

# CHALLENGES AND REQUIREMENTS FOR SITES INVOLVED IN SCREENING FOR NEW CONTAMINANTS AND (MICRO)PLASTICS

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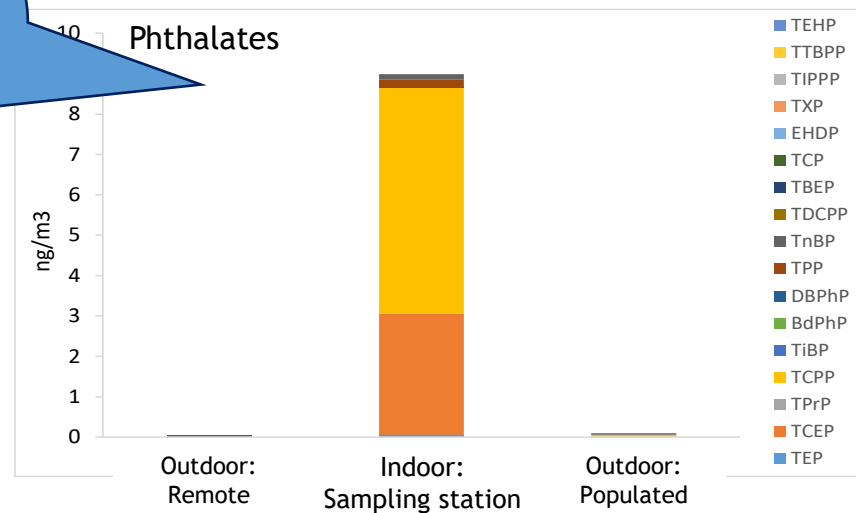
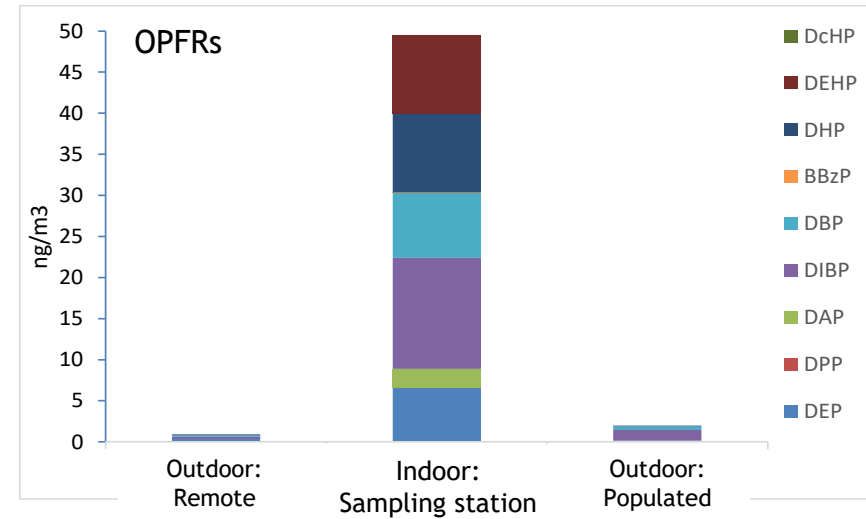
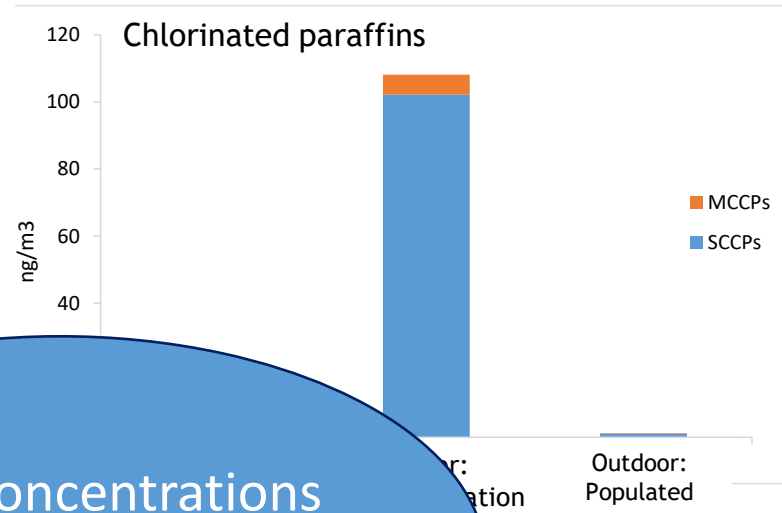
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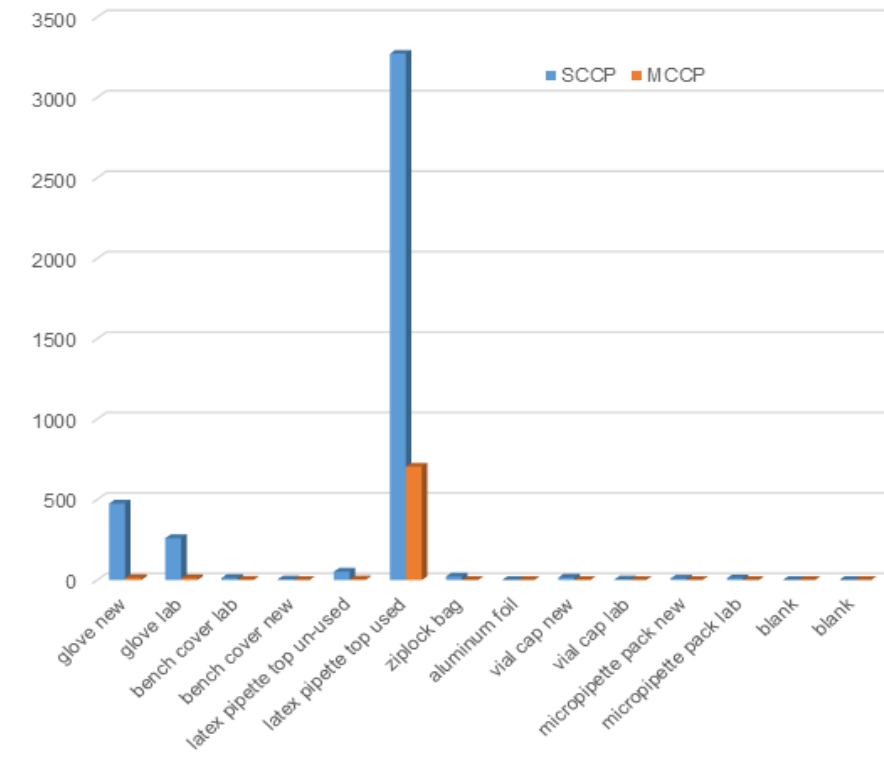
# Challenges: Indoor sources

Indoor concentrations  
100 times higher than  
outdoor concentrations



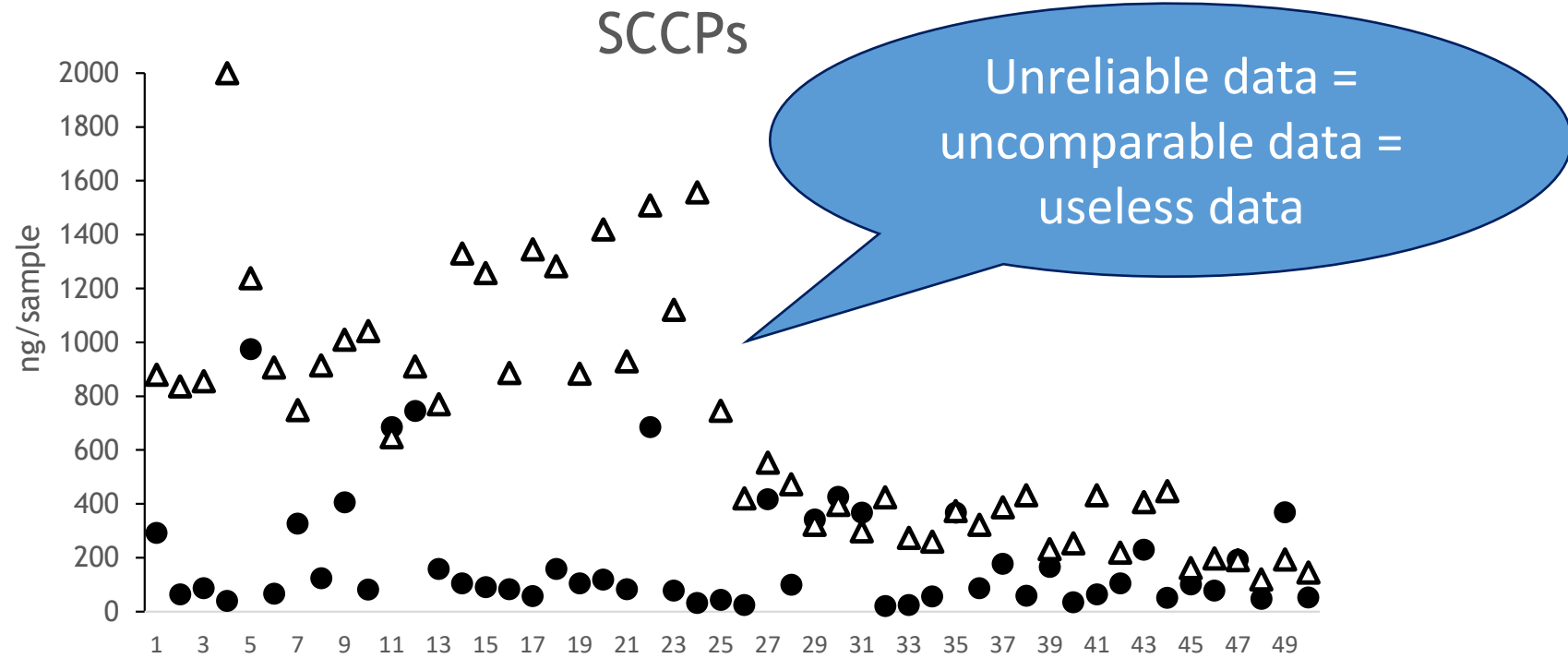
# Challenges: Indoor sources

Laboratory - Equipment





# Challenges: Contamination



# Quality control and assurance

Need to limit contamination in field

- sampling station
- storage
- transportation



Always include blanks samples in field and in lab

Blank samples decide what we detect

- Method detection limit (MDL) =  
mean blank samples + 3x standard deviation of blank samples



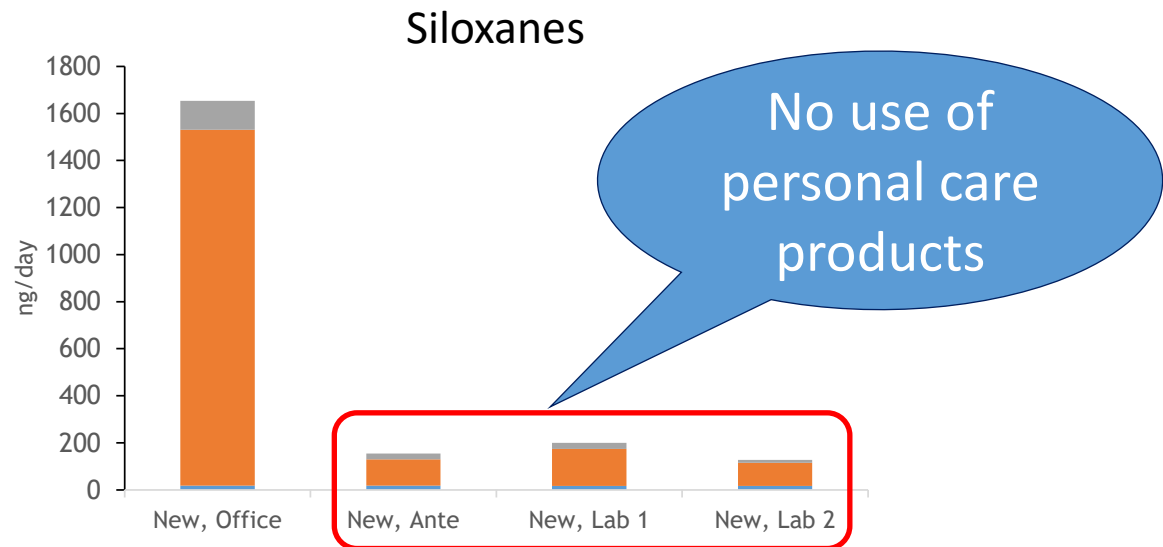
# Quality control and assurance

## Plan before handling samples

- Ask others
- Share routines
- Introduce new routines
- New guidelines are needed

## Measures (new routines):

- works well
- gives better data
- should be established
- should be followed







# THANK YOU!

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