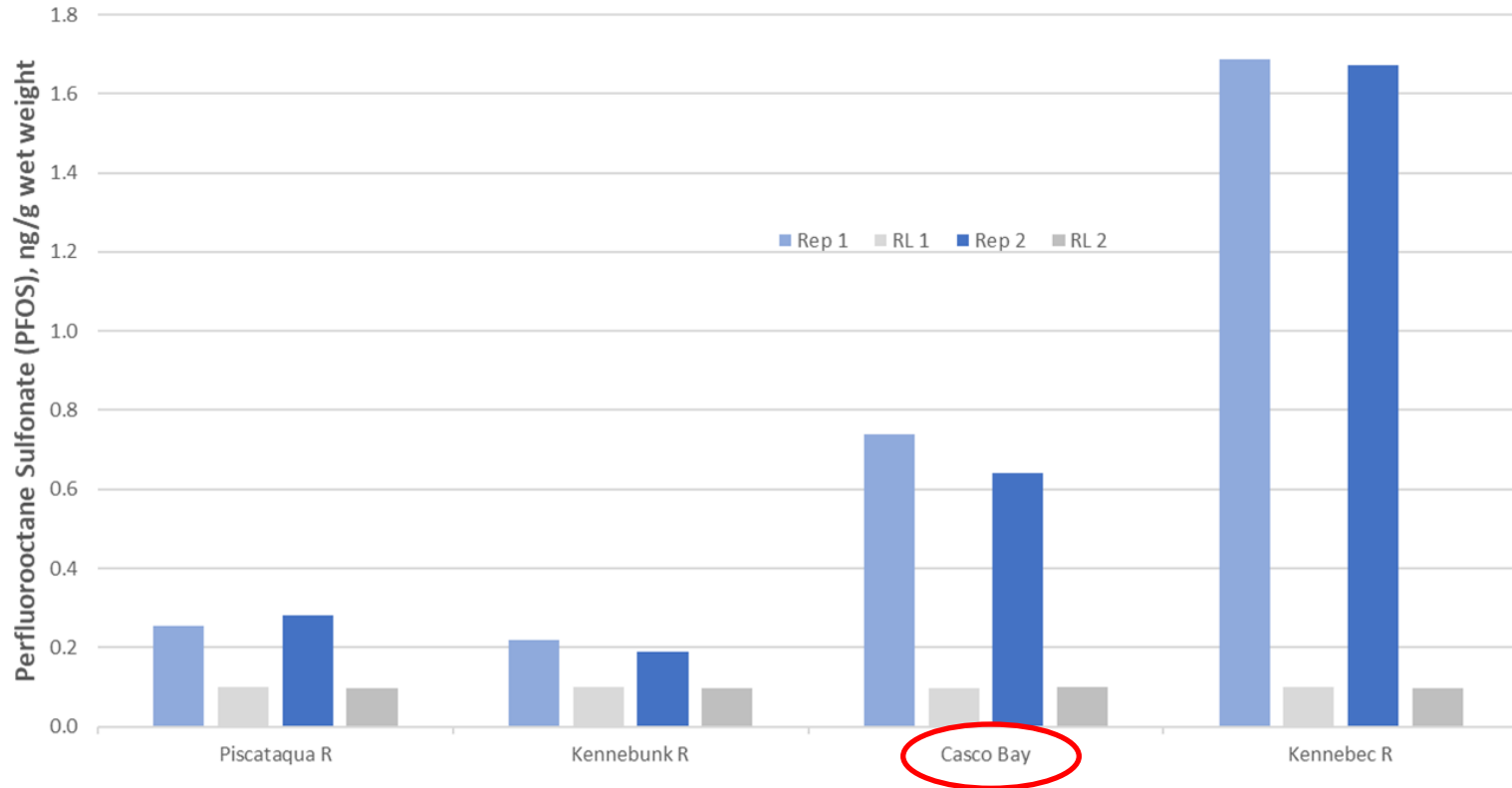
PFOS in Pollock - 2021



Four spatial samples with two replicates at each location, each replicate represents a 5 fish composite sample (skinless filet); grayed out columns are reporting limit values (below which non-detect); blue columns indicate concentration above RL.



PFOS in Atlantic Silverside 2021

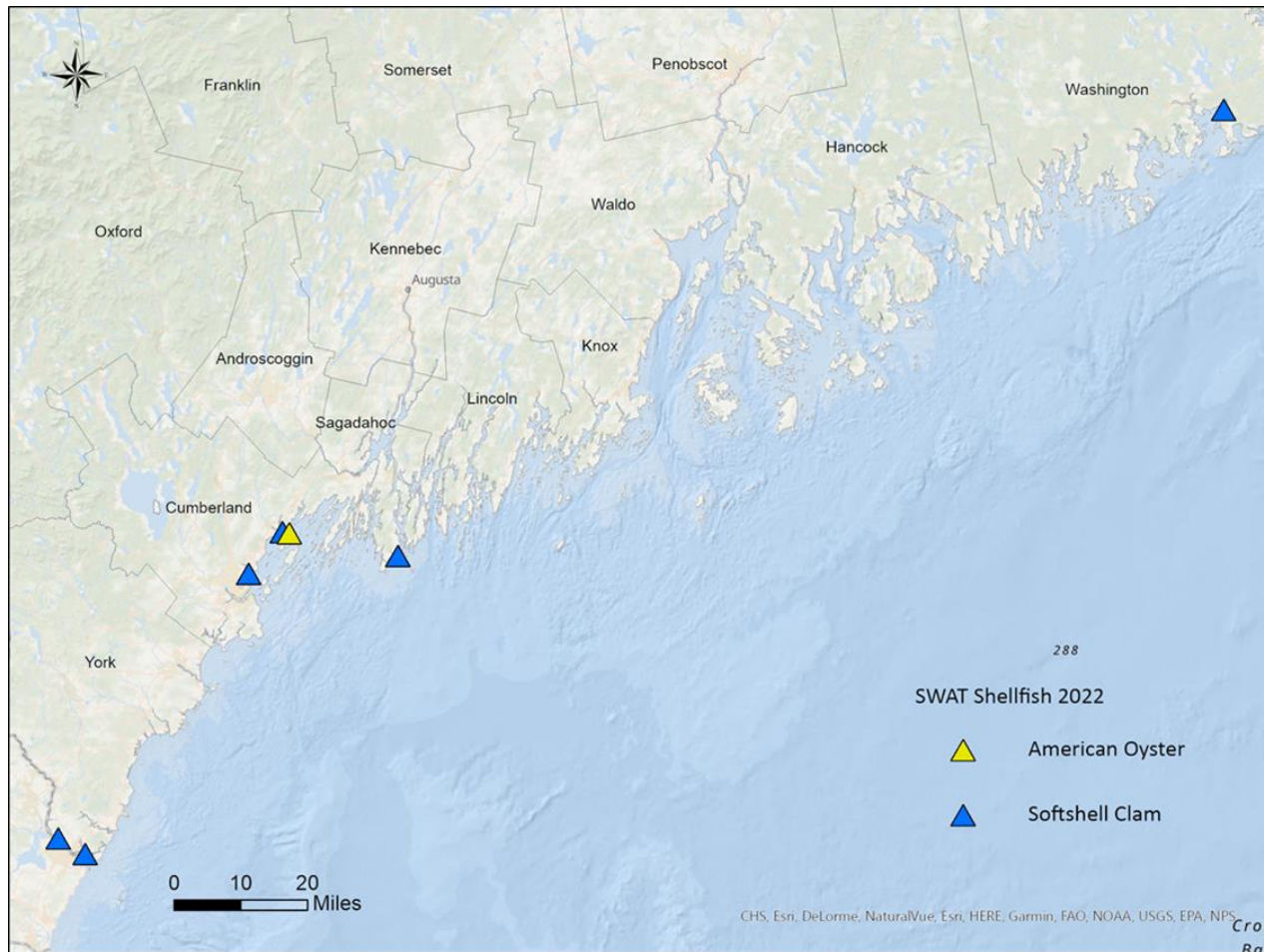


Four spatial samples with two replicates at each location, each replicate represents a 25 fish composite sample (heads and entrails removed); grayed out columns are reporting limit values (below which non-detect); blue columns indicate concentration above reporting limit.



SWAT PFAS Bivalve Stations – 2022

Presumpscot R. & Royal R. in Casco Bay



PFAS in Bivalves

- No PFOS detected in Presumpscot or Royal softshell clam edible tissue
- No PFOS detected in Royal American oyster
- Presumpscot clam – 5 other PFAS (low conc.)
- Royal clam – 3 other PFAS (low conc.)
- Royal oyster – 1 PFAS compound (low conc.)





Contact:

Jim Stahlnecker

james.stahlnecker@maine.gov

(207) 215-6954

www.maine.gov/dep

