

# Synoptic CB: Porewater Sulfide

July 2025 Samples Plate 5

2025-10-24

## Run Information

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##### Run information - PLEASE CHANGE
Date_Run = "20250812" #Date that instrument was run
Plate = "5"
Month = "July"
Year = "2025"
Run_by = "Melanie Giessner" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Std curve R squared is below cutoff: 0.9394858.
Std curve intercept is 2 sd different from previous intercepts.
Chk Std 3 is significantly different from Std 3.
One duplicate & respective sample had H2S values of 0.
" #any notes from the run

##### STDs to remove manually - NA unless standards have high CVs - CHECK THESE!
stds_to_remove <- c("E03", "F03") #Ex. c("A02", "B02")

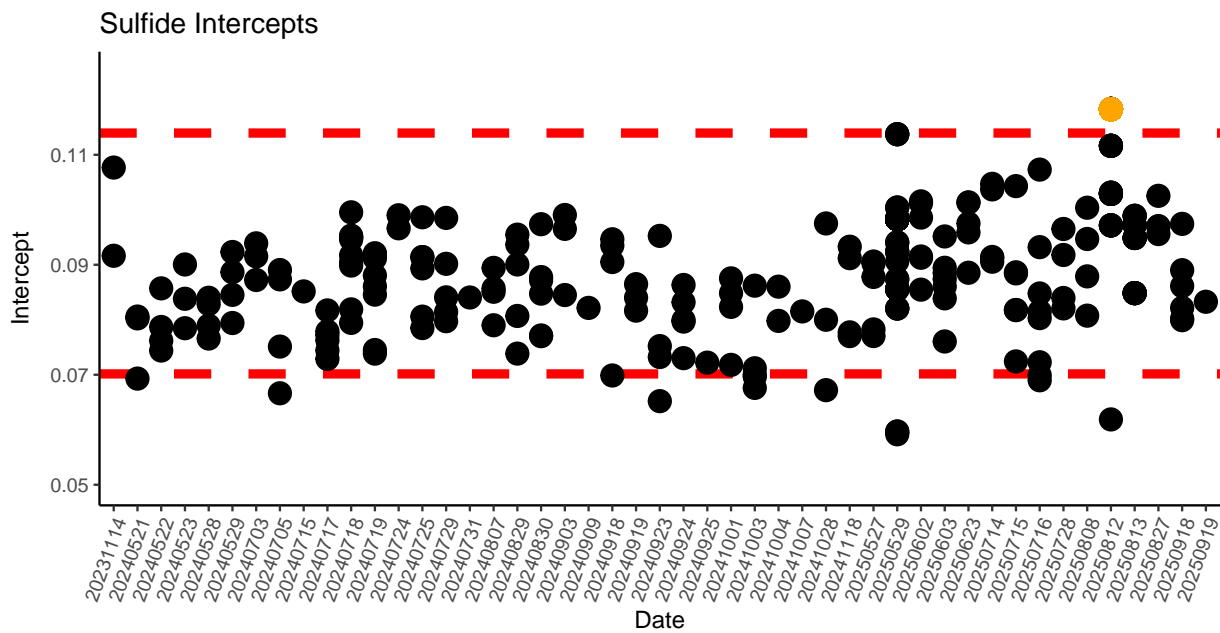
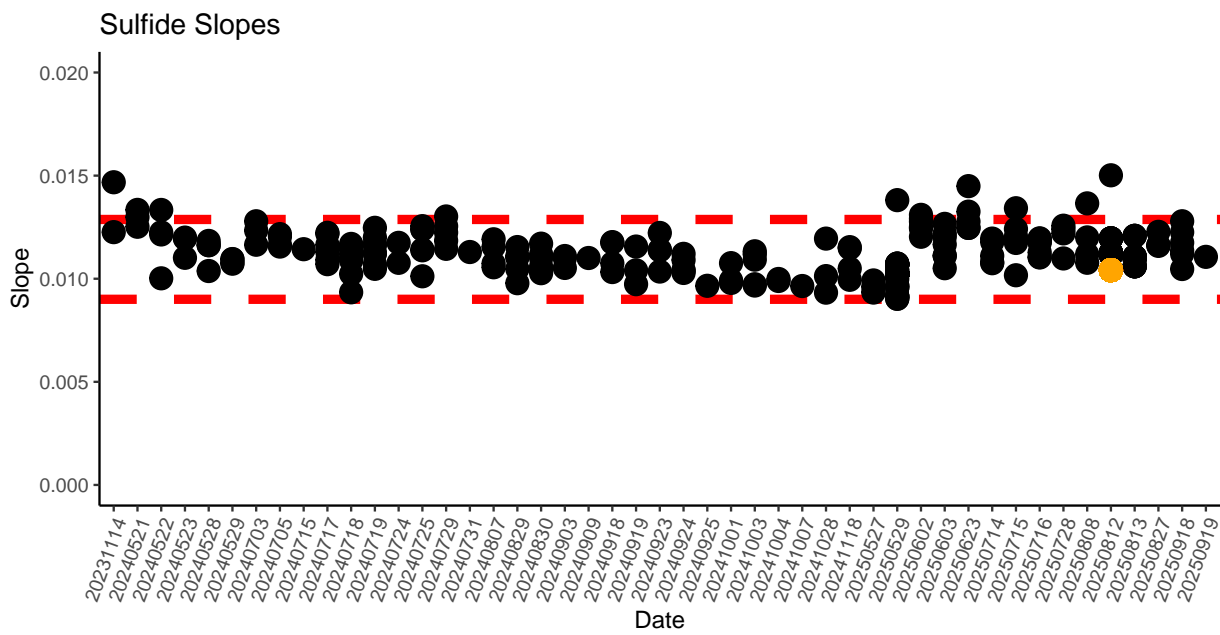
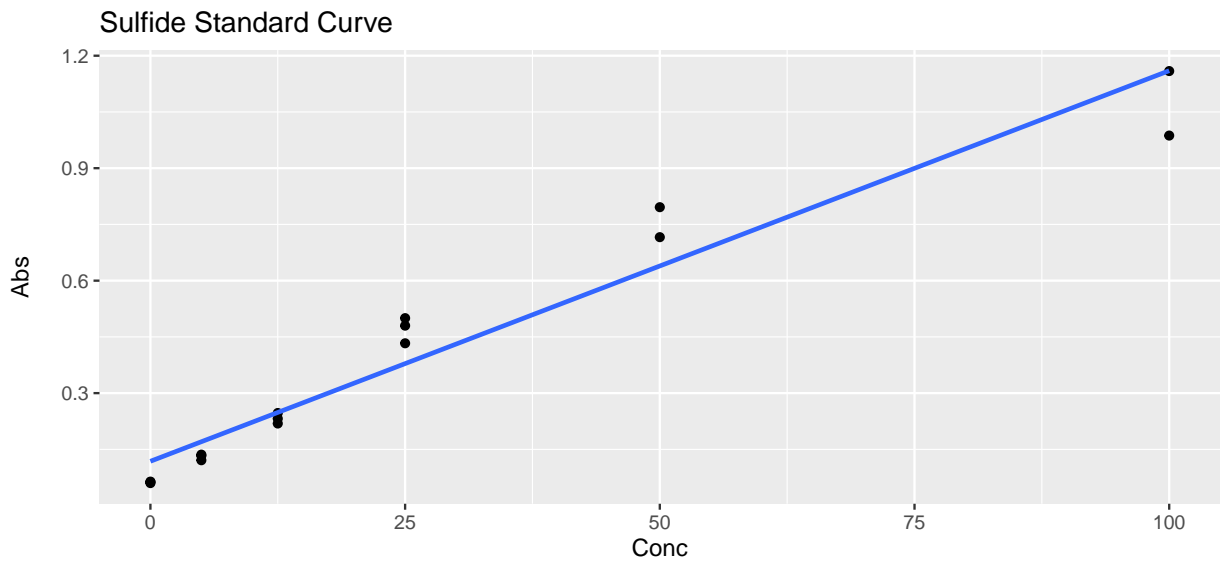
Chkstds_to_remove <- c(NA)

MCs_to_remove <- c(NA)

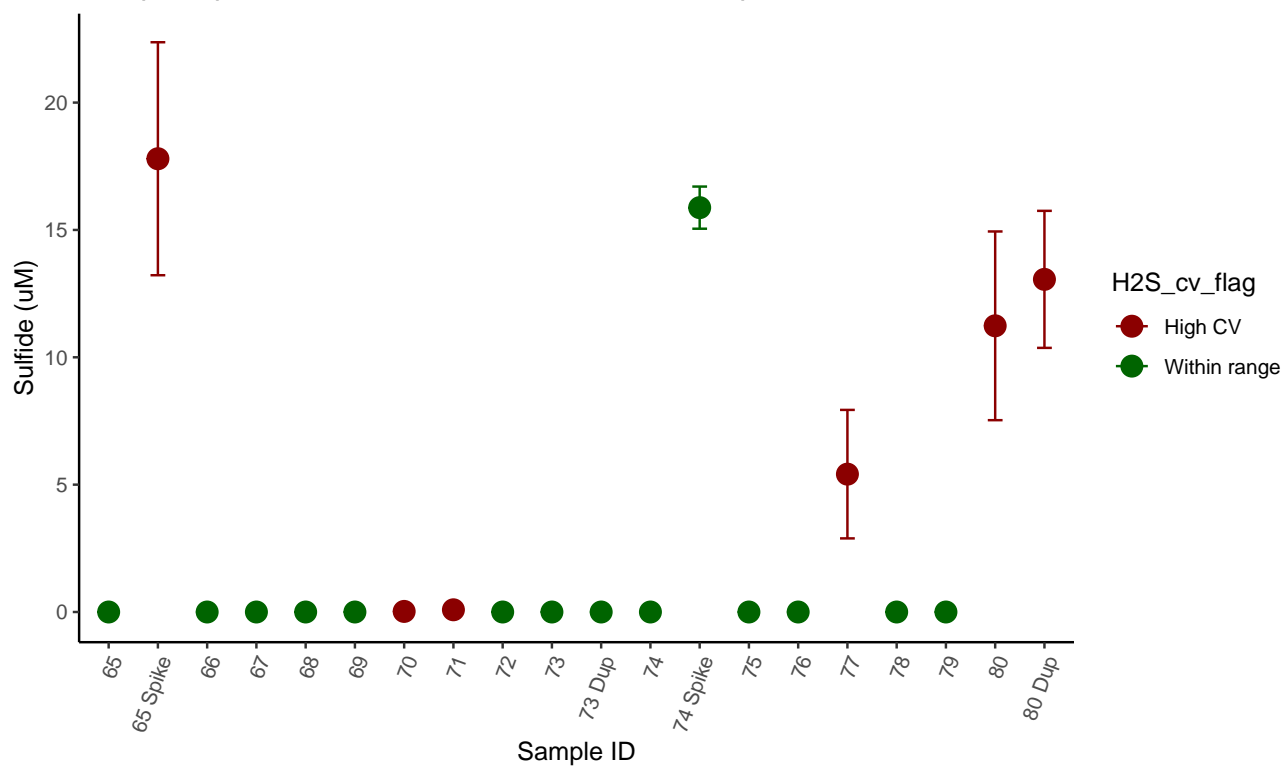
##Sample data that was entered incorrectly
# The Old ID is the original, incorrectly-entered ID and the New ID is the correct ID to change it to.
# Old_ID_1 = "17 Dup"
# New_ID_1 = "16 Dup"
cat(run_notes)

## Std curve R squared is below cutoff: 0.9394858.
## Std curve intercept is 2 sd different from previous intercepts.
## Chk Std 3 is significantly different from Std 3.
## One duplicate & respective sample had H2S values of 0.
##

## [1] "Std Curve R squared: 0.9395"
```



Sample triplicate means and sd dev before bad reps removed



Sample triplicate means and sd dev after bad reps removed

