

CFA VEMTC WMS

Quarterly Performance Report

Calendar Quarter Three 2021 - 01/07/2021 - 30/09/2021

Report Issue Date - 11/10/2021

The Water Management System (WMS) at each Victorian Emergency Management Training Centre (VEMTC) is designed to produce water for training, in line with a Specification which ensures the water is better than the minimum requirements of the Australian Drinking Water Guidelines.

Water samples taken from two sampling locations at each VEMTC are sent for analysis at a NATA accredited laboratory. This report summarises the sampling results and their conformance to the Specification for the past quarter.

WTP1 - Penshurst Water Quality Summary		
Sample Date	Treated Water Tank Outlet	Hydrants
13/07/2021	All results within Specification	11 of 11 hydrants within Specification
28/07/2021	All results within Specification	11 of 11 hydrants within Specification
11/08/2021	All results within Specification	11 of 11 hydrants within Specification
24/08/2021	All results within Specification	11 of 11 hydrants within Specification
08/09/2021	All results within Specification	11 of 11 hydrants within Specification
22/09/2021	All results within Specification	11 of 11 hydrants within Specification

WTP1 - Penshurst Results Discussion

Treated water tank outlet and all hydrants within Specification.

WTP2 - Wangaratta Water Quality Summary		
Sample Date	Treated Water Tank Outlet	Hydrants
06/07/2021	All results within Specification	9 of 9 hydrants within Specification
04/08/2021	All results within Specification	9 of 9 hydrants within Specification
17/08/2021	All results within Specification	9 of 9 hydrants within Specification
31/08/2021	All results within Specification	9 of 9 hydrants within Specification
14/09/2021	All results within Specification	9 of 9 hydrants within Specification
28/09/2021	All results within Specification	9 of 9 hydrants within Specification

WTP2 - Wangaratta Results Discussion

Treated water tank outlet and all hydrants within Specification.

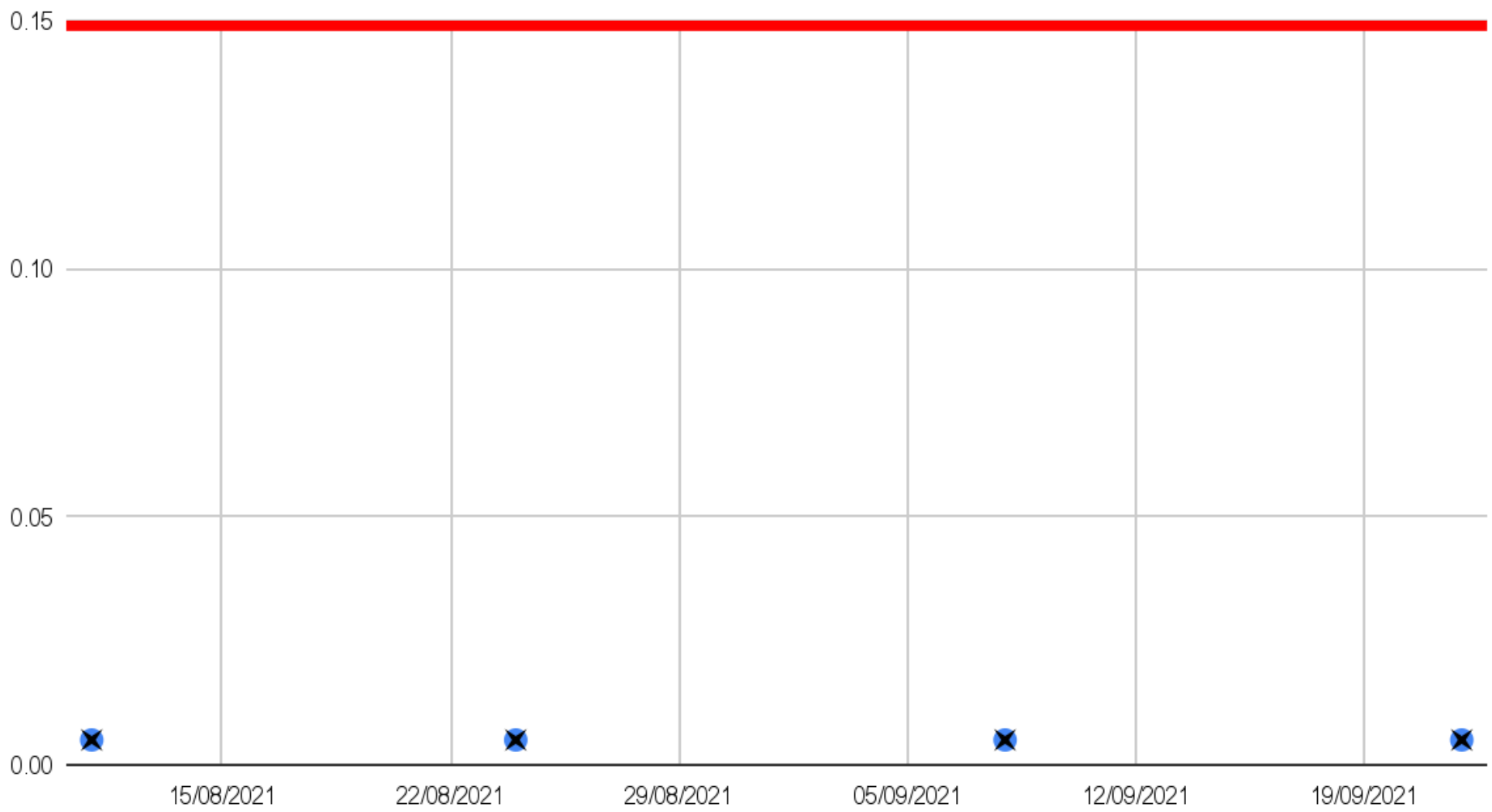


cfa.vic.gov.au

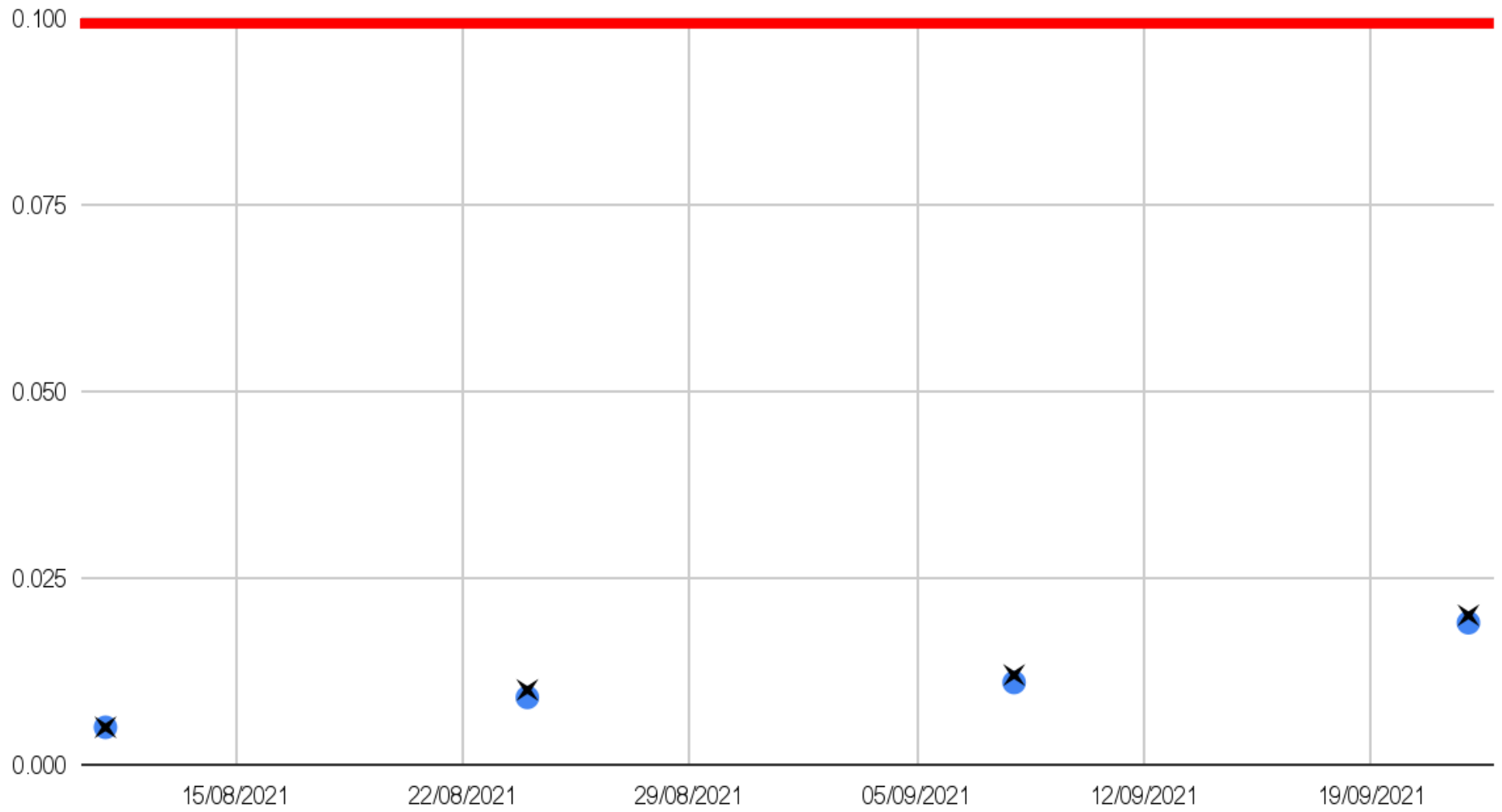
Water Quality Charts

External Laboratory Results

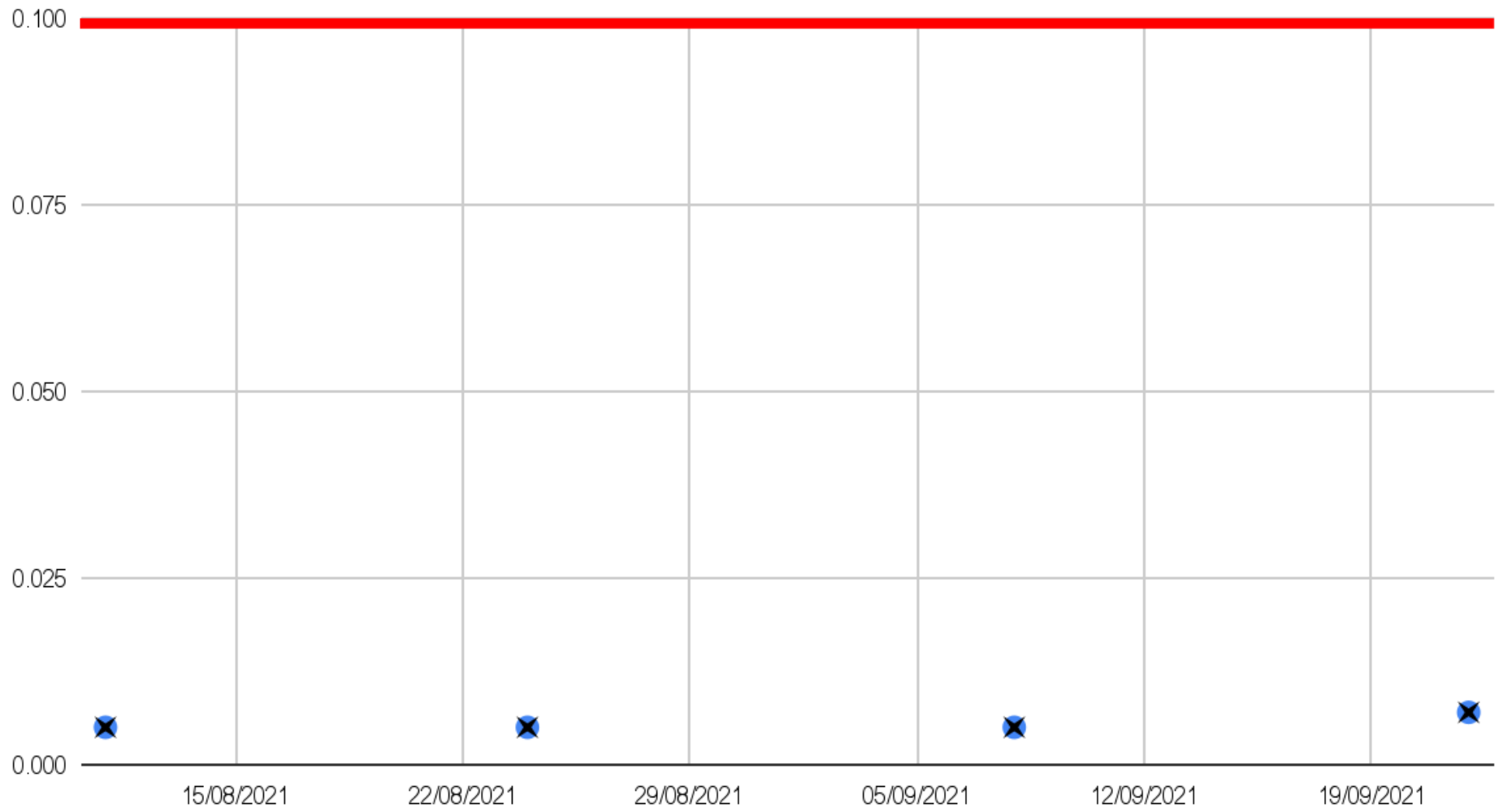
● Penshurst Treated Water Tank Chloroacetic Acid (mg/L) ✕ Penshurst Hydrants Chloroacetic Acid (mg/L) 0.15 mg/L — Limit



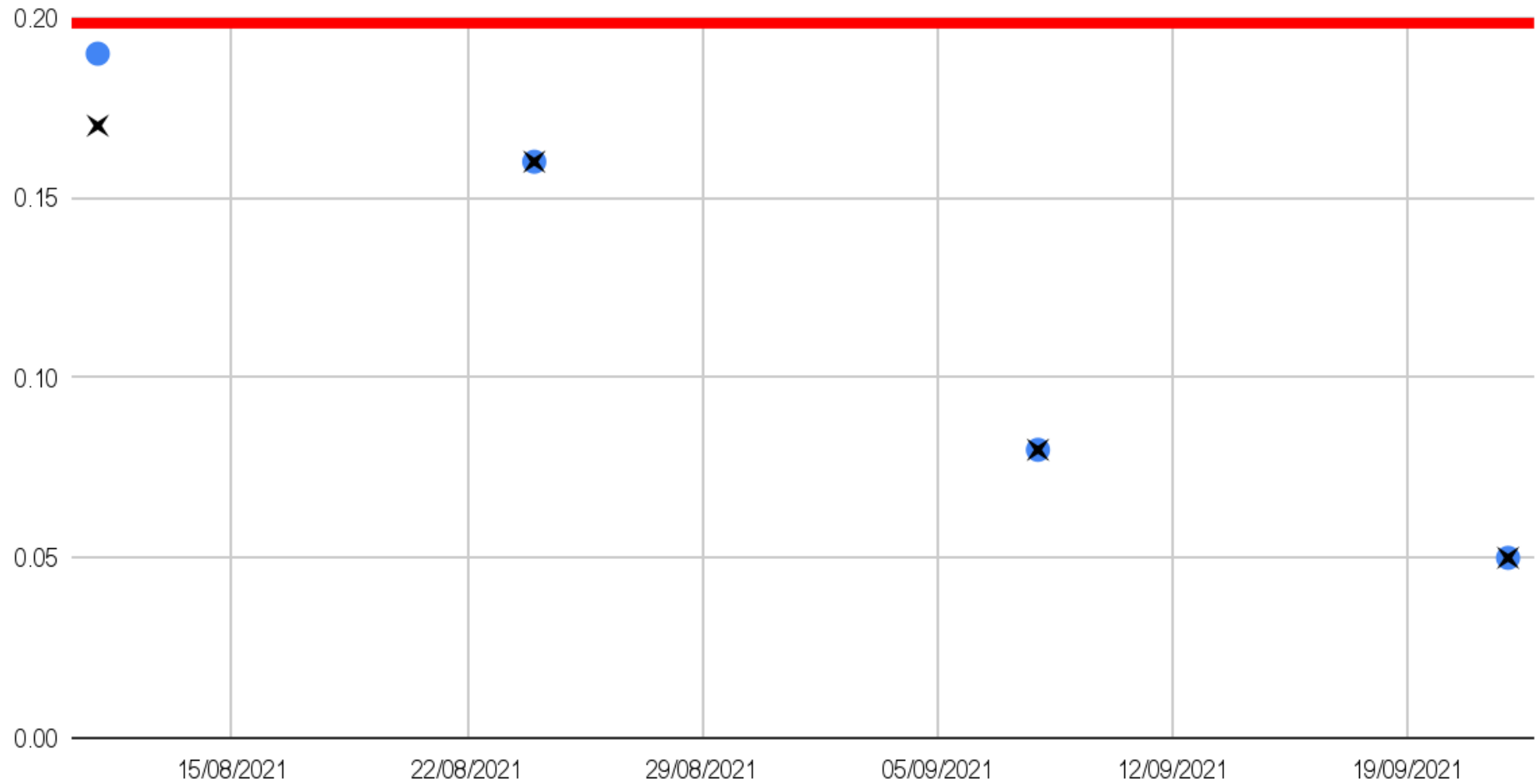
● Penshurst Treated Water Tank Dichloroacetic Acid (mg/L) ✕ Penshurst Hydrants Dichloroacetic Acid (mg/L) 0.1 mg/L — Limit

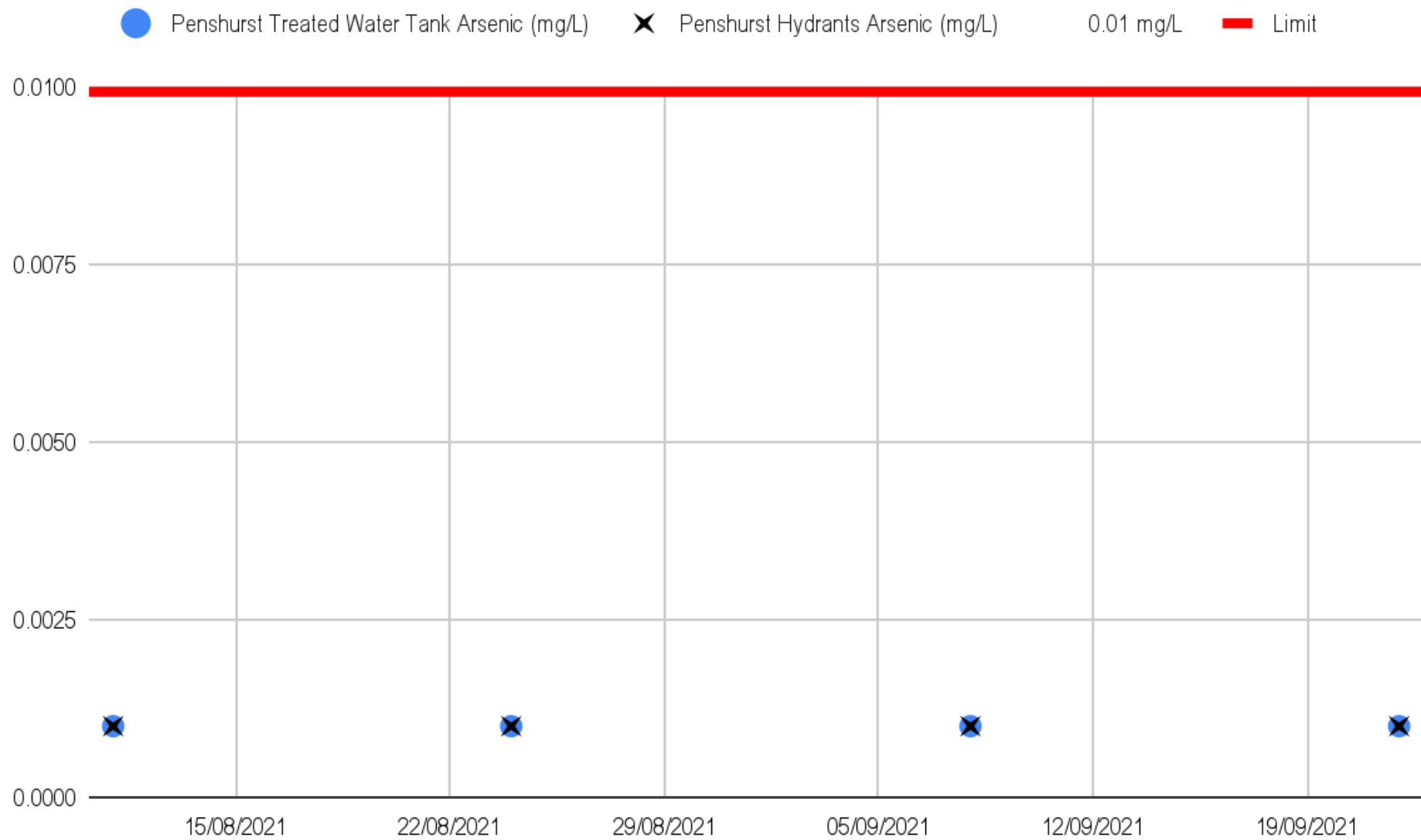


● Penshurst Treated Water Tank Trichloroacetic Acid (mg/L) ✕ Penshurst Hydrants Trichloroacetic Acid (mg/L) 0.1 mg/L — Limit

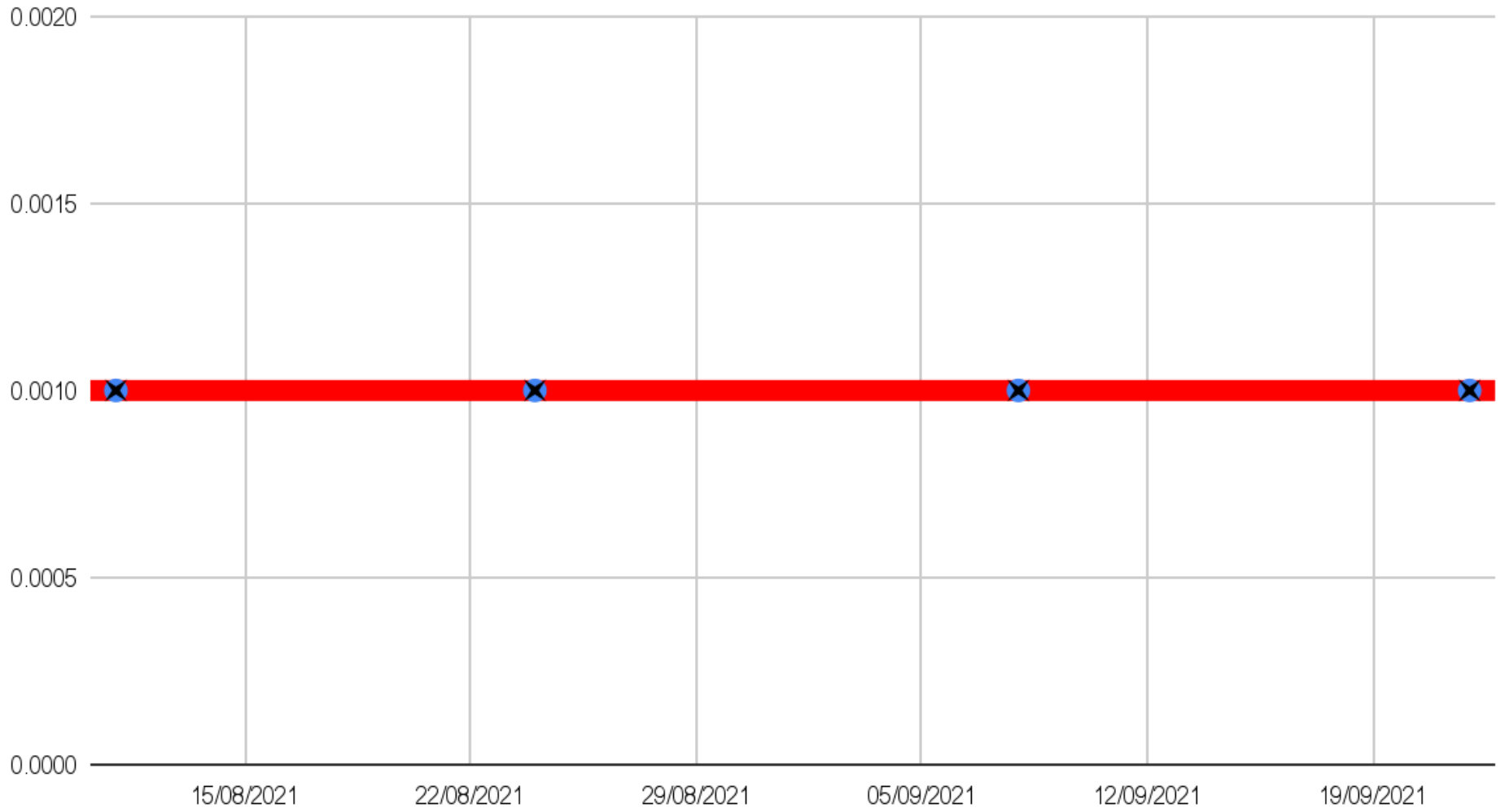


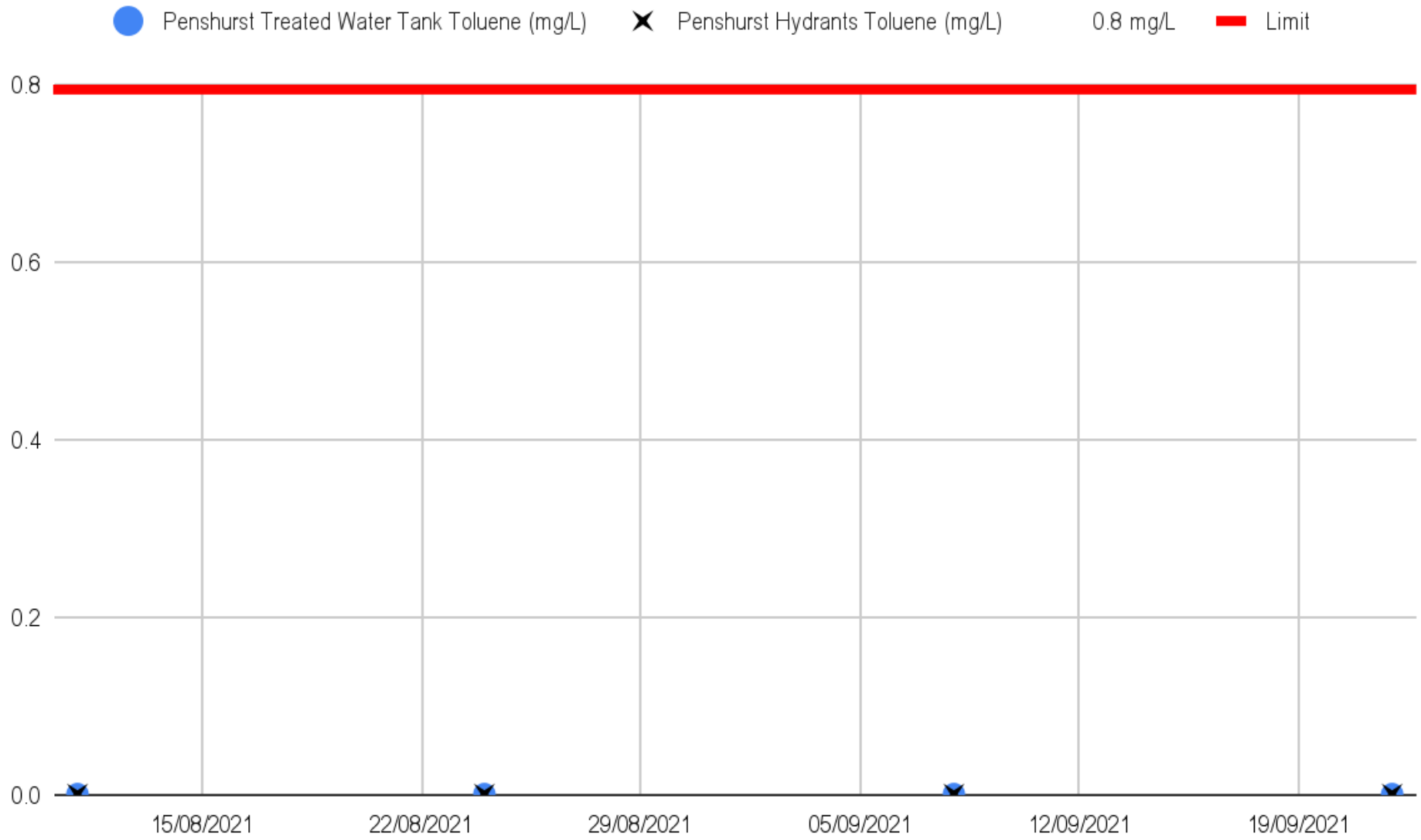
● Penshurst Treated Water Tank Acid Soluble Aluminium (mg/L) ✕ Penshurst Hydrants Acid Soluble Aluminium (mg/L) 0.2 mg/L
— Limit



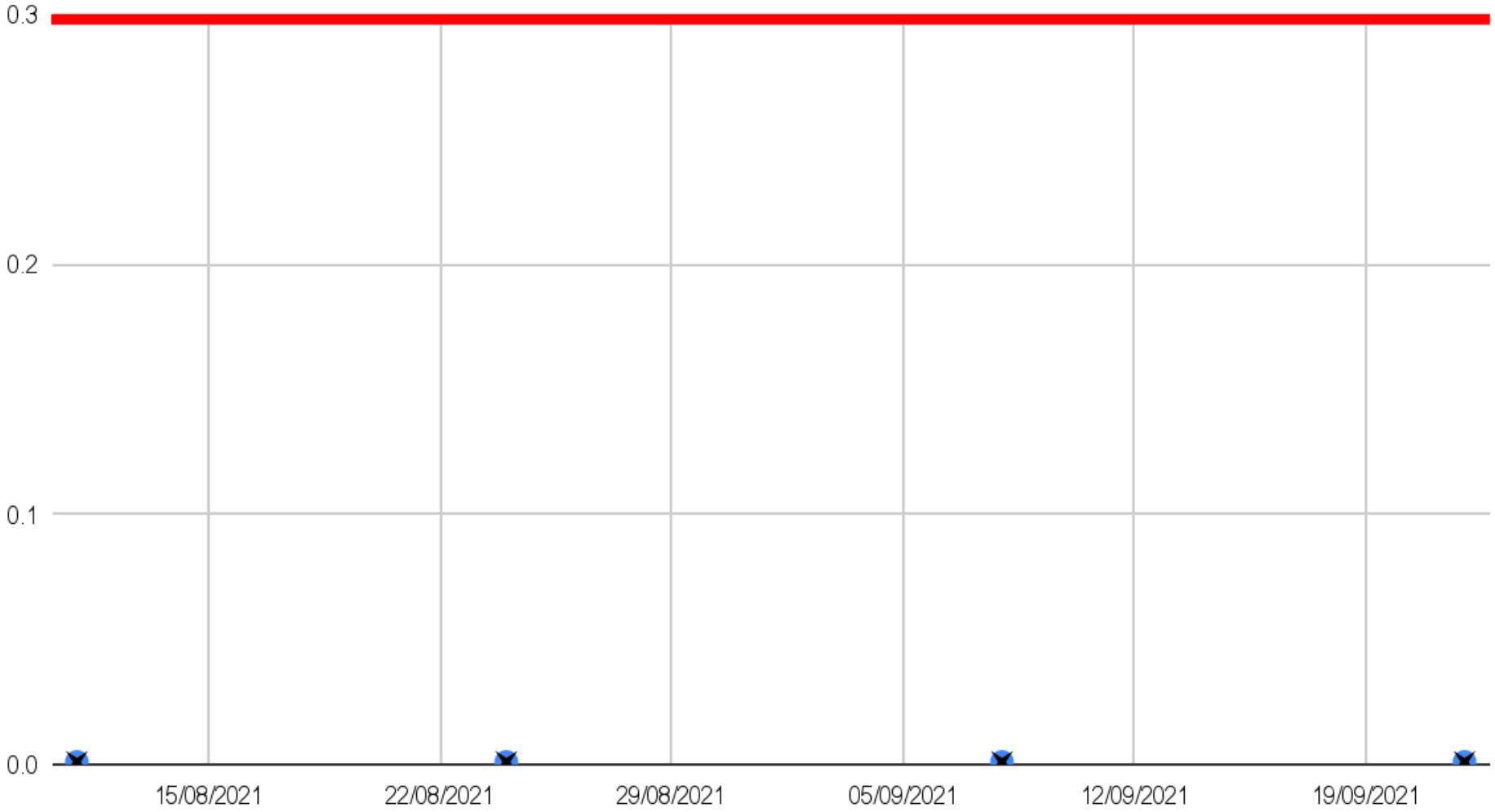


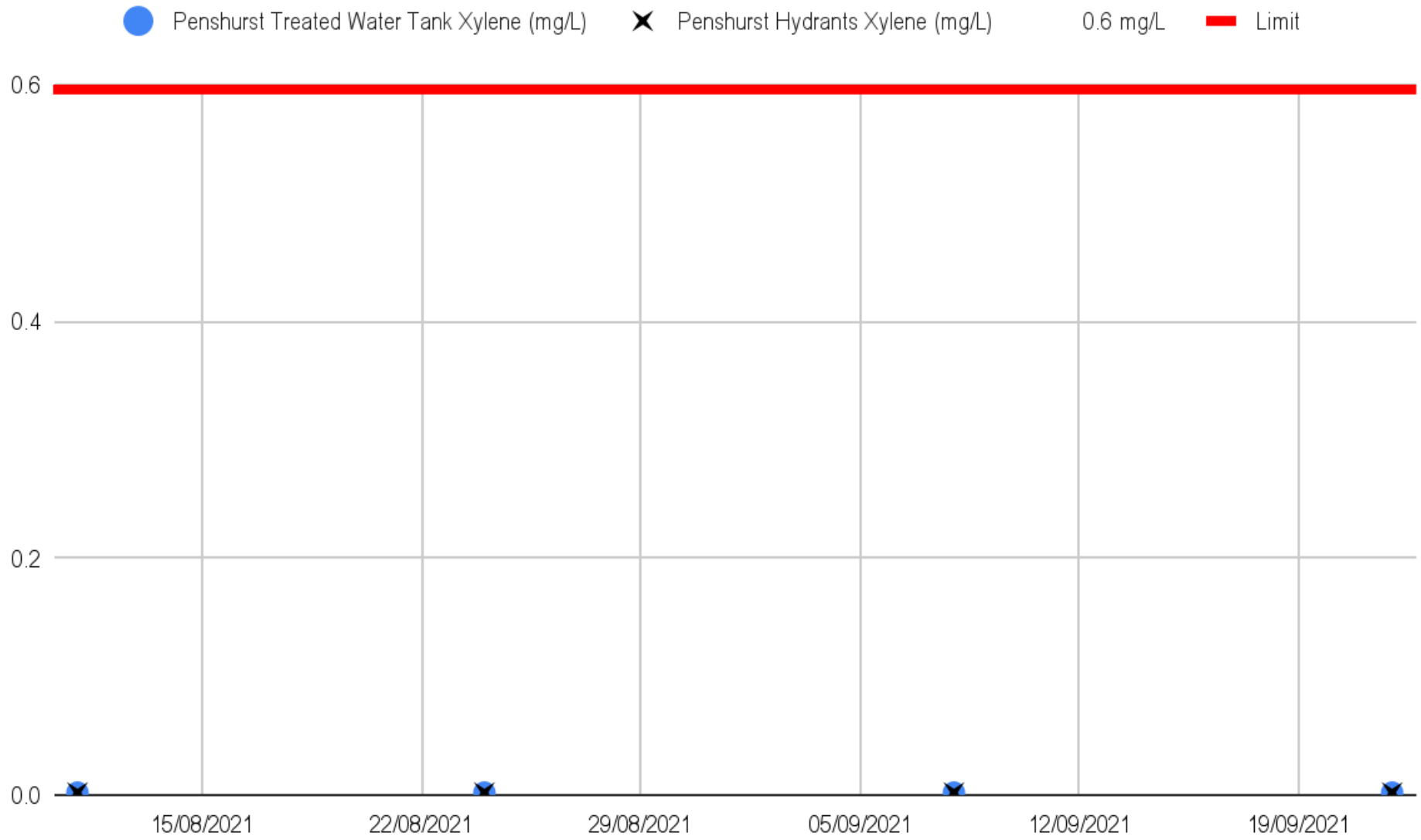
● Peshurst Treated Water Tank Benzene (mg/L) ✕ Peshurst Hydrants Benzene (mg/L) 0.001 mg/L ■ Limit



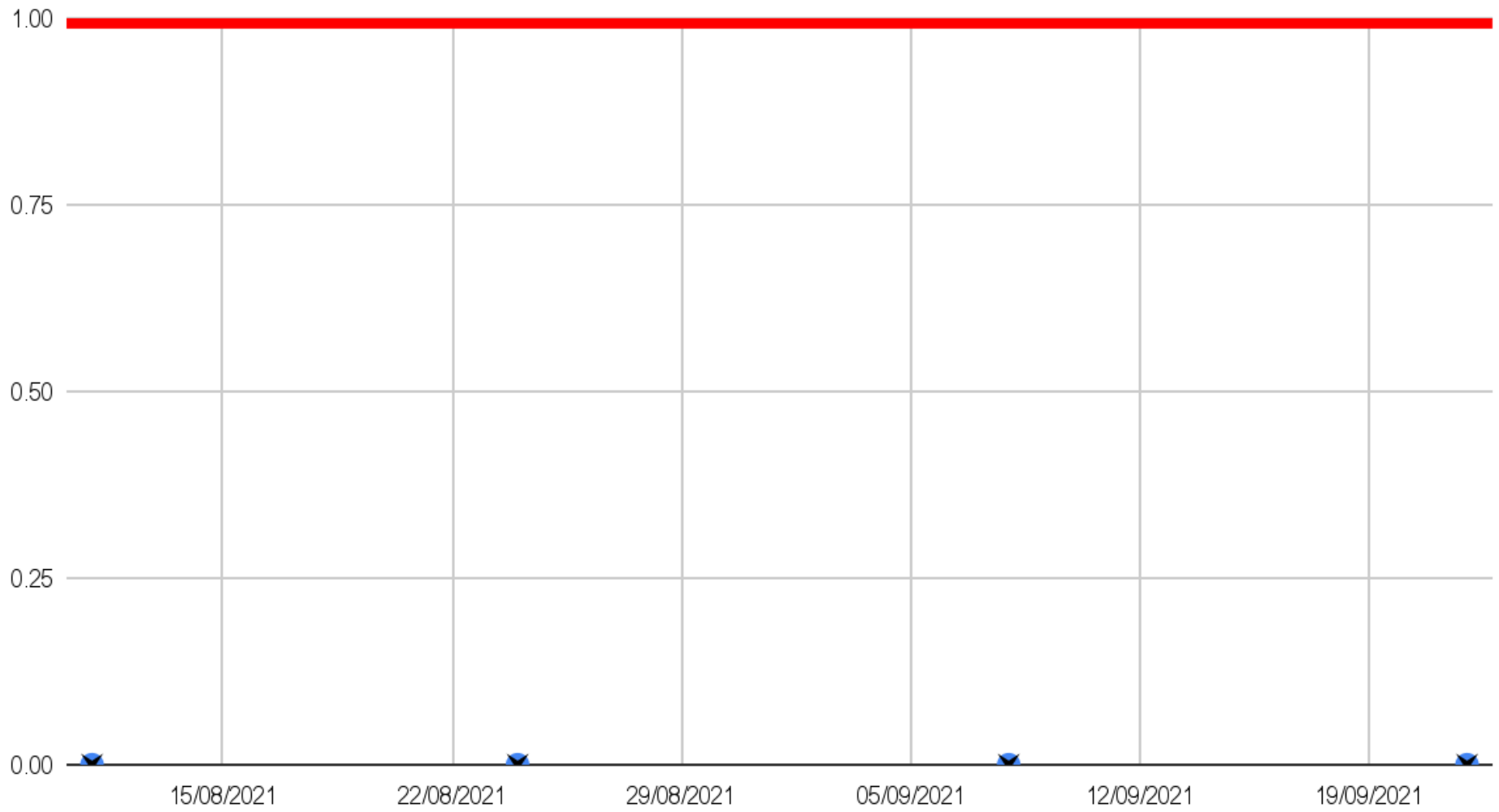


● Penshurst Treated Water Tank Ethylbenzene (mg/L) ✕ Penshurst Hydrants Ethylbenzene (mg/L) 0.3 mg/L — Limit

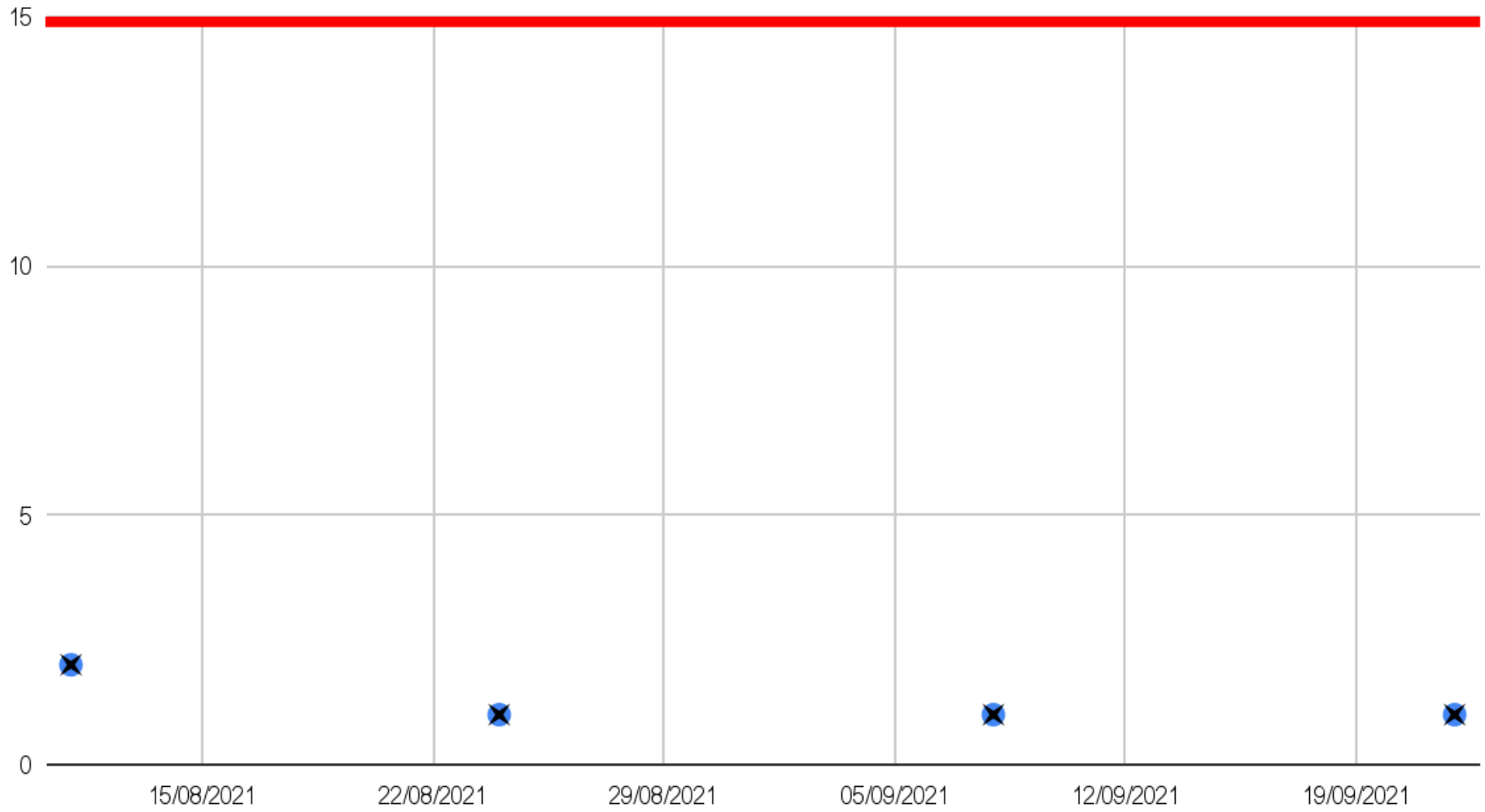


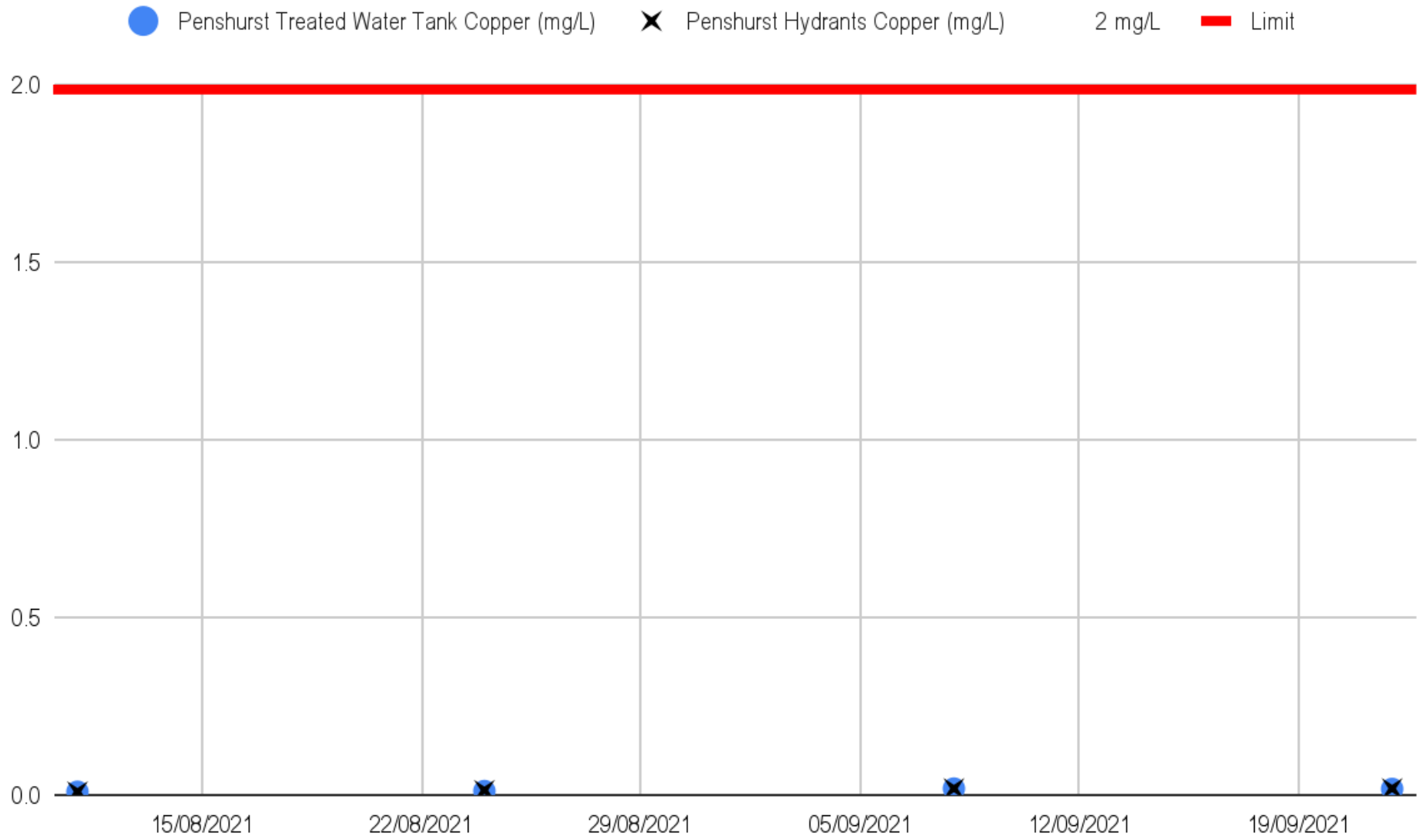


● Penshurst Treated Water Tank Coliforms (CFU/100mL) ✕ Penshurst Hydrants Coliforms (CFU/100mL) 1 cfu/100mL — Limit

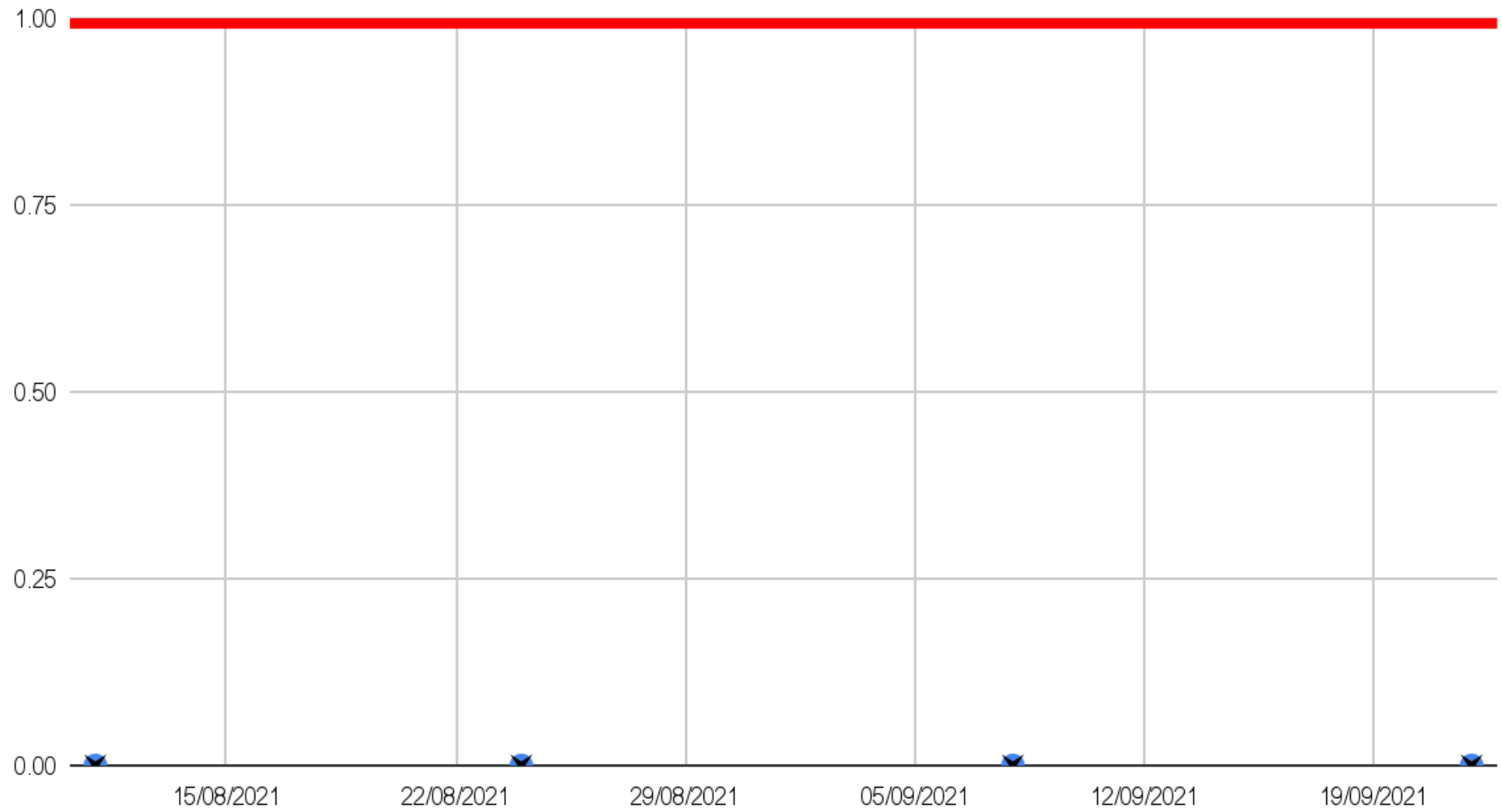


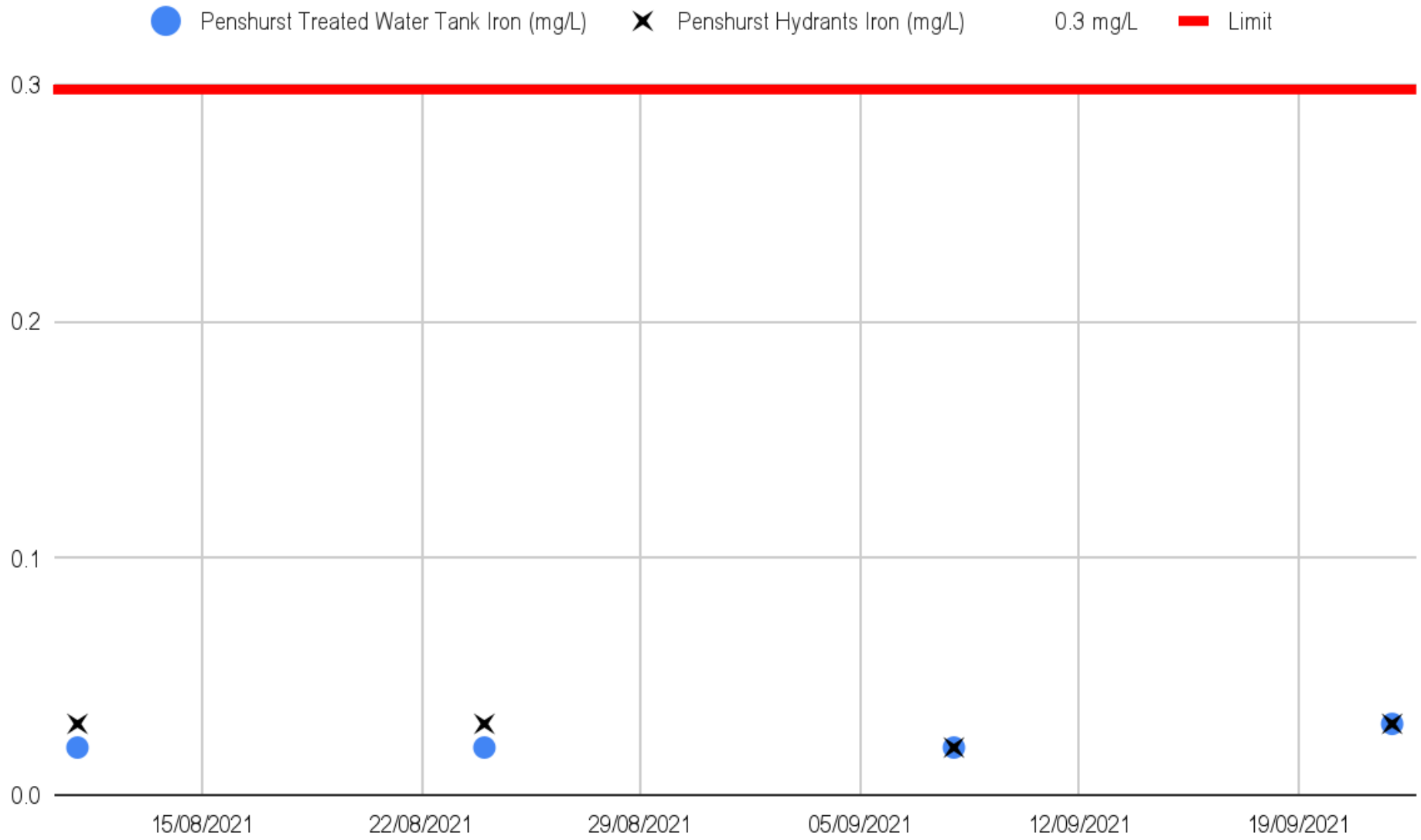
● Penshurst Treated Water Tank Colour (Pt/Co) ✕ Penshurst Hydrants Colour (Pt/Co) 15 Pt/Co — Limit



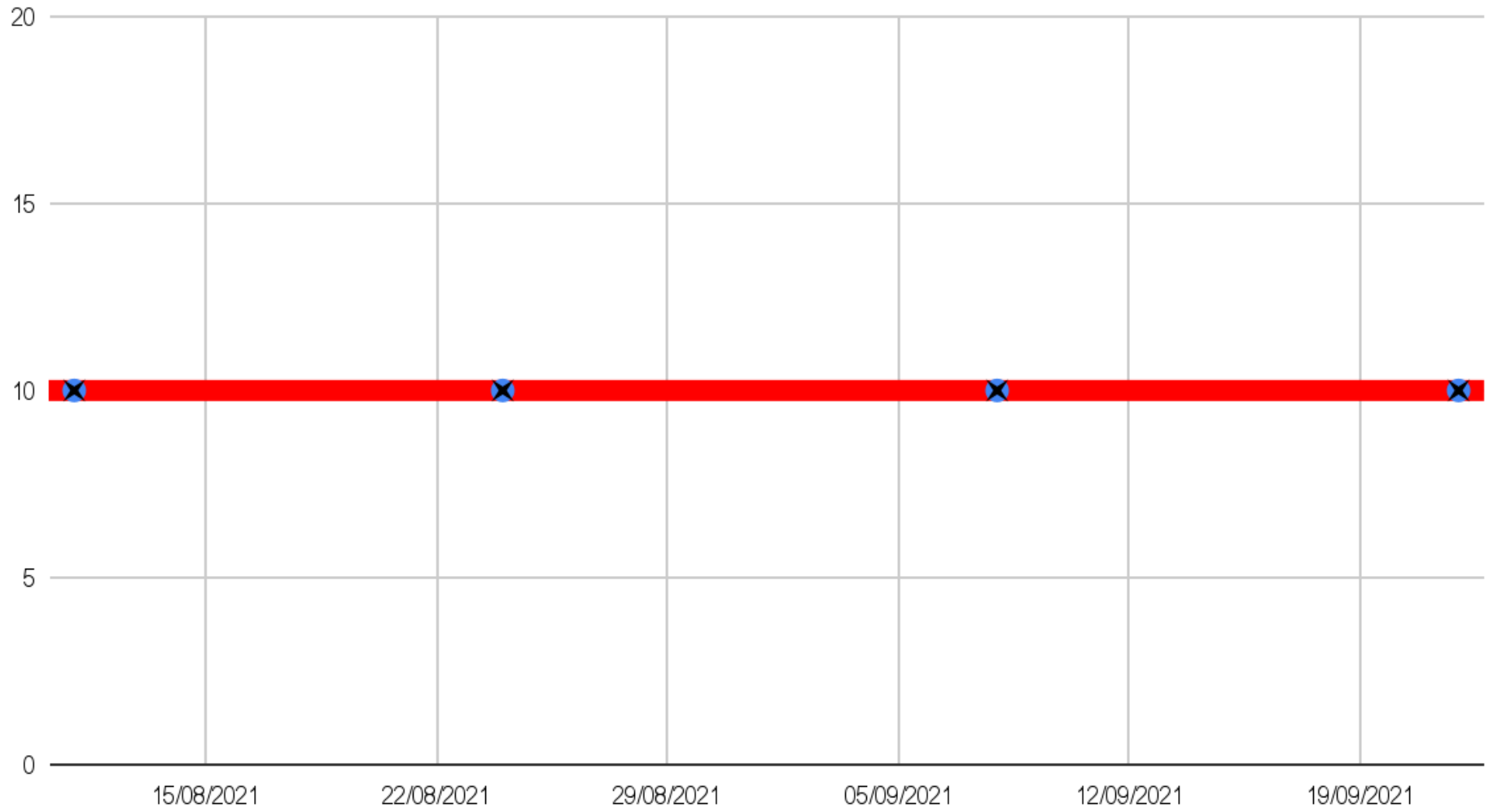


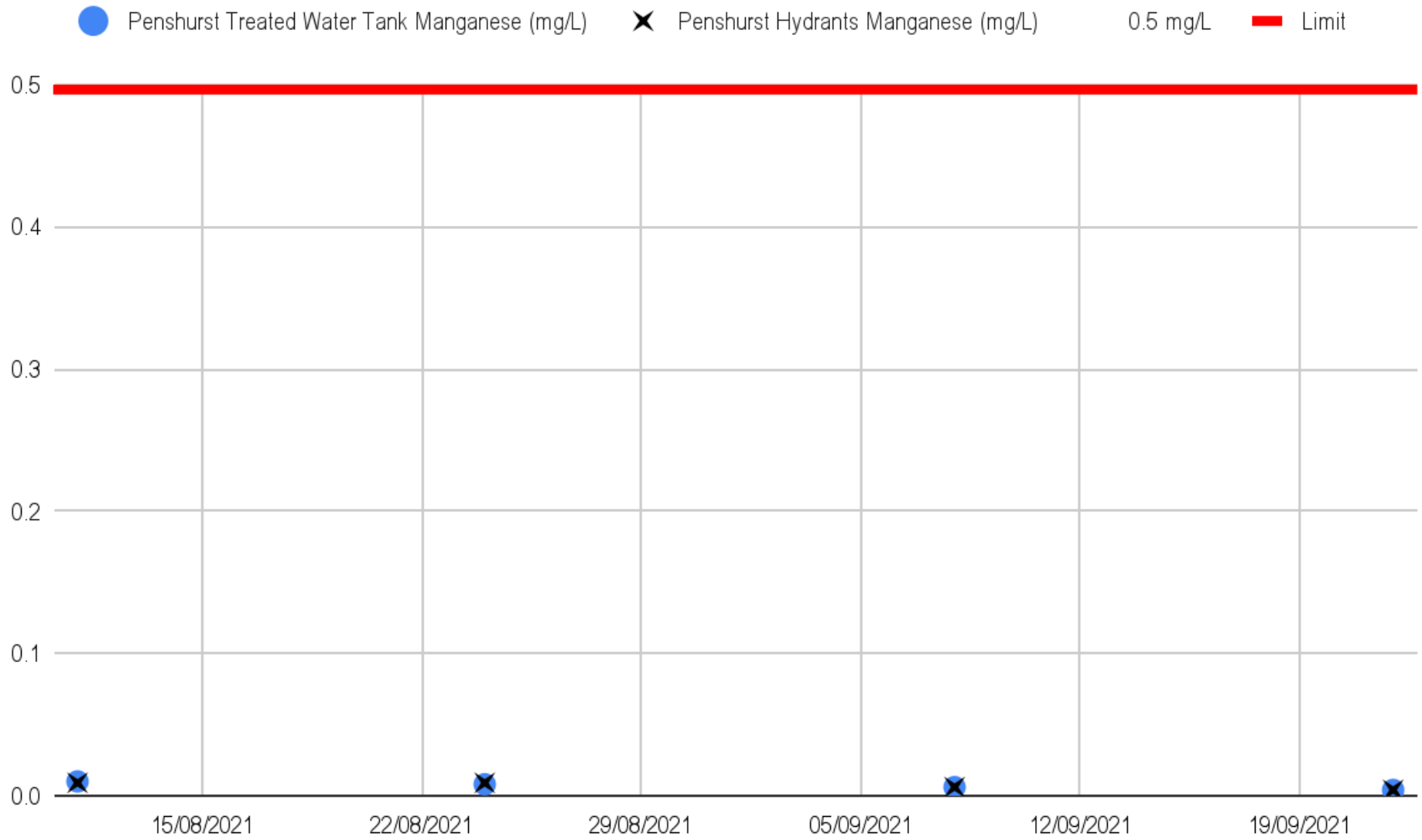
● Penshurst Treated Water Tank E.coli (CFU/100mL) ✕ Penshurst Hydrants E.coli (CFU/100mL) 1 cfu/100mL — Limit



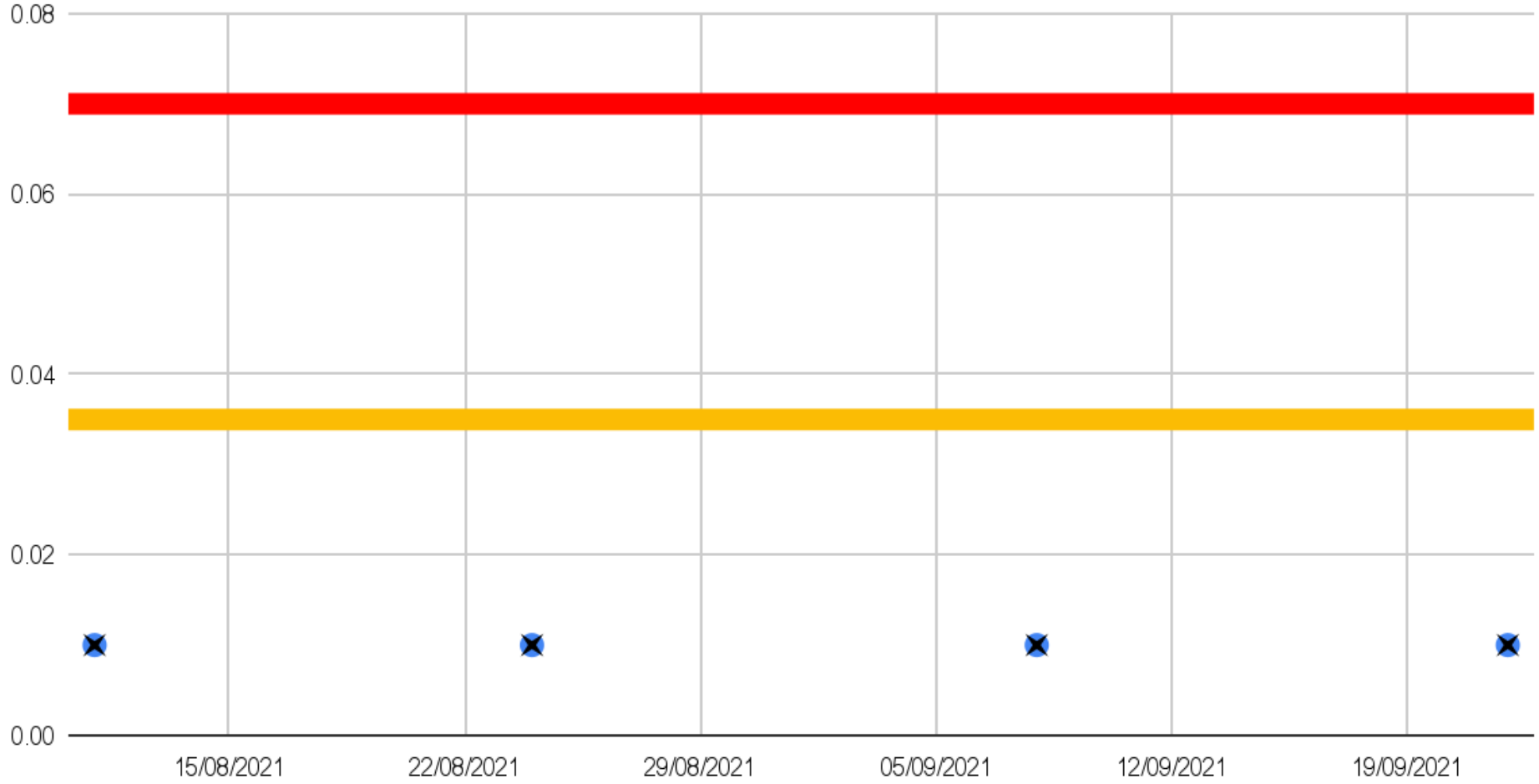


● Peshurst Treated Water Tank Legionella spp (CFU/mL) ✕ Peshurst Hydrants Legionella spp (CFU/mL) 10 cfu/mL ■ Limit

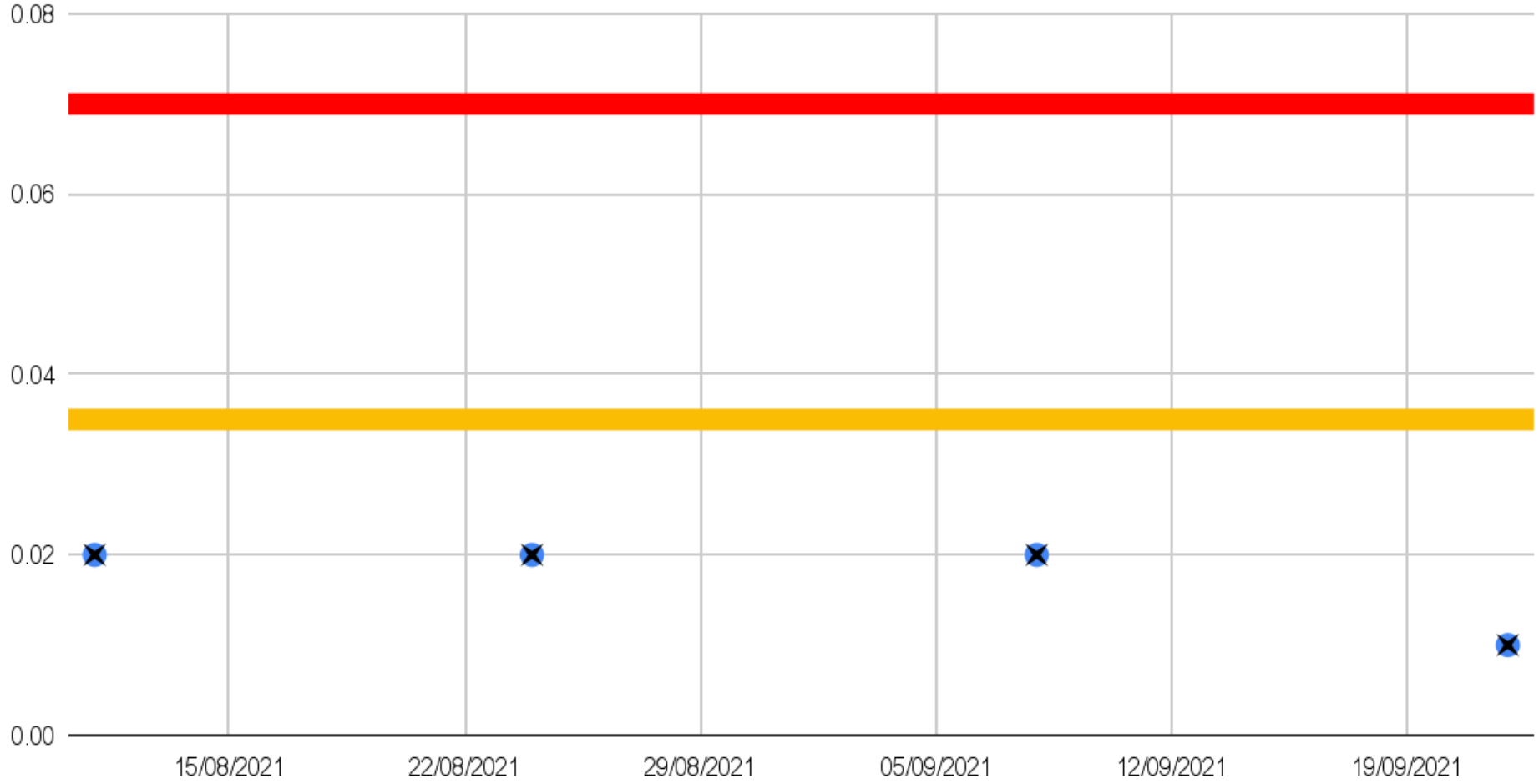




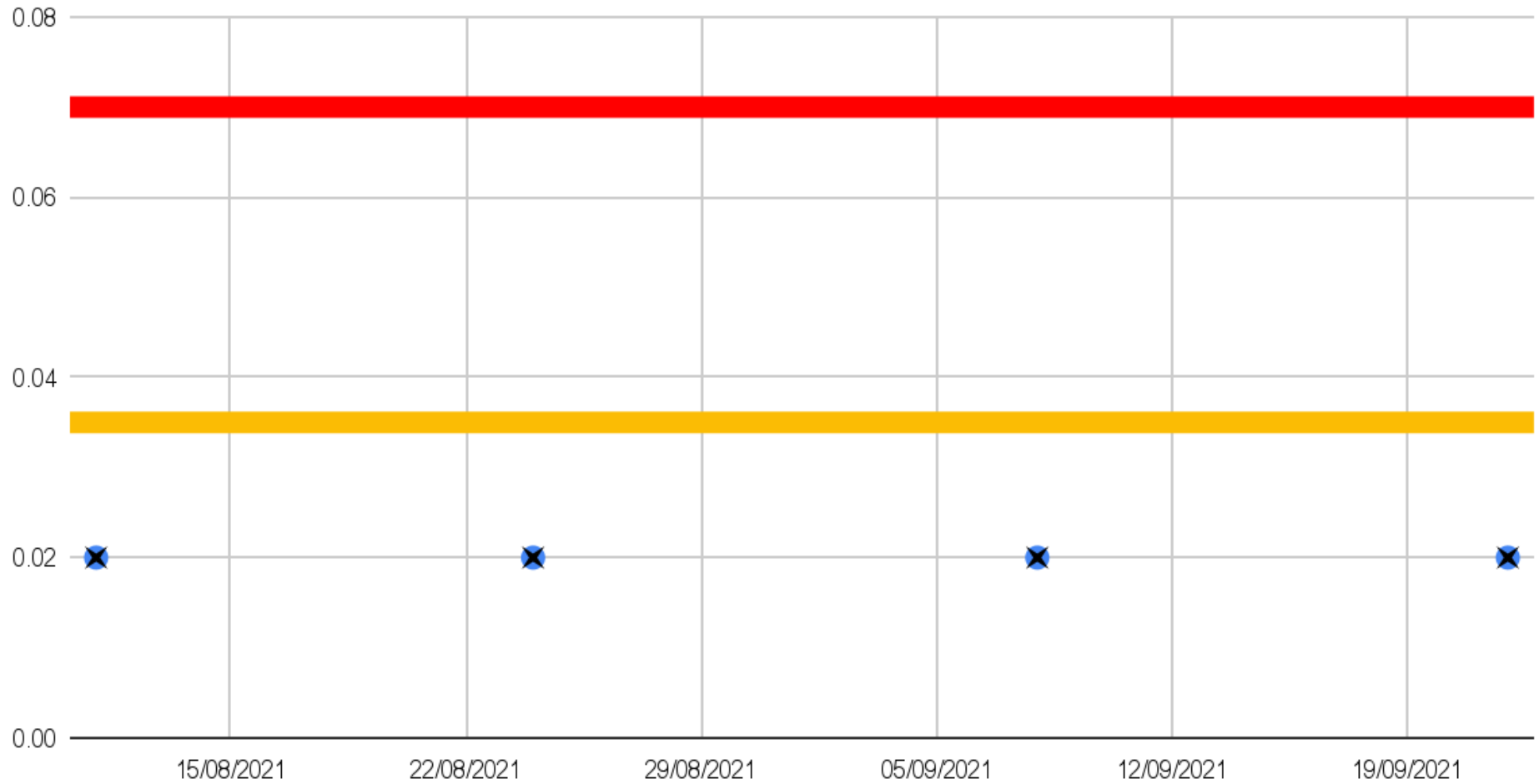
● Penshurst Treated Water Tank PFOA ($\mu\text{g/L}$) ✕ Penshurst Hydrants PFOA ($\mu\text{g/L}$) PFOA + PFOS 0.07 $\mu\text{g/L}$ Limit
PFOA 0.035 $\mu\text{g/L}$ Target



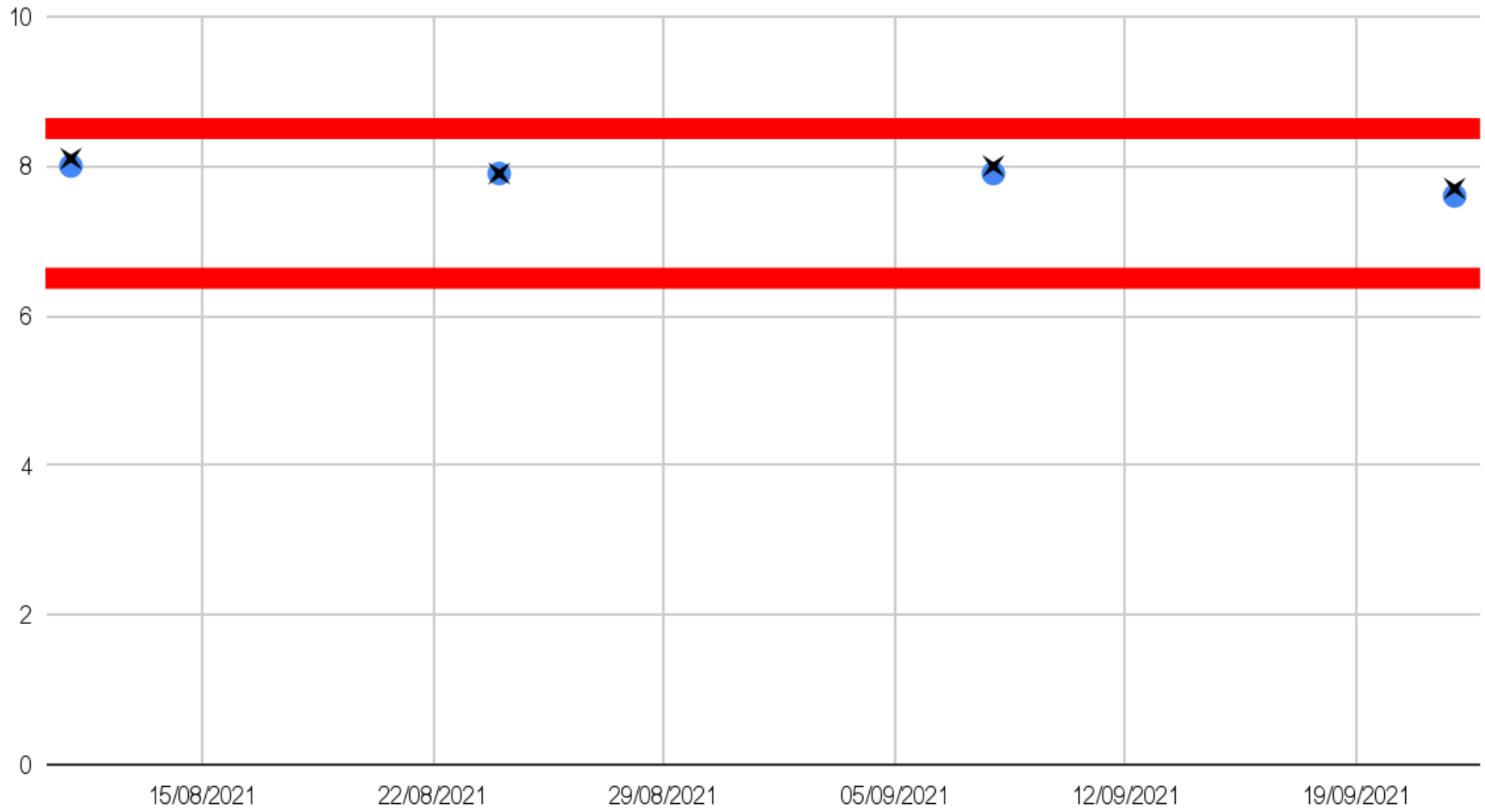
● Penshurst Treated Water Tank PFOS ($\mu\text{g/L}$) ✕ Penshurst Hydrants PFOS ($\mu\text{g/L}$) PFOA + PFOS $0.07 \mu\text{g/L}$ ■ Limit
PFOS $0.035 \mu\text{g/L}$ ■ Target

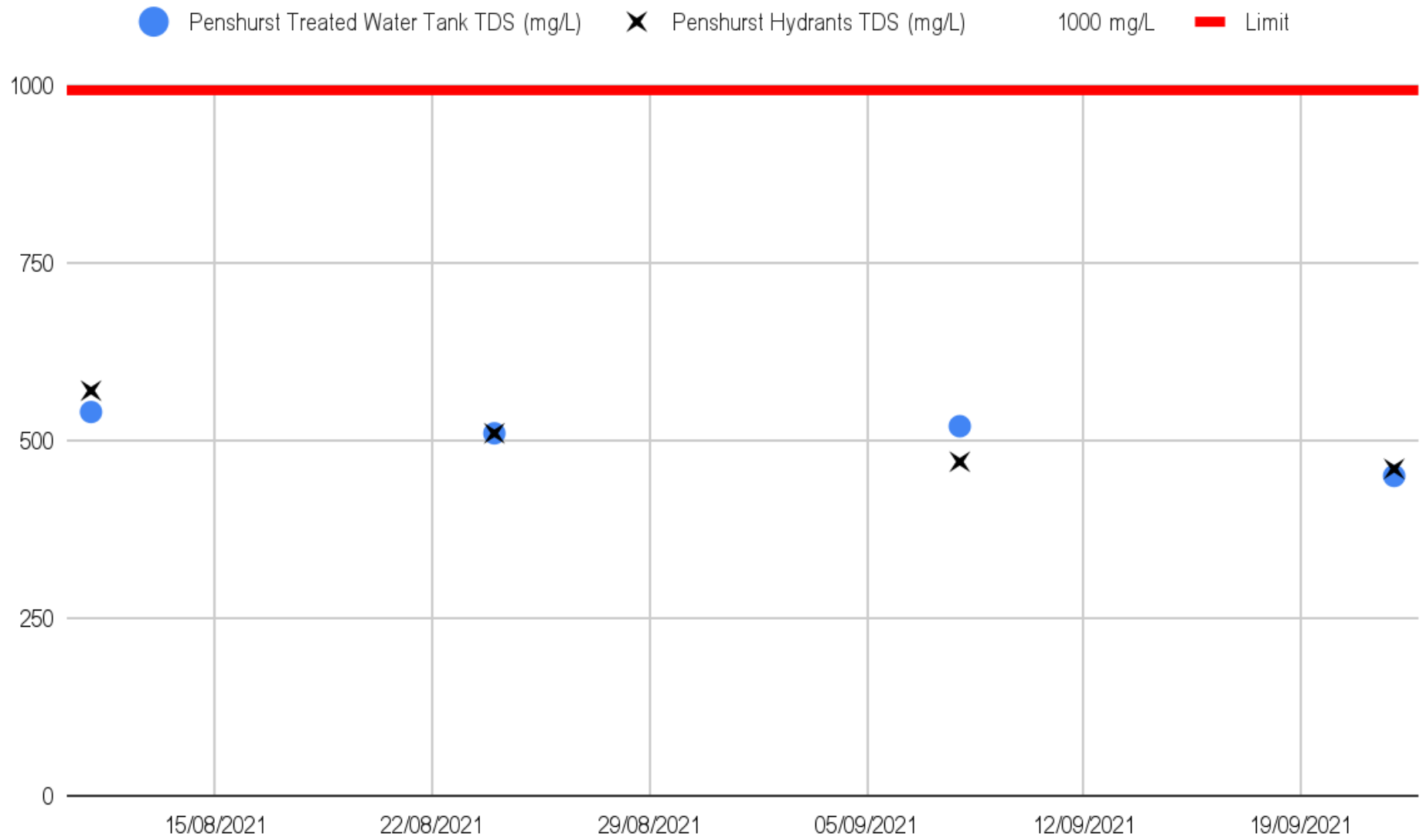


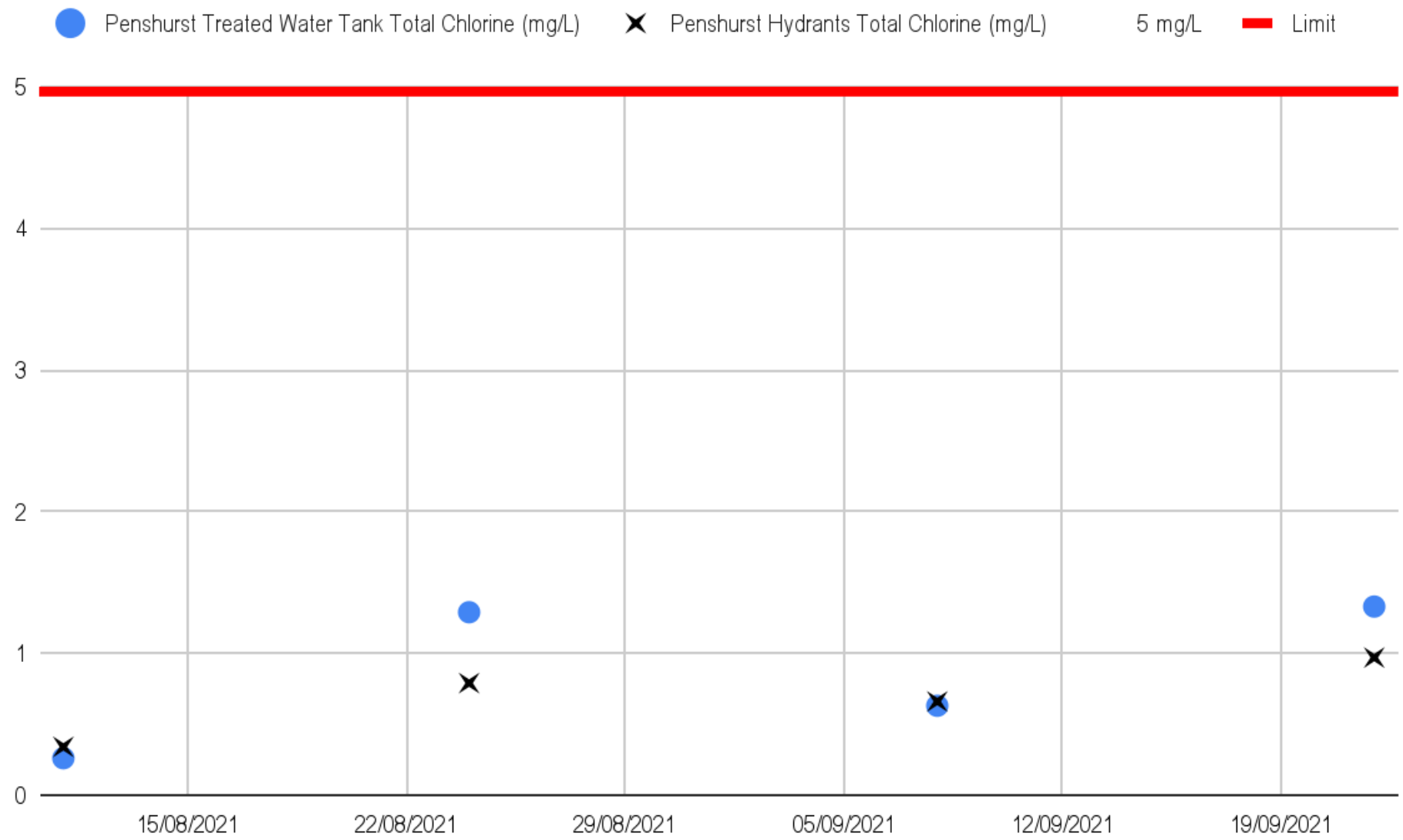
● Peshurst Treated Water Tank PFHxS ($\mu\text{g/L}$) ✕ Peshurst Hydrants PFHxS ($\mu\text{g/L}$) PFOS + PFHxS $\mu\text{g/L}$ ■ Limit
PFHxS $\mu\text{g/L}$ ■ Target

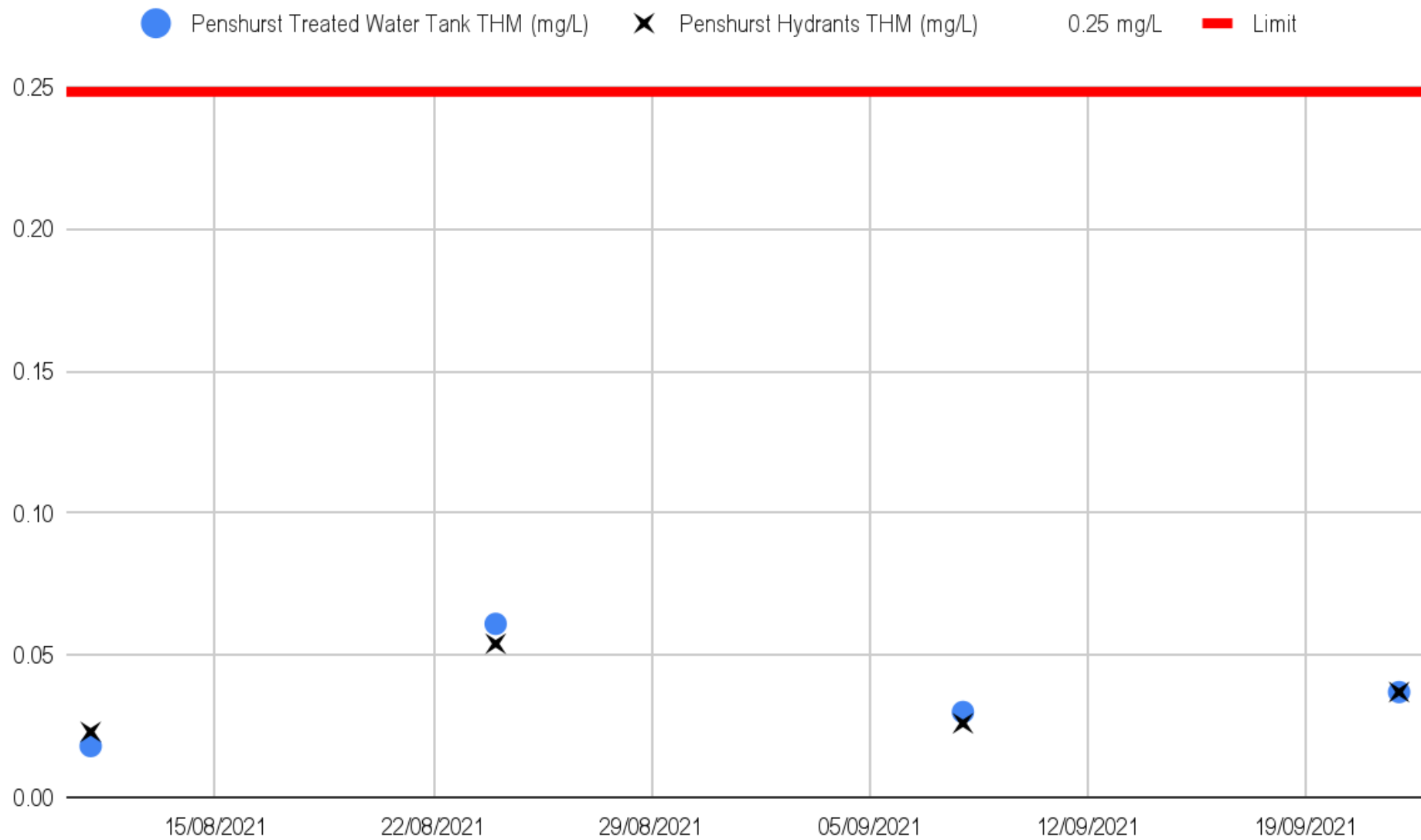


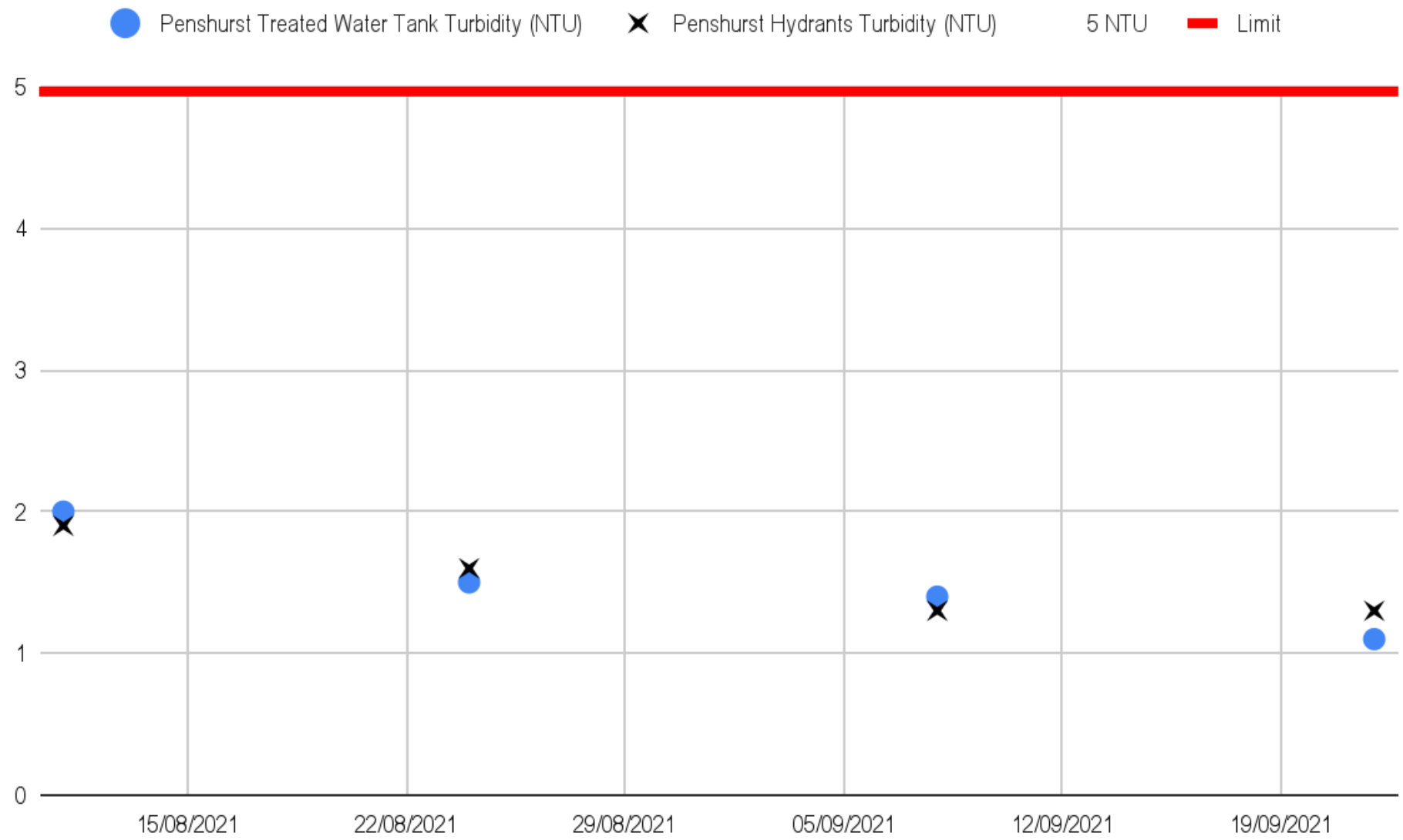
● Penshurst Treated Water Tank pH (-) ✕ Penshurst Hydrants pH (-) 6.5 — Limit 8.5 — Limit



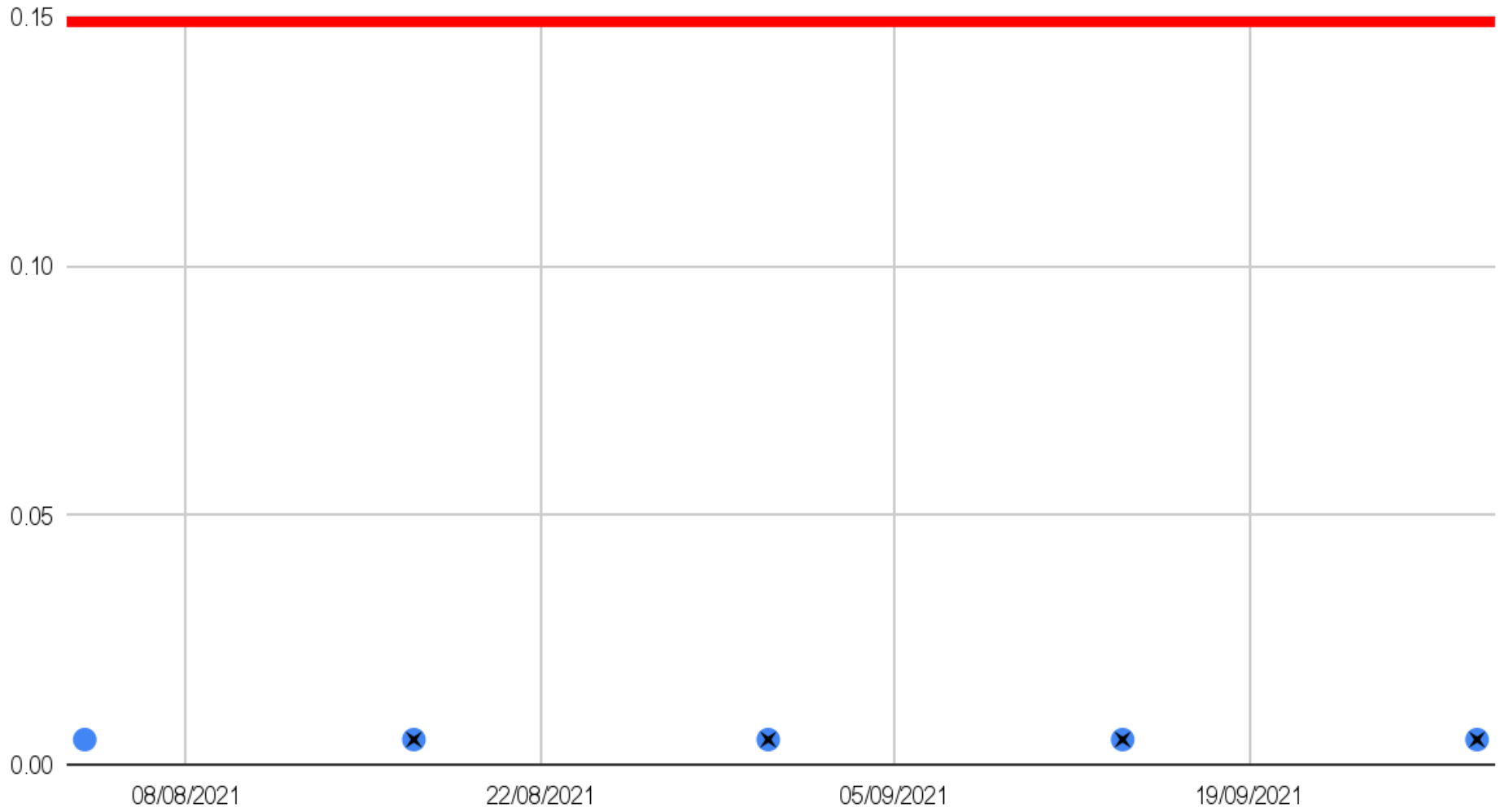




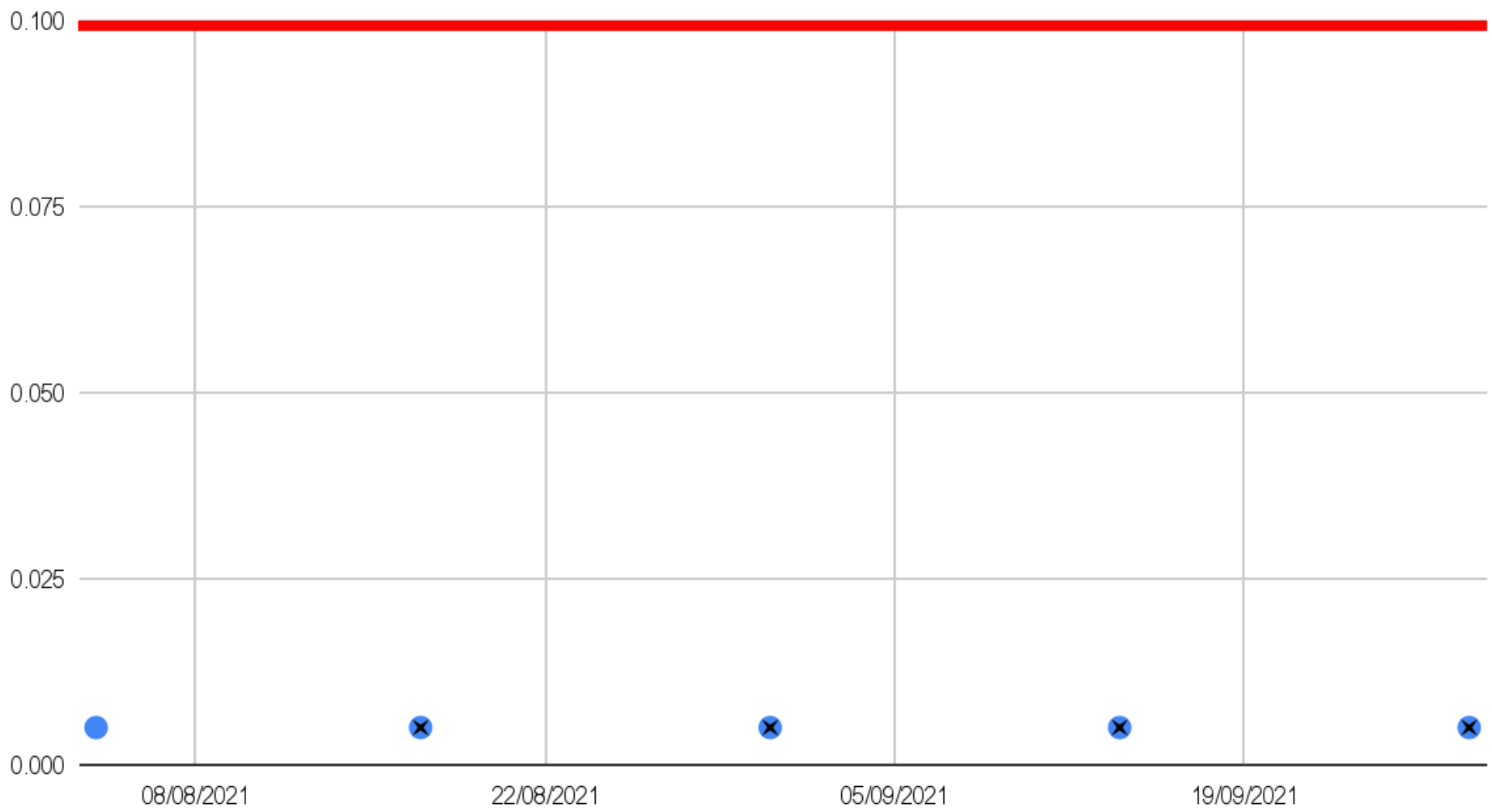


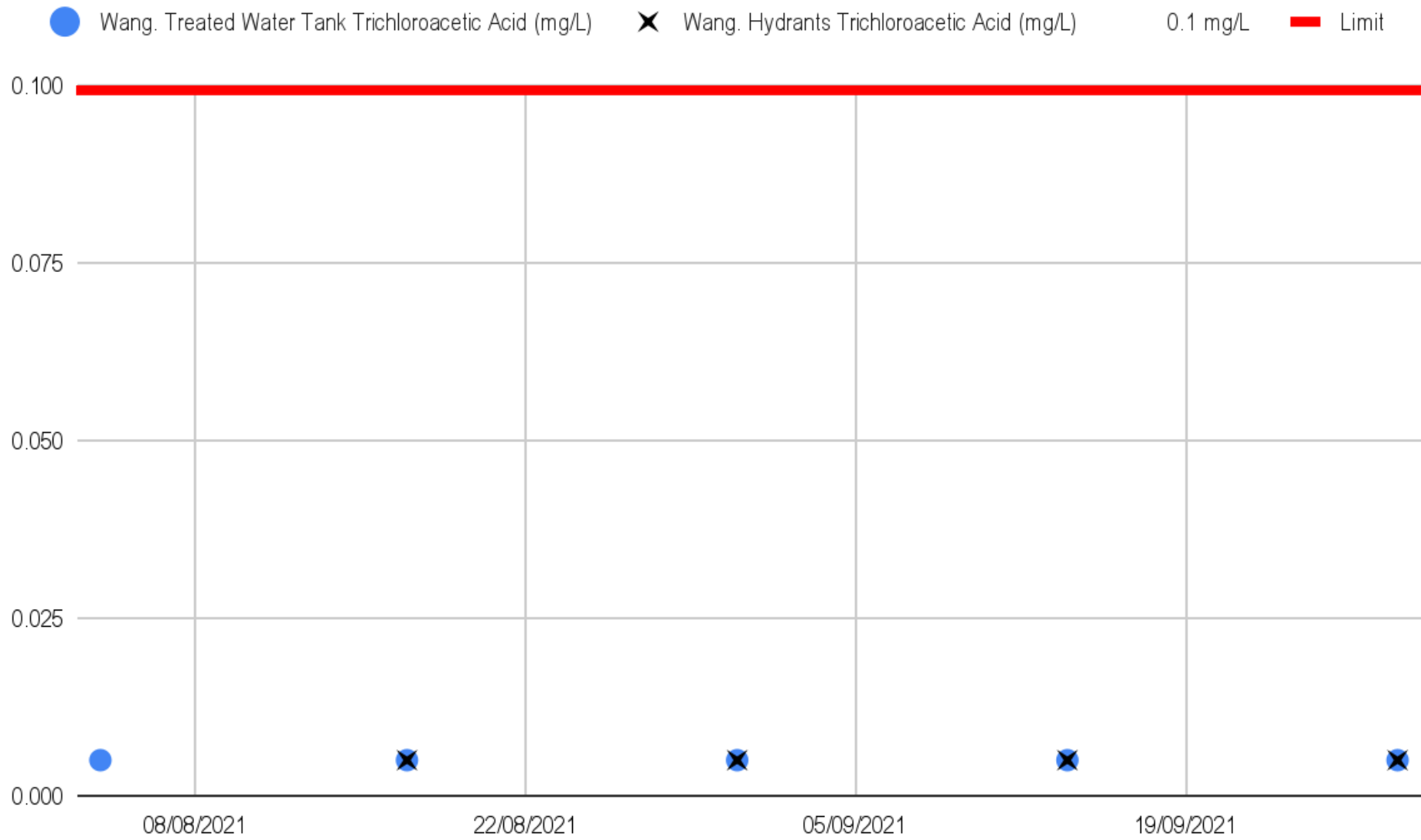


● Wang. Treated Water Tank Chloroacetic Acid (mg/L) ✕ Wang. Hydrants Chloroacetic Acid (mg/L) 0.15 mg/L — Limit

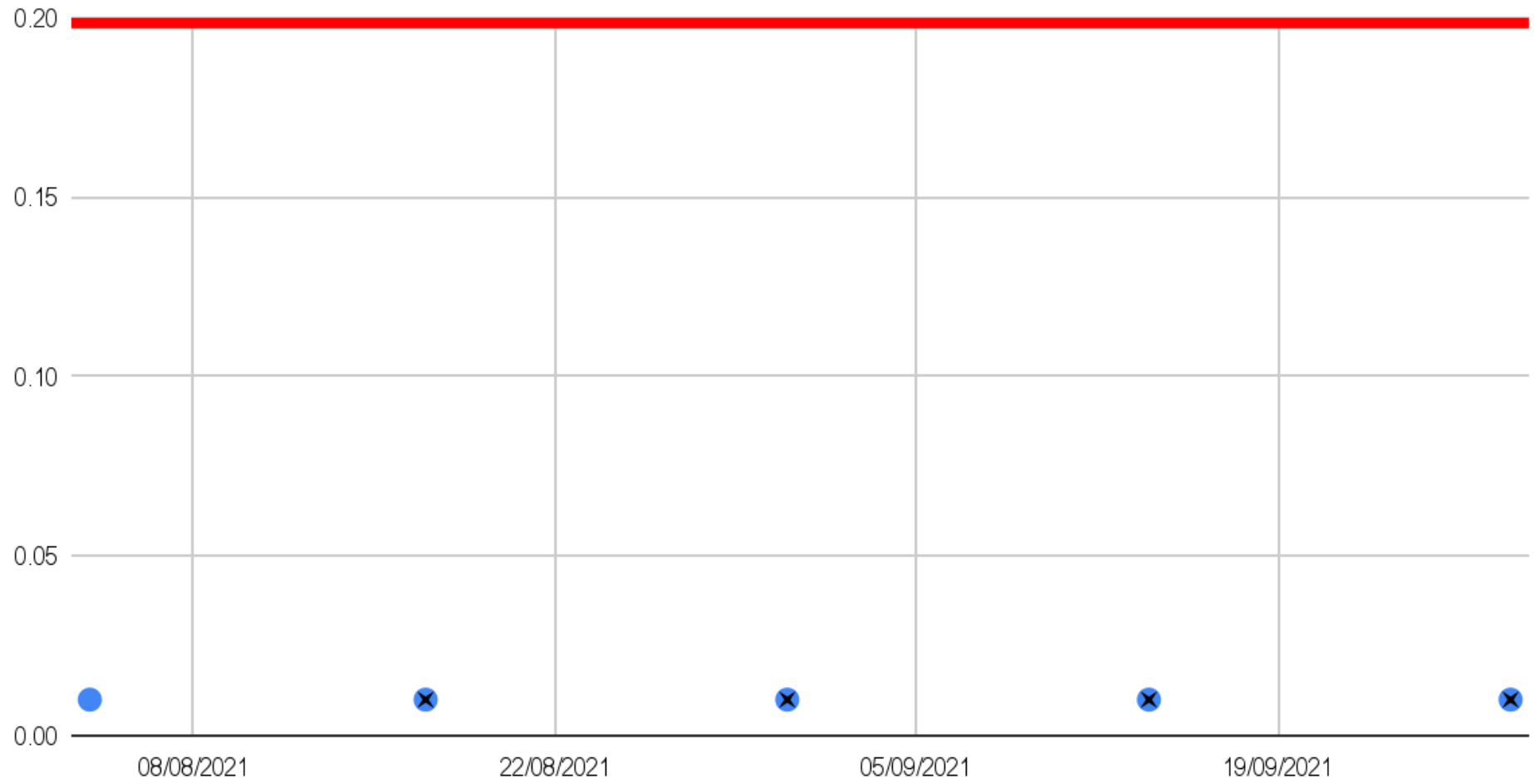


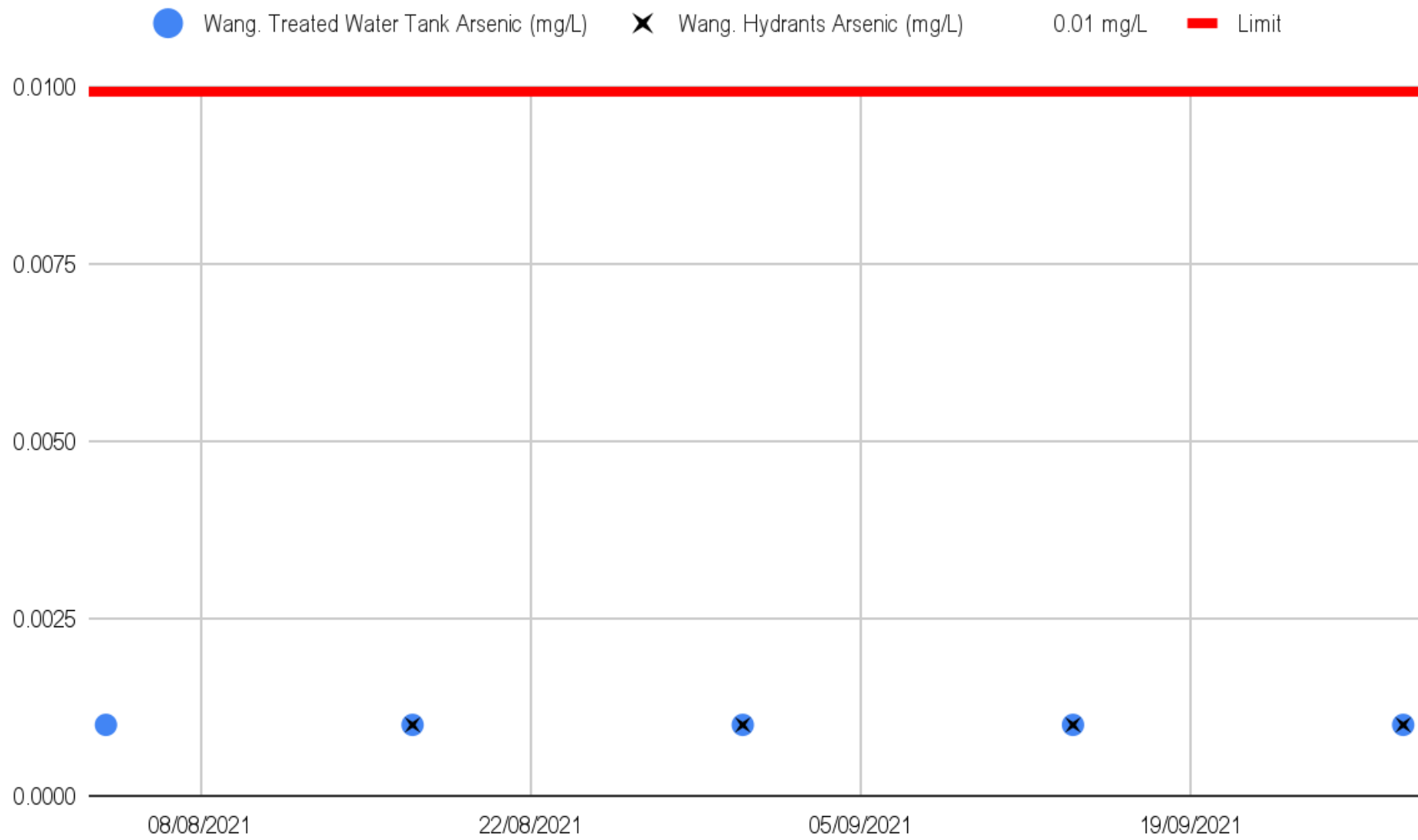
● Wang. Treated Water Tank Dichloroacetic Acid (mg/L) ✕ Wang. Hydrants Dichloroacetic Acid (mg/L) 0.1 mg/L — Limit



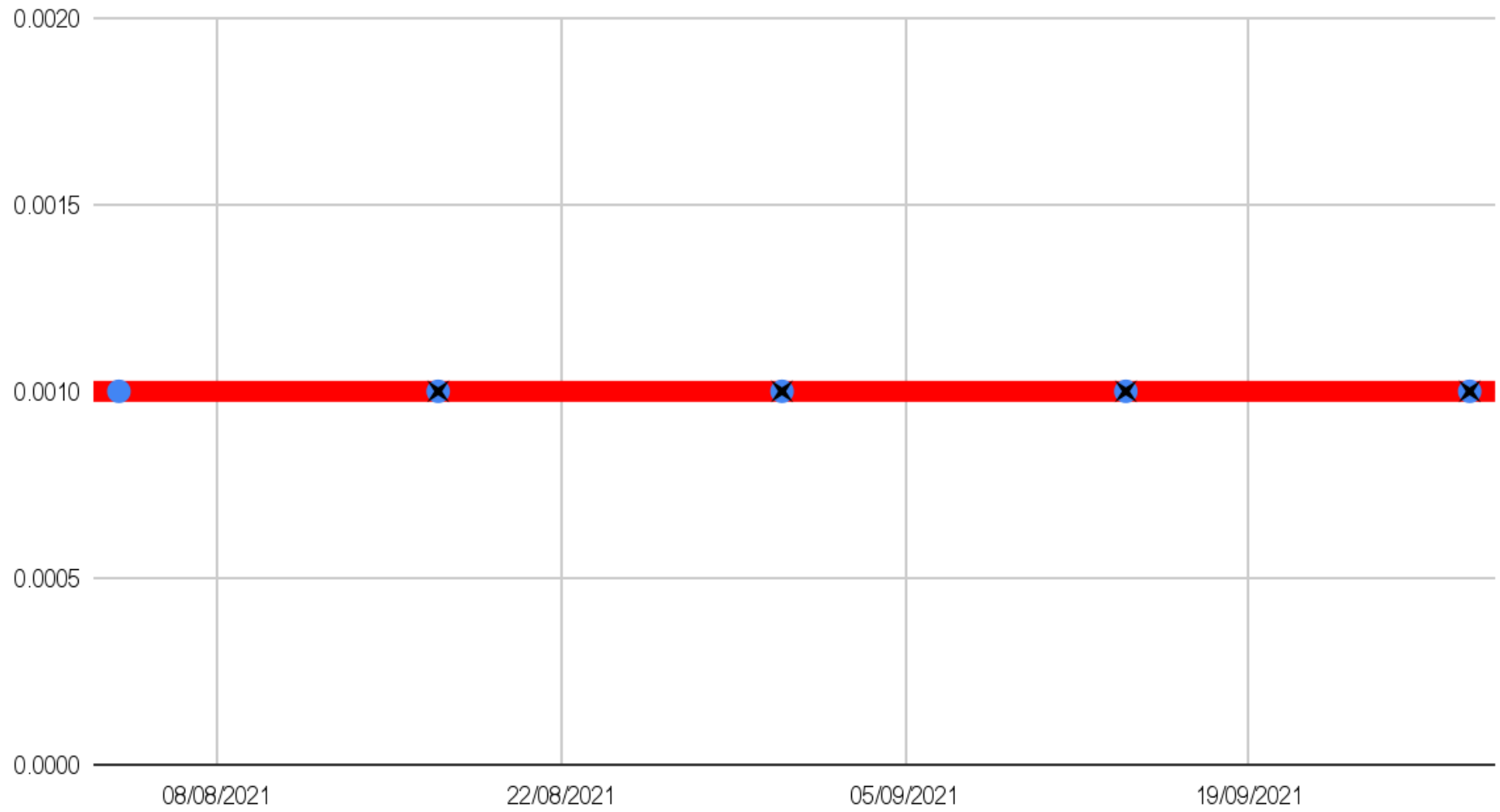


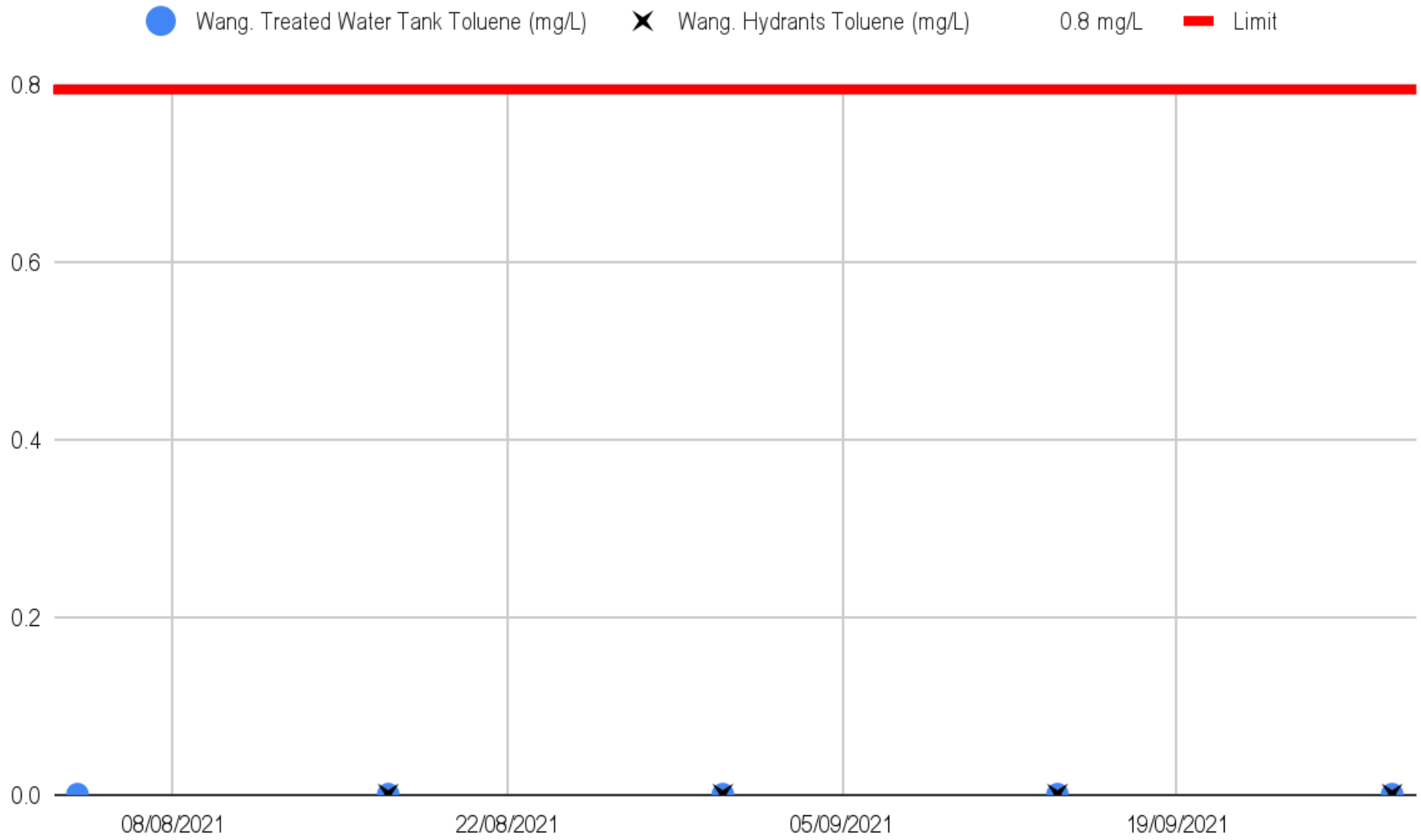
● Wang. Treated Water Tank Acid Soluble Aluminium (mg/L) ✕ Wang. Hydrants Acid Soluble Aluminium (mg/L) 0.2 mg/L
— Limit

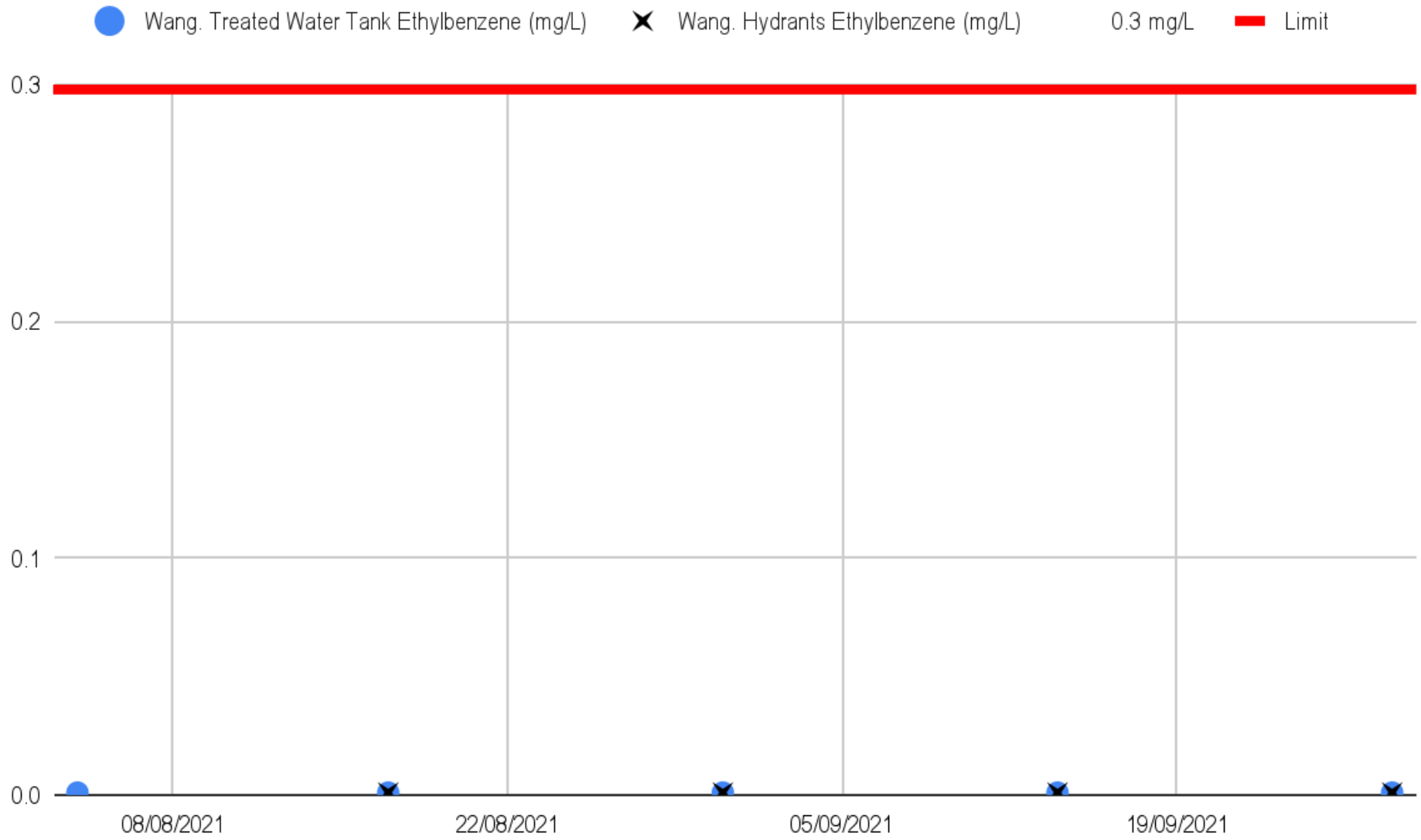


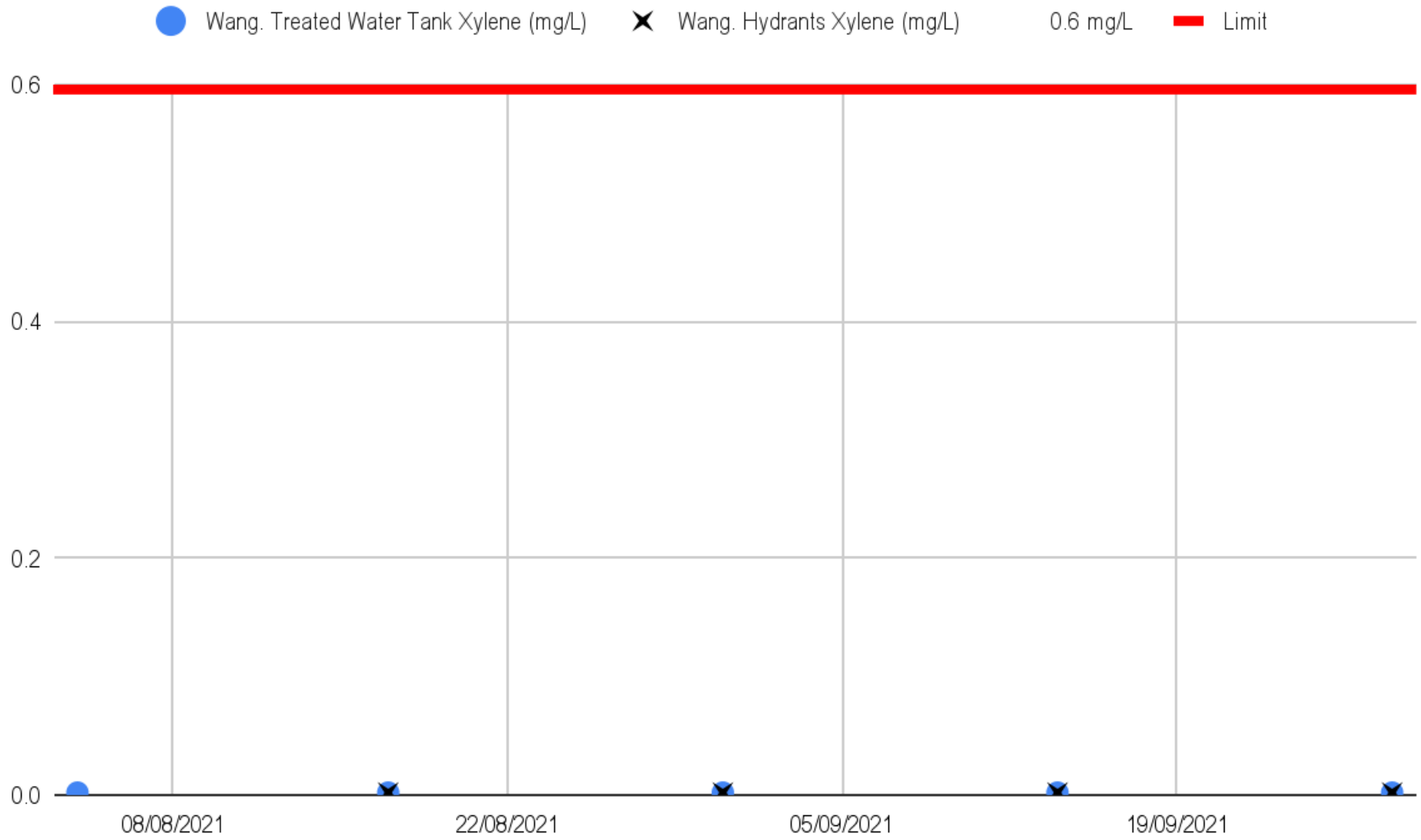


● Wang. Treated Water Tank Benzene (mg/L) ✕ Wang. Hydrants Benzene (mg/L) 0.001 mg/L — Limit

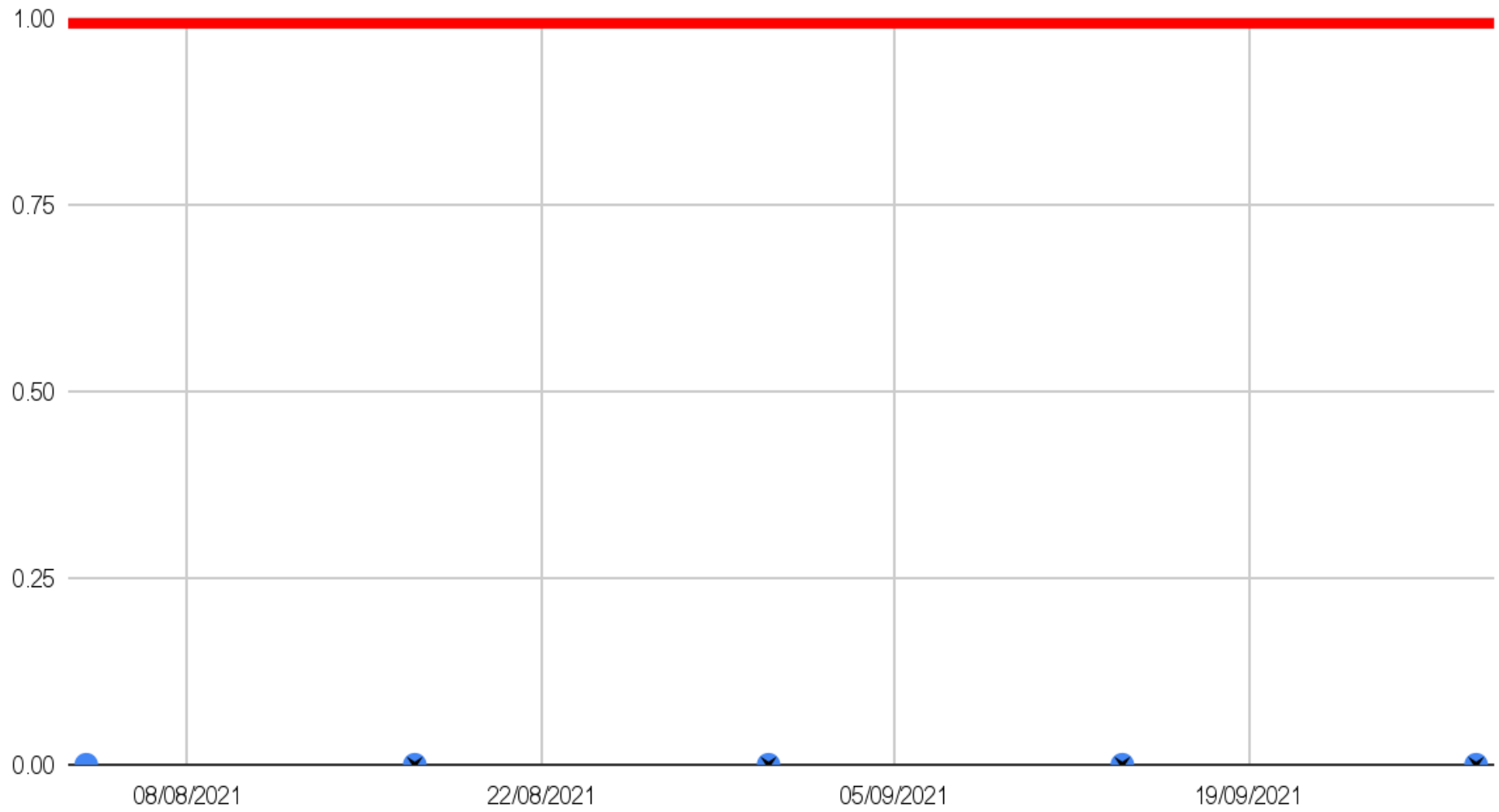


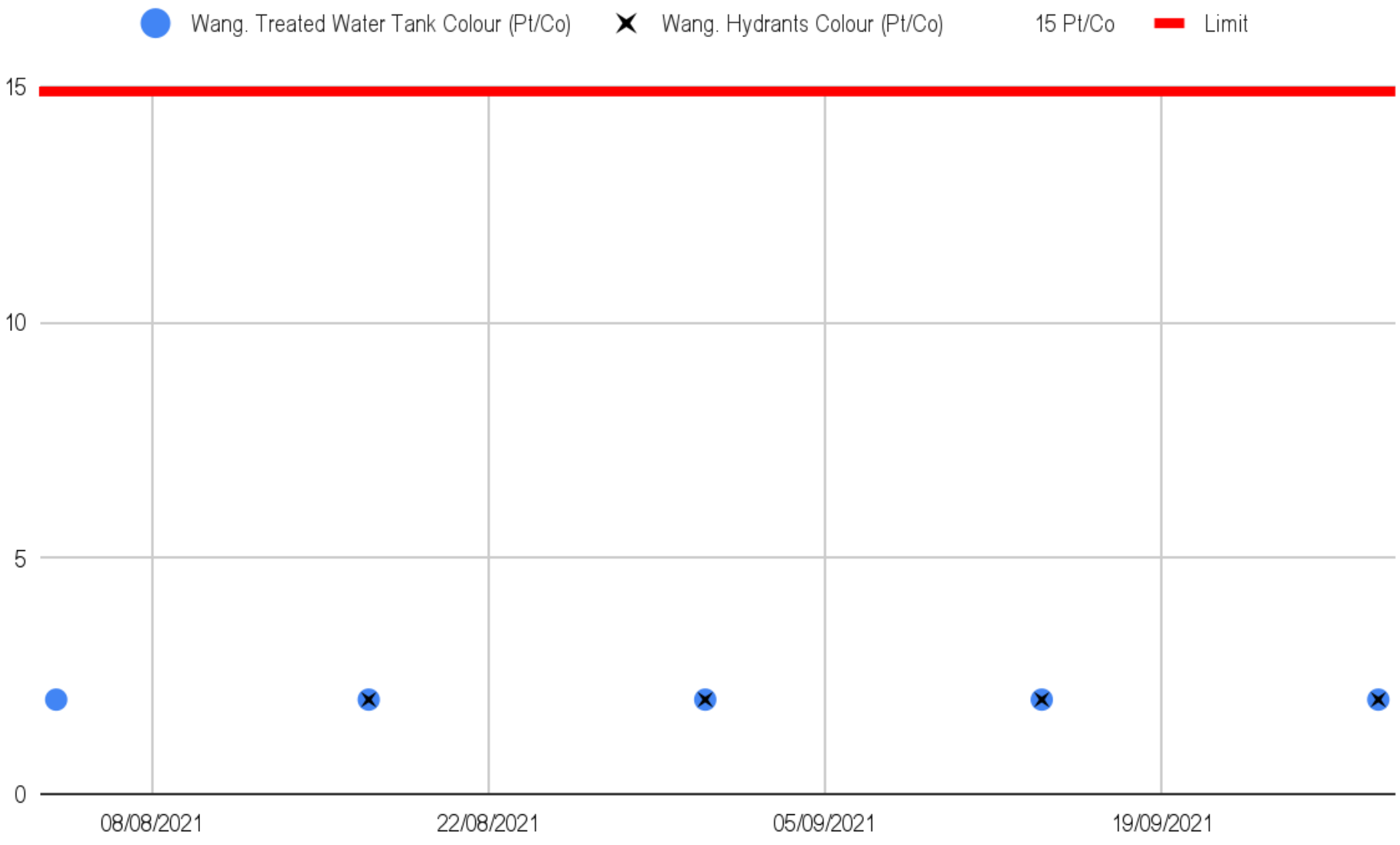


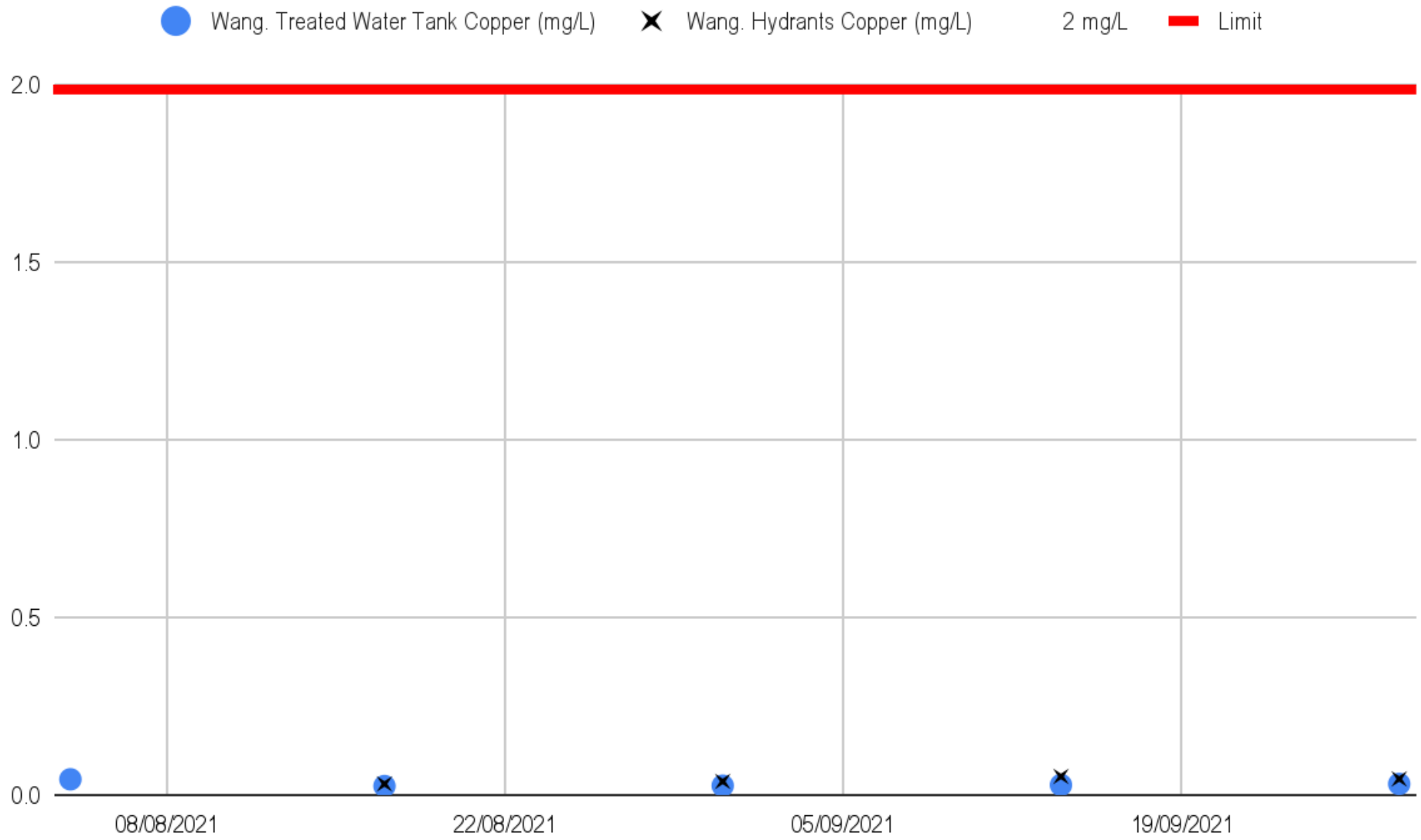




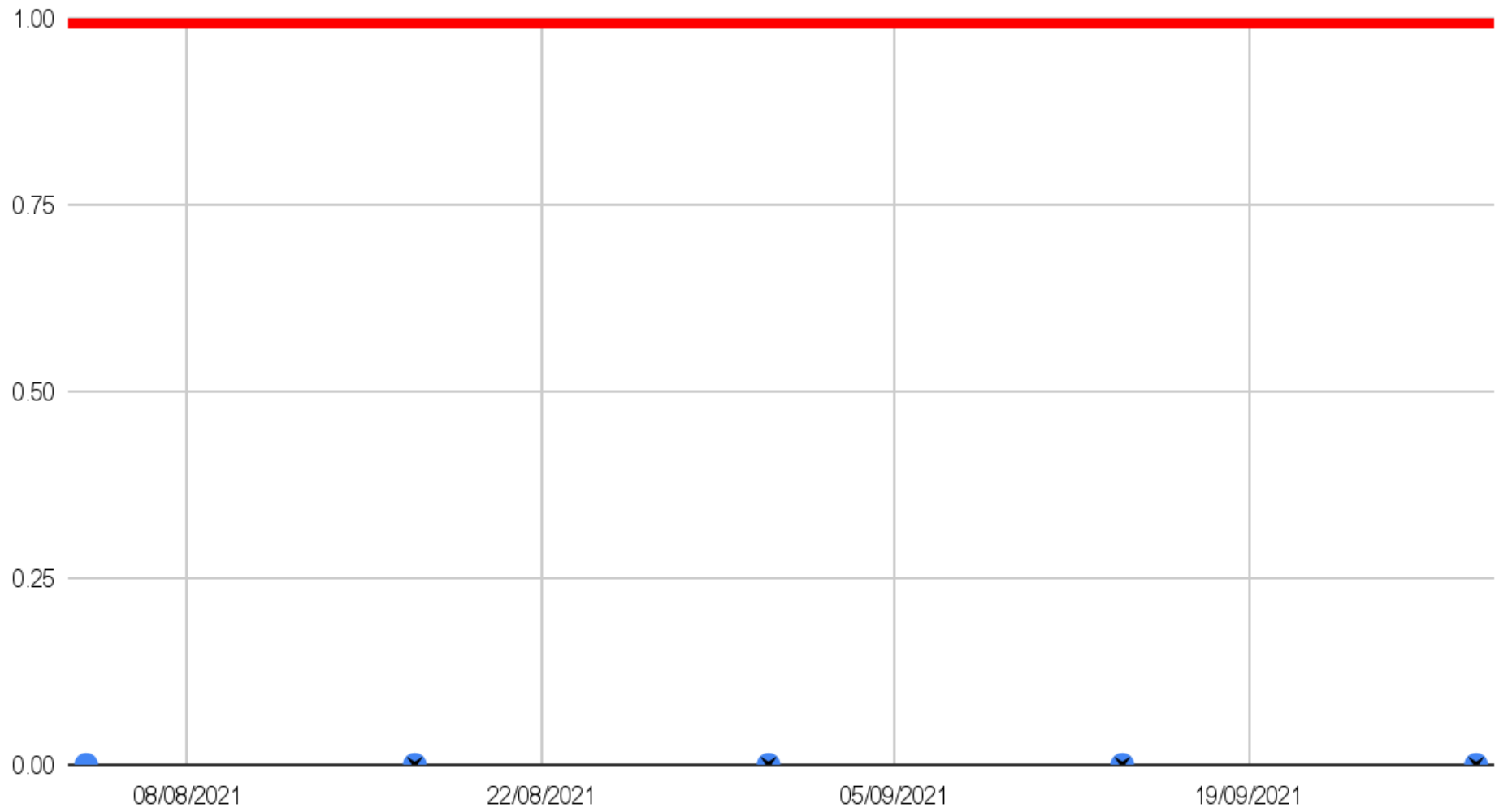
● Wang. Treated Water Tank Coliforms (CFU/100mL) ✕ Wang. Hydrants Coliforms (CFU/100mL) 1 cfu/100mL — Limit

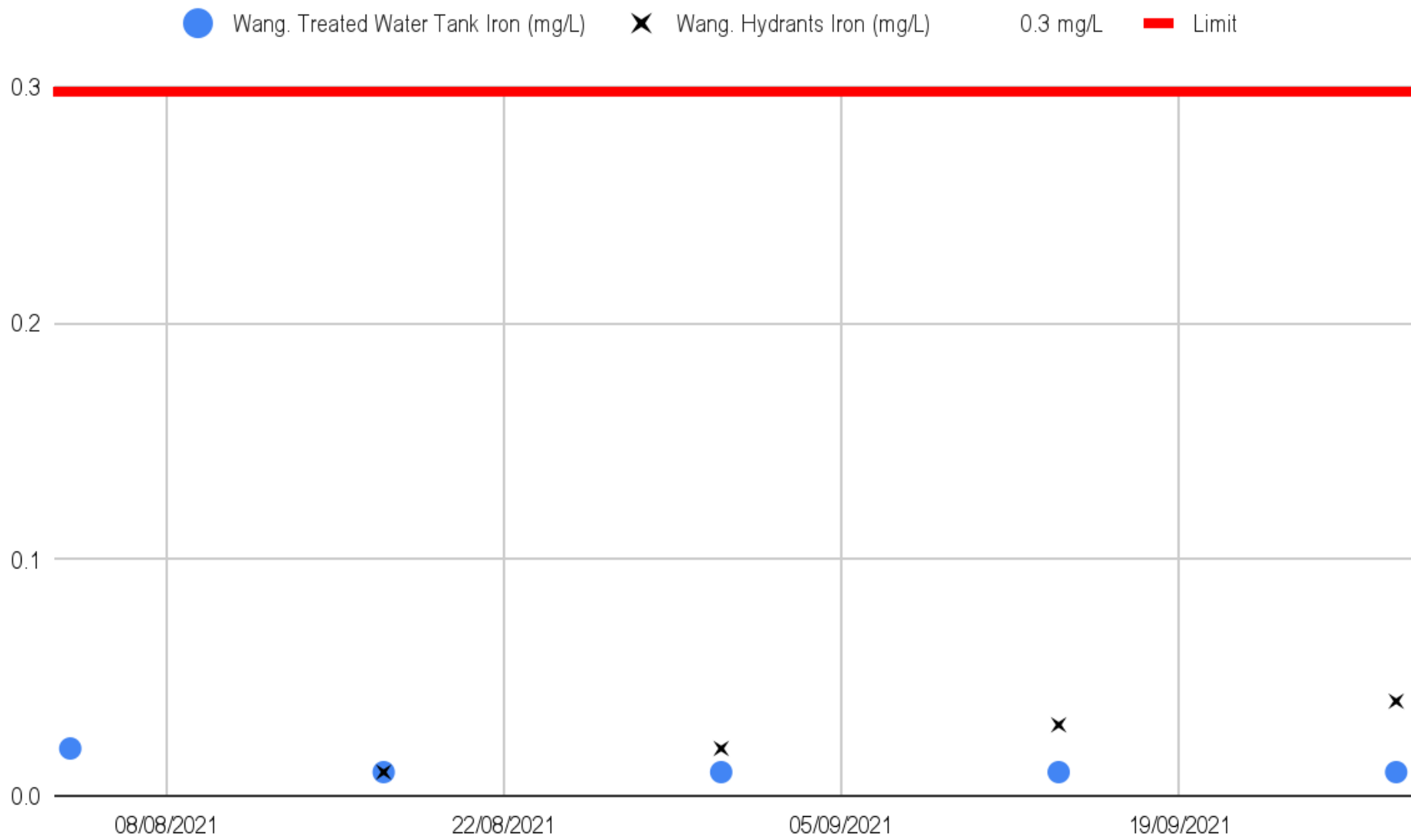




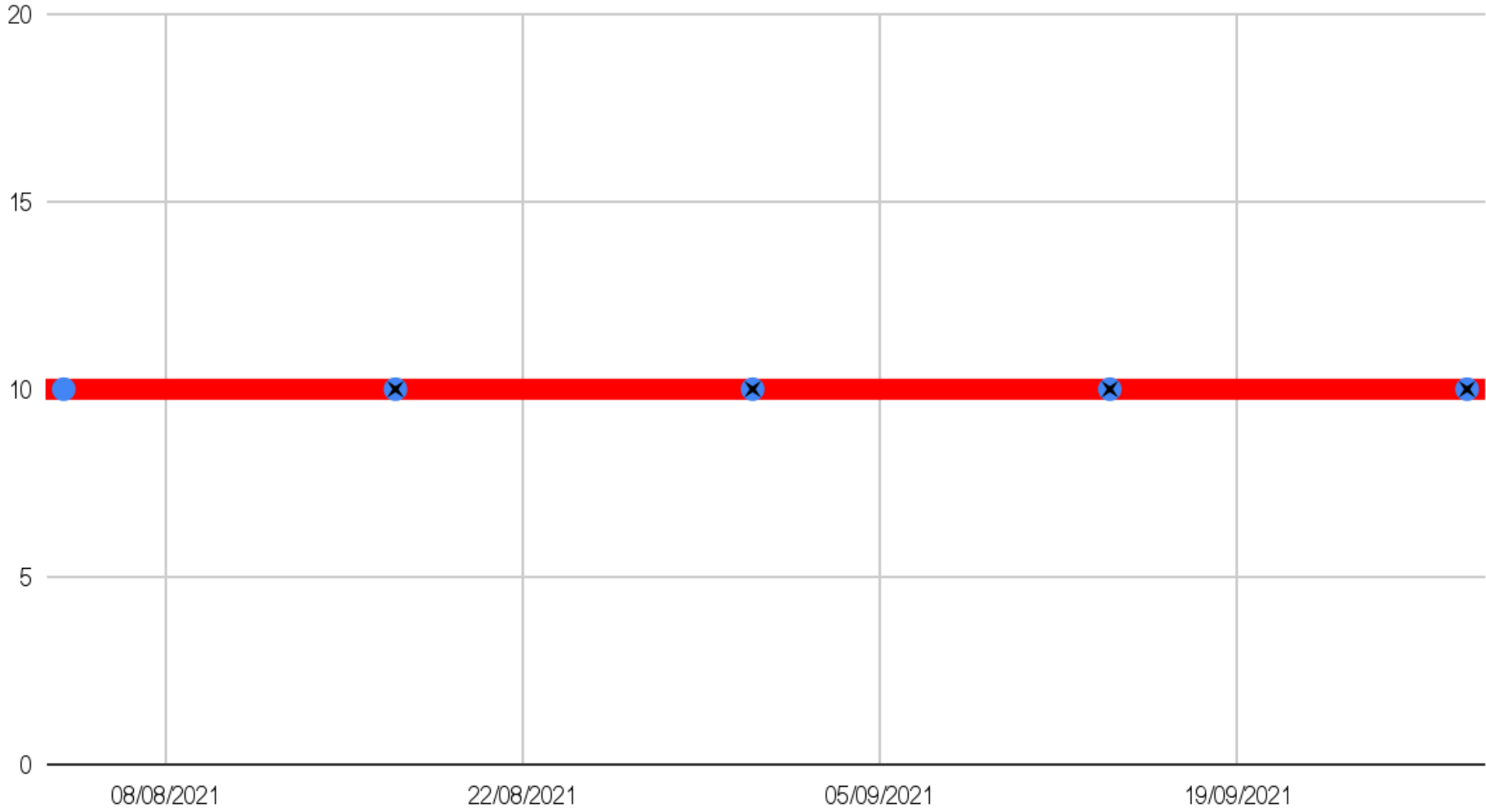


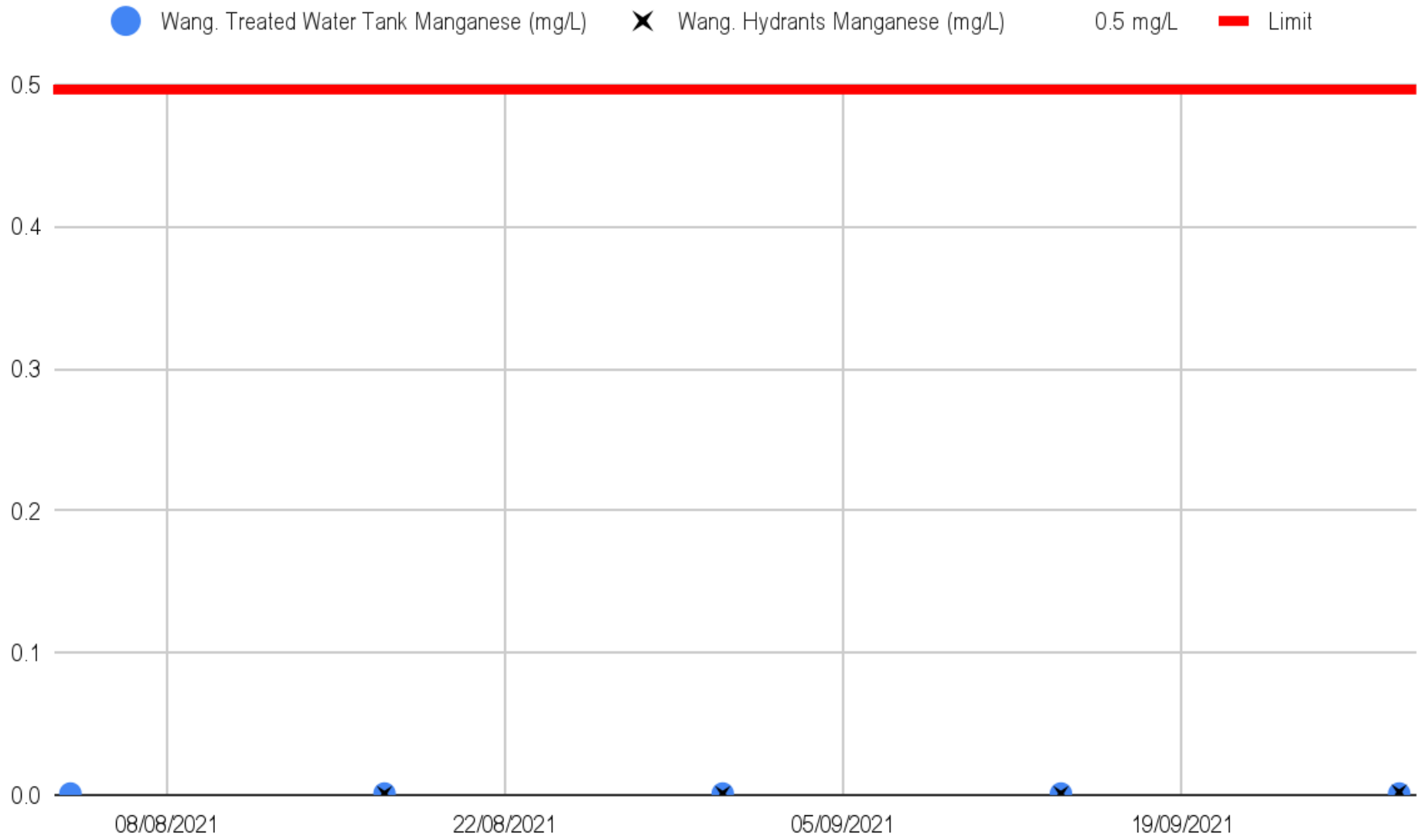
● Wang. Treated Water Tank E.coli (CFU/100mL) ✕ Wang. Hydrants E.coli (CFU/100mL) 1 cfu/100mL — Limit



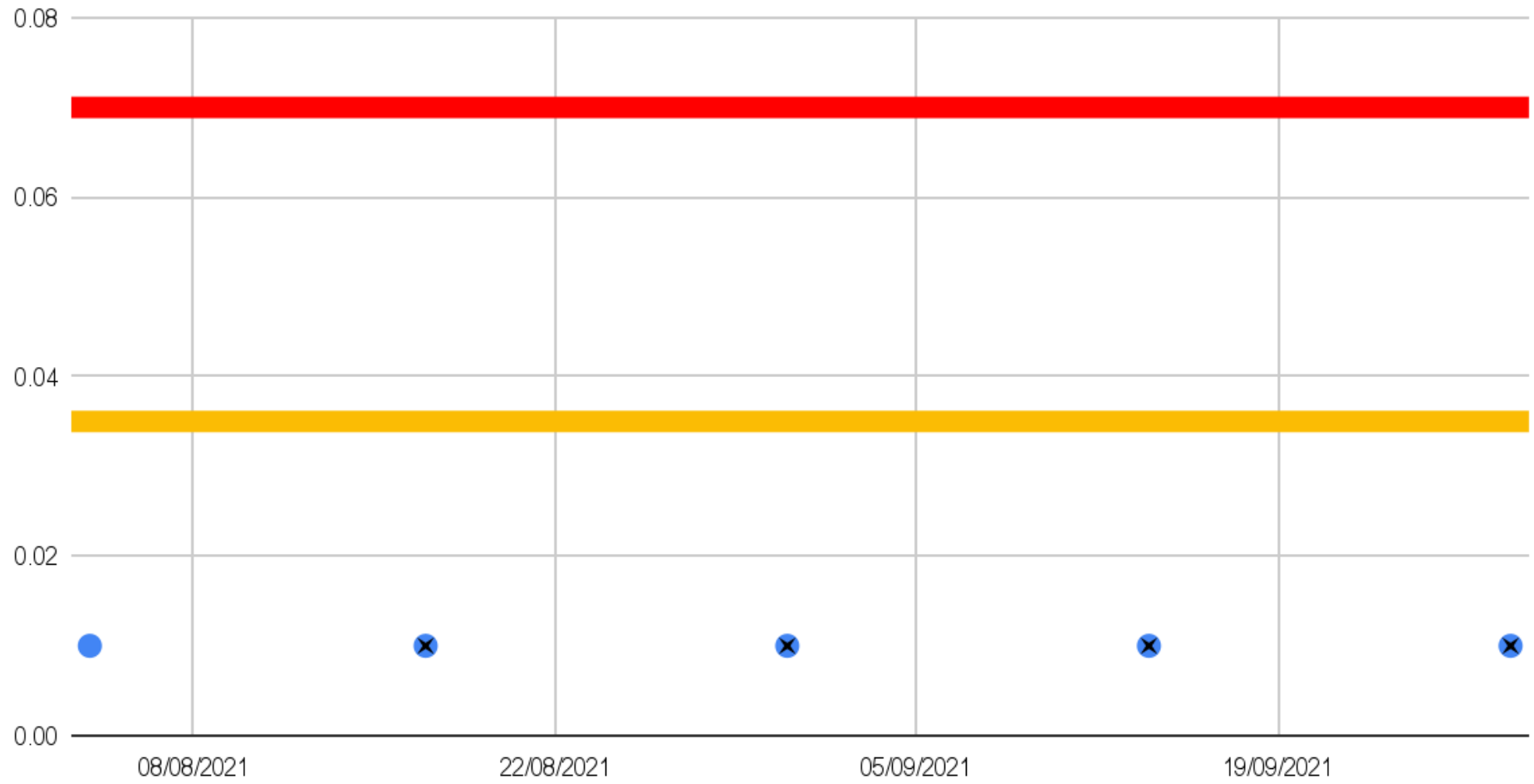


● Wang. Treated Water Tank Legionella spp (CFU/mL) ✕ Wang. Hydrants Legionella spp (CFU/mL) 10 cfu/mL ■ Limit

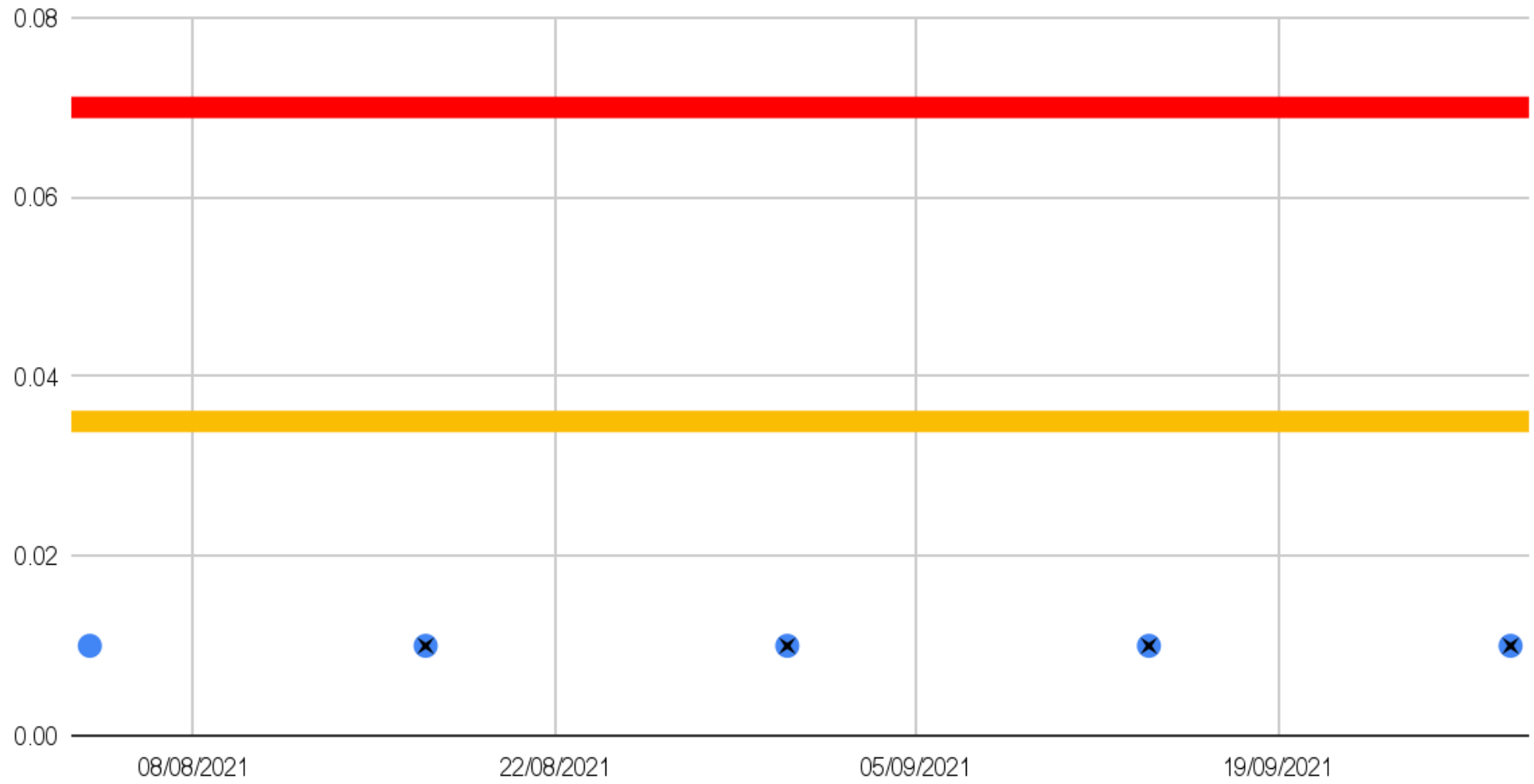




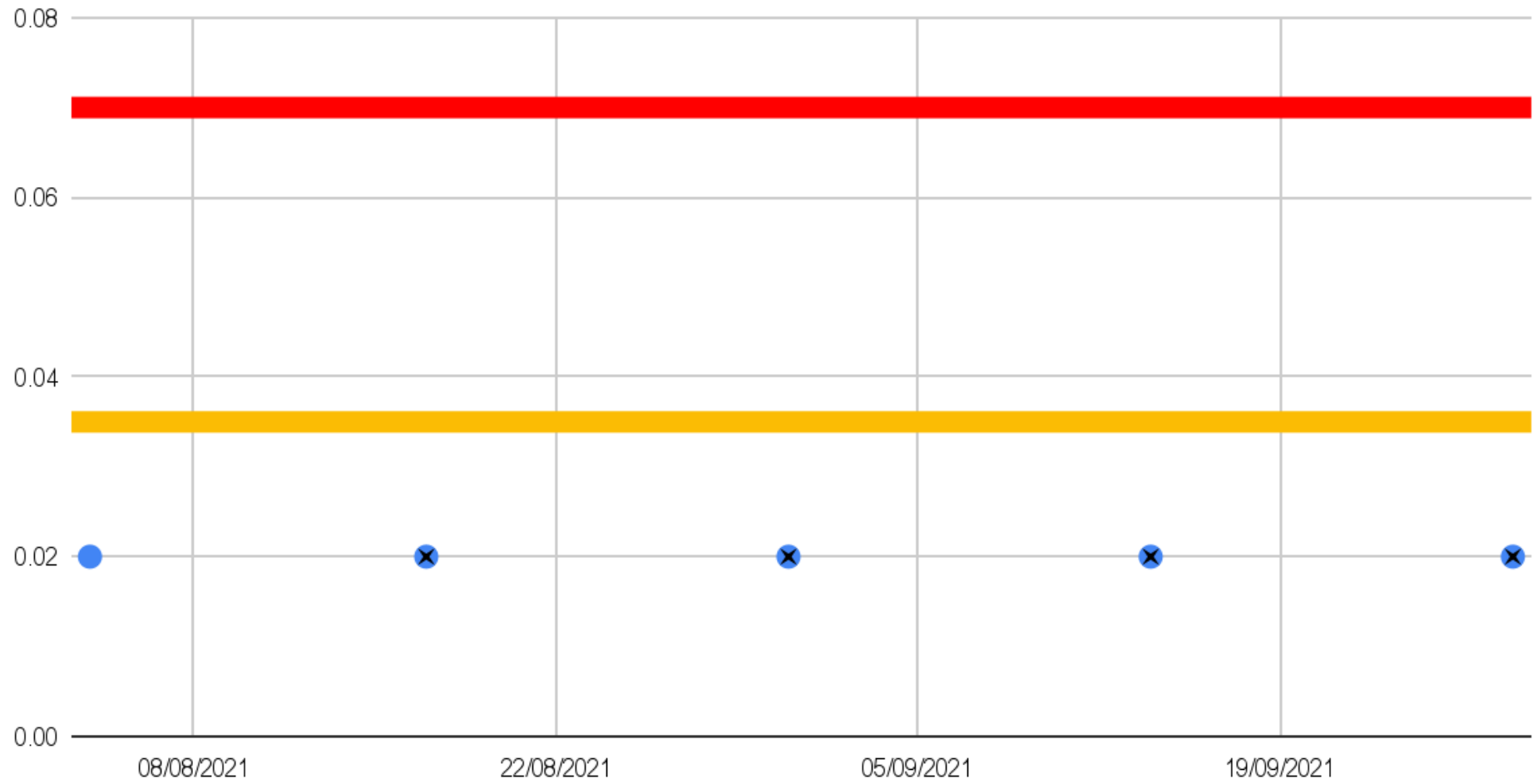
● Wang. Treated Water Tank PFOA ($\mu\text{g/L}$) ✕ Wang. Hydrants PFOA ($\mu\text{g/L}$) PFOA + PFOS $0.07 \mu\text{g/L}$ ■ Limit
PFOA $0.035 \mu\text{g/L}$ ■ Target



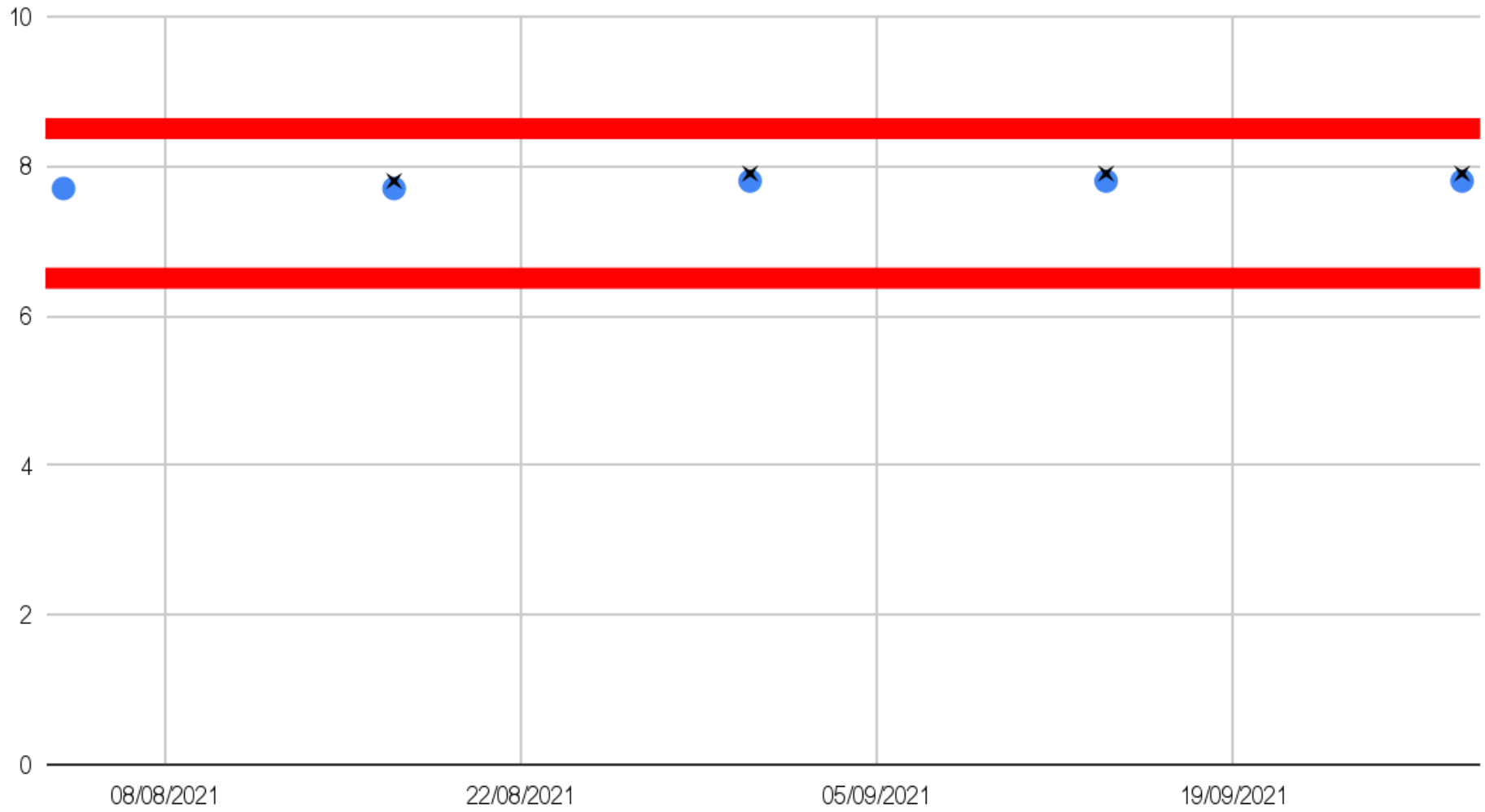
● Wang. Treated Water Tank PFOS ($\mu\text{g/L}$) ✕ Wang. Hydrants PFOS ($\mu\text{g/L}$) PFOA + PFOS $0.07 \mu\text{g/L}$ ■ Limit
PFOS $0.035 \mu\text{g/L}$ ■ Target

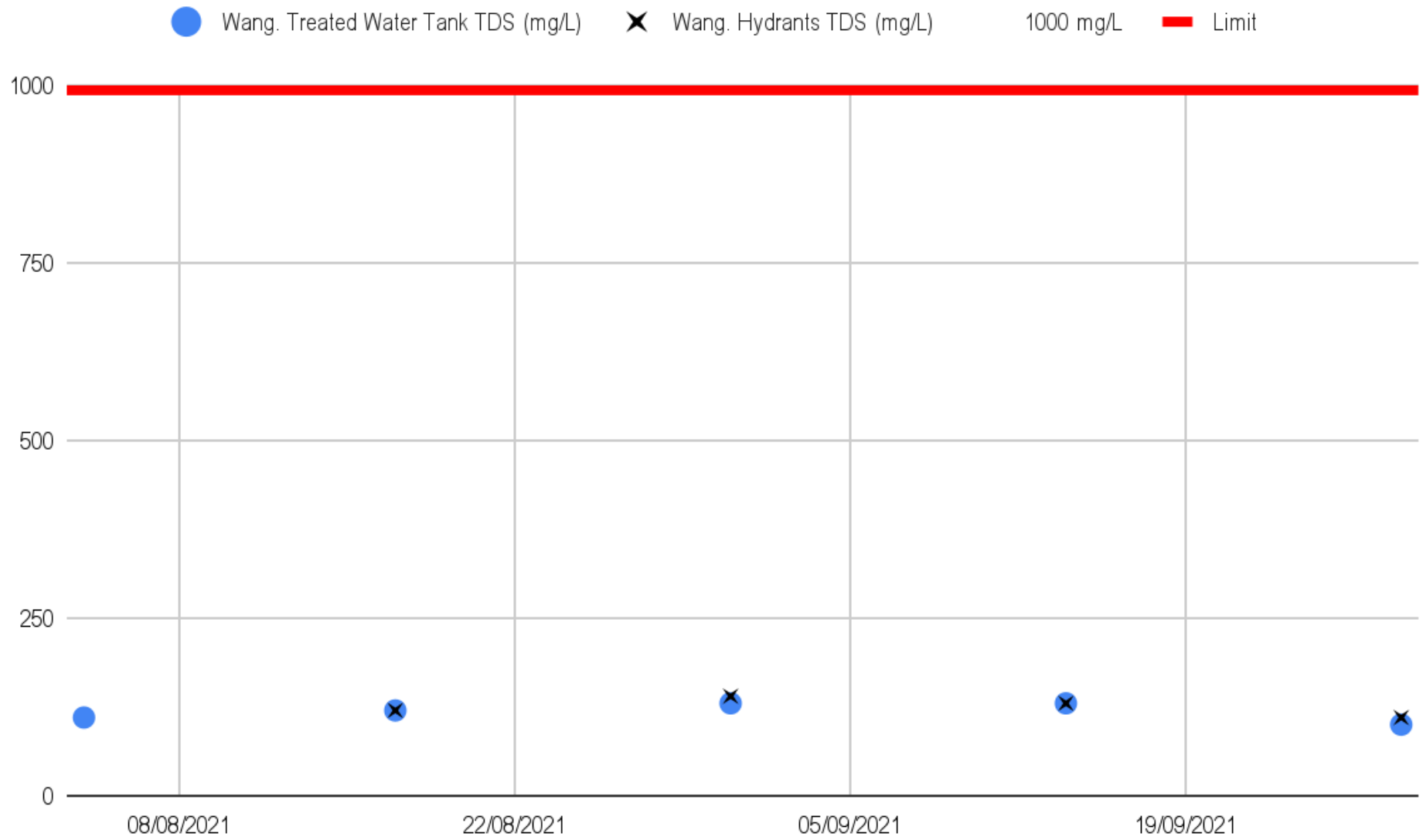


● Wang. Treated Water Tank PFHxS ($\mu\text{g/L}$) ✕ Wang. Hydrants PFHxS ($\mu\text{g/L}$) PFOS + PFHxS $\mu\text{g/L}$ ■ Limit
PFHxS $\mu\text{g/L}$ ■ Target



● Wang. Treated Water Tank pH (-) ✕ Wang. Hydrants pH (-) 6.5 Limit 8.5 Limit





● Wang. Treated Water Tank Total Chlorine (mg/L) ✕ Wang. Hydrants Total Chlorine (mg/L) 5 mg/L — Limit

