

TEMPEST: Porewater Sulfide

2025 Samples Plate 4 20251110

2025-12-01

Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20251110" #Date that instrument was run
Plate = "4"
Year = "2025"
Run_by = "Zoe Read" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "TEMPEST"
run_notes = "Some sample IDs are missing from metadata: TMP_SW_PW_H6_20250926_15CM
Std Curve r2 is slightly below cutoff (0.972).
Std curve slope and intercept are 2 sd different from previous ones.
Matrix Check 10 is significantly different from Std 5.
Dup and respective sample had H2S values of 0.
" #any notes from the run

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

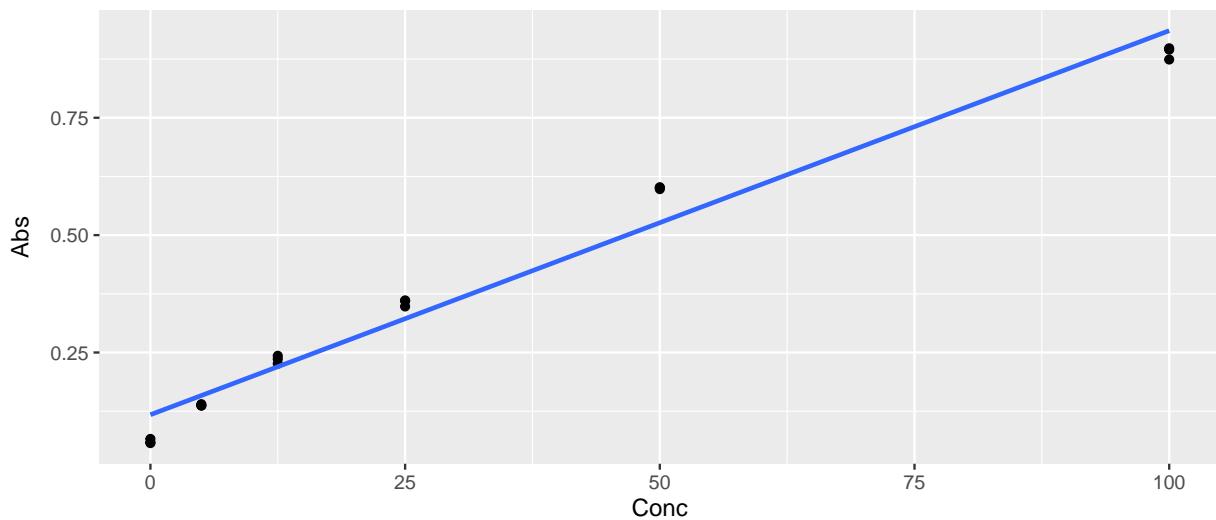
Chkstds_to_remove <- c(NA)

MCs_to_remove <- c(NA)

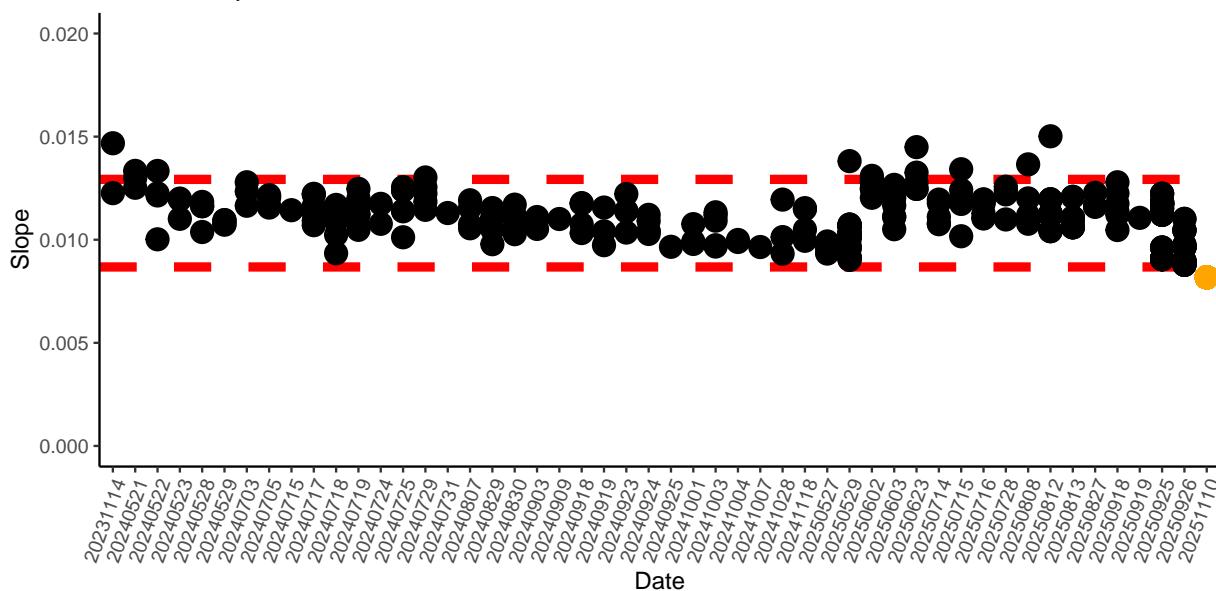
##Sample data that was entered incorrectly
# The Old ID is the original, incorrectly-entered ID and the New ID is the correct ID to change it to.
# Old_ID_1 = "NA"
# New_ID_1 = "NA"
cat(run_notes)

## Some sample IDs are missing from metadata: TMP_SW_PW_H6_20250926_15CM
## Std Curve r2 is slightly below cutoff (0.972).
## Std curve slope and intercept are 2 sd different from previous ones.
## Matrix Check 10 is significantly different from Std 5.
## Dup and respective sample had H2S values of 0.
##
## [1] "Std Curve R squared: 0.9721"
```

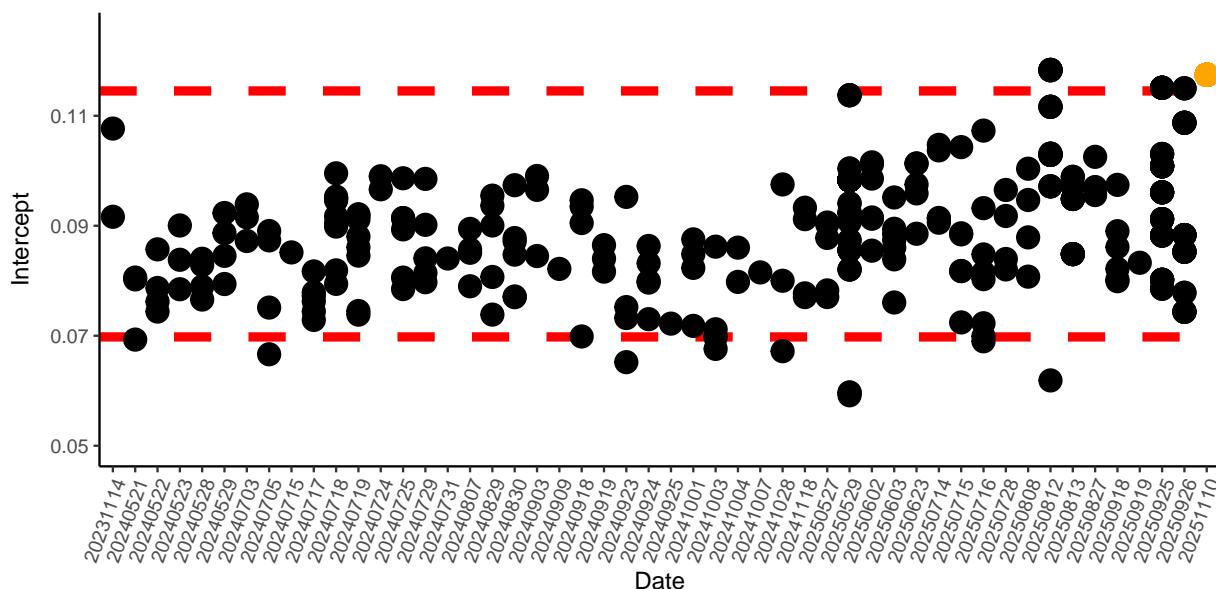
Sulfide Standard Curve

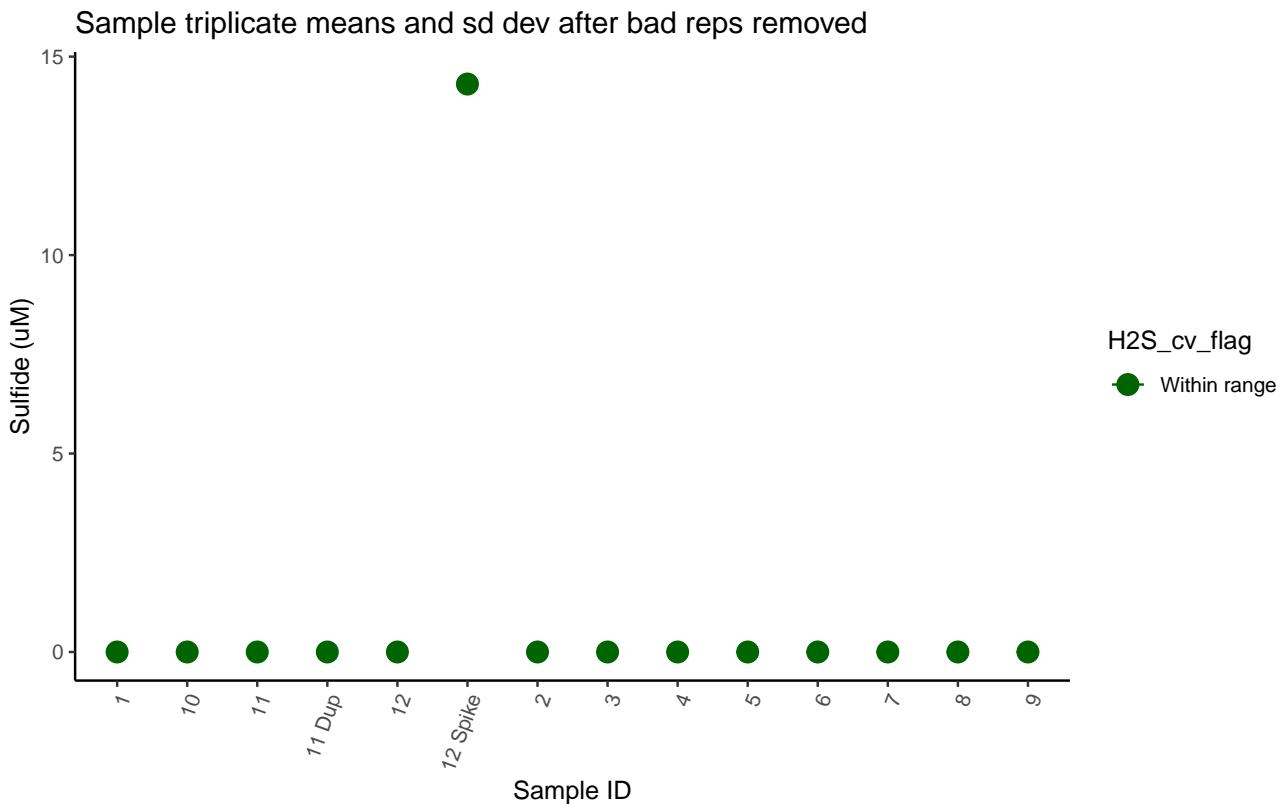
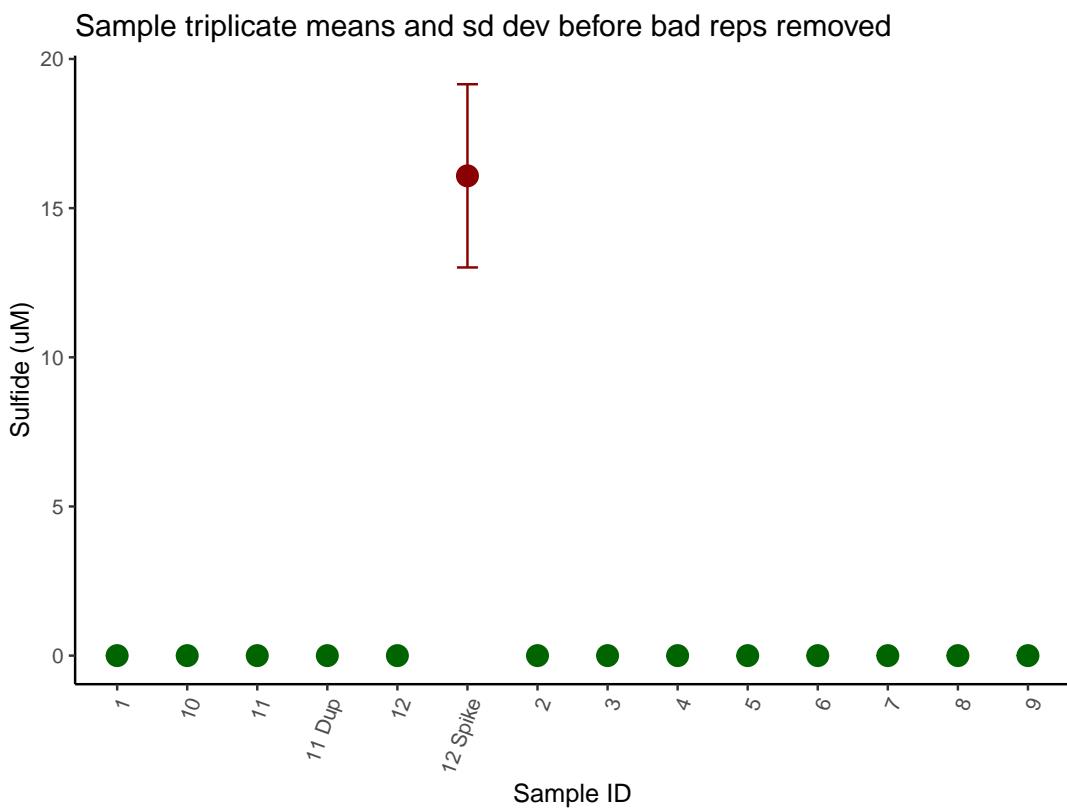


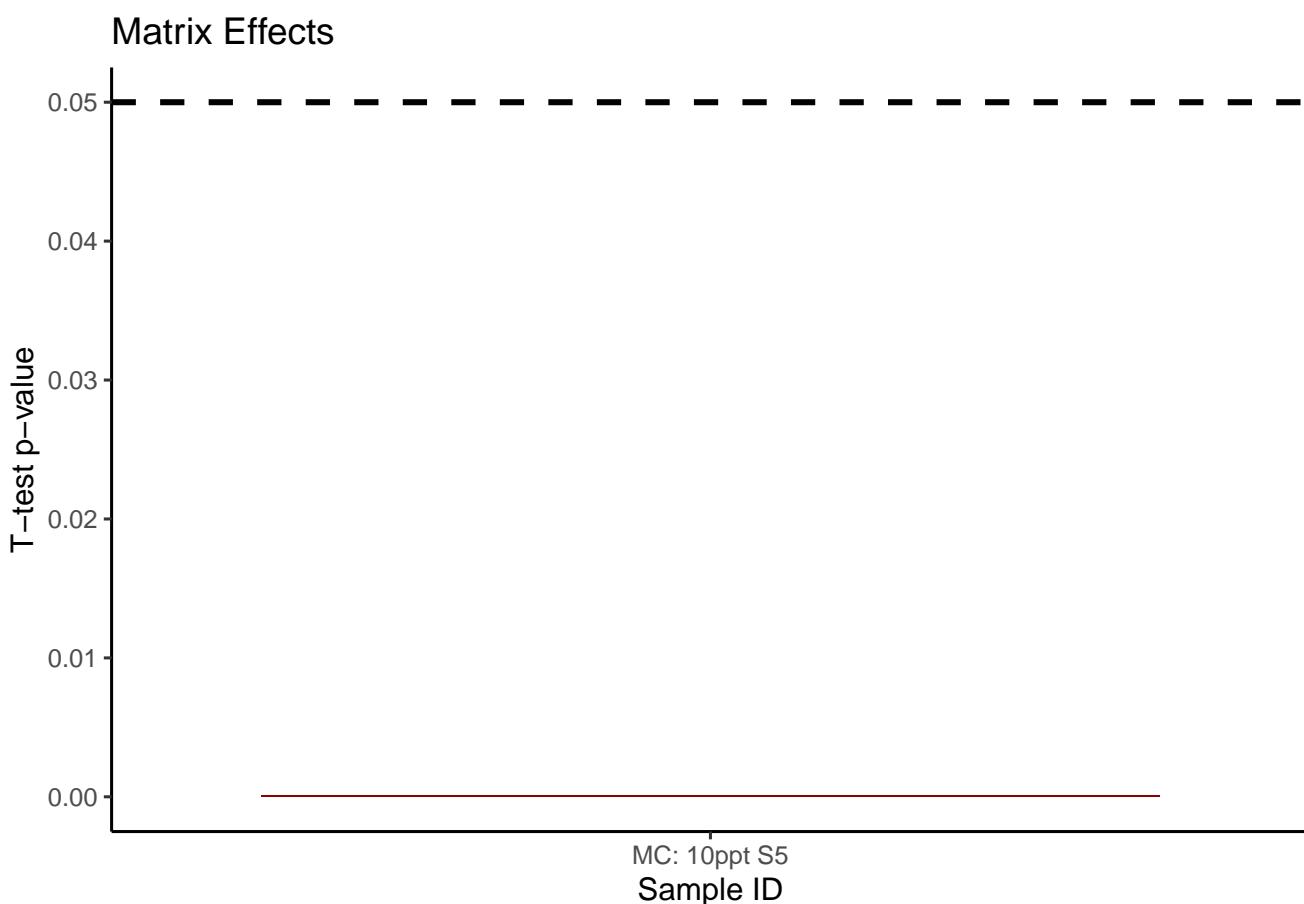
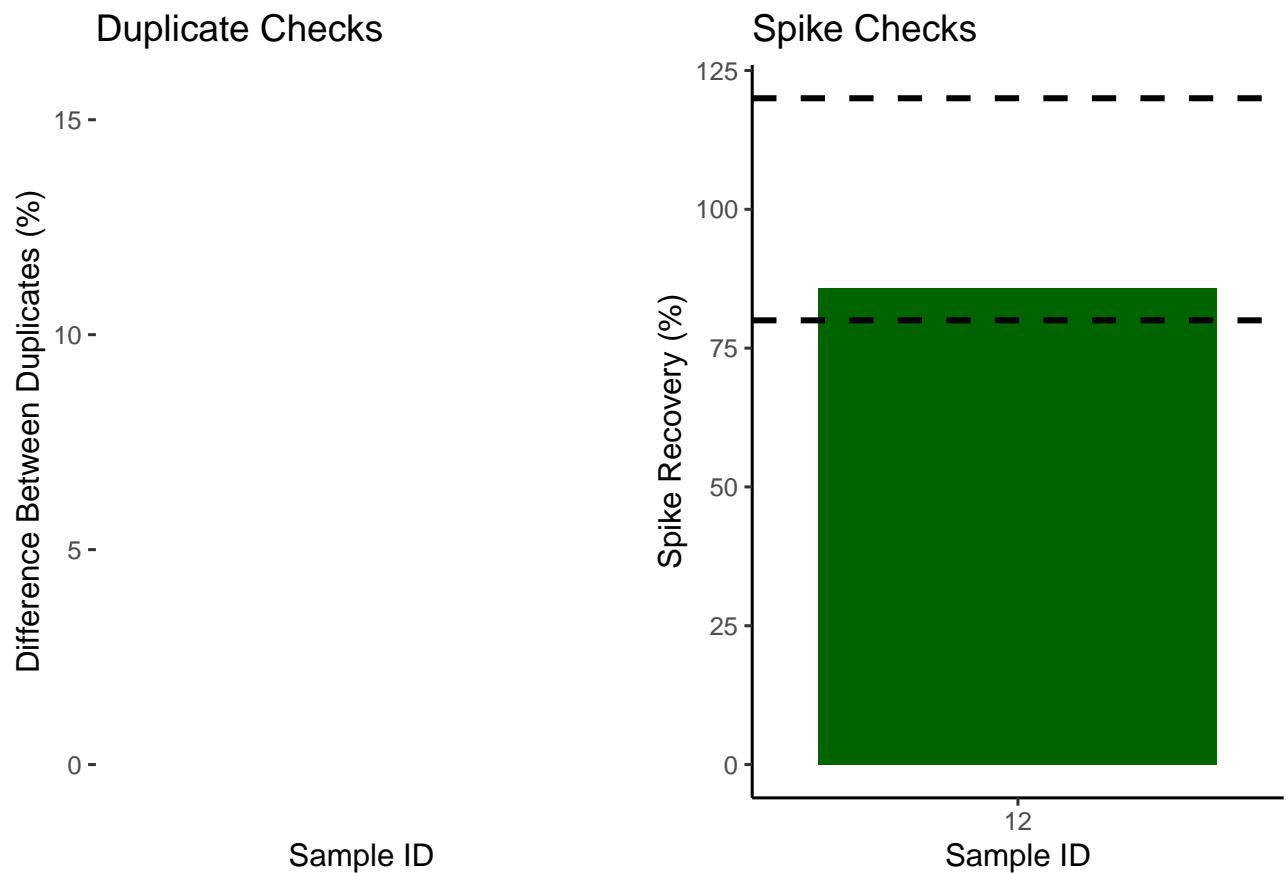
Sulfide Slopes



Sulfide Intercepts







```
## Some sample IDs are missing from metadata.
```

```
## [1] "TMP_SW_PW_H6_20250926_15CM"
```