

Jay Davis San Francisco Estuary Institute

Forum on PFAS in San Francisco Bay Fish February 4, 2022

The Bay Consumption Advisory

 Based on data from the Regional Monitoring Program (RMP)



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 Based on data from the Regional Monitoring Program (RMP)



- One of the best fish monitoring programs anywhere
- Began in 1994
- Most recent in 2019
 - 13 locations
 - 16 species
 - 1,306 fish
 - 152 samples
 - Many contaminants
- BUT there are still gaps



- One of the best fish monitoring programs anywhere
- Began in 1294 2009
- Most recent in 2019
 - 6 locations
 - 5 species
 - 1,206 111 fish
 - **12 16** samples
- BUT there are till even more gaps



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The Latest Artesian Slough Largemouth Bass Data Central Bay Oakland • South Bay CA does not have Suisun Bay Striped Bass a threshold

- Limited dataset
- We do have **PFAS in Bay fish**
- Several samples and 2 averages above a NJ threshold
- South Bay appears higher
- Note on shiner surfperch



Threshold shown is from New Jersey: general population, one serving/week - 3.9 ppb ww

PFOS in Bay Fish, 2019

Sum of PFAS in Bay Fish, 2009-2019

The Longterm Dataset

- Analytical methods
 have improved
- We do measure a range of PFAS
- Earlier data also limited
- 2019 and 2014 results were similar



What's Next?

- Continued monitoring by the RMP (2024)
- Enhanced assessment of PFOS
 - More thorough monitoring



What's Next?

- Increased focus on groups with high consumption rates
 - African-Americans, tribes, other communities
 - New beneficial use definitions
 - Surveying subsistence fishers in the Bay
 - Community-guided monitoring by State Water Board ("Realignment")



Photograph by Joe Clark, All Positives Possible (www.allpositivesp.org)

For More Information

Me

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OEHHA Fish Advisories

oehha.ca.gov/fish/advisories

The full technical report on RMP fish monitoring

 https://www.sfei.org/document s/contaminant-concentrationssport-fish-san-francisco-bay-2019

RMP data on fish and other parameters

https://cd3.sfei.org/

The 2021 RMP Update (including a summary article on the 2019 RMP fish monitoring)

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SWAMP Bioaccumulation Realignment

 bit.ly/BioaccumulationPrgm_Re alignment

My son's band's new song (Where I'm @ by Hot Flash Heat Wave)

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Acknowledgements

Report co-authors

- Nina Buzby
- Rebecca Sutton
- Don Yee
- Ezra Miller
- Adam Wong
- Marco Sigala
- Autumn Bonnema
- Wes Heim
- Richard Grace

Others

- RMP Sport Fish Strategy Team
- Melissa Foley
- Ellen Plane
- Shira Bezalel (photos except for slide 16)

Funding

- RMP
- USEPA











