Influence of Pressure Main Pumping Frequency on Sulfide Formation Rates in Sanitary Sewers

(Electronic Supplementary Information)

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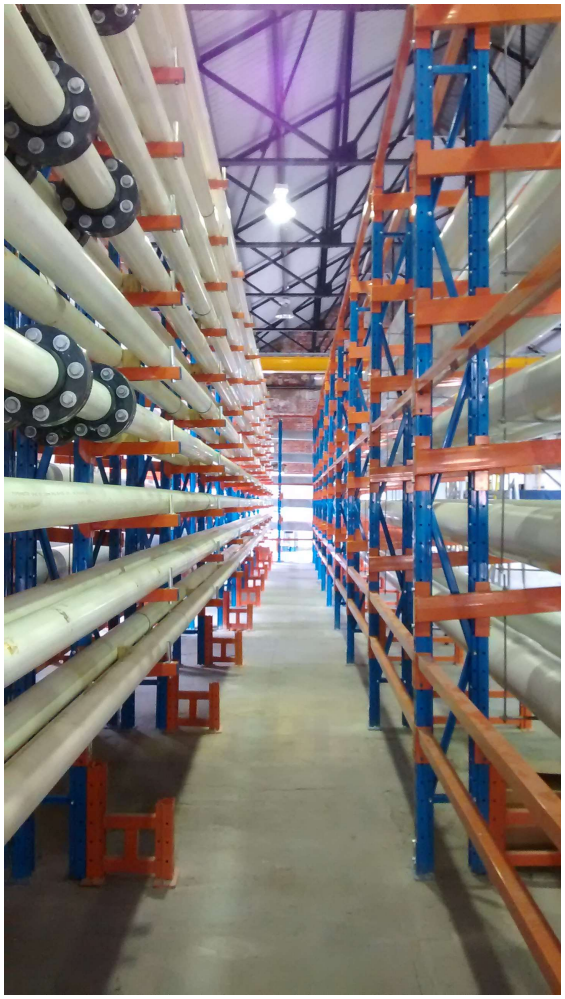

Fig. S1 Luggage Point Pressure Main Pilot System

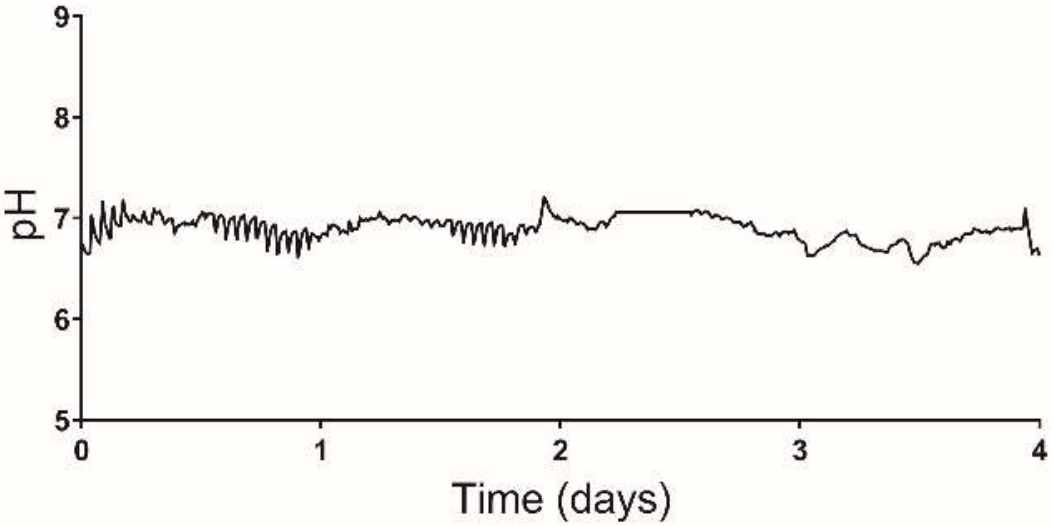

Fig. S2 Typical influent pH profile at pilot system under a 60 minute pumping frequency. Mean pH is 6.9.

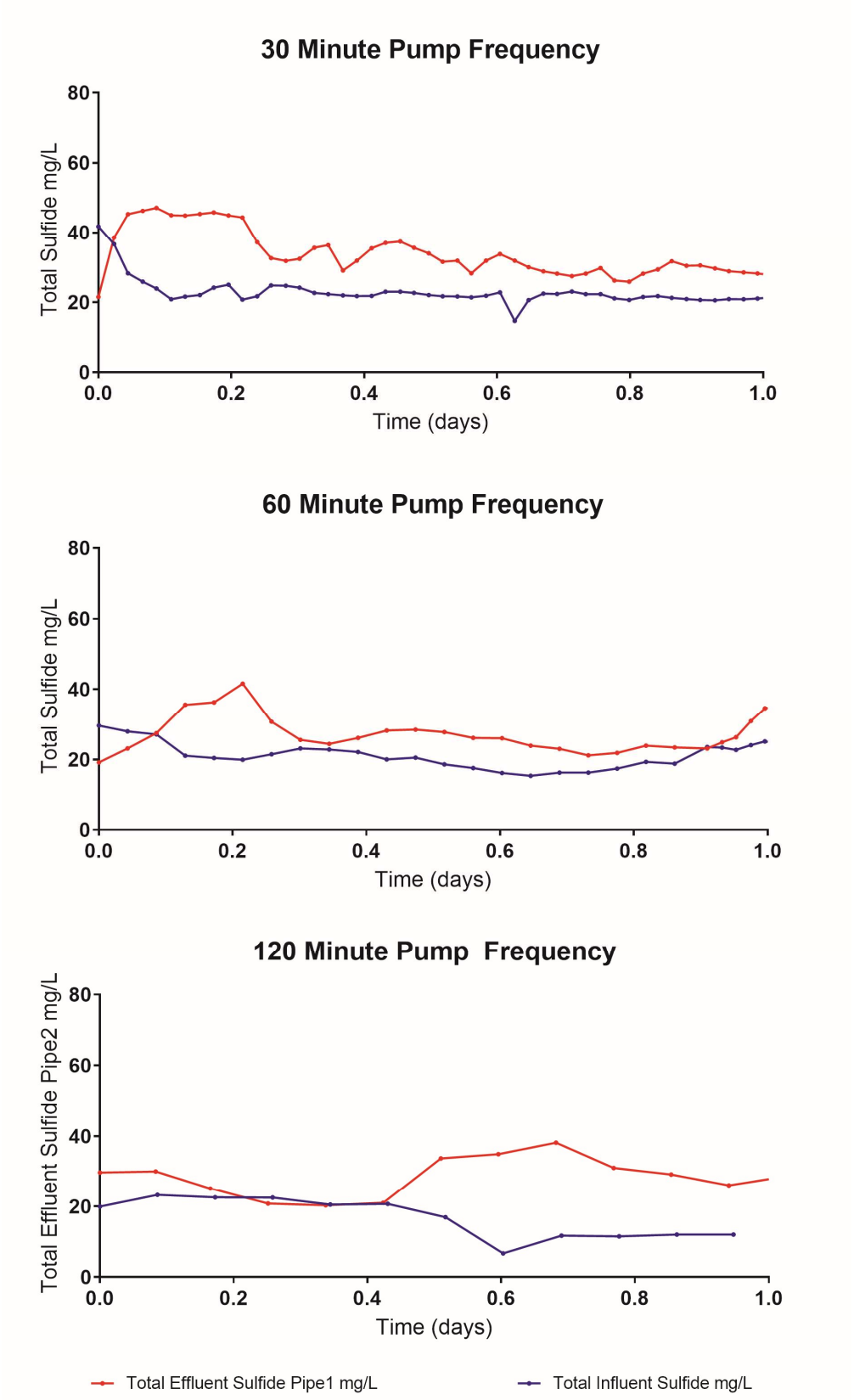

Fig. S3 Total Sulfide Concentration Profiles, May

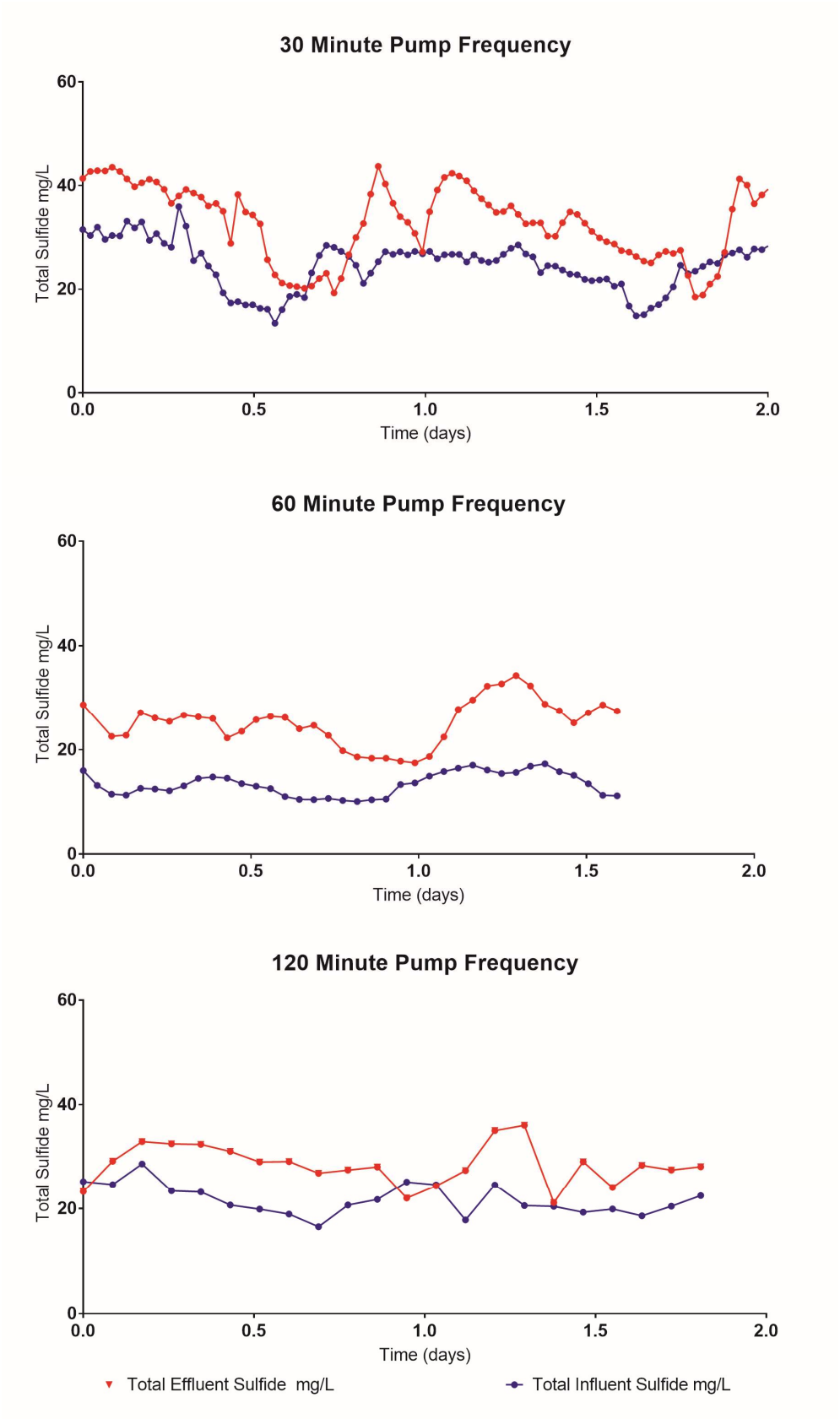

Fig. S4 Total Sulfide Concentration Profiles, June

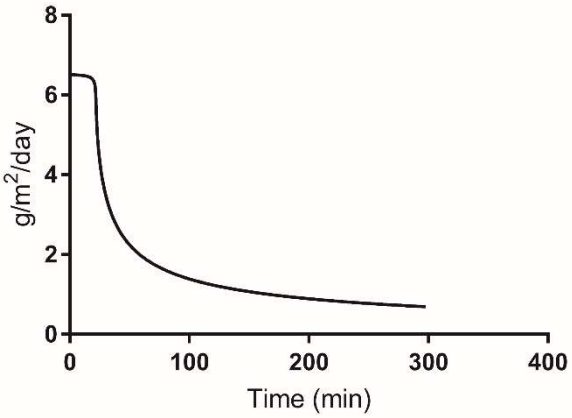

Fig. S5 Predicted instantaneous sulfide generation rate for modelled scenario with initial concentrations of 25 mg/L sulfate and 400 mg/L CODs

Table S1 Temperature characteristics of influent during pilot scale trials in °C

	Daily Average	Average Daily Minimum	Average Daily
May	25.5	23.5	26.5
June	23.3	21.7	24.0
July	21.9	19.9	23.0