

FCC Environment
Pen-Y-Bont Landfill Site
Annual Data Review 1st Jan 2020 to 31st Dec 2020



**Pen-Y-Bont Landfill Site
PPC Permit GP3830BG**

**Annual monitoring Review
1st Jan 2020 to 31st Dec 2020**

FCC Environment
Pen-Y-Bont Landfill Site
Chirk
WREXHAM
LL14 5AR

March 2021

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1.0 INTRODUCTION

1.1 Background

FCC Environment (FCC) has undertaken an annual review of site monitoring data for Pen Y Bont (Chirk) Landfill collected between the periods 1st January 2020 to 31st December 2020. The site is managed under a PPC Permit Ref. EPR/GP3830BG/V008 issued on 5th December 2019

Permit Condition 4.2.2 states:

4.2.2 “A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to the installation and any agreed amendments thereto”

This report has been compiled in order to comply with this specific Permit Condition.

The site finished accepting waste in October 2016 and a fully engineered membrane cap was installed in November 2016.

1.2 Site Location and Surrounding Land-use

The site is about 18 hectares in extent and is located on a north east to south south west trending spur within an incised meander of the River Dee about 500m north of the hamlet of Pentre. It is bounded to the east and south by agricultural land while to the west it is separated from the B5605 (formerly the A483[T]) road by 5 dwellings near its entrance, a sloping field and Pen-Y-Bont Farm. On its north west side there is a narrow tract of river terrace land alongside the river.

The address of the Installation is as follows:

Pen-y-Bont Landfill Site,
FCC Environment,
Pentre,
Chirk,
Wrexham.
LL14 5AR

The surrounding land use is primarily agricultural.

1.3 Geology

The geology at Pen-Y-Bont Landfill consists of surface deposits mostly of alluvium (with sands and gravels) but also made ground in places, due to the historical industrial activities which have taken place in the area. The made ground varies in thickness between 1 to 5m but is known to be as great as 15m in places on the floodplain to the East. The alluvial deposits are generally between 2 and 10m thick with some localised glacial till. These superficial layers are underlain by Ruabon Marl which is between 2m and 50m thick. The marl in turn overlies Carboniferous Middle Coal Measures Sands and silts which contain local organic layers.

2.0 LANDFILL GAS REVIEW

2.1 Landfill Gas Data Summary

Routine monitoring for landfill gas was carried out on a monthly and quarterly basis during 2020 at the perimeter monitoring boreholes required by Table S3.5 of the site permit. Methane, carbon dioxide, oxygen, relative pressure and atmospheric pressure readings are all recorded during each monitoring visit.

Following a review of the data, the following observations were made;

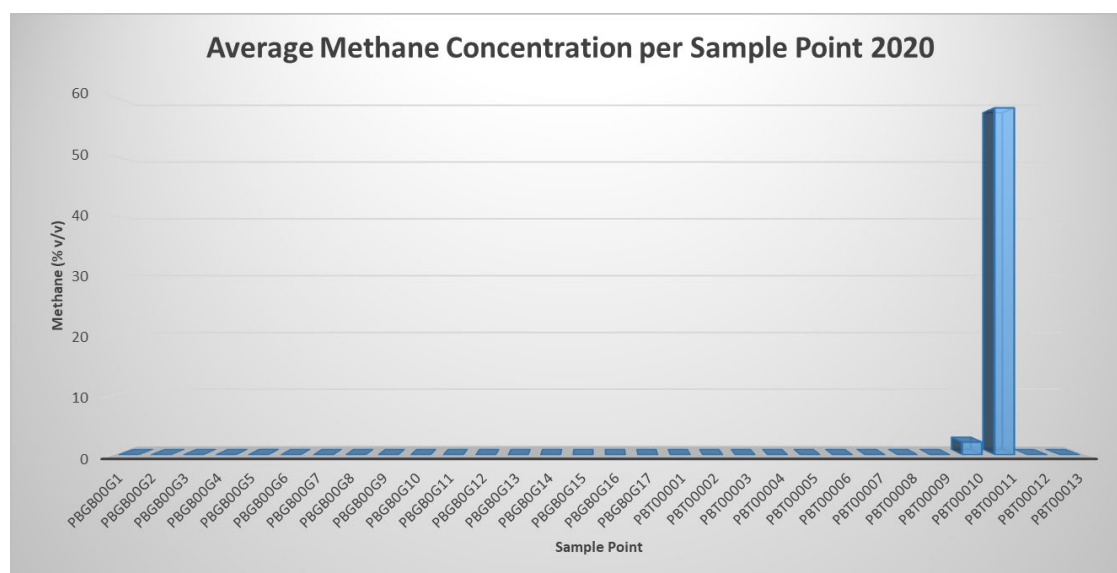
There were 6 breaches of the 1% trigger level for methane in 2020, all of which were in Borehole T10. Detections of less than 1% methane were also made in borehole T10

Methane was detected on a number of occasions in borehole T10 with a maximum of 9.2% recorded on the 16th May, and an average of 2.12% for 2020.

Borehole T10 is located within 5 metres of borehole T11 which has historically contained high concentrations of methane (up to 69.6% in 2020) which was proved to be non-landfill related, having been present before tipping commenced at the site. It is thought that T10 may be affected by the presence of this gas, drifting laterally from T11. These levels are consistent with those recorded previously. Work on the site infrastructure near to this area of localised gas detection is being improved to try and achieve increased suction from the gas field which should help to reduce the gas levels being detected in these boreholes. This work is continuing through 2021.

Should the levels of methane be seen increasing on a rising trend, above trigger levels, then FCC would action and sample to analyse the gas.

Average Methane levels for 2020 can be seen in the graph below:



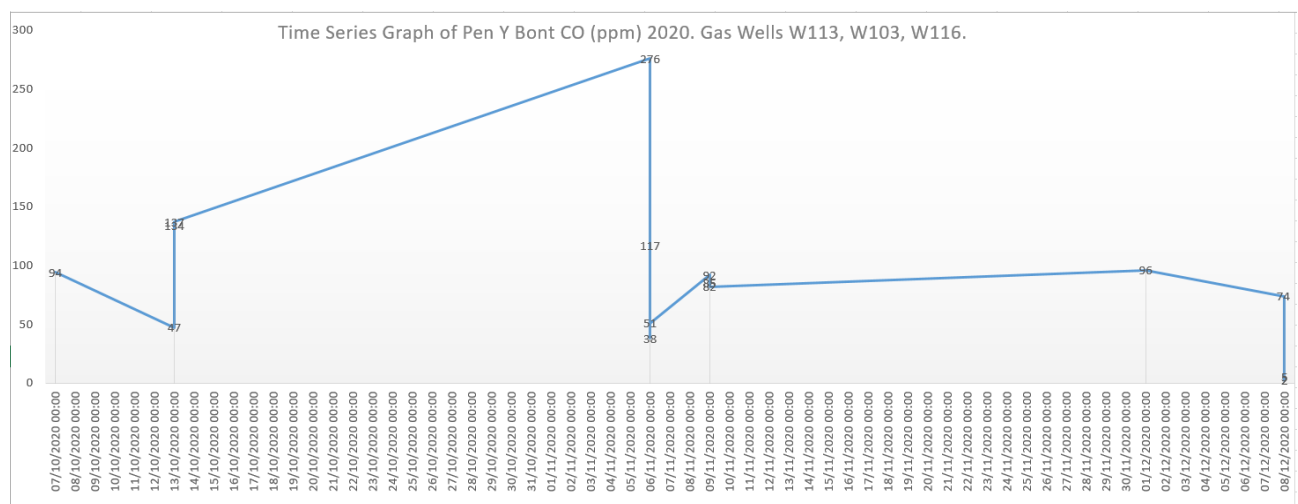
Average gas data for 2020 is available in Appendix 1.

2.2 Landfill Gas Management

The landfill gas control system was monitored in accordance with Tables S3.7 of the site Permit.

Following a review of the gas well monitoring data, all indications are that the system is performing well (especially now that the site is capped) and the following observations have been made;

- Average methane concentrations for the gas extraction wells (from 1819 readings) was 28.40 %(v/v) with a maximum reading of 75%(v/v) recorded in well LMP01.
- Average carbon dioxide concentrations were observed to be 23.20%(v/v) within the gas wells for the duration of the review period.
- Oxygen readings averaged 6.82%(v/v) over the 12 month period.
- Suction within the field averaged -21.05 mbar for the duration of the review period
- CHIW0113 contained CO levels of above 100ppm during 2020 with a maximum level of 276ppm in November 2020. This well is to be bag sampled and analysed with the results to be reported when obtained. CHIW103 contained CO levels of 134ppm and 137ppm respectively in October 2020. CHIW116 contained 117ppm CO in November 2020. All of these gas wells however contained less than 100ppm as of December 2020. These locations have generally shown poor gas quality during the review period and have remained closed for the majority of the year. Despite the presence of CO during the end of the year in these wells we believe it poses little risk of fire due to levels now being below 100ppm and no corresponding significant increase in CO levels in the surrounding gas wells. If levels begin to rise in at this location and the surrounding wells, an investigation will be launched.



Average LFGX gas data for 2020 is available in Appendix 2.

The LFG utilisation plant located on site comprises of 2 Caterpillar engines each capable of 1150kW and one 2500m³ high temperature flare capable of sufficient gas control in the event of the gas engines being unavailable. The system was installed and commissioned in 2003. The site produces approximately 2000kW of exportable energy per month. The gas quality in 2020 was at an average of 44.34% CH₄, 0.85% O₂ and a flow of 492m³/h, which is similar to previous years.

Monitoring of the flare and gas engine emissions, plus the trace gas analysis was undertaken during September and November 2020 in accordance with Table S3.2 of the site permit. The results are contained in Appendix 2 of this report.

Table 1: Engine and Flaring Capacity at Pen-Y-Bont Landfill Site 2020

Site	Flares			Engines			
	Number	Total Capacity (m ³ /hr)	Total Volume to Flare (Nm ³)	Number	Total Capacity (MW)	Total Capacity (m ³ /hr)	Total Volumes to Engines (Nm ³)
Pen-Y-Bont	1	2000	54,978	2	2.1	1400	4,147,776

Reports covering engine emissions and trace gases at the inlet to the gas compound are attached to this report in Appendix 2. Both engines and the flare were within the limits of the Permit emissions standard for NO_x, Carbon Monoxide and TVOCs – see notes of the attached report.

3.0 GROUNDWATER REVIEW

Groundwater samples and levels were taken on a quarterly basis throughout the monitoring period in accordance with the requirements of tables S3.4 and S3.10 of the site permit. A review of the monitoring results is provided below.

Trigger levels for the boreholes installed in 2007, in accordance with Improvement Condition 1.4.1.2 (submitted in June 2008) were agreed with the Environment Agency (now NRW) and groundwater environmental data in this report has been judged against these limits.

3.1 Groundwater Levels

Groundwater levels were measured in 13 boreholes, on a quarterly basis, in accordance with Table S3.10 of the site permit. Groundwater levels in 2020, however, were obtained from all of the groundwater locations on site of which there are 27 in total. The monitoring schedule for groundwater level monitoring frequency will be reviewed against the new permit version V008 issued 5th December 2019, and amended accordingly. The data from groundwater level monitoring from the 13 boreholes, and additionally the 27 total boreholes

obtained in 2020 is available in Appendix 3. The following observations can be made from summarising data from the 13 current groundwater locations;

- Water levels ranged from 49.44mAOD in borehole BH10 (to the West of the site) to 72.68mAOD in borehole BH08 on the South Western boundary. These lowest and highest levels are different from previous years due to the change in the monitoring schedule, with less of the locations being reported against.
- Groundwater flow in the locality of the site is to the north, east and west towards the River Dee.

3.2 Groundwater Quality

Groundwater samples were taken on a quarterly basis throughout the monitoring period in accordance with Tables S3.4 and S3.10 of the site permit. All data has previously been submitted to Natural Resources Wales via the quarterly reporting requirement. The following observations can be made from the data gathered in 2020;

- There was one breach for Ammoniacal Nitrogen during 2020. This was recorded in borehole T12 at 1mg/l on the 14th May 2020. The result is not part of a trend. The highest level was recorded in BH12 with a level of 3.3mg/l and the average across the site was 0.49 mg/l.
- Manganese breached once during November 2020 in borehole T13 with levels of 3.9mg/l against limits of 2.1mg/l. Additionally, BH12 and BH14 breached on Zinc and Manganese respectively. BH12 contained Zinc levels of 0.124mg/l against a limit of 0.2mg/l. BH14 contained Manganese levels of 4.31mg/l against a limit of 2.6mg/l. These locations were compliant for the rest of the monitoring period. A graph of the above levels is available in Appendix 3. Graphs for these locations against Ammoniacal Nitrogen and Chloride show no elevated readings for these determinants during November 2020.
- Mecoprop was only detected once, at 0.02 µg/l in BH0014.
- The annual screening for hazardous substances in leachate was completed in November 2020. For hazardous substances that were detected in groundwater – see Table 2 below.
Positive readings are included in the bi-annual groundwater analysis in accordance with Table S3.10 of the Permit.
- There were no hazardous substances found in leachate detected in the groundwater.

The table below is a revised version of Table 6 in the HRA and compares the findings of the Hydrogeological Risk Assessment report to the 2020 data.

The table shows the mean Ammoniacal Nitrogen concentration to be much the same as the modelled value in the HRA and a third of the 2011 figure. The max is considerably lower than the review.

The Chloride mean figures are very slightly above that in the HRA but at an average of 83.3mg/l it is still well below the standard limit of 250mg/l and similar to results recorded in previous years.

All other mean and maximum values for the remaining 'priority contaminants' in the list are either less than or equal to those modelled in the HRA. Both Lead and Chromium were not within the detection limits of the laboratory test.

Table 2
Revised 'Table 6' from HRA comparing HRA groundwater data with 2020 data

Priority Contaminant	HRA review		2020 Data	
	Mean	Max	Mean	Max
Ammoniacal Nitrogen (N:mg/l)	0.52	10.2	0.50	3.3
Chloride (mg/l)	55.6	403	83.3	433
Napthalene (ug/l)	1.0	1.19	0.015	0.08
Mecoprop (ug/l)	0.066	2.0	0.02	0.02
Cadmium (mg/l)	0.001	0.0058	0.00000029	0.00007
Chromium (mg/l)	0.005	0.015	0.001	0.001
Zinc (mg/l)	0.02	0.25	0.013	0.124
Lead (mg/l)	0.006	0.023	0.001	0.001
Manganese (mg/l)	2.73	15	1.36	8.9

To summarise, groundwater quality has generally been recorded as consistent with historic reviews and where elevations of chemicals have been observed, there have been no corresponding increasing trends in both Ammoniacal Nitrogen and Chloride which could be indicative of a failure in the site containment system. These elevated results are deemed to be the result of the influence of the local geology and historic land use.

Average Groundwater quality data is available in Appendix 3

4.0 LEACHATE REVIEW

Leachate levels were monitored on a monthly basis during 2020 (as agreed in writing with Natural Resources Wales in April 2013) and in accordance with Table S3.1 of the site Permit Variation V008.

Leachate sampling was carried out at the four leachate compliance points at a 6 monthly frequency (in agreement with Natural Resources Wales in April 2013) and as per Table S3.8 of Permit Version V008.

The results of leachate level monitoring and leachate sampling/analysis are submitted to Natural Resources Wales on a quarterly basis.

4.1 Leachate Levels

The trigger for leachate levels is set at 43 mAOD, as specified within Table S3.1 of the site Permit. After a review of the data, the following observations can be made;

Summary of Leachate Liquid Level (mAOD)

Sample Point	No Values	Mean	Minimum	Maximum	Standard Deviation	Limit(s) Breached	Limit
PBLC001D	12	51.28	42.51	65.64	10.82	5	43
PBLC004B	12	47.08	41.73	59.67	6.76	7	43
PBLC005B	12	45.41	42.22	55.78	4.52	6	43
PBLM004B	12	45.04	41.67	59.74	5.43	6	43
PBLM005B	11	43.98	39.55	59.83	6.26	4	43
PBLM006B	12	44.40	41.42	48.61	3.10	6	43
PBLM007B	12	42.47	39.99	48.42	2.93	4	43

4.2 Leachate Quality

Leachate was scheduled to be sampled from the four leachate extraction points for analysis as required by Table S3.8 of the site permit.

The following observations can be made after a review of the analytical data;

- The average concentration of Ammoniacal Nitrogen across the site was 3,215mg/l with a maximum concentration of 5000mg/l in LM7B, still indicative of fairly high 'strength' leachate.
- The average chloride concentration in leachate was 2,494mg/l with a maximum strength of 2,860 mg/l in LM7B, which is similar to levels previously recorded.

- Mean electrical conductivity results ranged from 31,500 $\mu\text{S/cm}$ in LC1D to 50,700 $\mu\text{S/cm}$ in LM7B.
- The average COD value in leachate across the site was 20,125 mg/l with a maximum value of 29,100mg/l

Average leachate concentrations are available in Appendix 4

The leachate quality (Ammoniacal Nitrogen, Chloride and COD) recorded over the last 6 years provides an overview of the strength of the leachate at Pen-Y-Bont. The leachate is stronger than average for the UK with COD generally remaining between 15,000 and 30,000mg/l. Chloride and Ammoniacal Nitrogen levels are consistent with those recorded historically.

Graphs of Ammoniacal Nitrogen, Chloride and COD over the last six years are available in Appendix 4.

A review of the other monitoring determinands shows that the leachate quality is typical of a landfill receiving biodegradable waste and is generally of a greater strength and higher temperature compared to average landfill leachates in the UK.

Table 3
Revised 'Table 4' HRA comparing leachate data in HRA with 2020 data

Priority Contaminant	HRA review 2009		2020 Data	
	Mean	Max	Mean	Max
Ammoniacal Nitrogen (N:mg/l)	3185	7700	3215	5000
Chloride (mg/l)	2050	3610	2495	2860
Napthalene ($\mu\text{g/l}$)	19.96	30	7.5	10.1
Mecoprop ($\mu\text{g/l}$)	67	100	156	219
Cadmium (mg/l)	0.0024	0.007	0.0037	0.0107
Chromium (mg/l)	0.0373	0.99	0.465	0.728
Zinc (mg/l)	0.484	2.02	0.436	1.09
Lead (mg/l)	0.169	0.86	0.043	0.102
Manganese (mg/l)	0.25	0.88	0.048	0.089
Phenol (mg/l)	11.3	27.8	15	24
Nickel (mg/l)	0.21	0.37	0.398	0.537

- When compared to the findings of the last Hydrogeological Risk Assessment (HRA) report, (see table above, which is a revised version of Table 4 in the HRA) many parameter values listed for 2020 are similar or lower to those listed in the review. The maximum Ammoniacal Nitrogen, Chloride, Napthalene, Cadmium, Chromium, Zinc and Lead concentrations are below that modelled in the HRA, with only Nickel, Phenol, Manganese and Mecoprop showing maximum levels that are above those predicted.

To summarise the current leachate quality remains largely as modelled.

4.3 Leachate Management

All leachate collected at Pen-Y-Bont landfill site is removed from site and disposed of via third party tankering companies. The total amount of leachate removed from site during 2020 was 7,909m³.

The leachate pumping system consists of interlinked pipework for leachate collection, with either cables to provide power to the electric pumps or compressed air provided to pneumatic pumps for discharge to the 2 tanks at the gas compound, prior to transfer to the tanks at the weighbridge in readiness for tankered export from site. The tanks have enough capacity to allow 24hour, 7 days per week pumping, although some downtime may occur on a Sunday if the tanks fill, as there are no disposal outlets available.

LC1D, which is the re-drill of LC1B, was installed at the end of May 2018. This chamber had suffered from previous pumping failures in 2018 and 2019 associated with drilling detritus clogging the pump and causing it to fail. An investigation into pumping system issues began in 2020 when the site started showing reliability issues associated with it, fairly soon after the furlough scheme was rolled out in late March.

Site maintenance contractors who were put on furlough could not fulfil their regular schedule of checks at the site and we soon began to experience issues with leachate level elevations and system failings. It was also noted that high gas pressures moving around from chamber to chamber were causing difficulties with dipping, and with foaming, causing erratic fluctuations in dipping data and liquid levels.

FCC employed an in-house leachate technician in 2020 with knowledge of the site and we began a scheme of improvement work to address the issues we were facing in 2020. Leachate main blockages were identified and repaired, leachate storage tank improvements were also carried out to help improve the leachate yield being achieved from the site. This helped to bring the elevated levels down through 2020, though this was a longer process than desired due to the global pandemic situation.

The site has just two chambers that are now typically found out of compliance, LC1D and LM6B. Chamber LC1D is starting to show an improvement in leachate levels. The pump hang height had been raised in this chamber in 2019 to try and prevent it from clogging at depth. The pump was lowered back down again in 2020 by approximately 6m and the recovery (cooling period) on the pump PLC was increased to 20 minutes, from the previously set 10 minutes.

Work to much improve headworks sealing to enable gas extraction from leachate chambers has helped reduce the high pressures of before. Now, across the site, leachate levels are easier to obtain and the foaming issues have been much improved. Infinis are now able to have the leachate wells on gas extraction and are working with FCC to address any issues arising from these locations.

Increasing the rest period of the current electric pumps across the site has notably helped with their efficiency and reliability, this is because they are not running dry as often as they were doing before, which causes overheating. Pumping was assessed against leachate recharge rate and adjustments to pump timings were made. The pump in chamber LM6B is to be lowered to help this point achieve compliance going forward.

Installation of a new leachate pumping system

The decision to switch from electric pumping to a split of electric and pneumatic pumping was made in 2020 due to the maintenance issues experienced during the effects of the Covid19 pandemic. FCC have good knowledge and experience of pneumatic pumping systems and are able to maintain these systems ourselves, we cannot do this with the current fully electric pumping system.

We have proposed and submitted a capex spend in order to fully overhaul the current pumping system and replace it with primarily a pneumatic pumping system, complete with a new eco-friendly compressor, with two new electric pumps of a different design to be installed in chambers found atop the site. This work is intended for completion in 2021, details of which are being relayed to NRW on a regular basis, as part of an ongoing action plan to address pumping related issues.

5.0 SURFACE WATER REVIEW

Surface Water sampling at three points, WP1, 2 and 3 (upstream, downstream and adjacent to the site) were monitored on a monthly basis as specified in Table S3.9 of the site Permit. See Appendix 5 for Surface Water Data.

The following observations can be made regarding surface water sampling in 2020;

- There was no discharge from site at sampling locations WP04 and WP05 for the duration of the review period.
- A review of the background surface water quality data obtained from upstream sampling point WP01, downstream sampling point WP03 and midstream sampling point WP02, indicated that there is no evidence of any deterioration in water quality on the River Dee that could be attributed to landfilling activities.

6.0 FLUX BOX AND FID SURVEYS

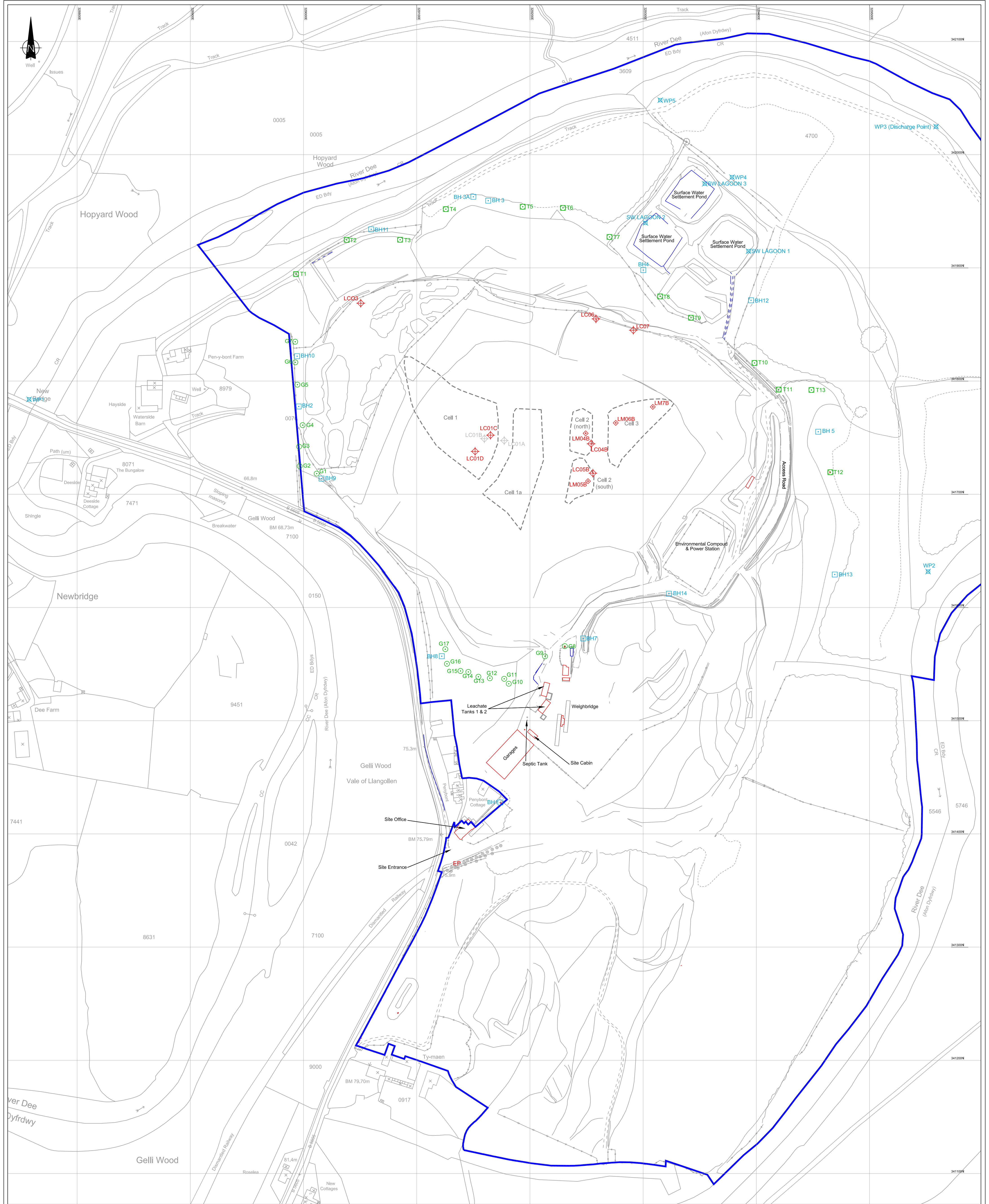
Table S3.6 of the site permit, requires that a flux box survey (or FID site walkover) is completed on an annual basis that covers temporary and permanently capped areas.

An FID walkover survey was undertaken over the whole site in 2020 to cover the table 3.6 requirements, as a compliant FLUX was undertaken in 2019. The FID did not show any elevated readings. A FLUX survey is to be carried out again in 2021.

The results of the 2020 Annual FID are contained in Appendix 6 of this report.

Pen-Y-Bont						
Interval	Type	Sample Points	Field Determinands	Sampling Determinands	Month	Comments
Monthly	Perimeter Boreholes	G1, G2, G3, G4, G5, G6, G7, G8, G9, G10, G11, G12, G13, G14, G15, G16, G17	Field log, Gas Comp (CH ₄ , CO ₂ , CO, O ₂ , H ₂ , ATM, RP, flow)	n/a	all	
	Leachate Collection Chambers	LC01D, LC03, LM05B, LC05B, LC04B, LM04B, LM05B, LM07B	Field log, DTL, pulse count	n/a		
Quarterly	Perimeter Boreholes	G1, G2, G3, G4, G5, G6, G7, G8, G9, G10, G11, G12, G13, G14, G15, G16, G17, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13	Field log, Gas Comp (CH ₄ , CO ₂ , CO, O ₂ , H ₂ , ATM, RP, flow)	n/a	Feb, Aug	
	Groundwaters	BH1, BH2, BH3, BH4, BH5, BH7, BH8, BH9, BH10, BH11, BH12, BH13, BH14, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13	Field log, Temp, pH, EC, DTL, DTB, sample	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD		
	Surface Waters	WP1, WP2, WP3, SWLagoon1, SWLagoon2 and SWLagoon3	Field log, Temp, pH, EC, oil/grease, sample	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD		
	Leachate Collection Chambers	LC01D, LC03, LM05B, LC05B, LC04B, LM04B, LM05B, LM07B	Field log, DTL, pulse count	n/a		
Bi-Annual (Monthly)	Perimeter boreholes	G1, G2, G3, G4, G5, G6, G7, G8, G9, G10, G11, G12, G13, G14, G15, G16, G17, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13	Field log, Gas Comp (CH ₄ , CO ₂ , CO, O ₂ , H ₂ , ATM, RP, flow)	n/a	Nov	
	Groundwaters	BH1, BH2, BH3, BH4, BH5, BH7, BH8, BH9, BH10, BH11, BH12, BH13, BH14, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13	Field log, Temp, pH, EC, DTL, DTB, sample	pH, EC, chloride, ammoniacal nitrogen, COD, BOD, suspended solids, DO, chromium, lead, total alkalinity, magnesium, potassium, total sulphide, calcium, lead, TOC, TON		
	Leachate Walls	LC1D, LM05 (no sample) LC4B, LM05 (no sample), LC05B, LM05B (no sample), LM7B	Field log, Temp, pH, EC, DTL, sample (LC1D, LC4B, LC05B and LM7B only)	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD, chromium, lead, total alkalinity, magnesium, potassium, total sulphide, calcium, lead, TOC, TON		
	Surface Water	WP1, WP2, WP3	Field log, Temp, pH, EC, oil/grease, sample	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD, chromium, lead, total alkalinity, magnesium, potassium, calcium, lead, TOC, TON, sodium, iron, manganese, cadmium, copper, nickel, zinc, phosphate, sulphate		
	Surface Water	SWLagoon1, SWLagoon2 and SWLagoon3	Field log, Temp, pH, EC, oil/grease, sample	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD		
Annual	Perimeter boreholes	G1, G2, G3, G4, G5, G6, G7, G8, G9, G10, G11, G12, G13, G14, G15, G16, G17, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13	Field log, Gas Comp (CH ₄ , CO ₂ , CO, O ₂ , H ₂ , ATM, RP, flow)	n/a	May	
	Groundwaters	BH1, BH2, BH3, BH4, BH5, BH7, BH8, BH9, BH10, BH11, BH12, BH13, BH14, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13	Field log, Temp, pH, EC, DTL, DTB, sample	pH, EC, chloride, ammoniacal nitrogen, COD, BOD, suspended solids, DO, chromium, lead, total alkalinity, magnesium, potassium, total sulphide, calcium, lead, TOC, TON, nickel, cadmium, manganop, naphthalene, manganese, zinc, copper, iron, toluene, orthophosphate, TPPI, total phenols, mercury		Has found in leachate due 2021
	Leachate Walls	LC1D, LM05 (no sample) LC4B, LM05 (no sample), LC05B, LM05B (no sample), LM7B	Field log, Temp, pH, EC, DTL, sample (LC1D, LC4B, LC05B and LM7B only)	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD, chromium, lead, total alkalinity, magnesium, potassium, total sulphide, calcium, lead, TOC, TON, sulphate, total phenols, sodium, calcium, copper, iron, manganese, cadmium, manganop, naphthalene, nickel, zinc, mercury, total cyanide		Full Haz due 2021
	Surface Water	WP1, WP2, WP3	Field log, Temp, pH, EC, oil/grease, sample	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD, chromium, lead, total alkalinity, magnesium, potassium, calcium, lead, TOC, TON, sodium, iron, manganese, cadmium, copper, nickel, zinc, phosphate, sulphate		
	Surface Water	SWLagoon1, SWLagoon2 and SWLagoon3	Field log, Temp, pH, EC, oil/grease, sample	pH, EC, chloride, ammoniacal nitrogen, DO, suspended solids, COD, BOD		
	Flux Box (Aerial fugitive emissions)?	Permanent & temporarily capped areas	Field log, temp	Average methane flux		FLUX Box due 2021

DRAWINGS



LEGEND:

Ownership Boundary

Landfill Gas Monitoring Borehole

Landfill Gas Surface Monitoring Point

Combined Gas/ Groundwater Monitoring Point

Gas Flare Stack

Landfill Gas Extraction/ Leachate Monitoring Point

Condensate Unit (Knock-out Pot)

Groundwater Monitoring Borehole

Groundwater Pumping Point

Surface Water Monitoring Point

Leachate Collection Point

Leachate Collection Point (Decommissioned)

Leachate Monitoring Point

Leachate Recirculation Point

Leachate Collection Sump

Leachate Discharge Sampling Point

Leachate Detection Point

Underdrainage Monitoring Point

Settlement Monitoring Point

Drain/ Dewatering Tank

Valve

Cell Boundary

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM.

2. DO NOT SCALE FROM THIS DRAWING.

3. ANY ANOMALIES IDENTIFIED WITH THE DETAILS SHOWN ON THIS DRAWING ARE TO BE BROUGHT TO THE ATTENTION OF FCC ENVIRONMENT (UK) LIMITED PRIOR TO CONSTRUCTION WORKS COMMENCING.

Revision	Date	Description	Rev	CN
1	12/02/20	Site survey updated & details amended	01	CS
2	26/03/20	Cell layout updated	02	CS
3	04/04/20	Site layout & site survey updated, LCOA & LCOB decommissioned, LCOF & LCOF2 added	03	CS

Reference Note:
Information taken from plans:
Site Survey: 4554/1-02

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FCC Environment
6 Siddings Court, White Rose Way, Doncaster, DN4 8NL

Site:
CHIRK LANDFILL SITE

Drawing Title:
Environmental Monitoring Plan

Drawn By:	Checked By:	Date:	Scale:	Paper Size:
BS	CS	12.02.20	1:1500	A1
Status:	Revision:	Drawing No:	Plan Number:	
FINAL	C	460M252	PLAN 4A	

Drawn By: BS, Checked By: CS, Date: 12-02-20, Scale: 1:1500, Paper Size: A1, Status: FINAL, Revision: C, Drawing No: 460M252, Plan Number: PLAN 4A

APPENDIX 1

BOREHOLE GAS EMISSIONS DATA

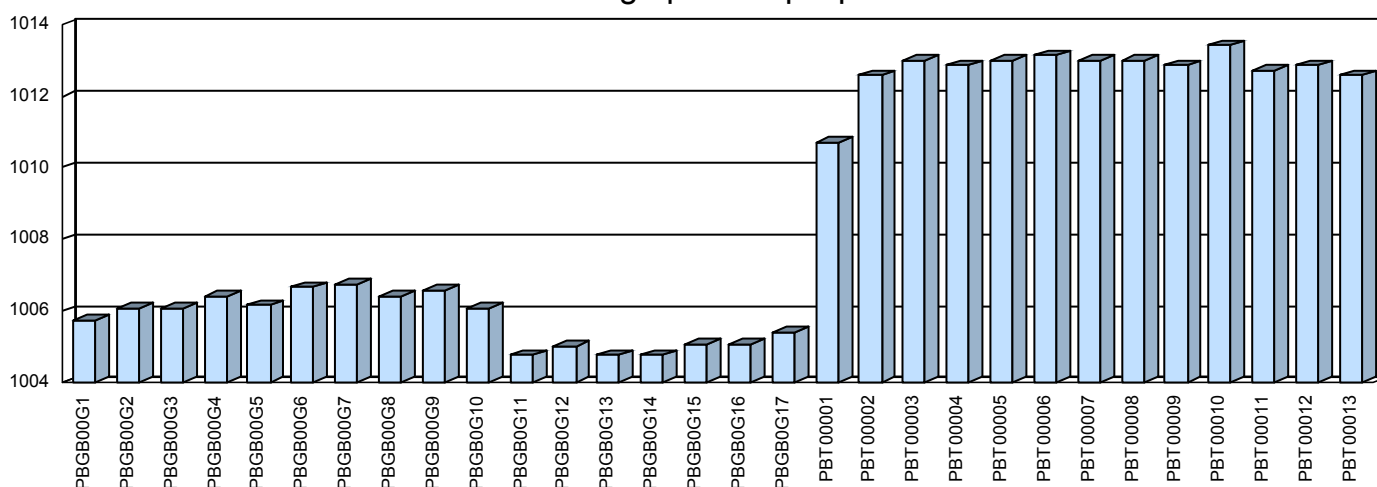
Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBGB00G1	PBGB00G2	PBGB00G3	PBGB00G4	PBGB00G5	PBGB00G6	PBGB00G7	PBGB00G8	PBGB00G9	PBGB00G10	PBGB00G11	PBGB00G12
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	2	1	3	0	0	0	11	5	0	4	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	2.00	1.00	3.00	0.00	0.00	0.00	11.00	5.00	0.00	4.00	0.00

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	12	0	985.00	1,015.00	1,005.75	12,069.00	7.83	61.35	1,015.00
PBGB00G2	12	0	986.00	1,015.00	1,006.08	12,073.00	7.85	61.58	1,015.00
PBGB00G3	12	0	986.00	1,015.00	1,006.08	12,073.00	7.85	61.58	1,015.00
PBGB00G4	12	0	987.00	1,015.00	1,006.42	12,077.00	7.70	59.24	1,015.00
PBGB00G5	12	0	987.00	1,015.00	1,006.17	12,074.00	7.49	56.14	1,015.00
PBGB00G6	12	0	987.00	1,016.00	1,006.67	12,080.00	7.77	60.39	1,016.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBGB0G13	PBGB0G14	PBGB0G15	PBGB0G16	PBGB0G17	PBT00001	PBT00002	PBT00003	PBT00004	PBT00005	PBT00006	PBT00007	PBT00008
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	10	0	6	3	1	1	1	0	0	0	0	3	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10.00	0.00	6.00	3.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	3.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBT00009	PBT00010	PBT00011	PBT00012	PBT00013	Total
AtPress (mBar)	0	0	0	0	0	0
CH4 (%v/v)	0	4	0	0	0	4
CO (ppm)	0	0	0	0	0	0
CO2 (%v/v)	4	7	0	0	0	62
H2S (ppm)	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0
Total	4.00	11.00	0.00	0.00	0.00	66.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G7	12	0	987.00	1,016.00	1,006.75	12,081.00	7.83	61.35	1,016.00
PBGB00G8	12	0	986.00	1,015.00	1,006.42	12,077.00	7.68	58.91	1,015.00
PBGB00G9	12	0	986.00	1,015.00	1,006.58	12,079.00	7.79	60.74	1,015.00
PBGB00G10	12	0	985.00	1,015.00	1,006.08	12,073.00	8.17	66.74	1,015.00
PBGB00G11	12	0	984.00	1,013.00	1,004.75	12,057.00	7.84	61.52	1,013.00
PBGB00G12	12	0	984.00	1,013.00	1,005.00	12,060.00	7.85	61.67	1,013.00
PBGB00G13	12	0	984.00	1,013.00	1,004.75	12,057.00	7.90	62.35	1,013.00
PBGB00G14	12	0	984.00	1,013.00	1,004.75	12,057.00	7.91	62.52	1,013.00
PBGB00G15	12	0	985.00	1,013.00	1,005.08	12,061.00	7.70	59.24	1,013.00
PBGB00G16	12	0	985.00	1,014.00	1,005.08	12,061.00	7.70	59.24	1,014.00
PBGB00G17	12	0	985.00	1,014.00	1,005.42	12,065.00	7.77	60.41	1,014.00
PBT00001	7	0	1,005.00	1,016.00	1,010.71	7,075.00	4.16	17.35	1,016.00
PBT00002	7	0	1,006.00	1,018.00	1,012.57	7,088.00	4.37	19.10	1,018.00
PBT00003	7	0	1,007.00	1,019.00	1,013.00	7,091.00	4.24	18.00	1,019.00
PBT00004	7	0	1,006.00	1,019.00	1,012.86	7,090.00	4.45	19.84	1,019.00
PBT00005	7	0	1,007.00	1,019.00	1,013.00	7,091.00	4.24	18.00	1,019.00
PBT00006	7	0	1,007.00	1,019.00	1,013.14	7,092.00	4.19	17.55	1,019.00
PBT00007	7	0	1,007.00	1,019.00	1,013.00	7,091.00	4.24	18.00	1,019.00
PBT00008	7	0	1,007.00	1,019.00	1,013.00	7,091.00	4.24	18.00	1,019.00
PBT00009	7	0	1,006.00	1,019.00	1,012.86	7,090.00	4.45	19.84	1,019.00
PBT00010	7	0	1,009.00	1,019.00	1,013.43	7,094.00	4.03	16.24	1,019.00
PBT00011	7	0	1,006.00	1,019.00	1,012.71	7,089.00	4.59	21.06	1,019.00
PBT00012	7	0	1,006.00	1,020.00	1,012.86	7,090.00	4.97	24.69	1,020.00
PBT00013	7	0	1,006.00	1,019.00	1,012.57	7,088.00	4.69	21.96	1,019.00
Total	295	0	984.00	1,020.00	1,007.91	297,334.00	7.68	58.92	1,018.00

Data from: 1 Jan 2020 to: 31 Dec 2020

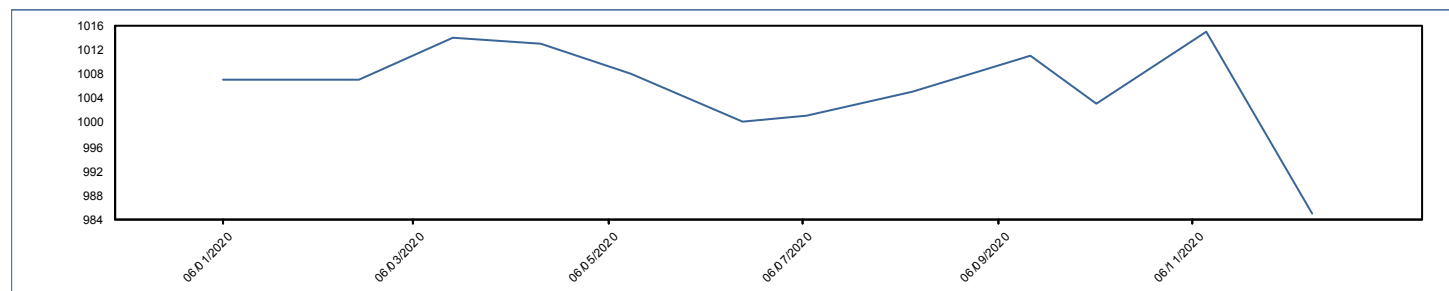
PBGB00G1

Number of readings

12

Number of breaches

0



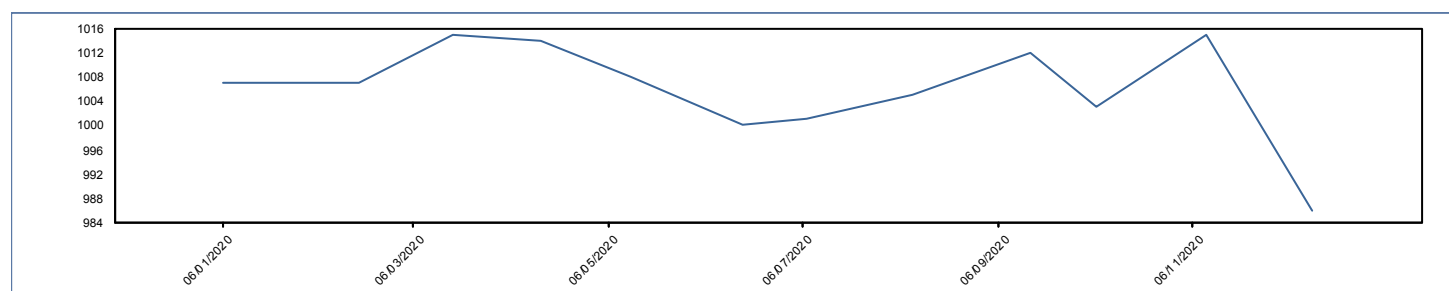
PBGB00G2

Number of readings

12

Number of breaches

0



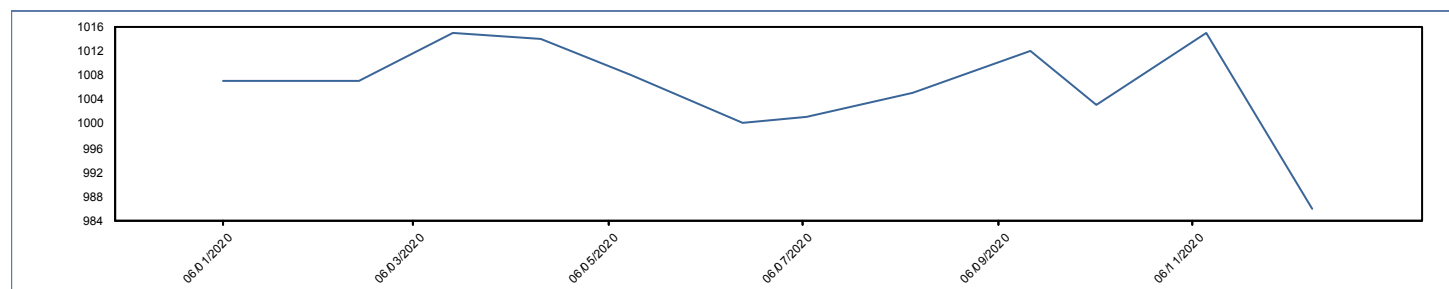
PBGB00G3

Number of readings

12

Number of breaches

0



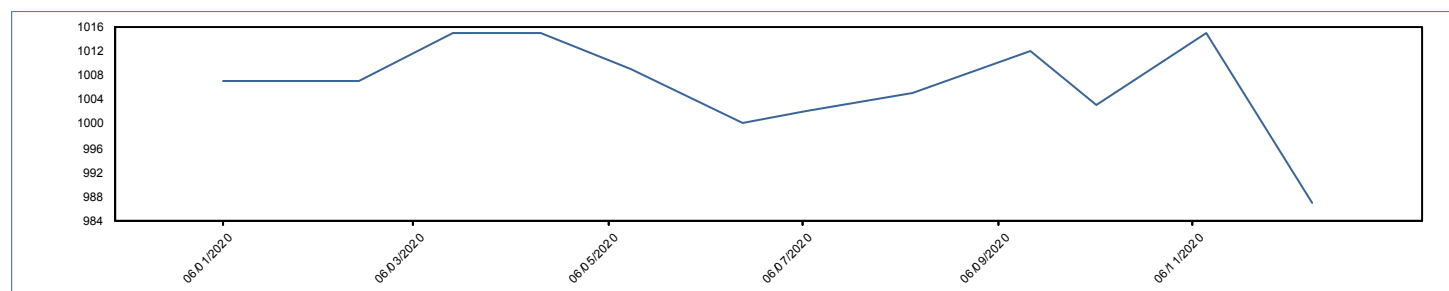
PBGB00G4

Number of readings

12

Number of breaches

0



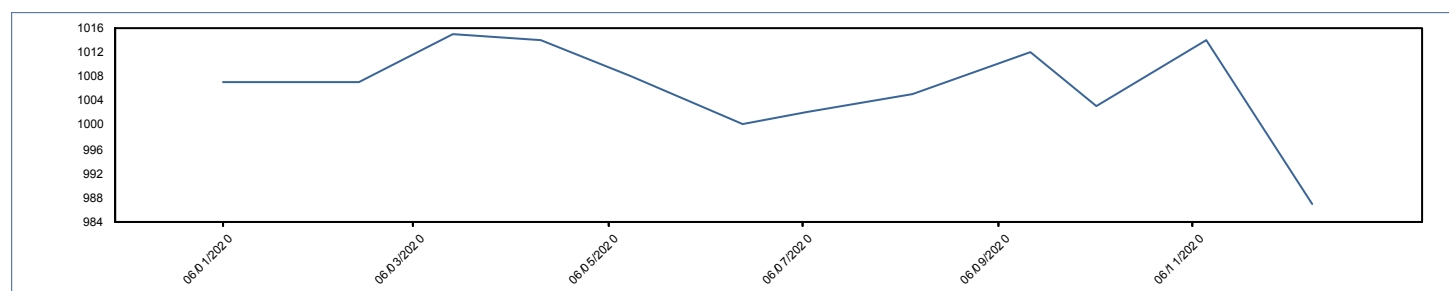
PBGB00G5

Number of readings

12

Number of breaches

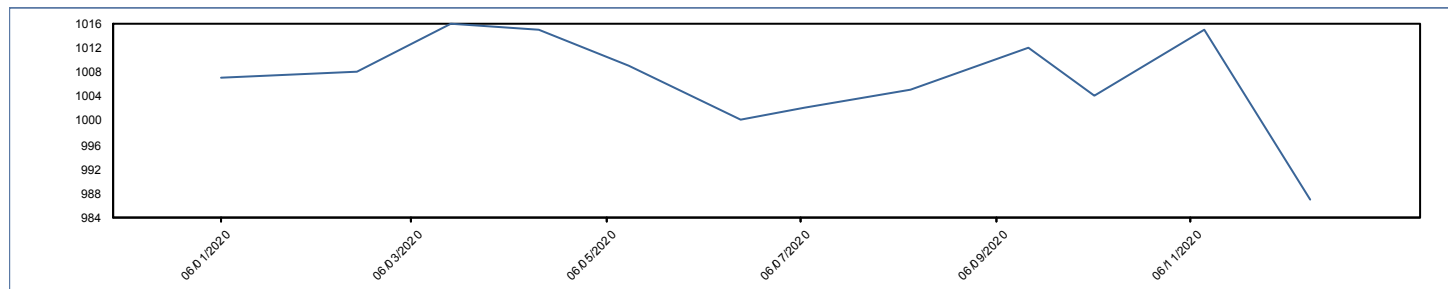
0



Data from: 1 Jan 2020 to: 31 Dec 2020

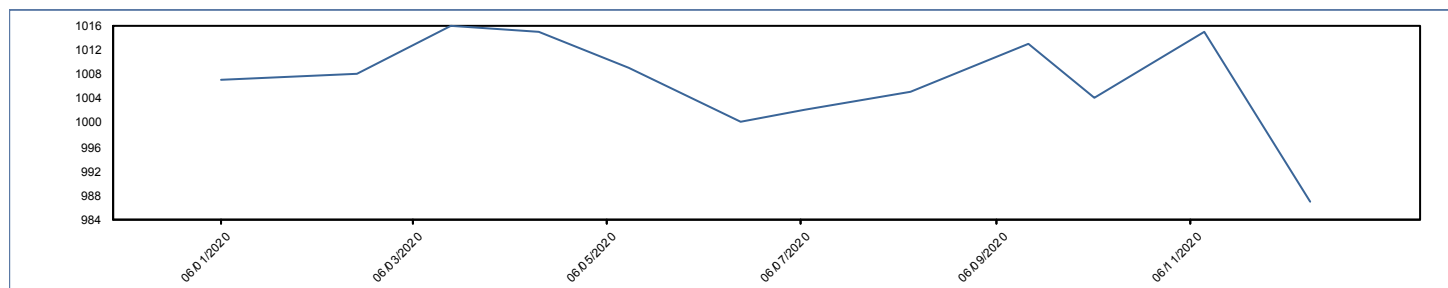
PBGB00G6

Number of readings 12 Number of breaches 0



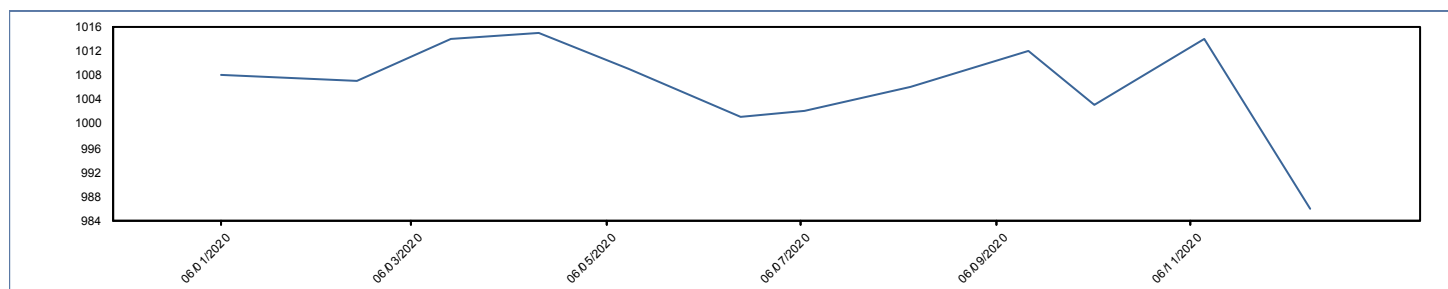
PBGB00G7

Number of readings 12 Number of breaches 0



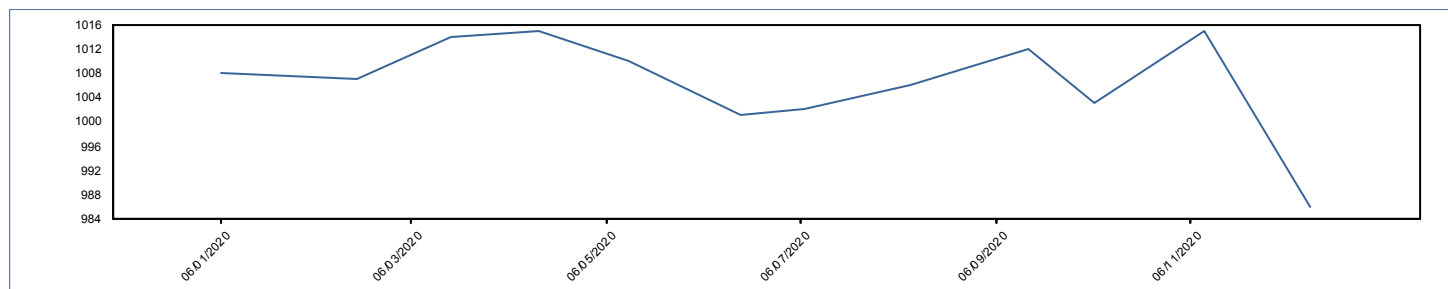
PBGB00G8

Number of readings 12 Number of breaches 0



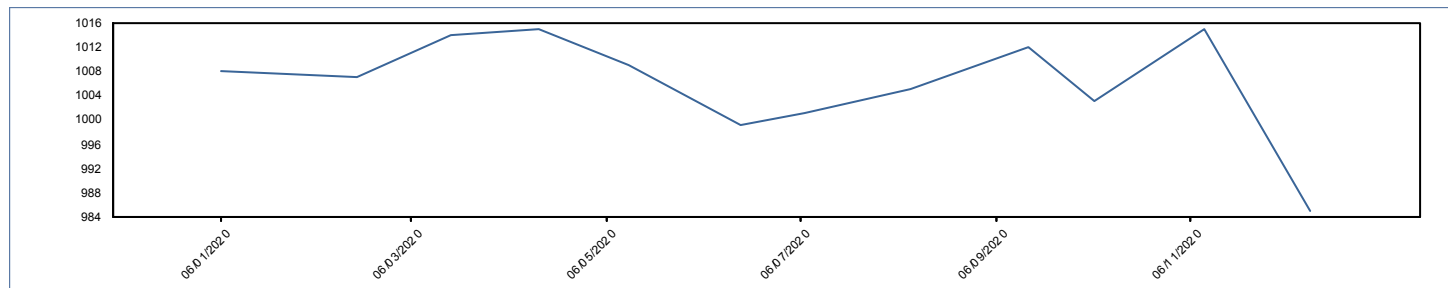
PBGB00G9

Number of readings 12 Number of breaches 0



PBGB00G10

Number of readings 12 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

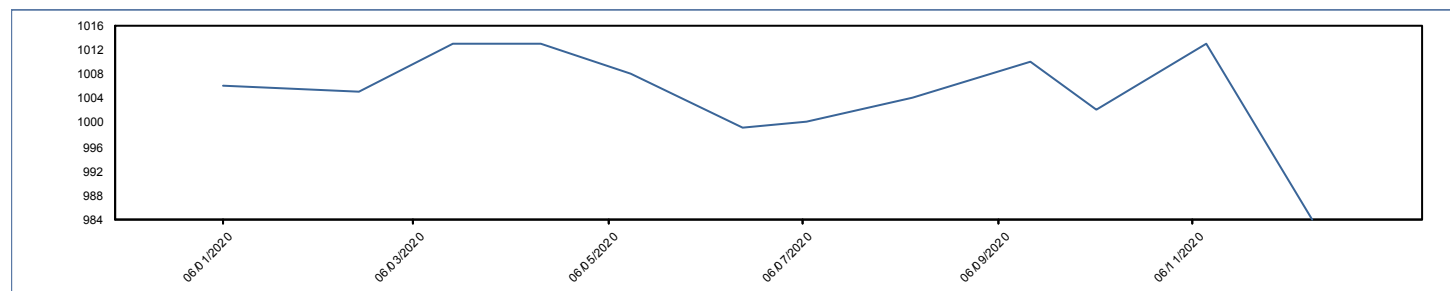
PBGB0G11

Number of readings

12

Number of breaches

0



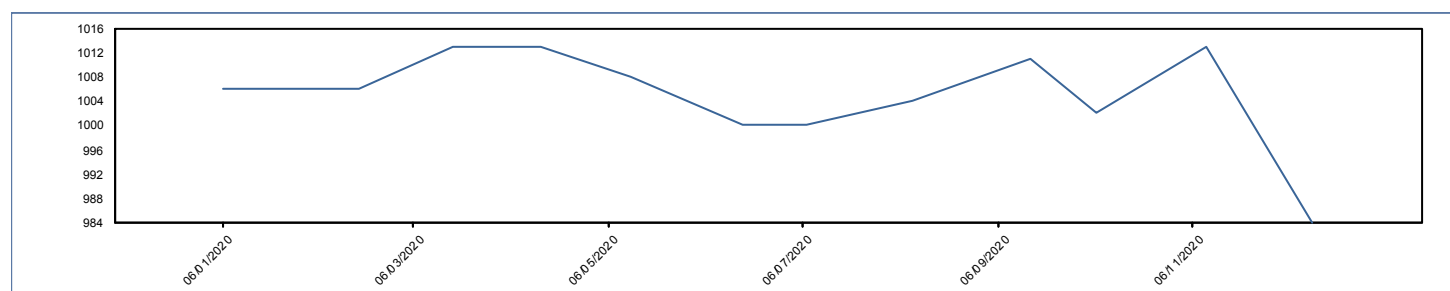
PBGB0G12

Number of readings

12

Number of breaches

0



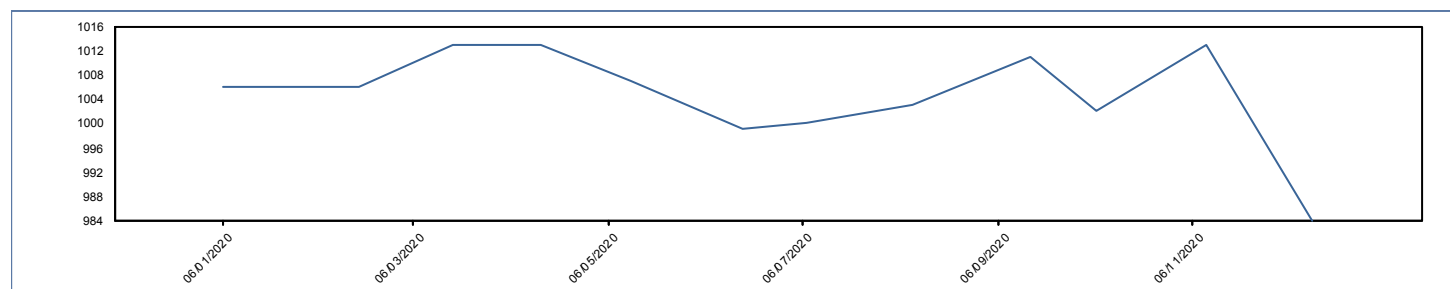
PBGB0G13

Number of readings

12

Number of breaches

0



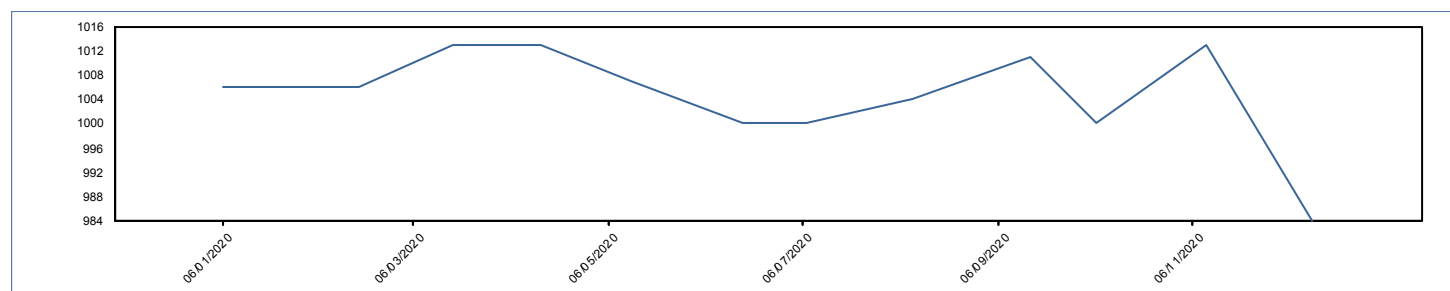
PBGB0G14

Number of readings

12

Number of breaches

0



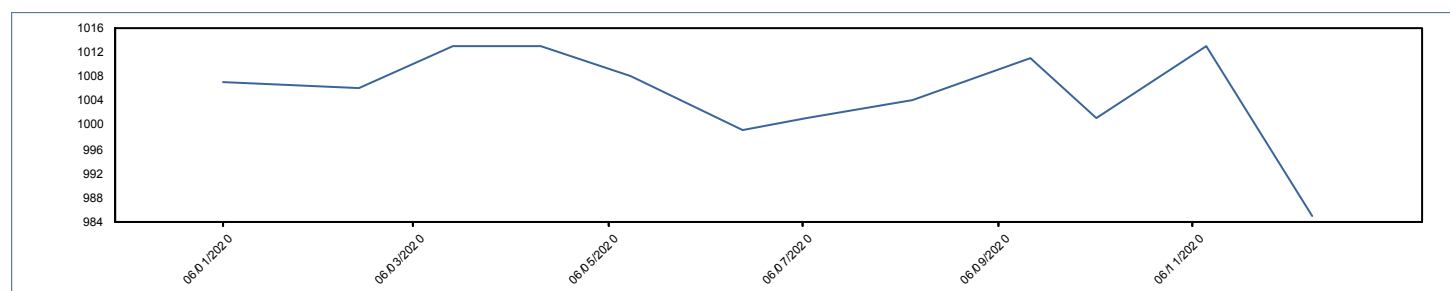
PBGB0G15

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

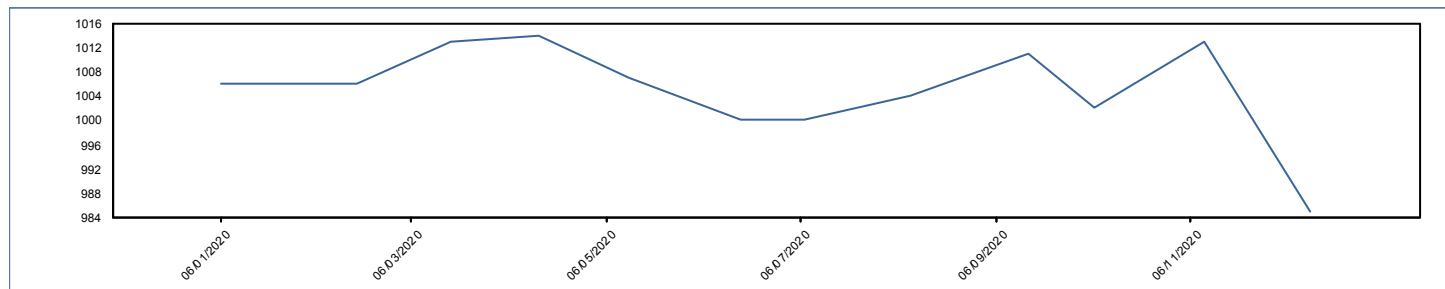
PBGB0G16

Number of readings

12

Number of breaches

0



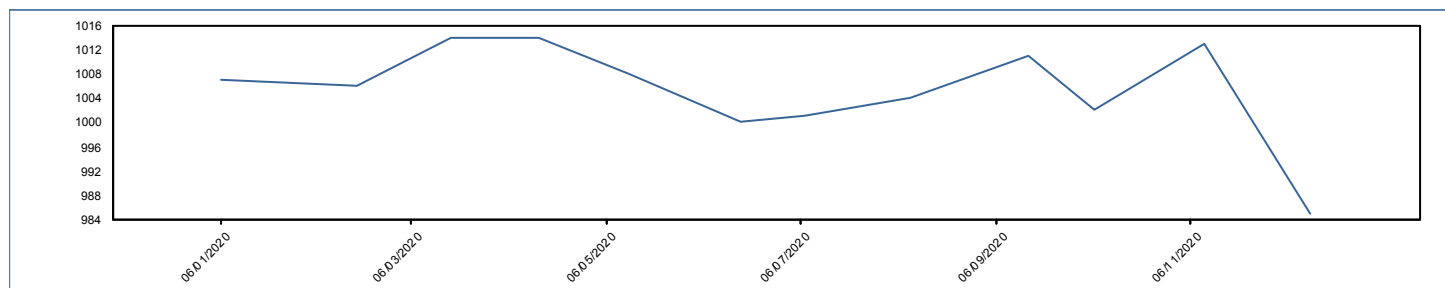
PBGB0G17

Number of readings

12

Number of breaches

0



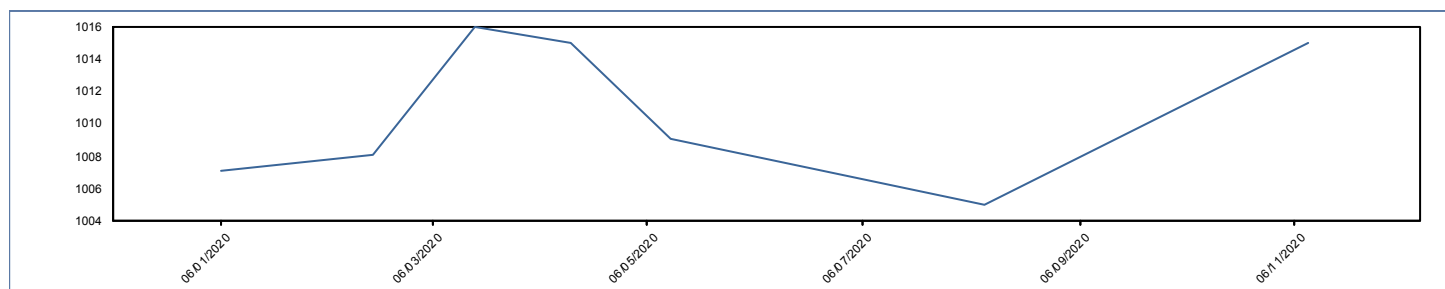
PBT00001

Number of readings

7

Number of breaches

0



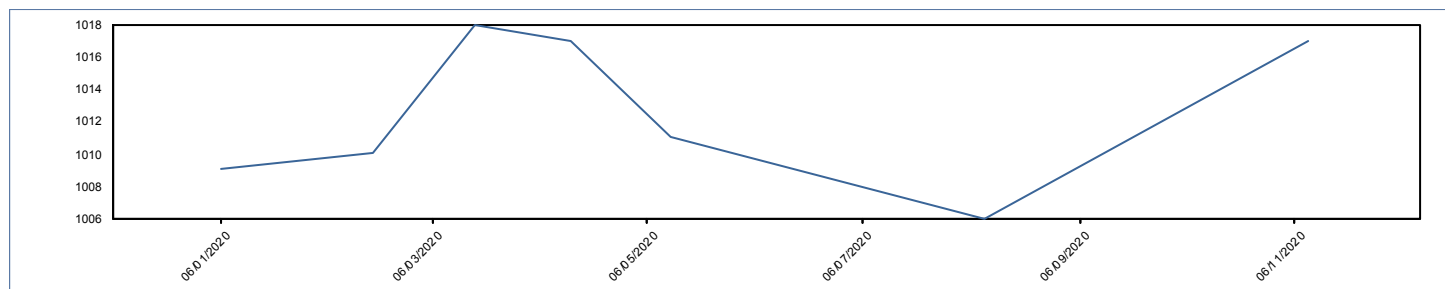
PBT00002

Number of readings

7

Number of breaches

0



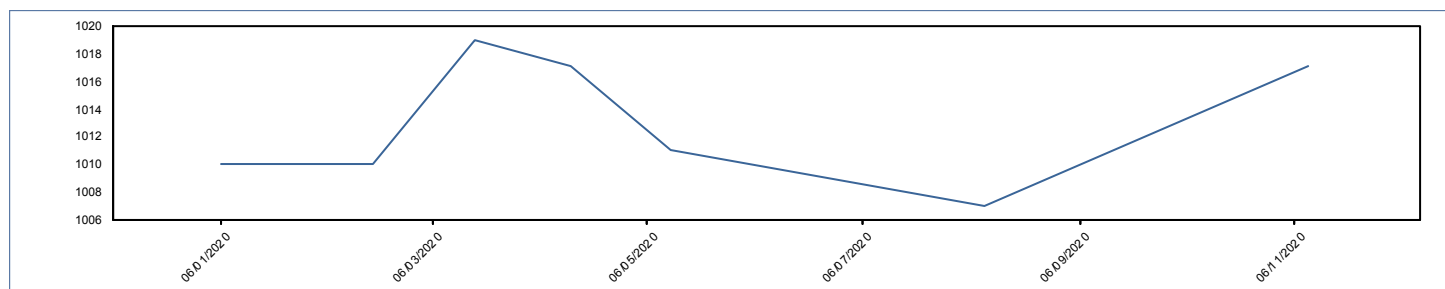
PBT00003

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

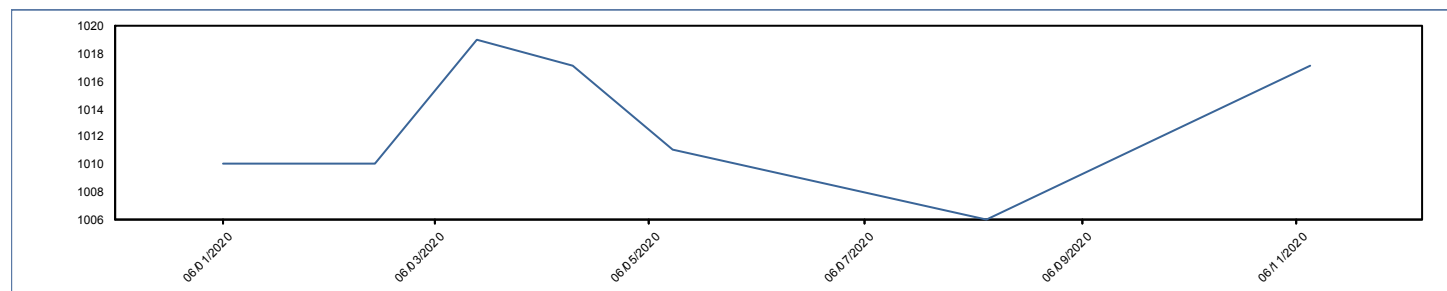
PBT00004

Number of readings

7

Number of breaches

0



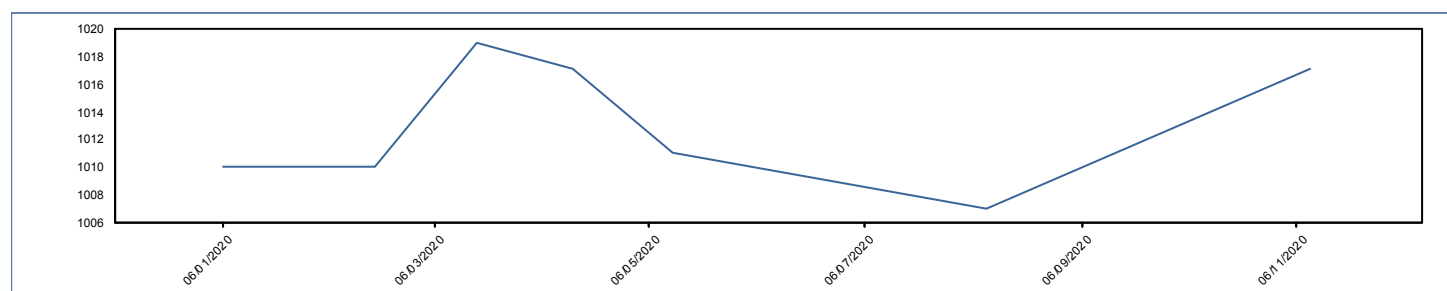
PBT00005

Number of readings

7

Number of breaches

0



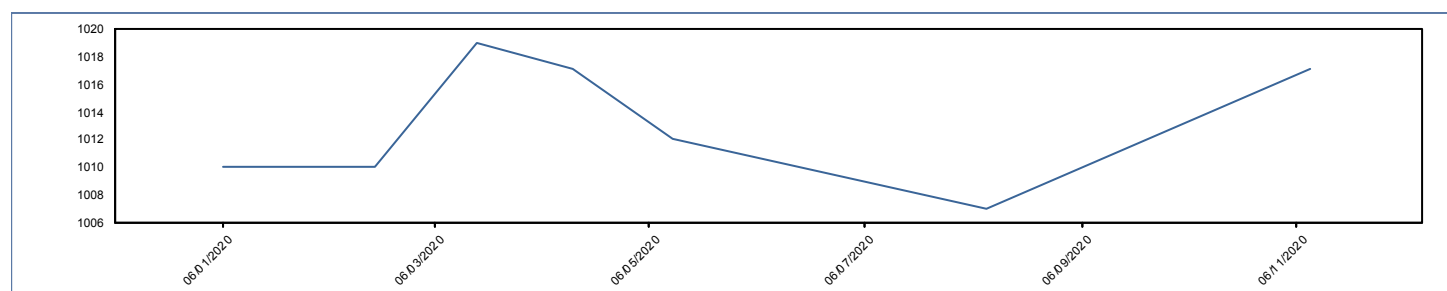
PBT00006

Number of readings

7

Number of breaches

0



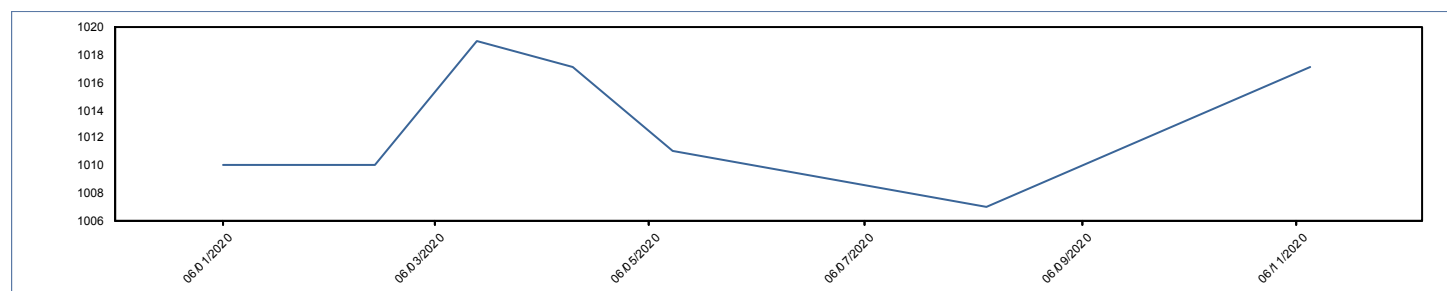
PBT00007

Number of readings

7

Number of breaches

0



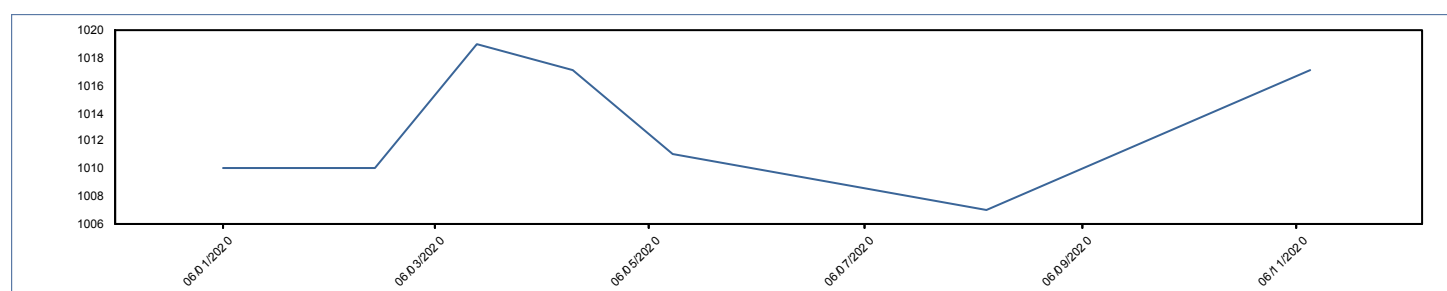
PBT00008

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

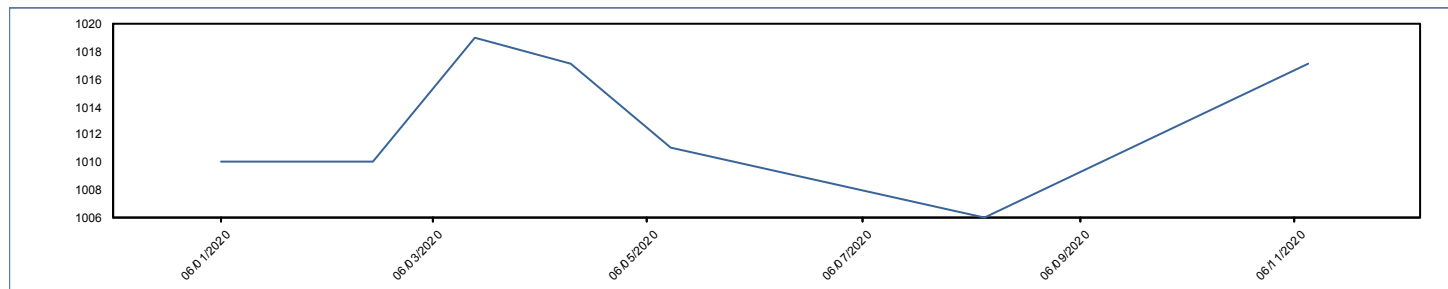
PBT00009

Number of readings

7

Number of breaches

0



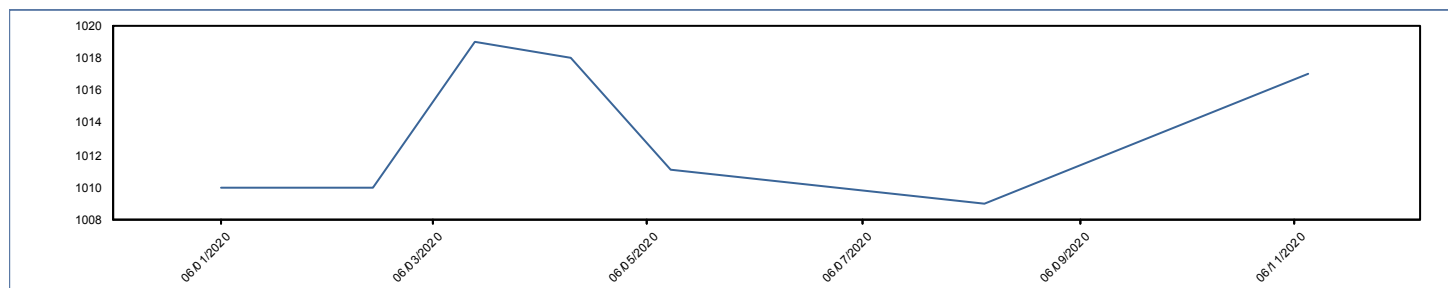
PBT00010

Number of readings

7

Number of breaches

0



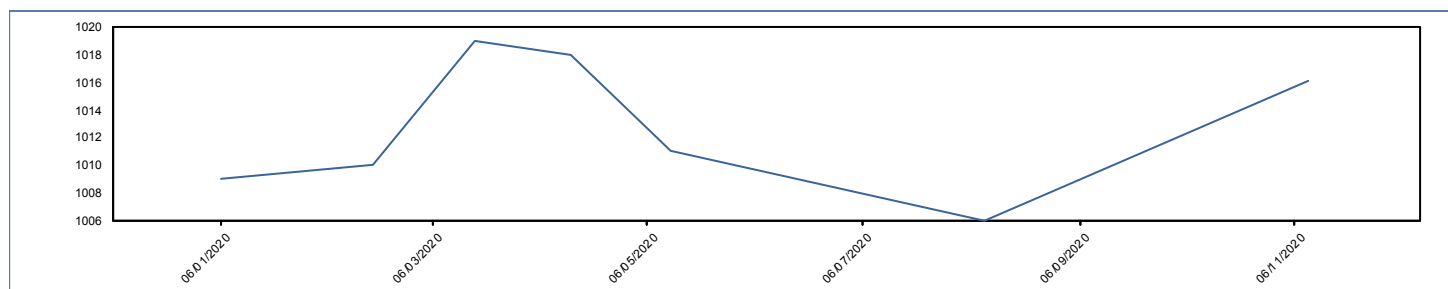
PBT00011

Number of readings

7

Number of breaches

0



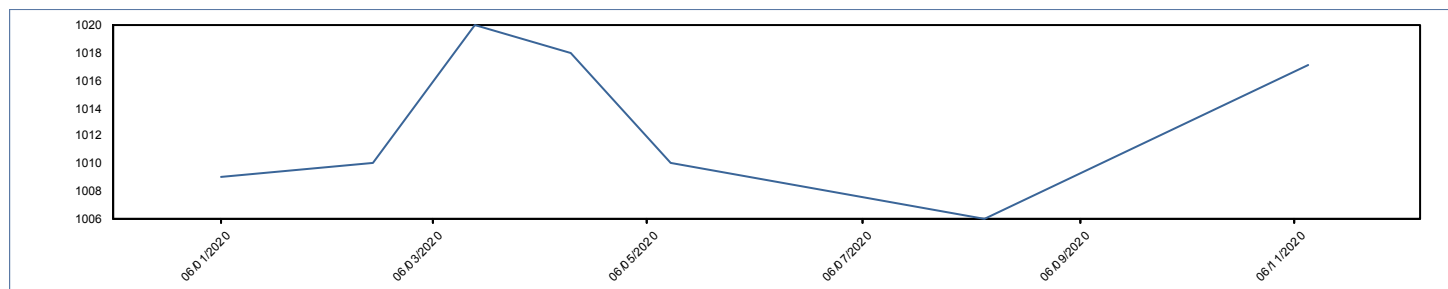
PBT00012

Number of readings

7

Number of breaches

0



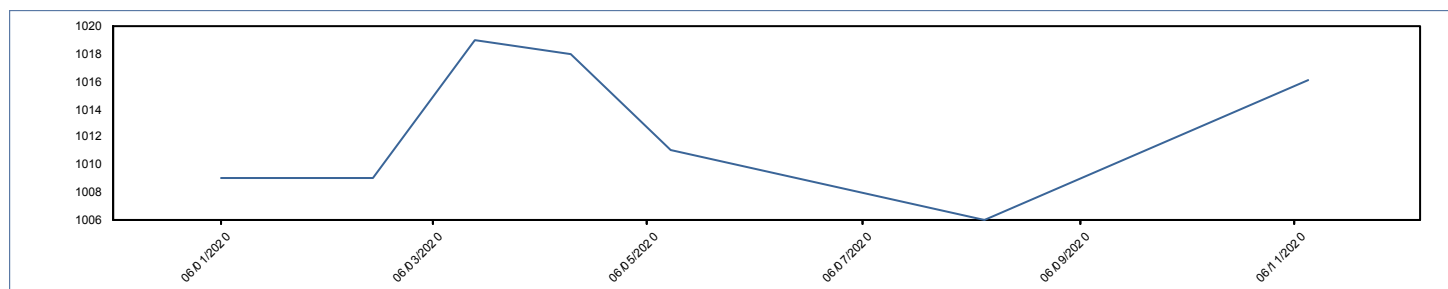
PBT00013

Number of readings

7

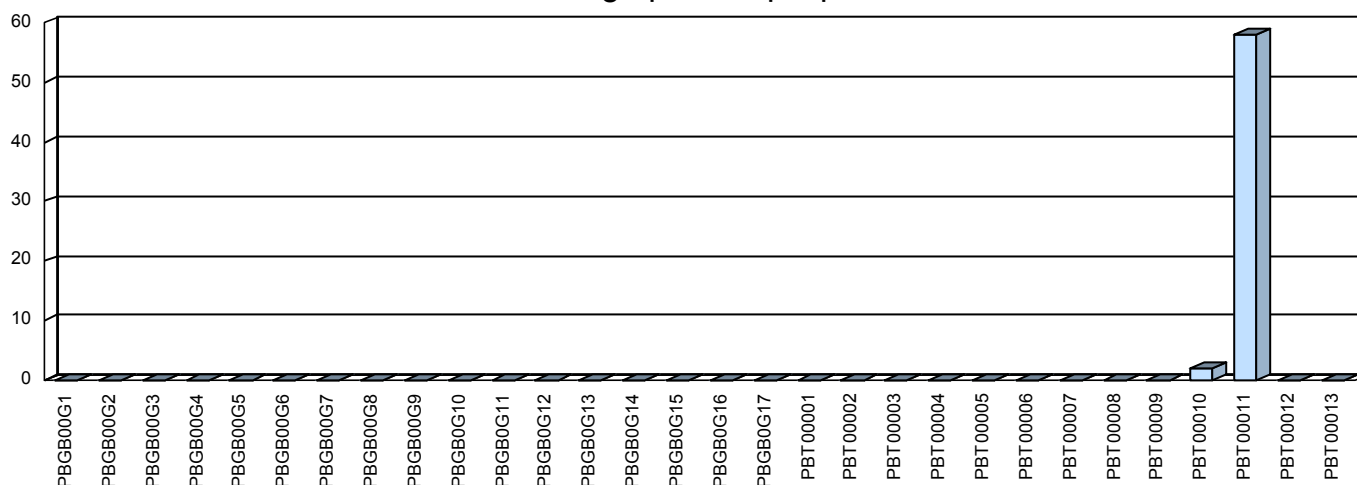
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G2	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G3	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G4	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G5	12	0	0.00	0.10	0.01	0.10	0.03	0.00	0.10
PBGB00G6	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G7	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G8	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G9	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G10	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G11	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G12	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G13	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G14	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G15	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G16	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G17	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00001	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00002	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00003	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00004	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00005	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00006	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00007	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00008	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00009	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00010	7	4	0.00	9.20	2.13	14.90	2.97	8.79	9.20
PBT00011	7	0	20.10	69.60	58.10	406.70	16.40	269.09	69.60
PBT00012	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00013	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	295	4	0.00	69.60	1.43	421.70	9.21	84.76	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

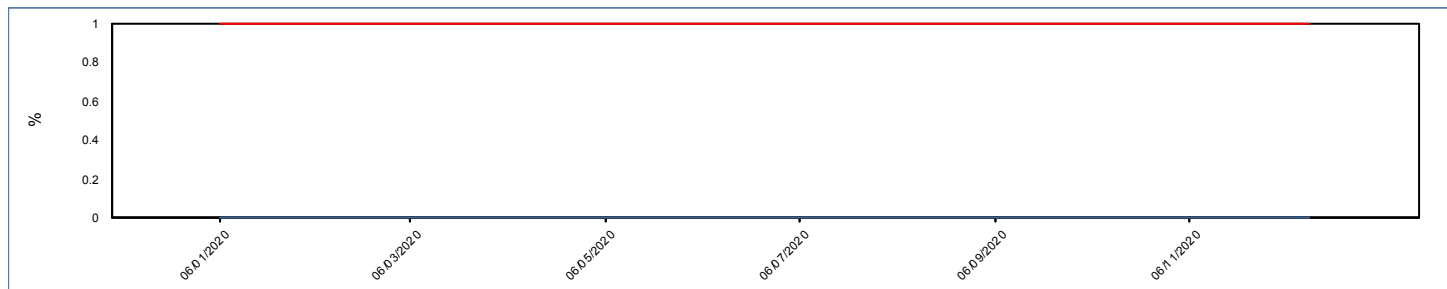
PBGB00G1

Number of readings

12

Number of breaches

0



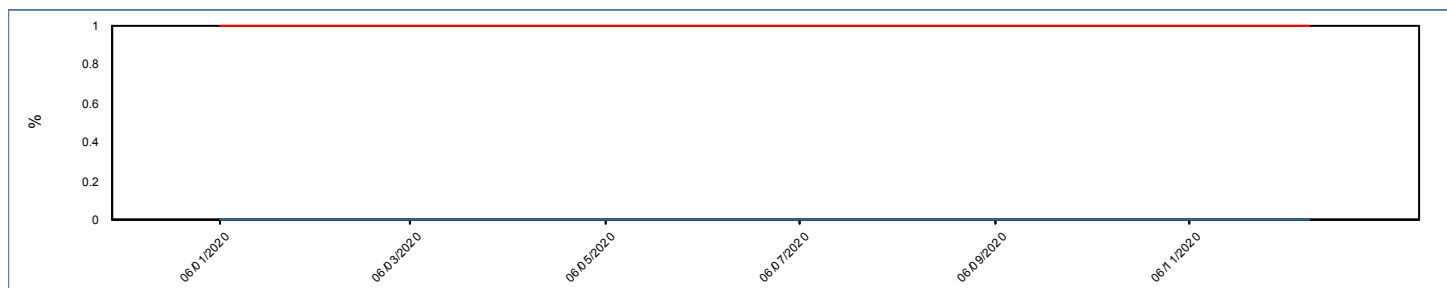
PBGB00G2

Number of readings

12

Number of breaches

0



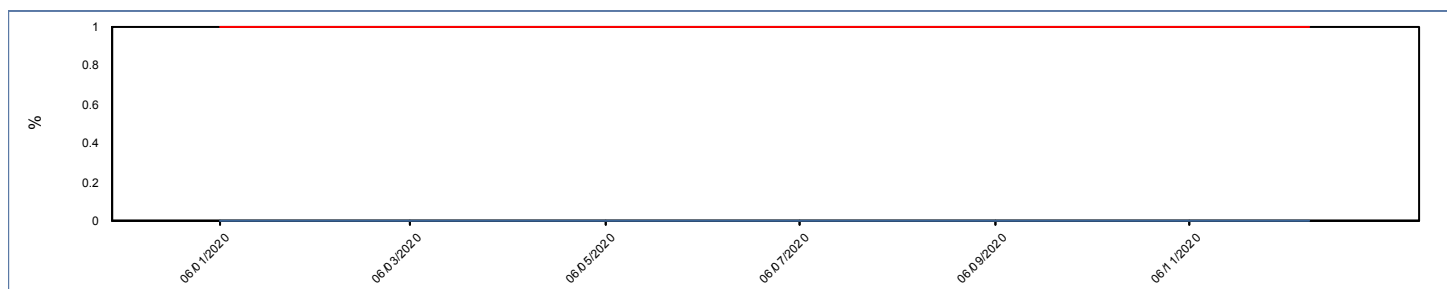
PBGB00G3

Number of readings

12

Number of breaches

0



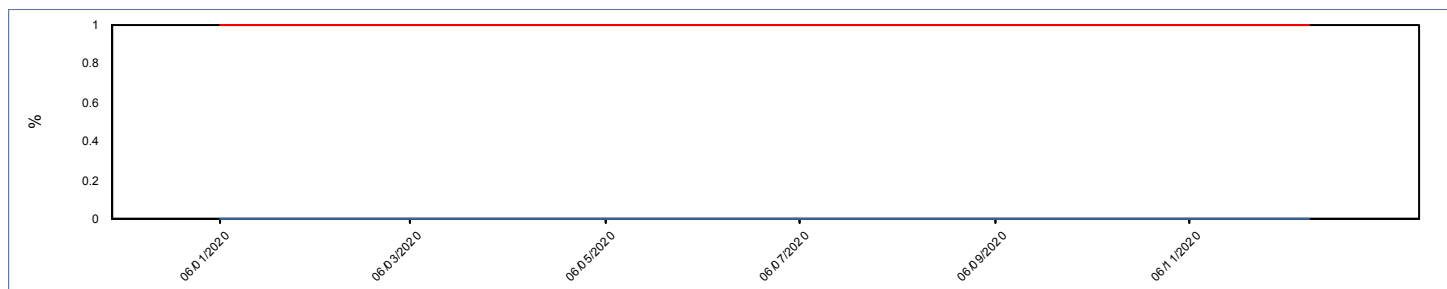
PBGB00G4

Number of readings

12

Number of breaches

0



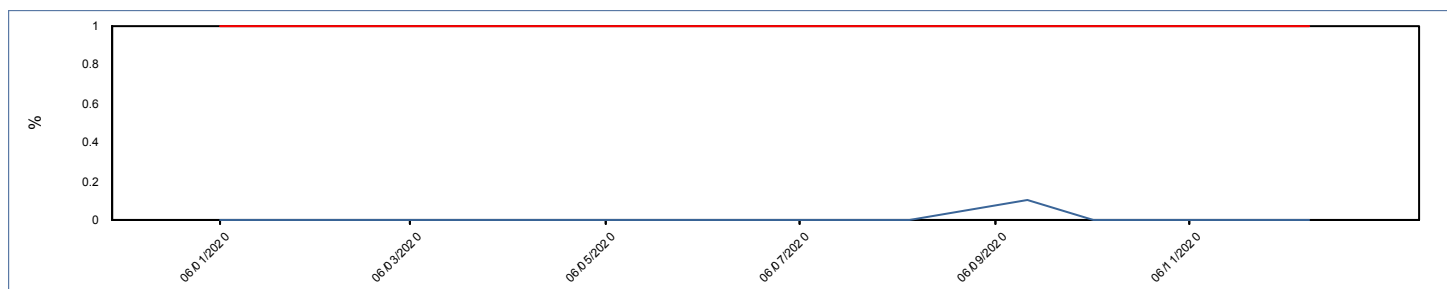
PBGB00G5

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

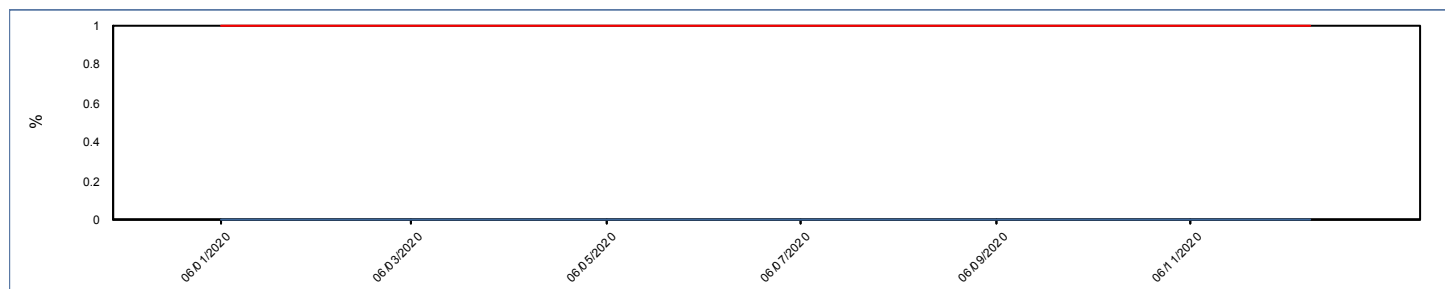
PBGB00G6

Number of readings

12

Number of breaches

0



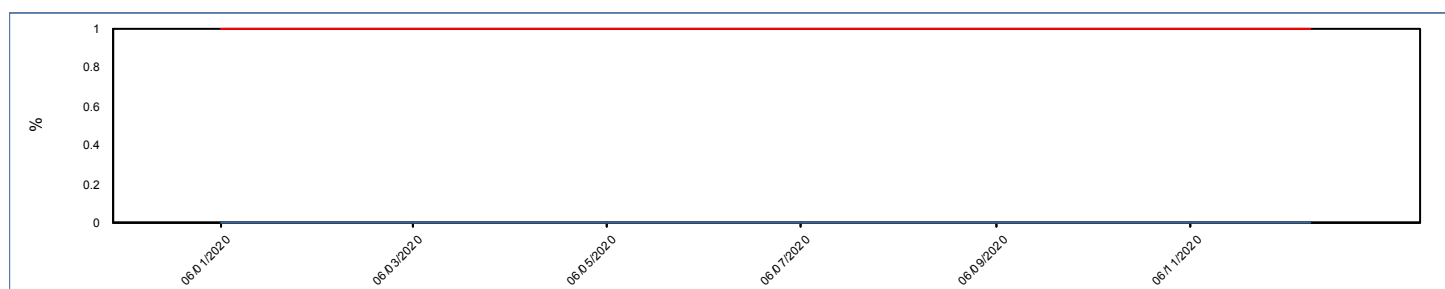
PBGB00G7

Number of readings

12

Number of breaches

0



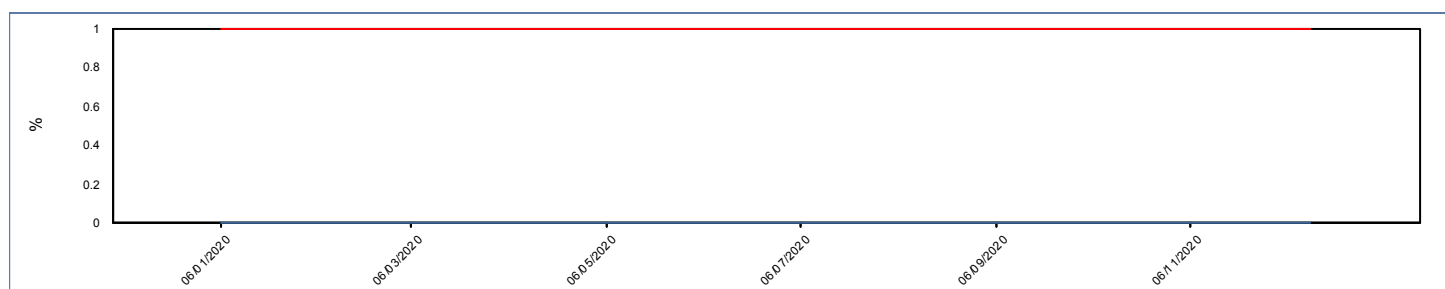
PBGB00G8

Number of readings

12

Number of breaches

0



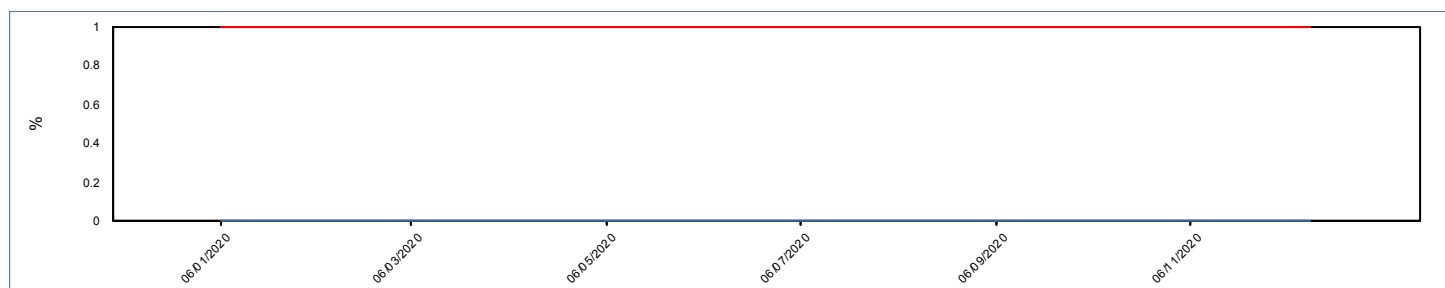
PBGB00G9

Number of readings

12

Number of breaches

0



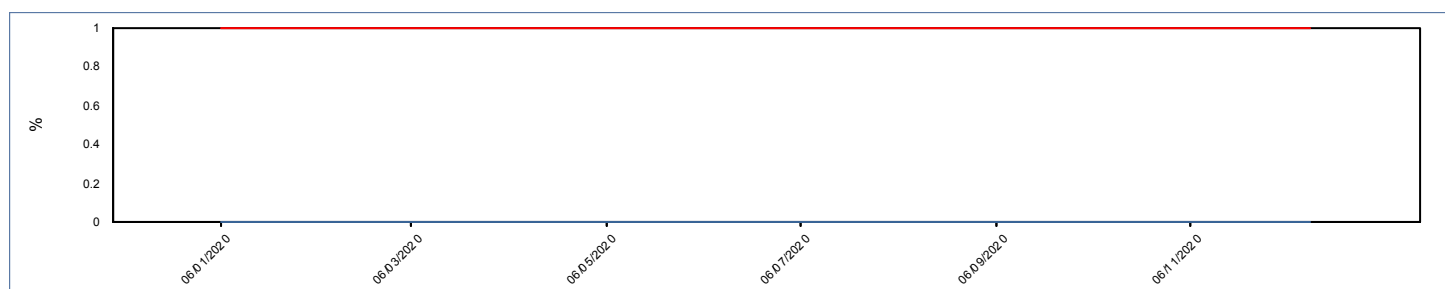
PBGB00G10

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

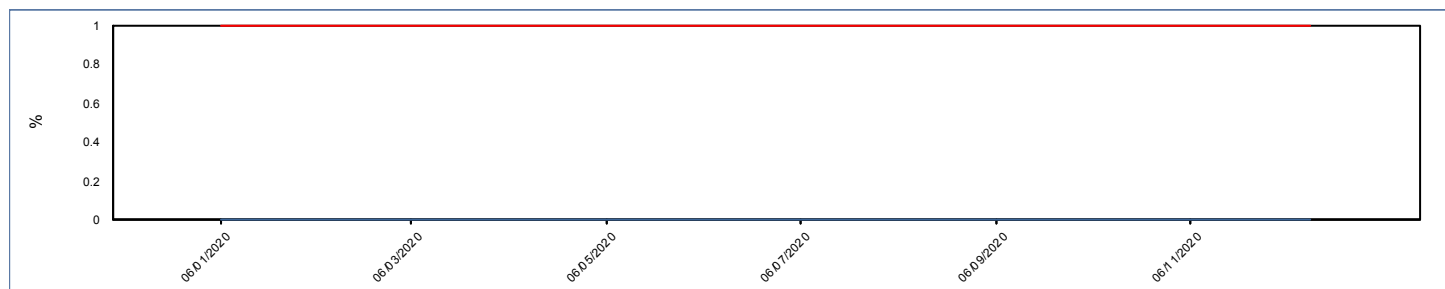
PBGB0G11

Number of readings

12

Number of breaches

0



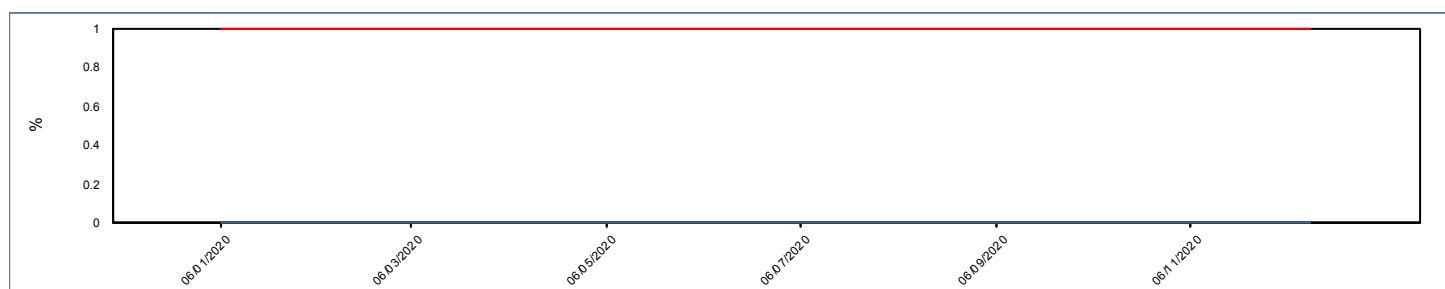
PBGB0G12

Number of readings

12

Number of breaches

0



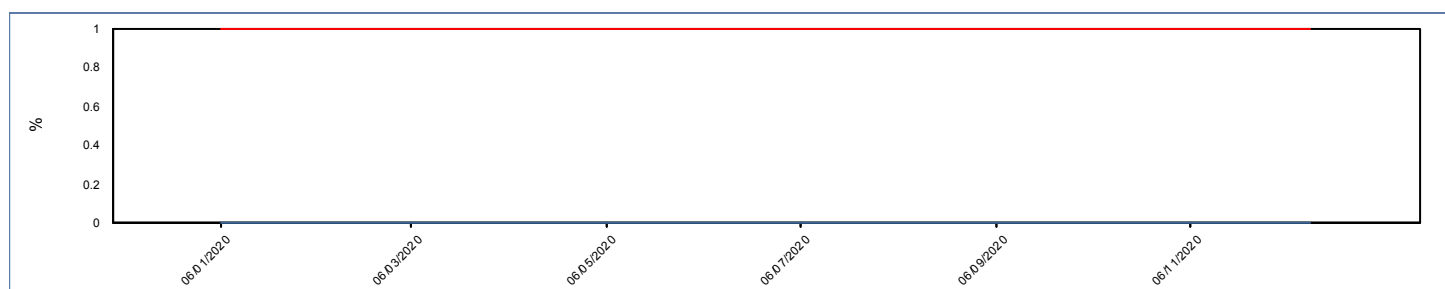
PBGB0G13

Number of readings

12

Number of breaches

0



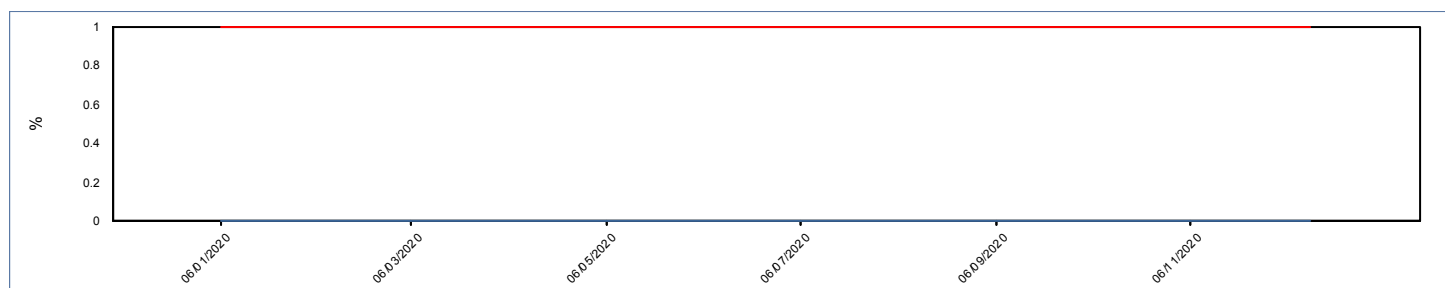
PBGB0G14

Number of readings

12

Number of breaches

0



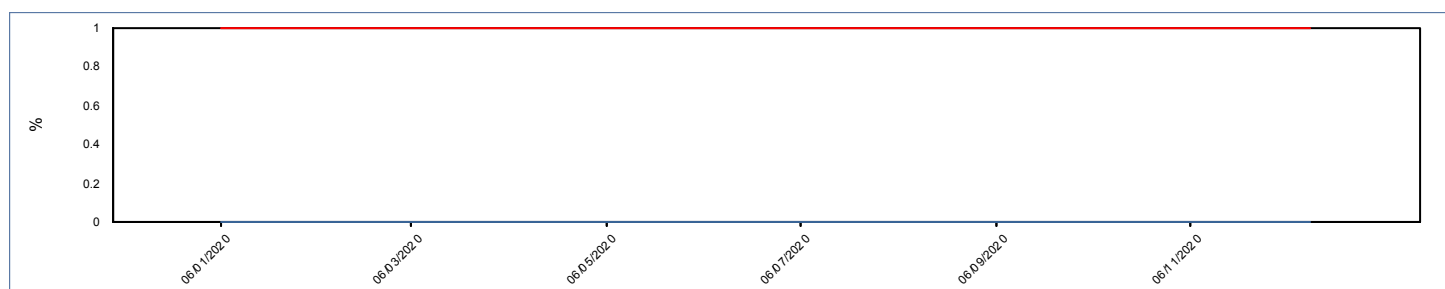
PBGB0G15

Number of readings

12

Number of breaches

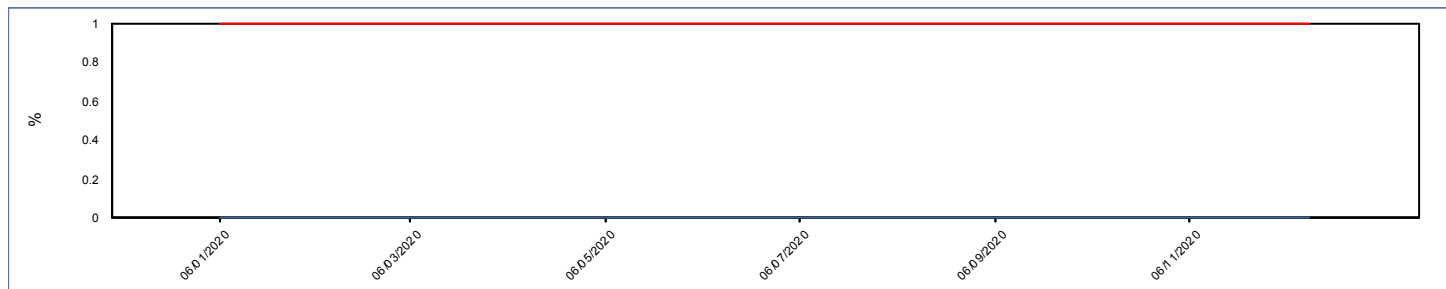
0



Data from: 1 Jan 2020 to: 31 Dec 2020

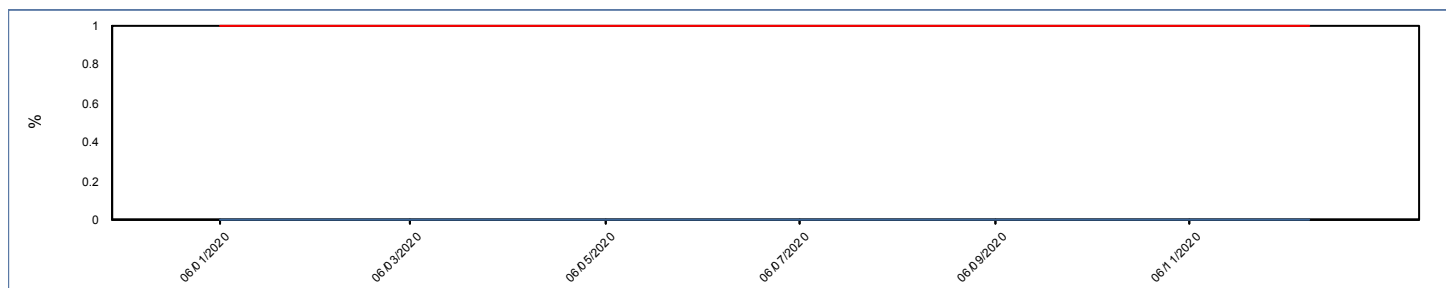
PBGB0G16

Number of readings 12 Number of breaches 0



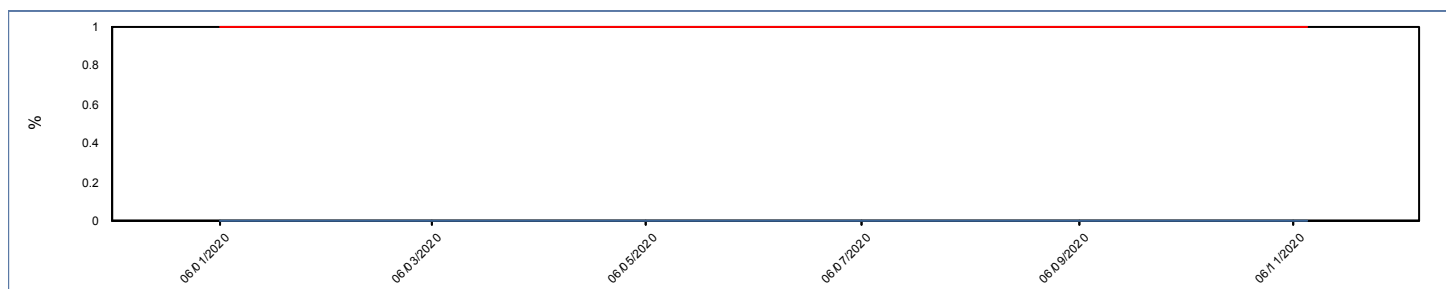
PBGB0G17

Number of readings 12 Number of breaches 0



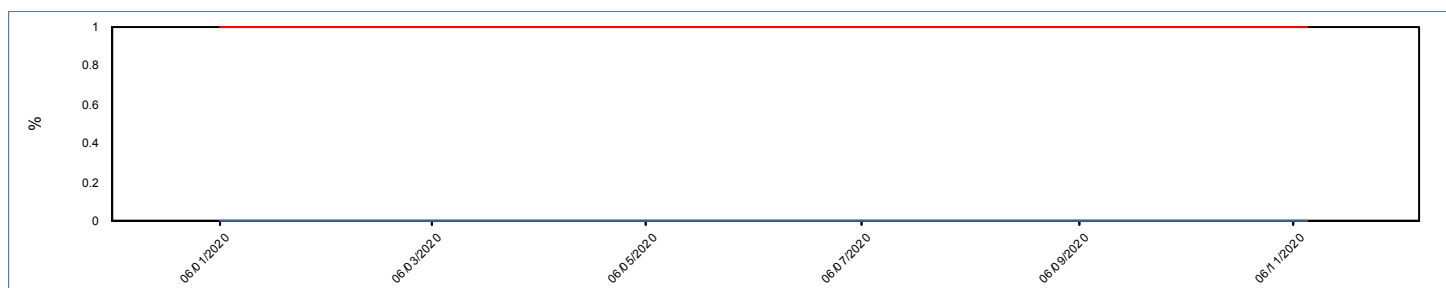
PBT00001

Number of readings 7 Number of breaches 0



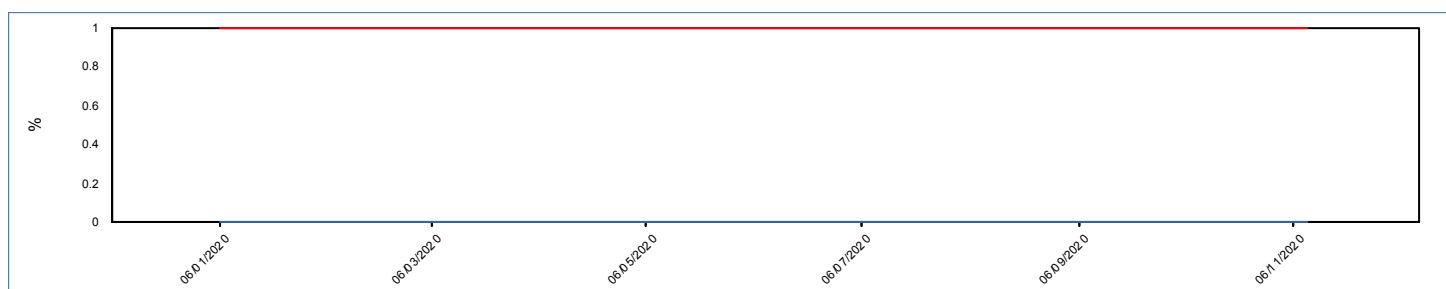
PBT00002

Number of readings 7 Number of breaches 0



PBT00003

Number of readings 7 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

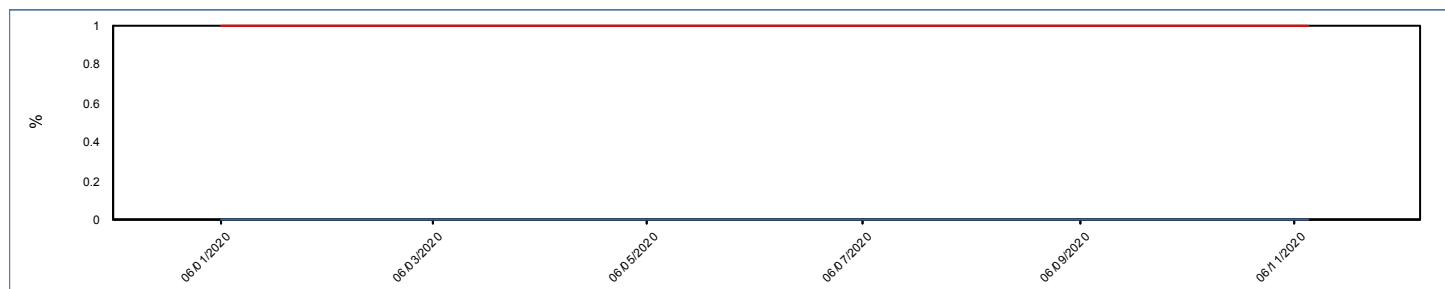
PBT00004

Number of readings

7

Number of breaches

0



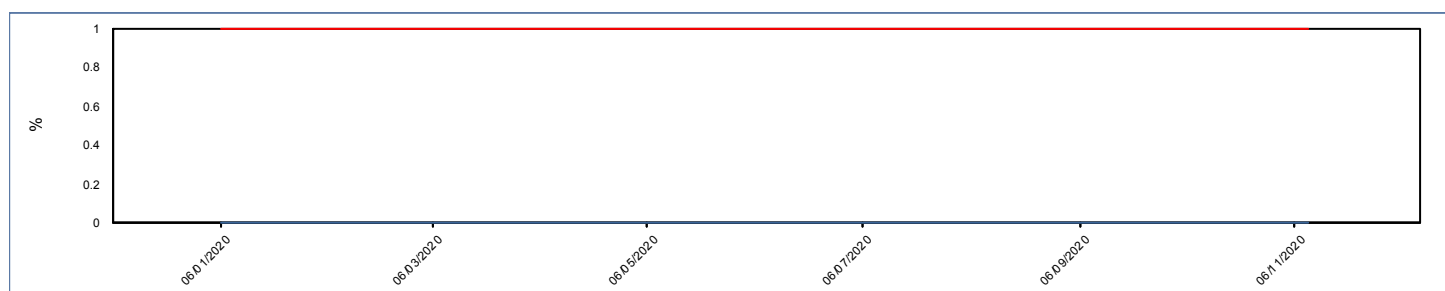
PBT00005

Number of readings

7

Number of breaches

0



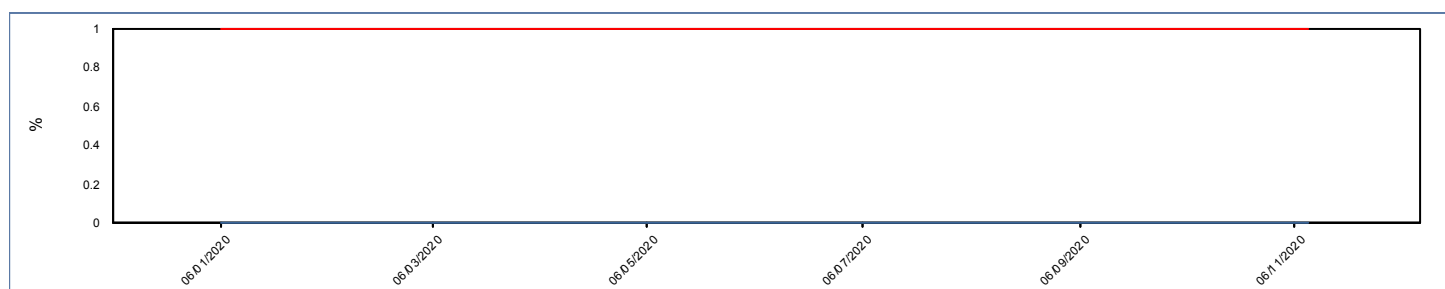
PBT00006

Number of readings

7

Number of breaches

0



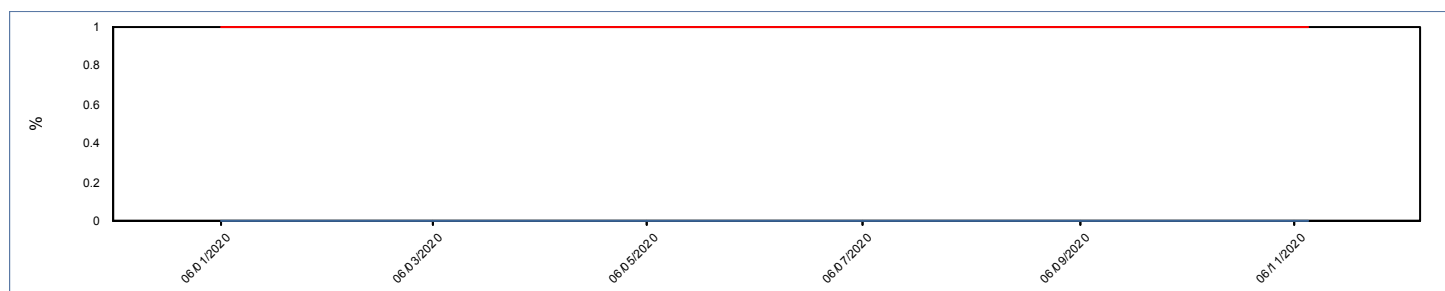
PBT00007

Number of readings

7

Number of breaches

0



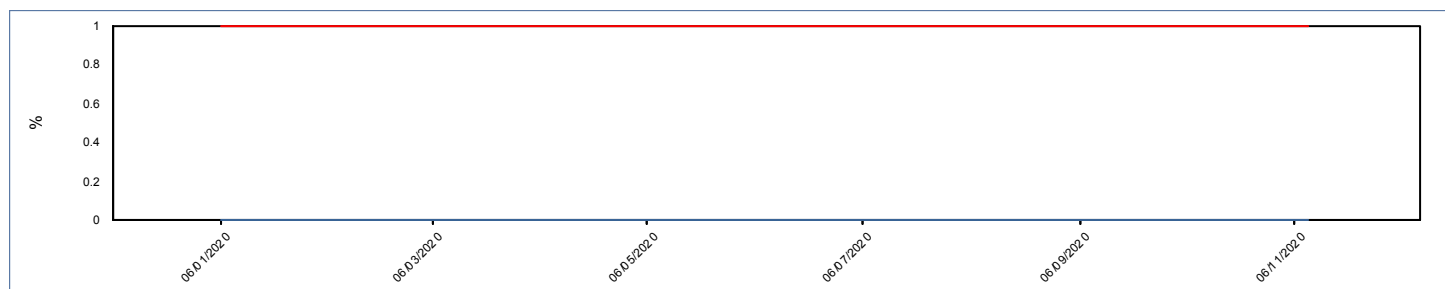
PBT00008

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

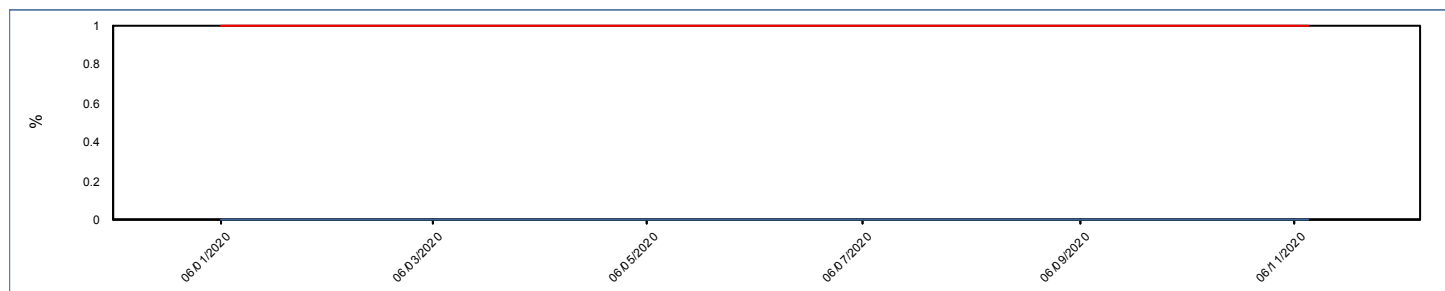
PBT00009

Number of readings

7

Number of breaches

0



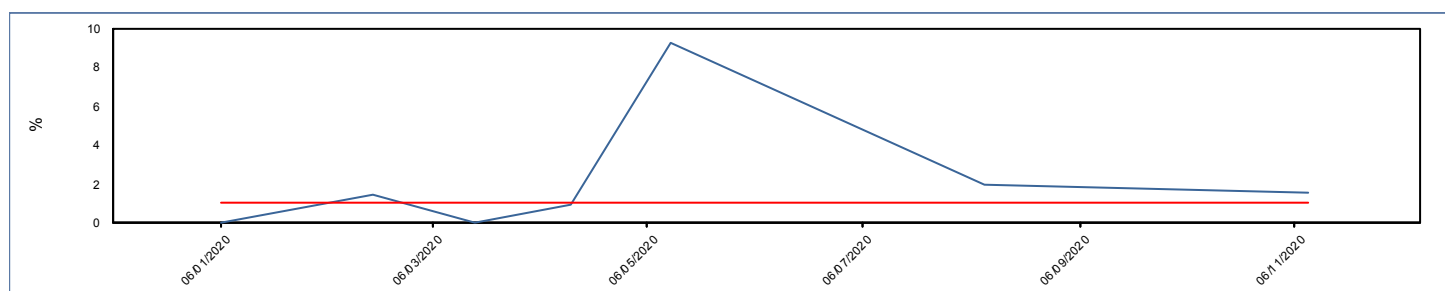
PBT00010

Number of readings

7

Number of breaches

4



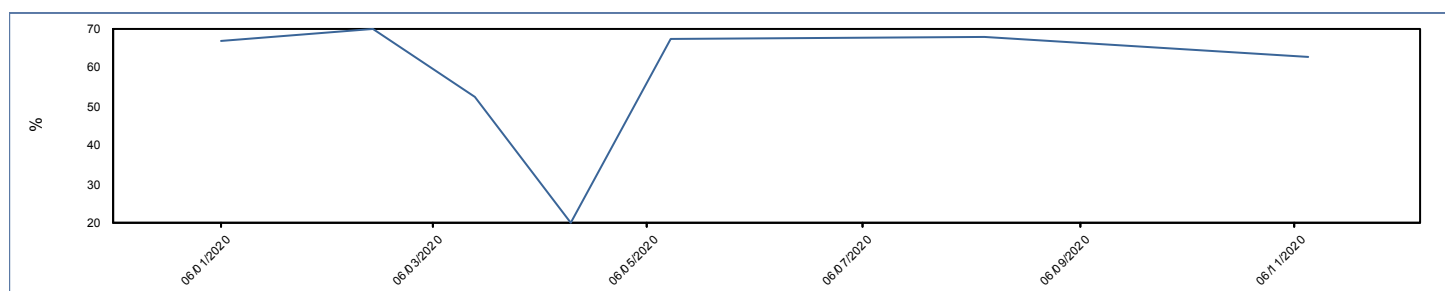
PBT00011

Number of readings

7

Number of breaches

0



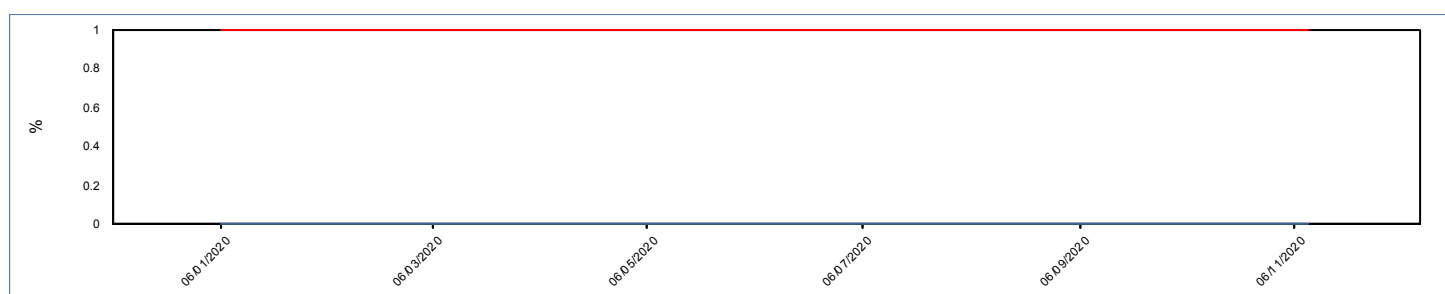
PBT00012

Number of readings

7

Number of breaches

0



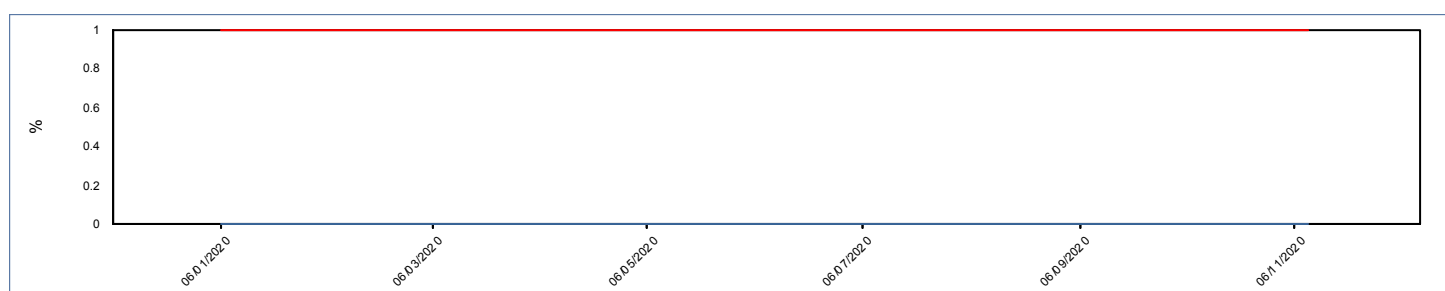
PBT00013

Number of readings

7

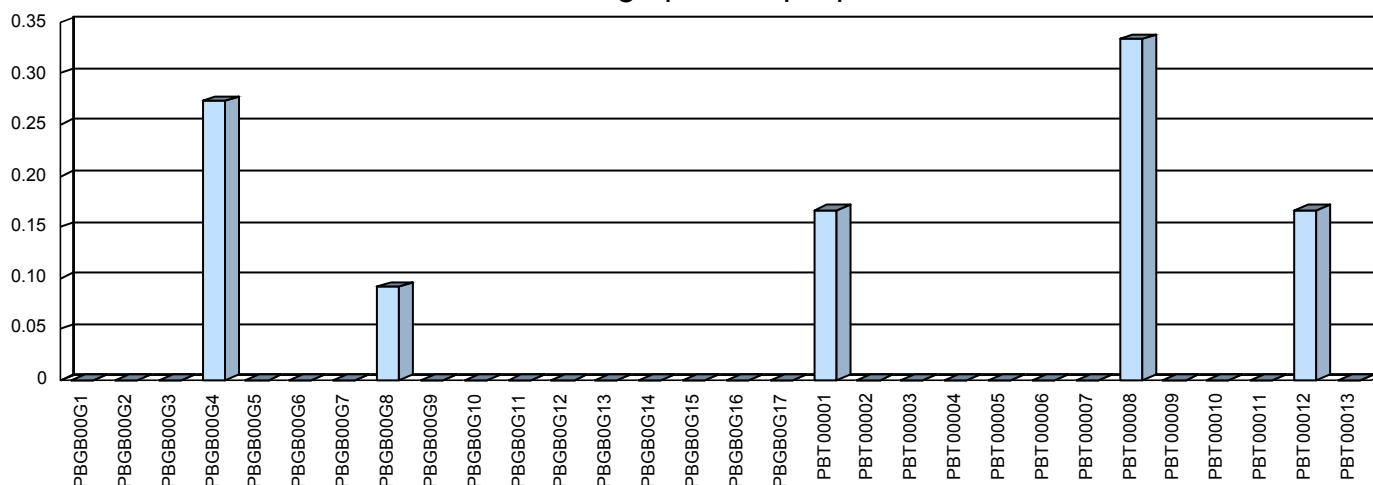
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G2	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G3	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G4	11	0	0.00	3.00	0.27	3.00	0.86	0.74	3.00
PBGB00G5	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G6	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G7	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G8	11	0	0.00	1.00	0.09	1.00	0.29	0.08	1.00
PBGB00G9	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G10	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G11	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G12	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G13	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G14	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G15	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G16	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G17	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00001	6	0	0.00	1.00	0.17	1.00	0.37	0.14	1.00
PBT00002	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00003	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00004	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00005	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00006	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00007	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00008	6	0	0.00	1.00	0.33	2.00	0.47	0.22	1.00
PBT00009	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00010	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00011	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00012	6	0	0.00	1.00	0.17	1.00	0.37	0.14	1.00
PBT00013	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	265	0	0.00	3.00	0.03	8.00	0.23	0.05	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

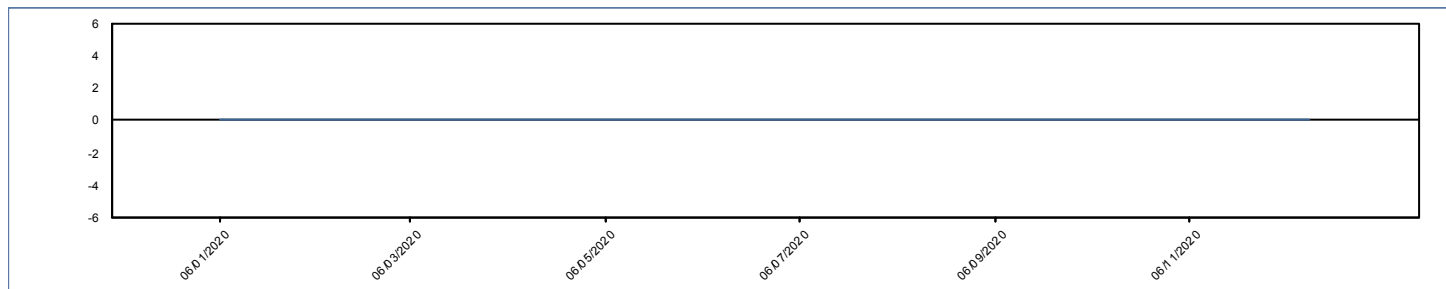
PBGB00G1

Number of readings

11

Number of breaches

0



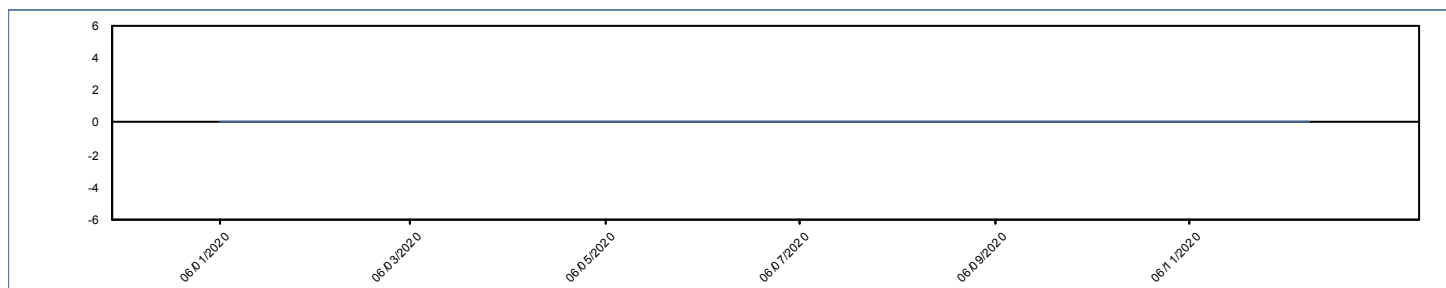
PBGB00G2

Number of readings

11

Number of breaches

0



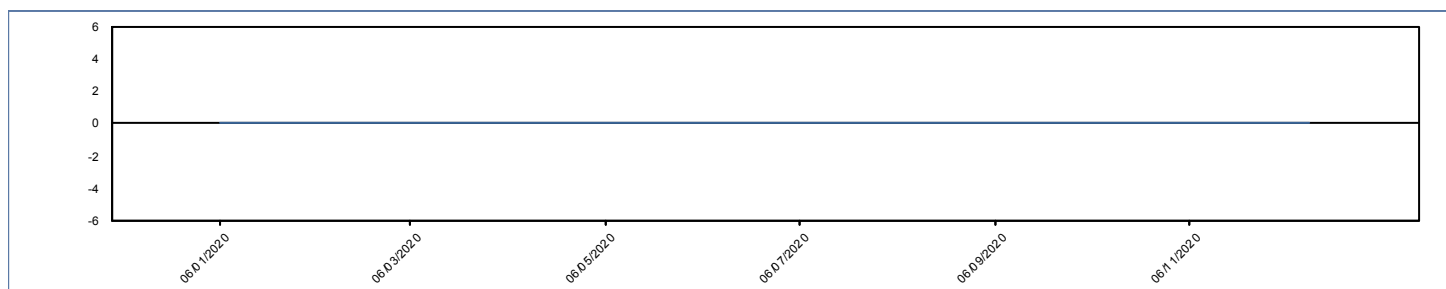
PBGB00G3

Number of readings

11

Number of breaches

0



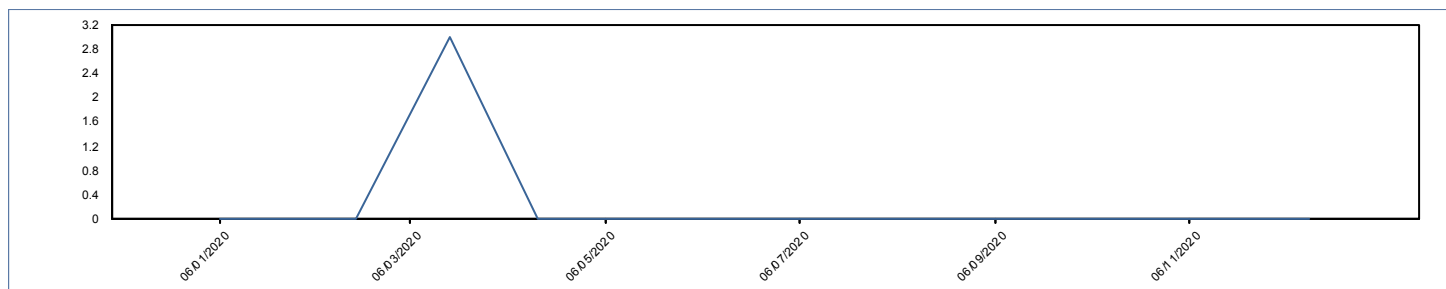
PBGB00G4

Number of readings

11

Number of breaches

0



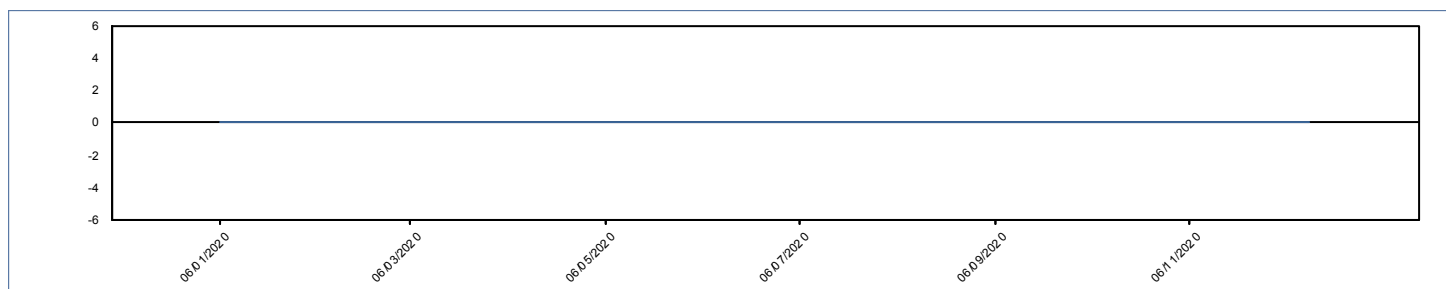
PBGB00G5

Number of readings

11

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

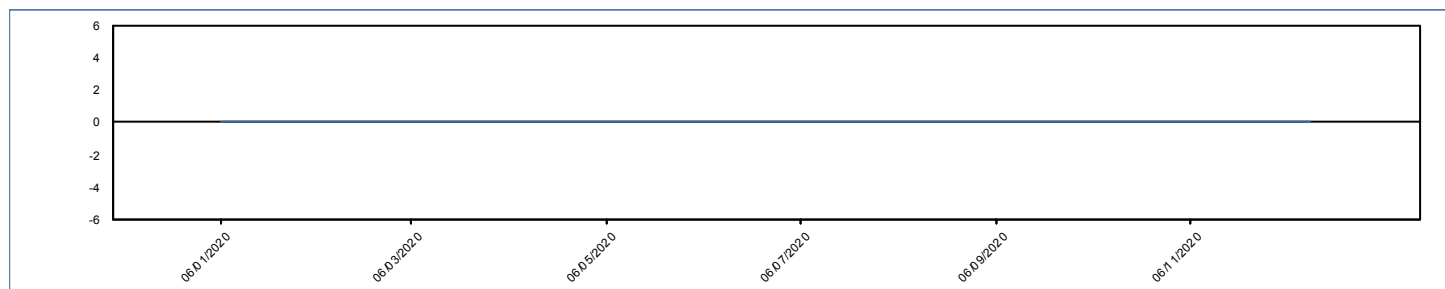
PBGB00G6

Number of readings

11

Number of breaches

0



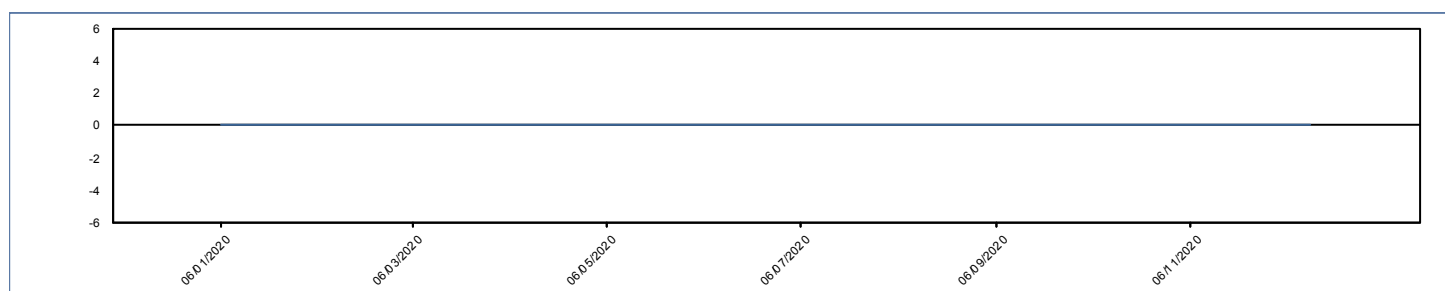
PBGB00G7

Number of readings

11

Number of breaches

0



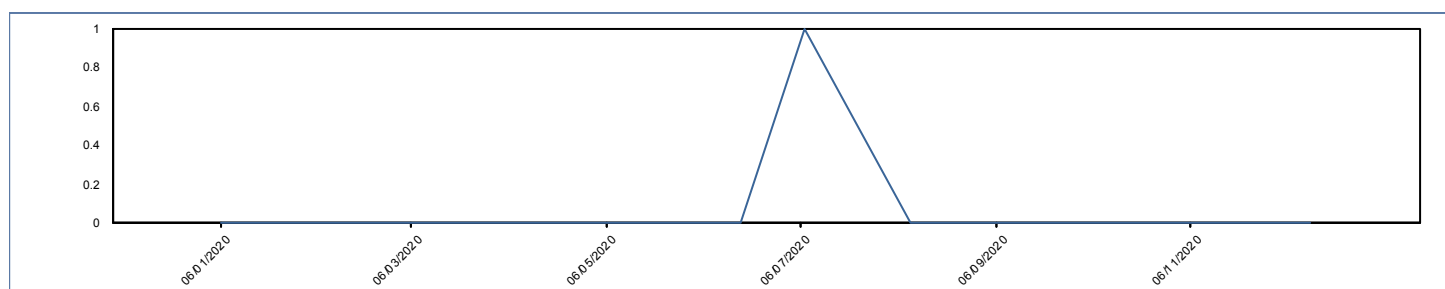
PBGB00G8

Number of readings

11

Number of breaches

0



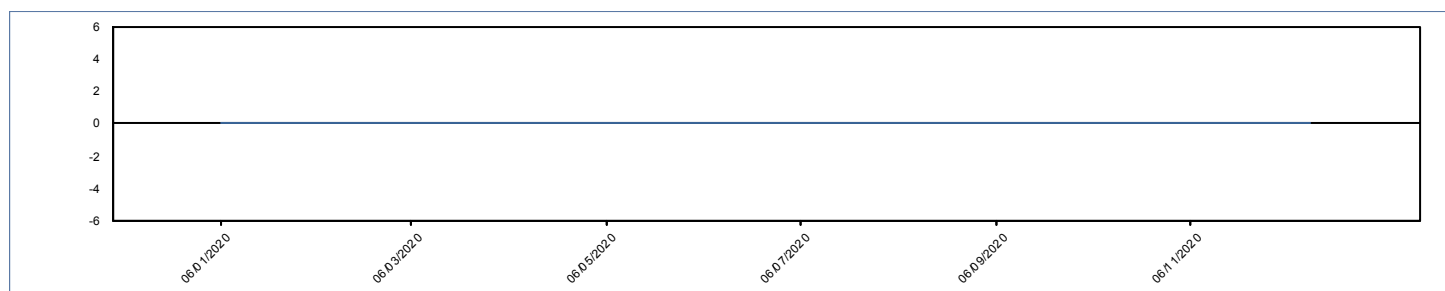
PBGB00G9

Number of readings

11

Number of breaches

0



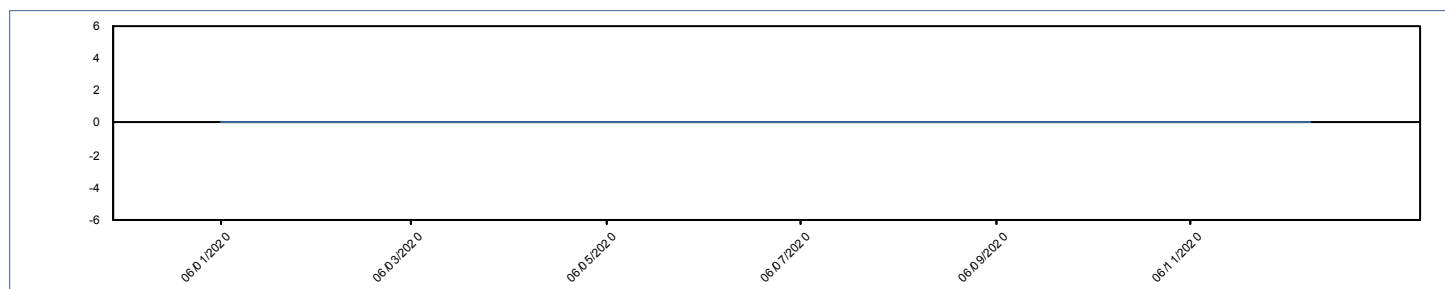
PBGB00G10

Number of readings

11

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

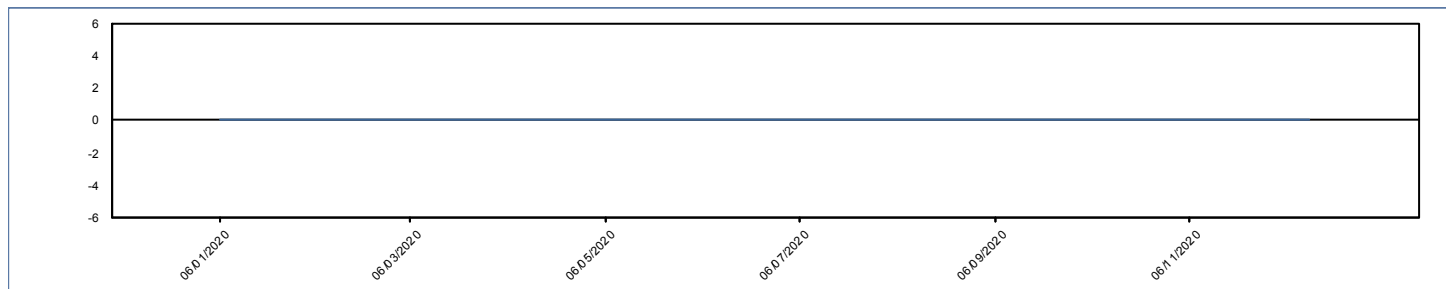
PBGB0G11

Number of readings

11

Number of breaches

0



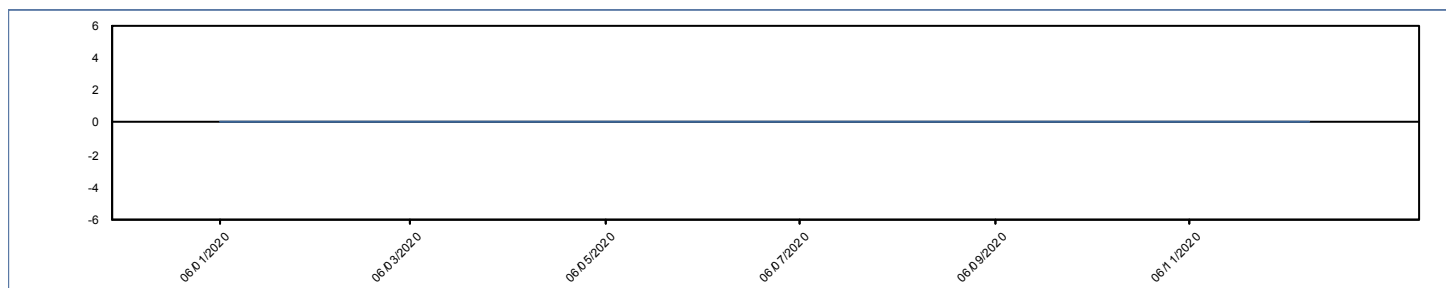
PBGB0G12

Number of readings

11

Number of breaches

0



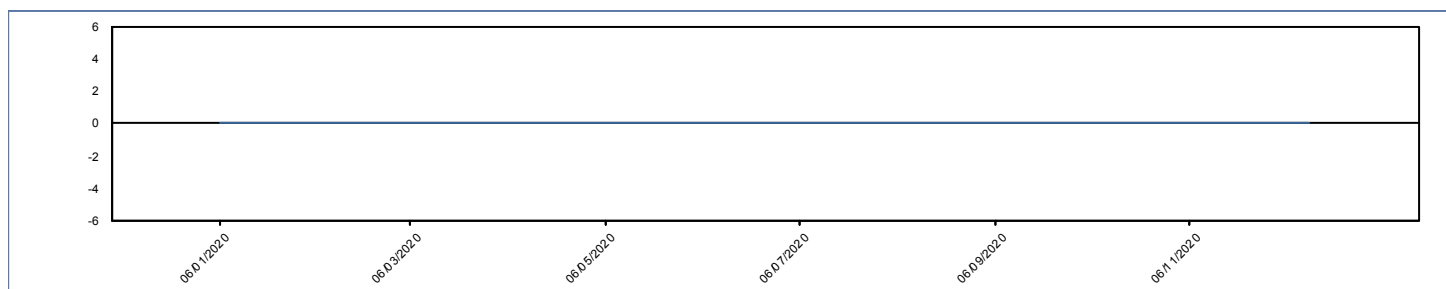
PBGB0G13

Number of readings

11

Number of breaches

0



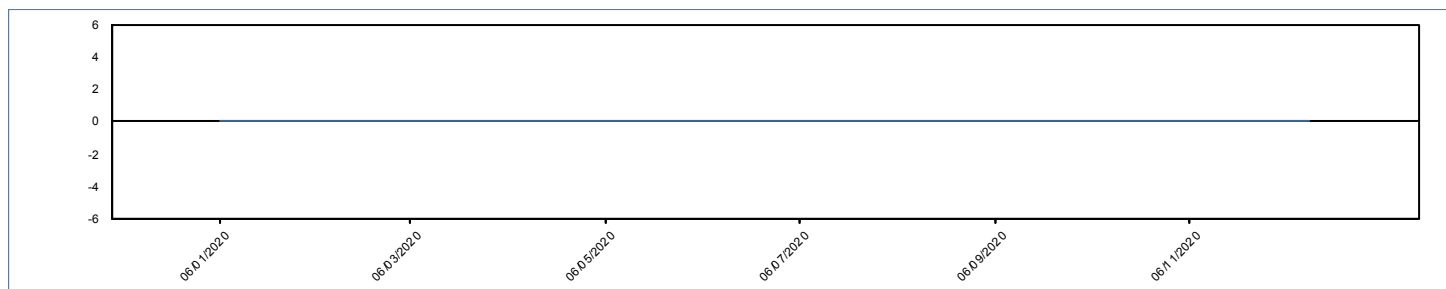
PBGB0G14

Number of readings

11

Number of breaches

0



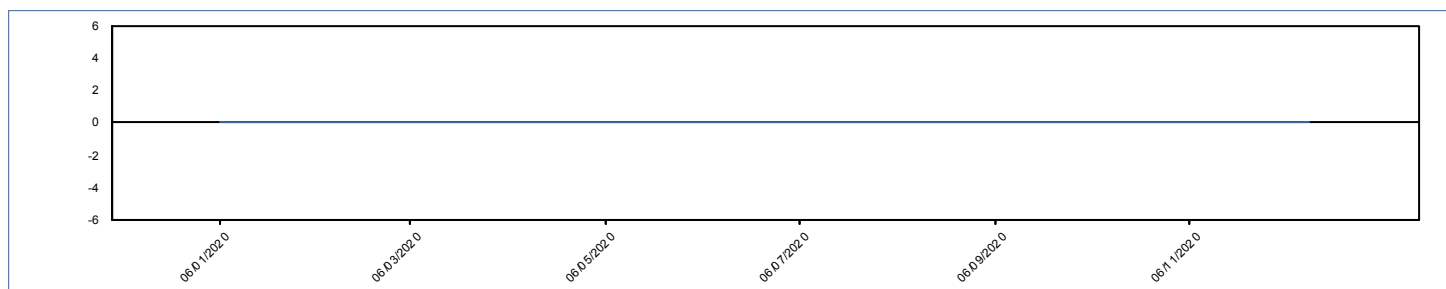
PBGB0G15

Number of readings

11

Number of breaches

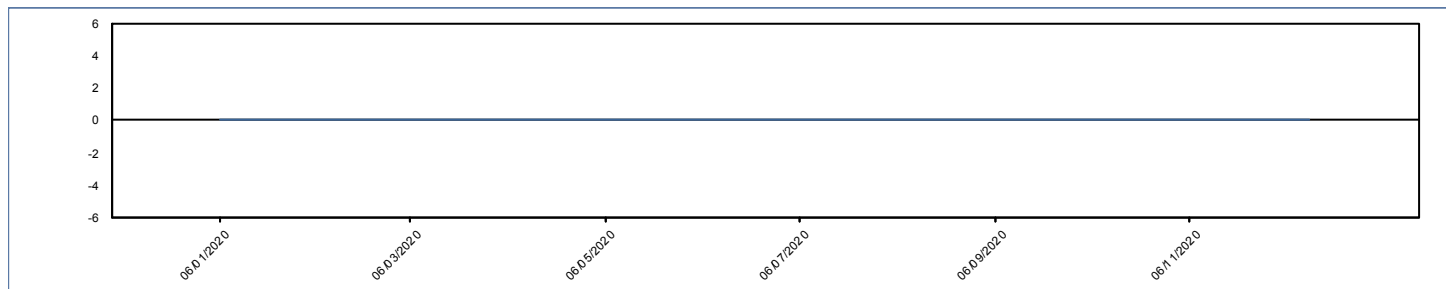
0



Data from: 1 Jan 2020 to: 31 Dec 2020

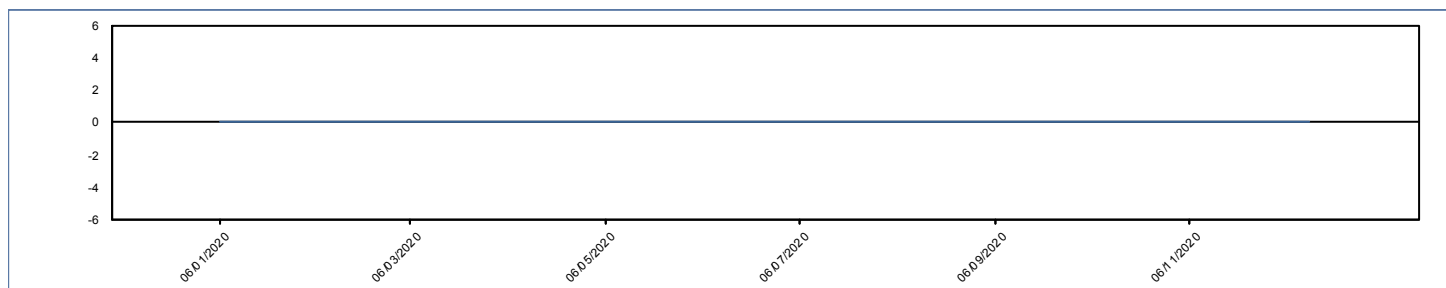
PBGB0G16

Number of readings 11 Number of breaches 0



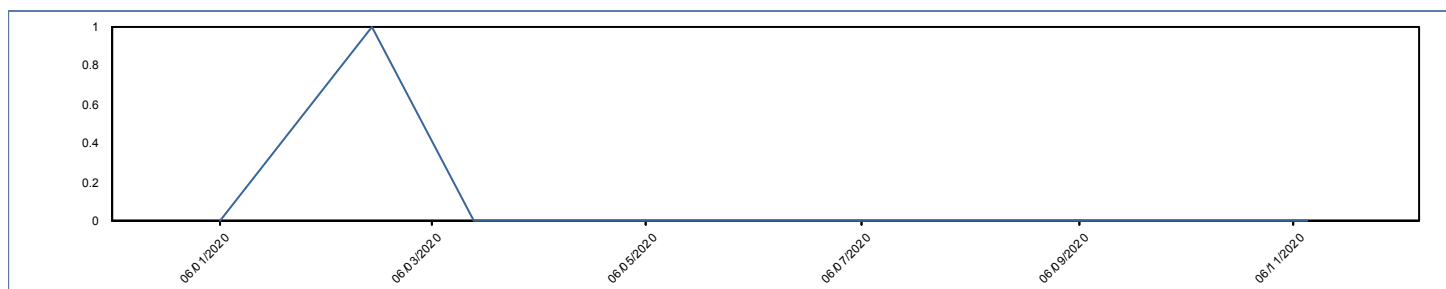
PBGB0G17

Number of readings 11 Number of breaches 0



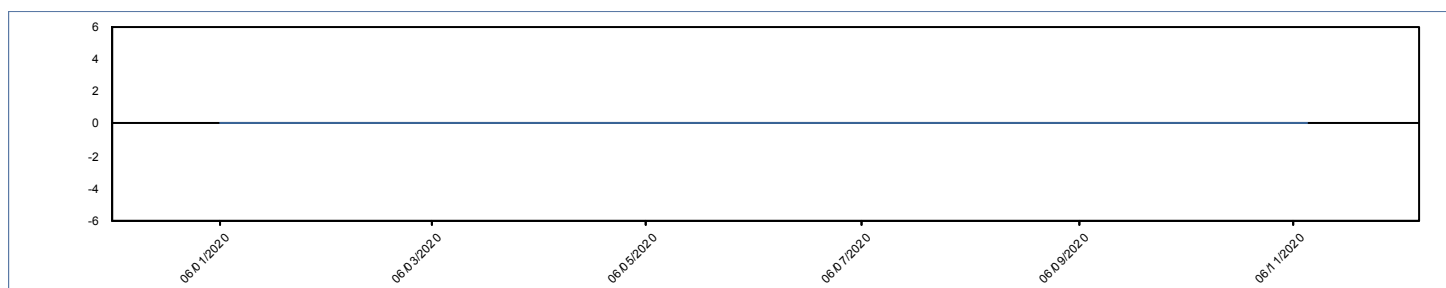
PBT00001

Number of readings 6 Number of breaches 0



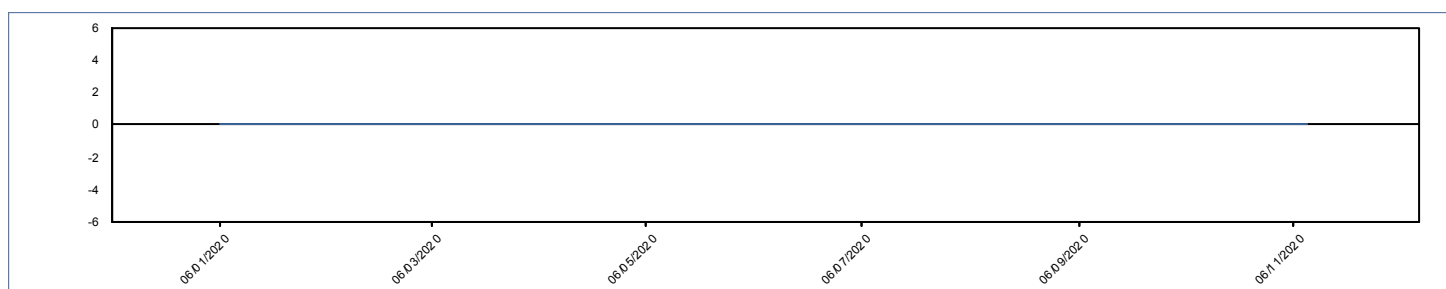
PBT00002

Number of readings 6 Number of breaches 0



PBT00003

Number of readings 6 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

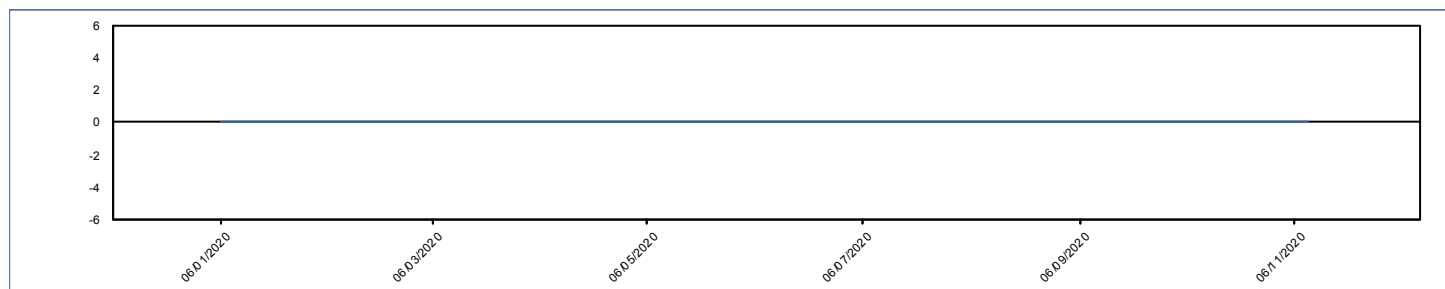
PBT00004

Number of readings

6

Number of breaches

0



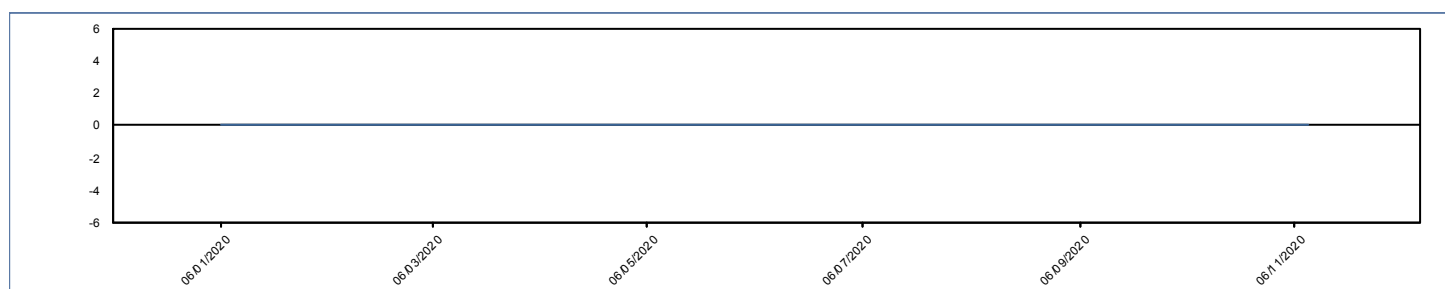
PBT00005

Number of readings

6

Number of breaches

0



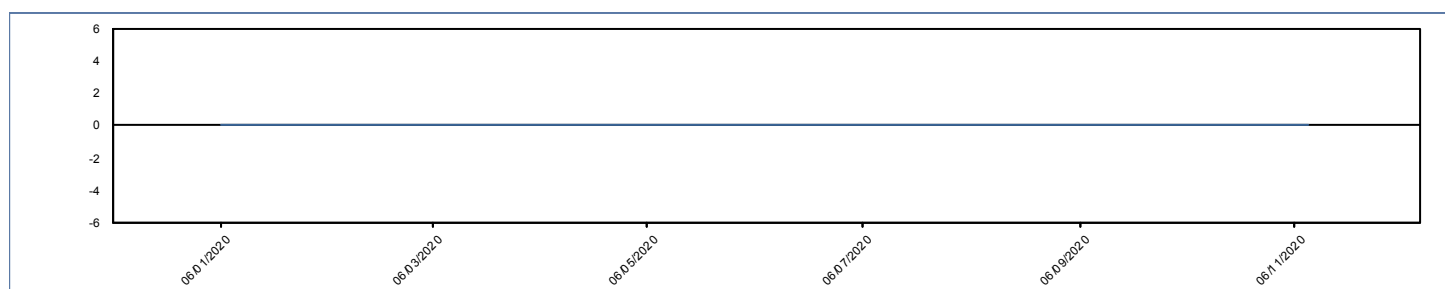
PBT00006

Number of readings

6

Number of breaches

0



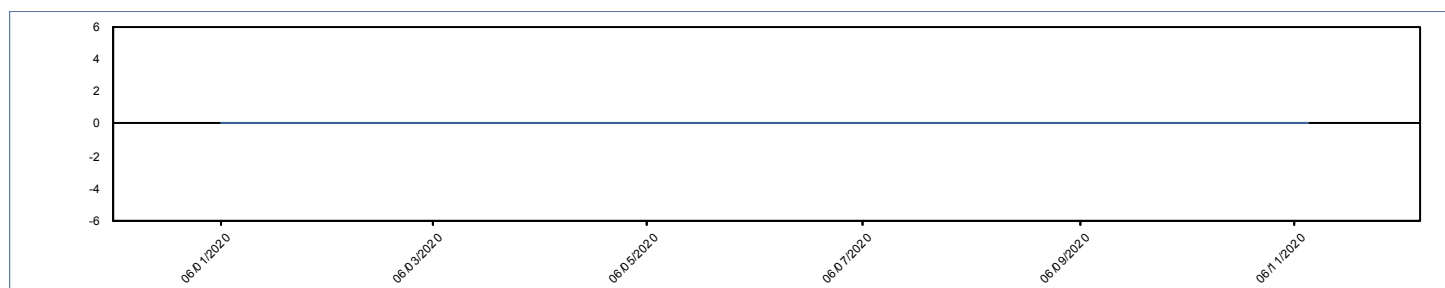
PBT00007

Number of readings

6

Number of breaches

0



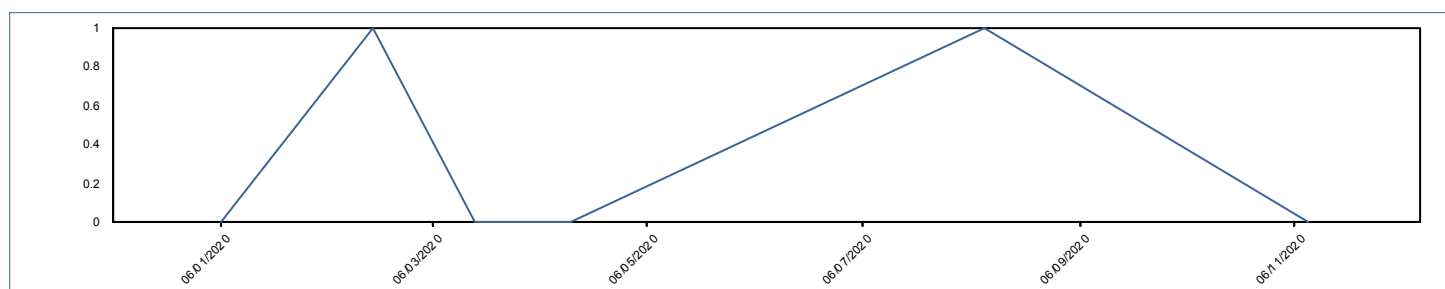
PBT00008

Number of readings

6

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

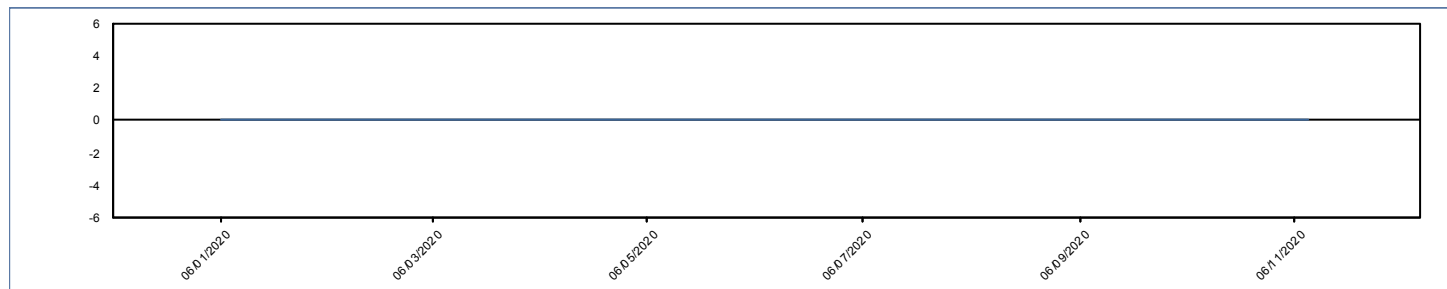
PBT00009

Number of readings

6

Number of breaches

0



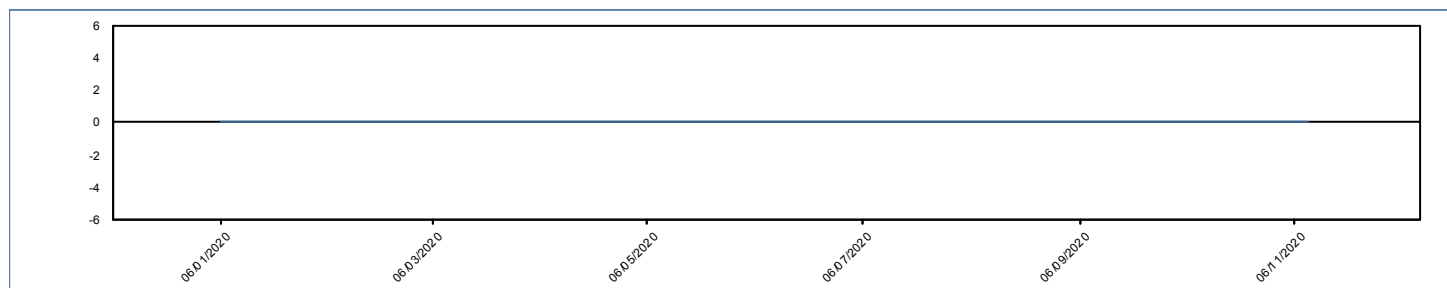
PBT00010

Number of readings

6

Number of breaches

0



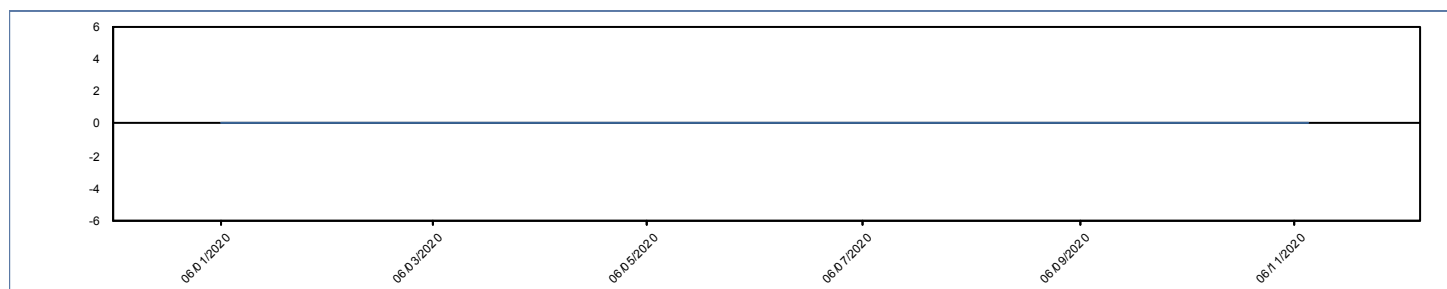
PBT00011

Number of readings

6

Number of breaches

0



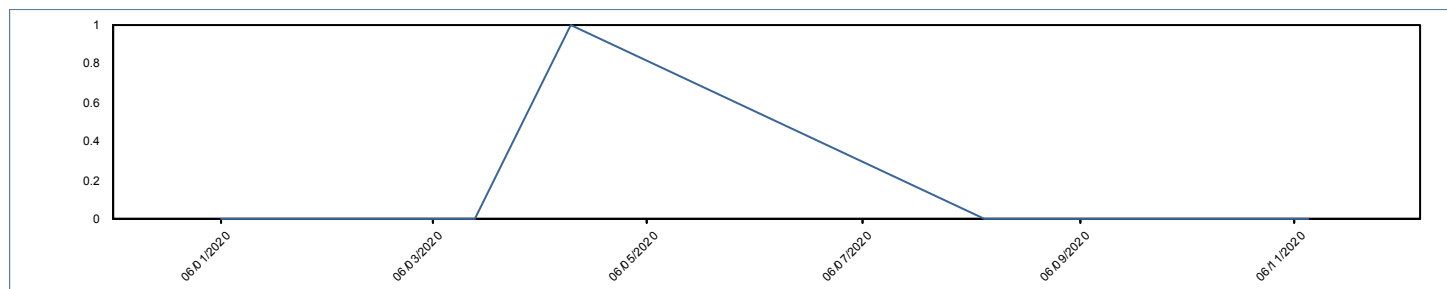
PBT00012

Number of readings

6

Number of breaches

0



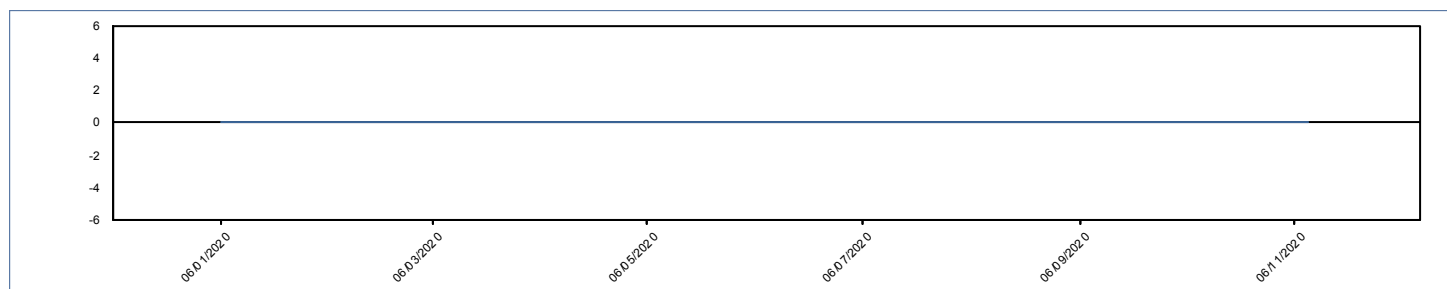
PBT00013

Number of readings

6

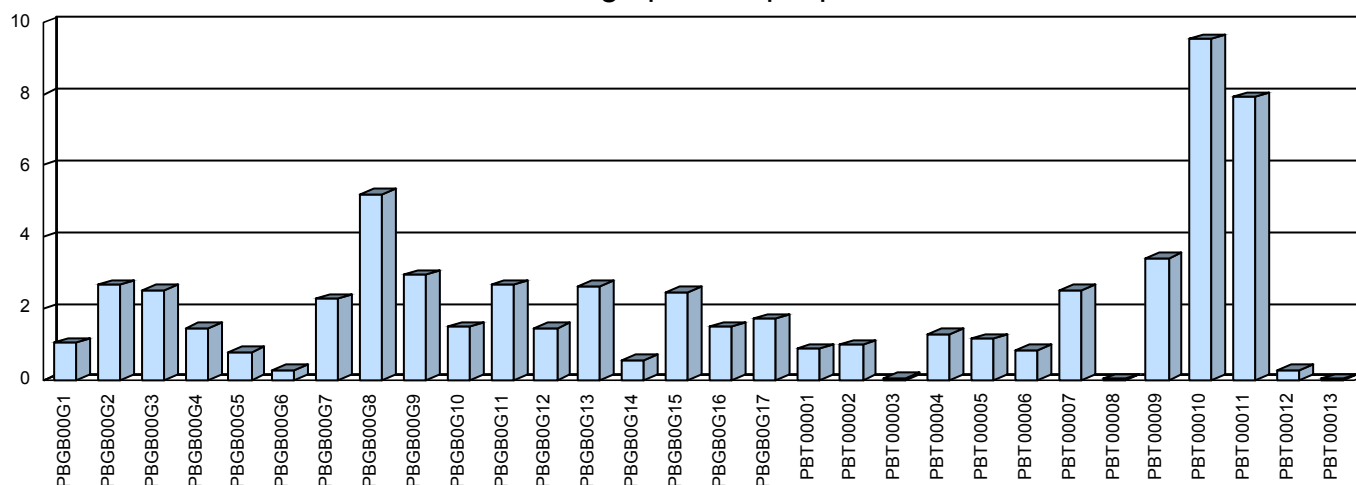
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	12	0	0.50	1.30	1.05	12.60	0.24	0.06	1.30
PBGB00G2	12	2	1.50	4.40	2.66	31.90	0.77	0.59	4.40
PBGB00G3	12	1	2.00	3.00	2.51	30.10	0.25	0.06	3.00
PBGB00G4	12	3	0.10	2.70	1.46	17.50	1.12	1.26	2.70
PBGB00G5	12	0	0.10	1.30	0.78	9.30	0.40	0.16	1.30
PBGB00G6	12	0	0.10	0.70	0.29	3.50	0.14	0.02	0.70
PBGB00G7	12	0	0.80	3.10	2.27	27.20	0.79	0.62	3.10
PBGB00G8	12	11	3.60	7.10	5.20	62.40	1.31	1.72	7.10
PBGB00G9	12	5	1.20	4.60	2.95	35.40	1.21	1.48	4.60
PBGB00G10	12	0	0.60	2.40	1.49	17.90	0.53	0.28	2.40
PBGB00G11	12	4	2.20	3.40	2.65	31.80	0.41	0.17	3.40
PBGB00G12	12	0	0.50	2.30	1.45	17.40	0.60	0.36	2.30
PBGB00G13	12	10	2.10	3.90	2.62	31.40	0.44	0.19	3.90
PBGB00G14	12	0	0.20	1.30	0.57	6.80	0.32	0.11	1.30
PBGB00G15	12	6	1.40	3.50	2.45	29.40	0.64	0.42	3.50
PBGB00G16	12	3	0.20	2.30	1.48	17.80	0.65	0.42	2.30
PBGB00G17	12	1	0.00	3.30	1.70	20.40	1.02	1.04	3.30
PBT00001	7	1	0.00	3.20	0.87	6.10	1.08	1.18	3.20
PBT00002	7	1	0.00	4.20	0.99	6.90	1.39	1.94	4.20

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00003	7	0	0.00	0.20	0.06	0.40	0.09	0.01	0.20
PBT00004	7	0	0.00	2.00	1.30	9.10	0.62	0.38	2.00
PBT00005	7	0	0.00	2.40	1.14	8.00	0.78	0.61	2.40
PBT00006	7	0	0.00	2.00	0.83	5.80	0.59	0.35	2.00
PBT00007	7	3	0.90	4.30	2.53	17.70	1.18	1.38	4.30
PBT00008	7	0	0.00	0.10	0.03	0.20	0.05	0.00	0.10
PBT00009	7	4	0.90	5.40	3.43	24.00	1.66	2.76	5.40
PBT00010	7	7	3.20	12.10	9.53	66.70	2.78	7.73	12.10
PBT00011	7	0	4.70	9.20	7.90	55.30	1.43	2.05	9.20
PBT00012	7	0	0.00	0.90	0.30	2.10	0.34	0.11	0.90
PBT00013	7	0	0.00	0.10	0.03	0.20	0.05	0.00	0.10
Total	295	62	0.00	12.10	2.05	605.30	2.09	4.36	6.85

Data from: 1 Jan 2020 to: 31 Dec 2020

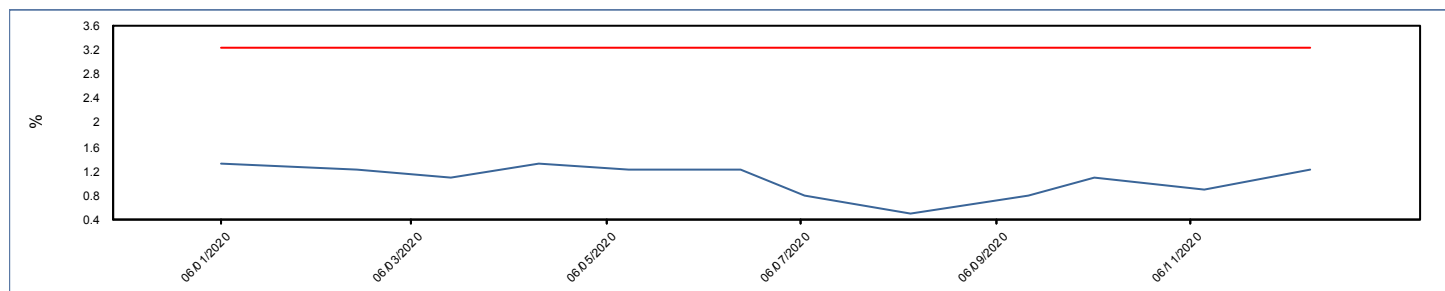
PBGB00G1

Number of readings

12

Number of breaches

0



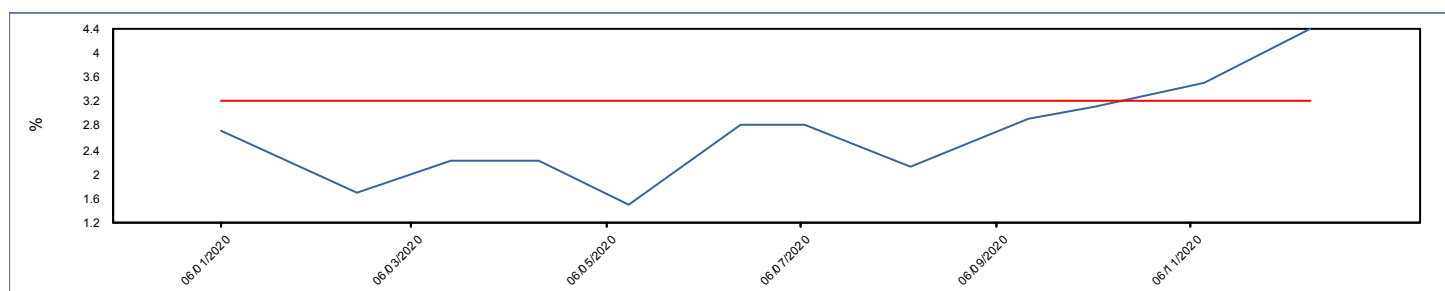
PBGB00G2

Number of readings

12

Number of breaches

2



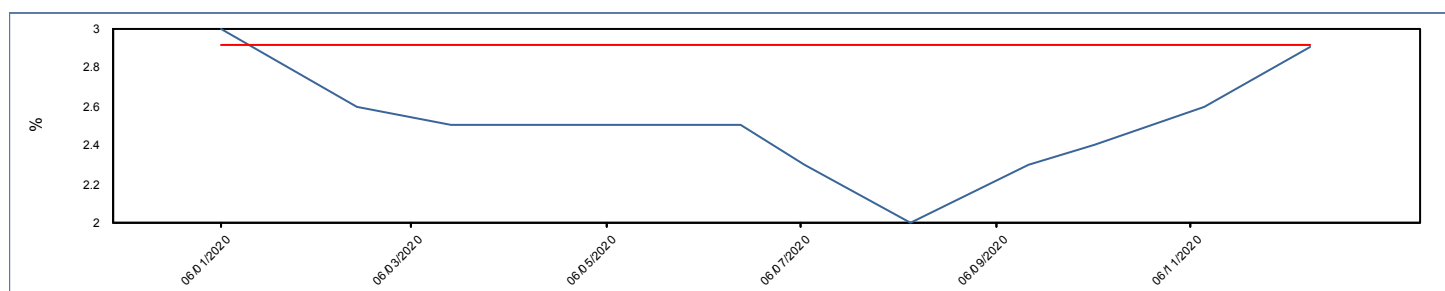
PBGB00G3

Number of readings

12

Number of breaches

1



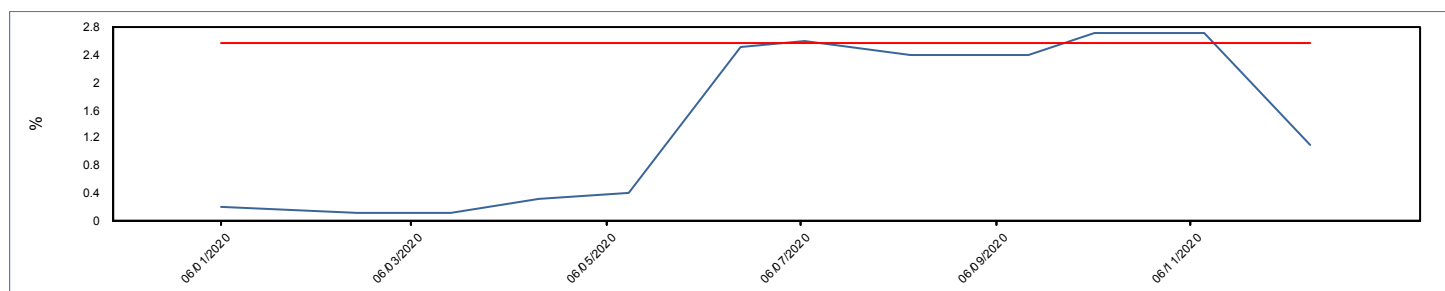
PBGB00G4

Number of readings

12

Number of breaches

3



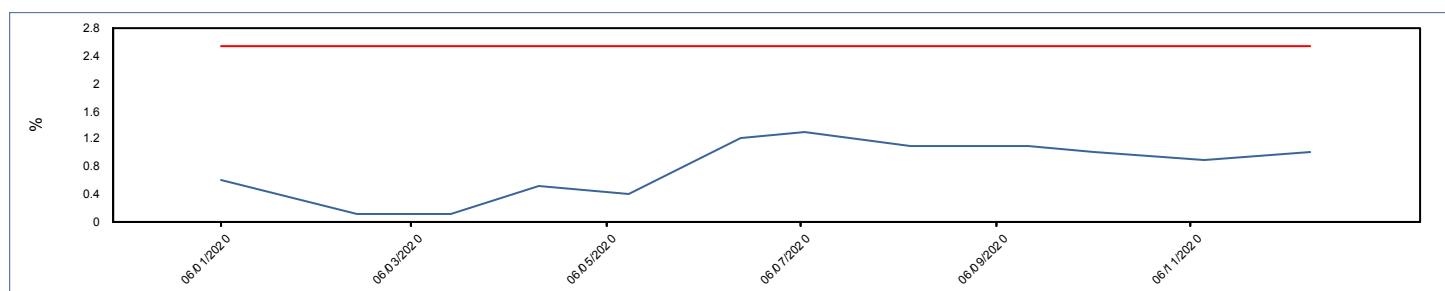
PBGB00G5

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

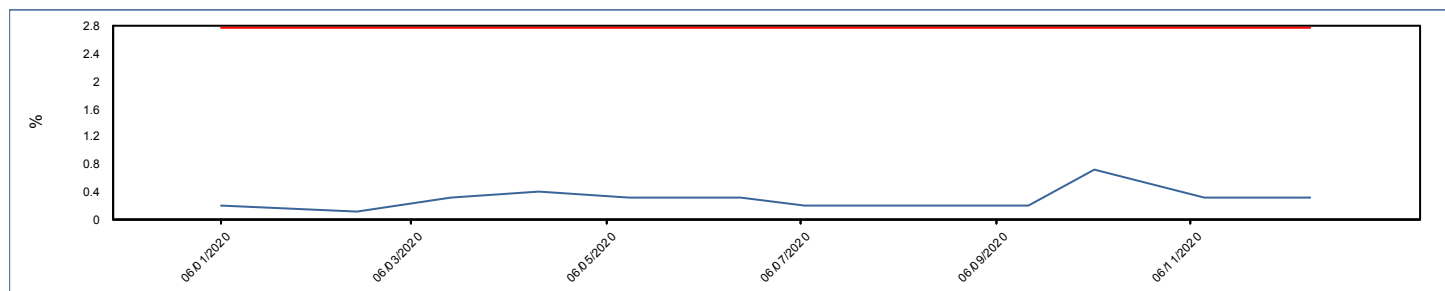
PBGB00G6

Number of readings

12

Number of breaches

0



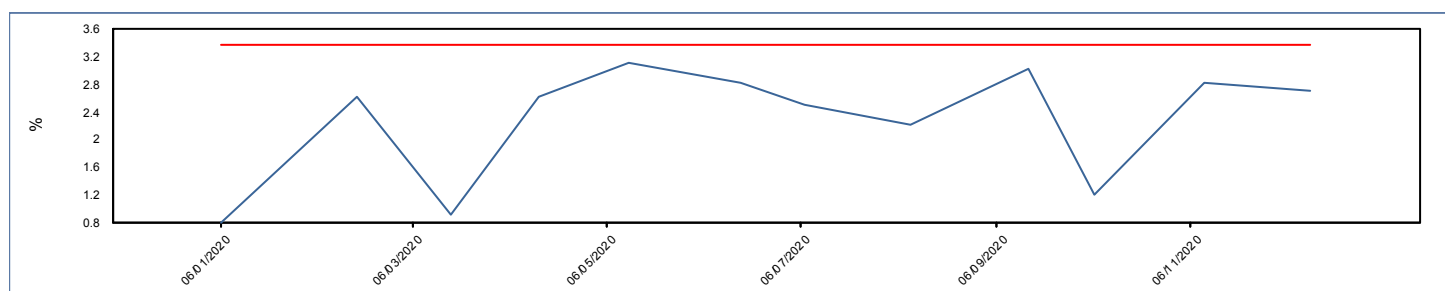
PBGB00G7

Number of readings

12

Number of breaches

0



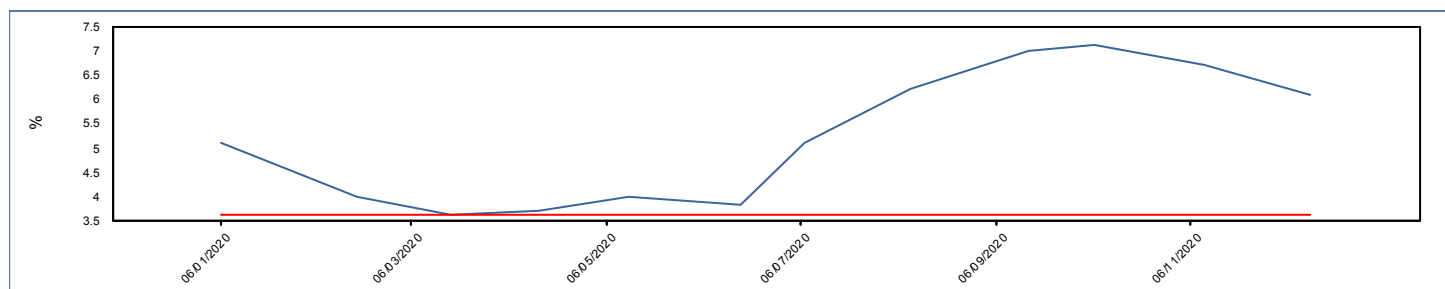
PBGB00G8

Number of readings

12

Number of breaches

11



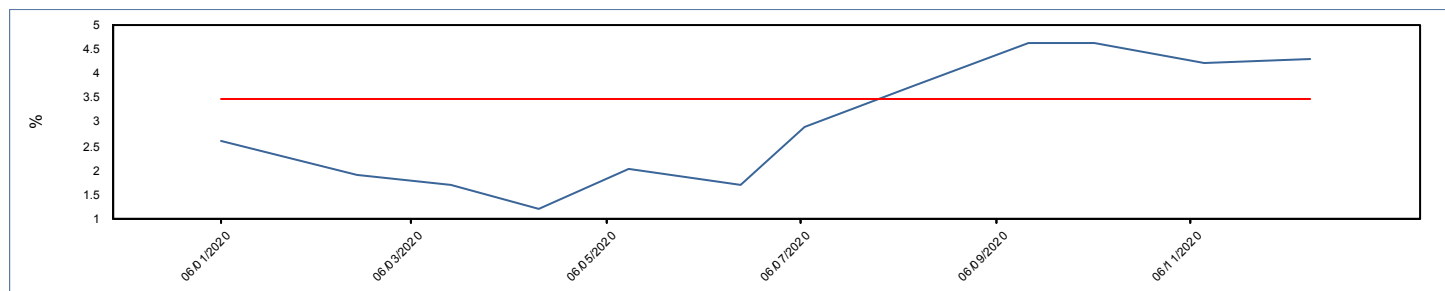
PBGB00G9

Number of readings

12

Number of breaches

5



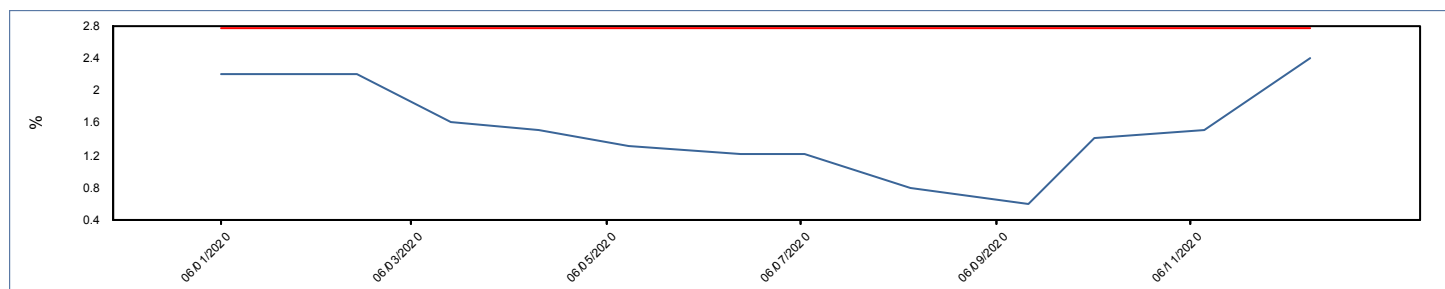
PBGB00G10

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

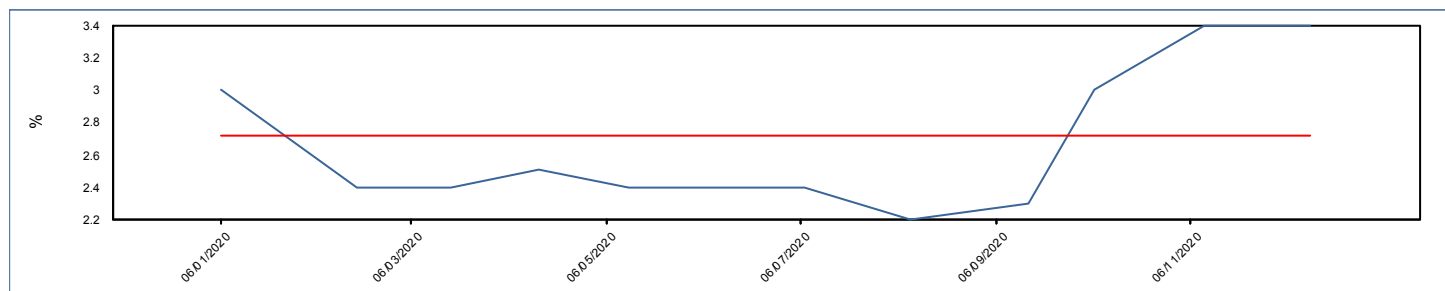
PBGB0G11

Number of readings

12

Number of breaches

4



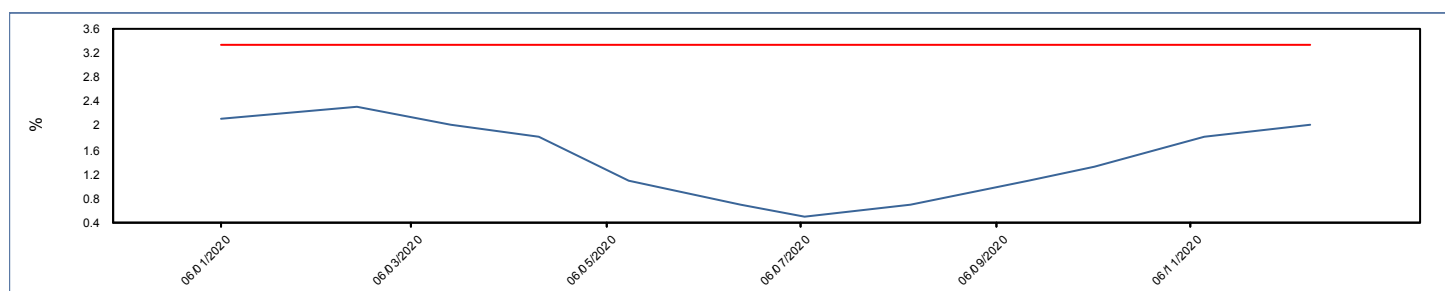
PBGB0G12

Number of readings

12

Number of breaches

0



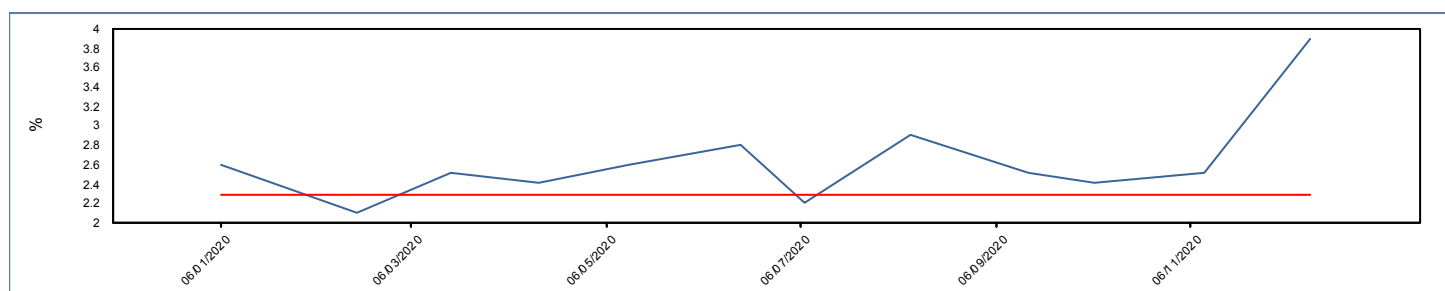
PBGB0G13

Number of readings

12

Number of breaches

10



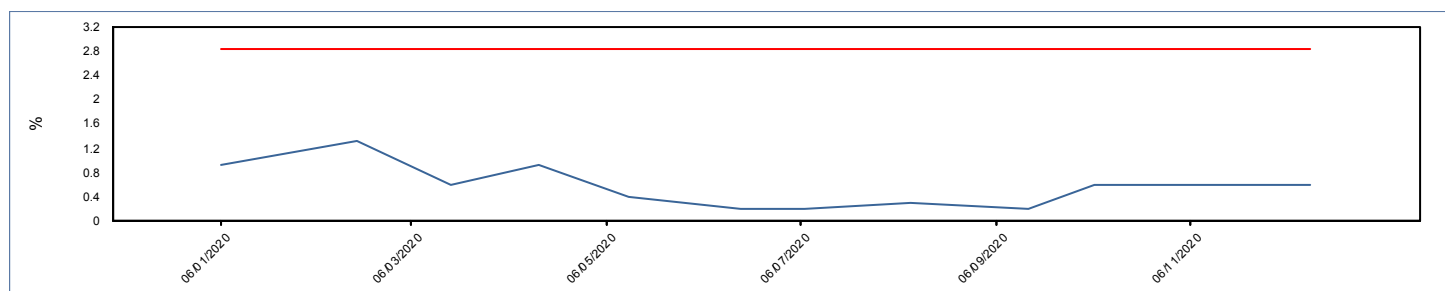
PBGB0G14

Number of readings

12

Number of breaches

0



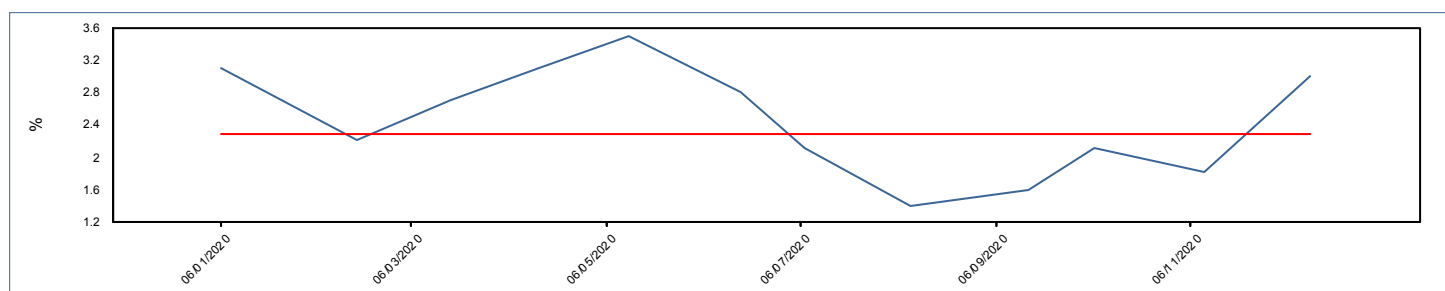
PBGB0G15

Number of readings

12

Number of breaches

6



Data from: 1 Jan 2020 to: 31 Dec 2020

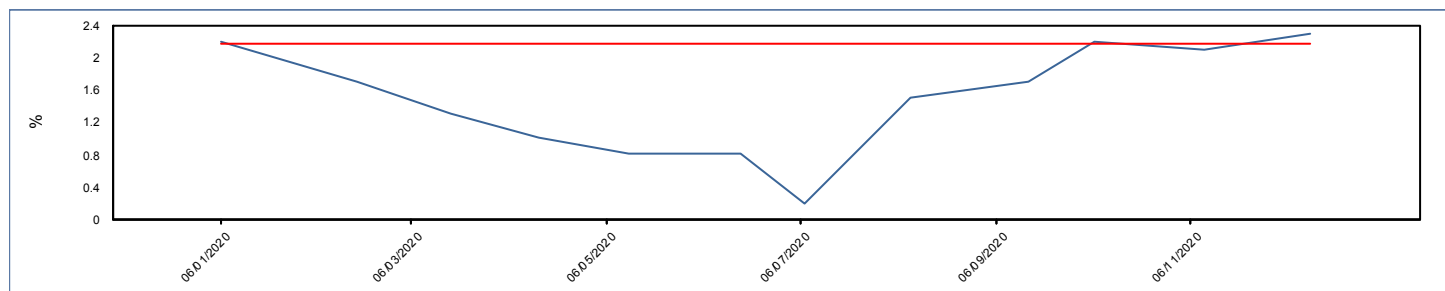
PBGB0G16

Number of readings

12

Number of breaches

3



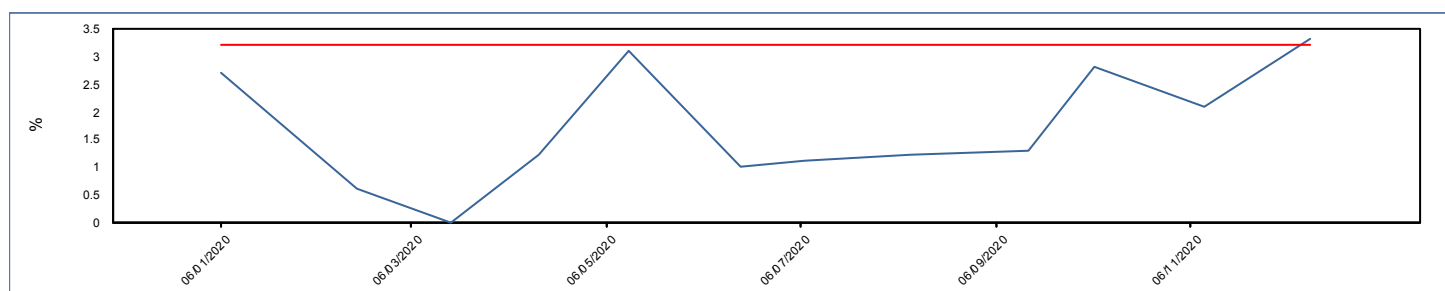
PBGB0G17

Number of readings

12

Number of breaches

1



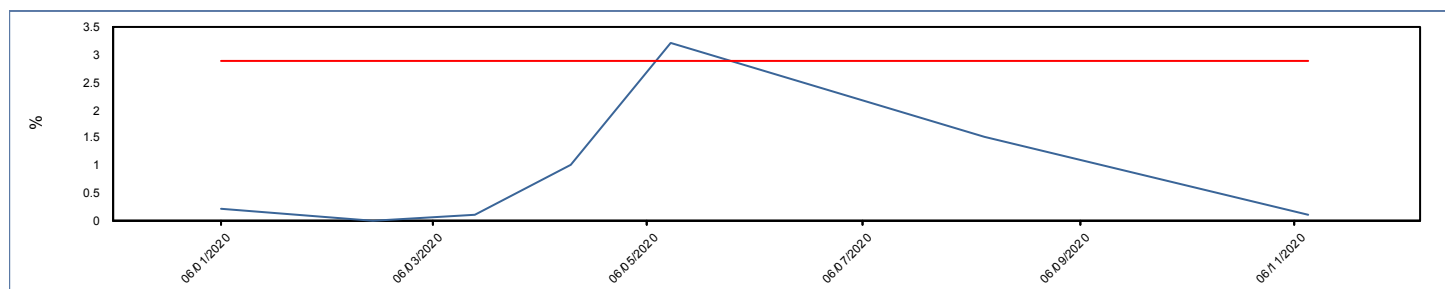
PBT00001

Number of readings

7

Number of breaches

1



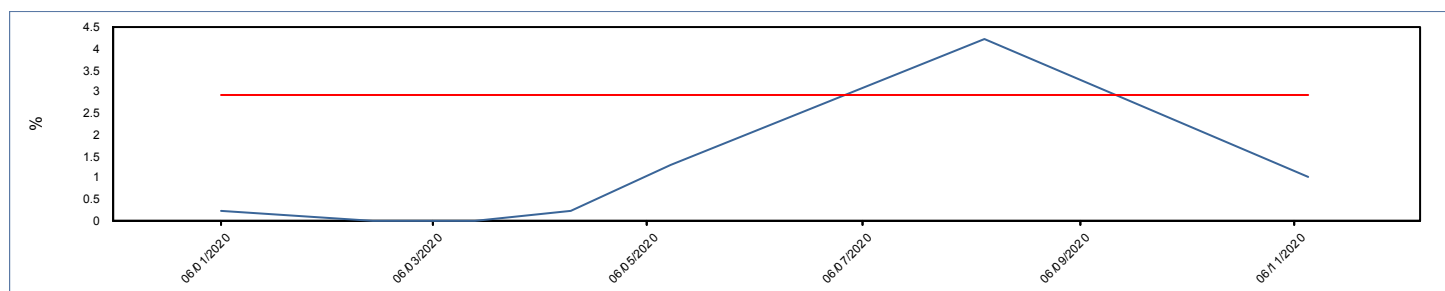
PBT00002

Number of readings

7

Number of breaches

1



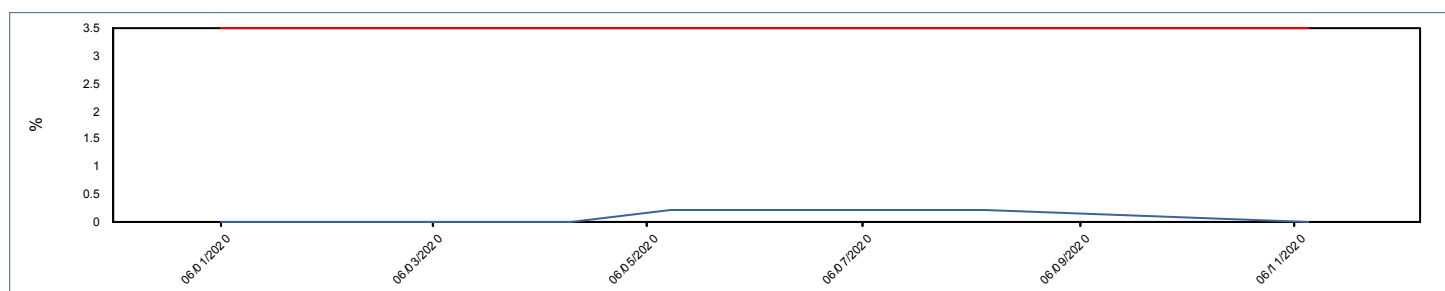
PBT00003

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

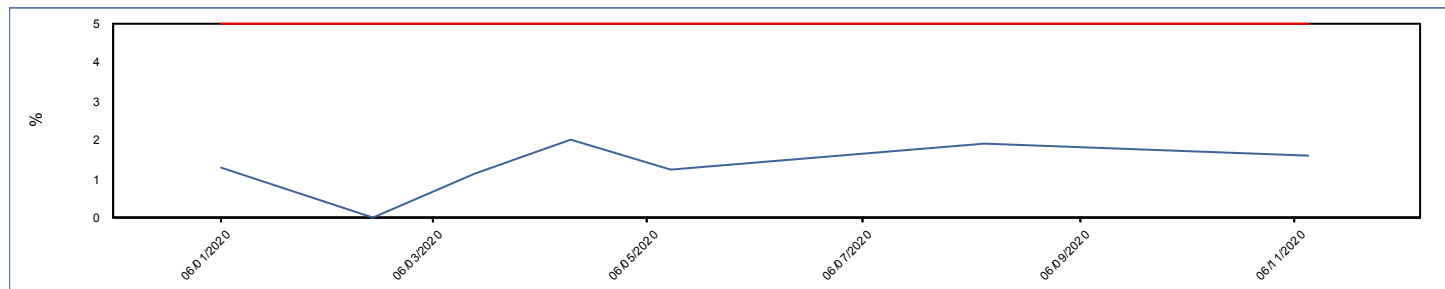
PBT00004

Number of readings

7

Number of breaches

0



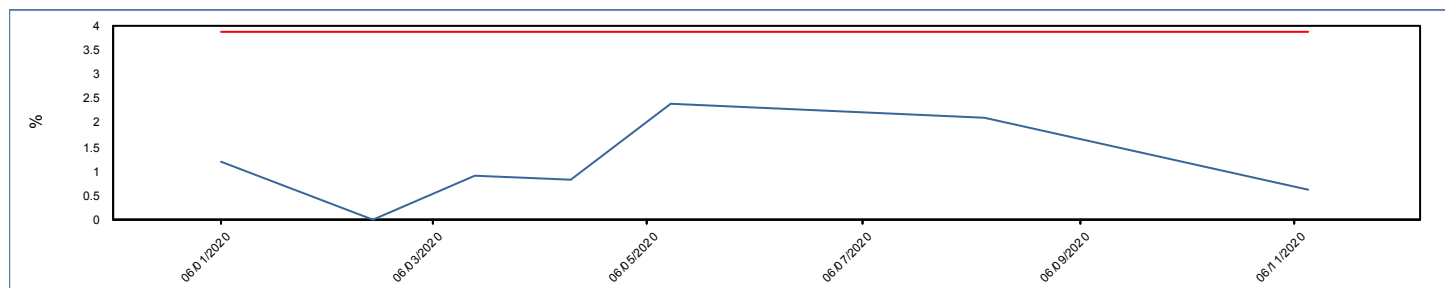
PBT00005

Number of readings

7

Number of breaches

0



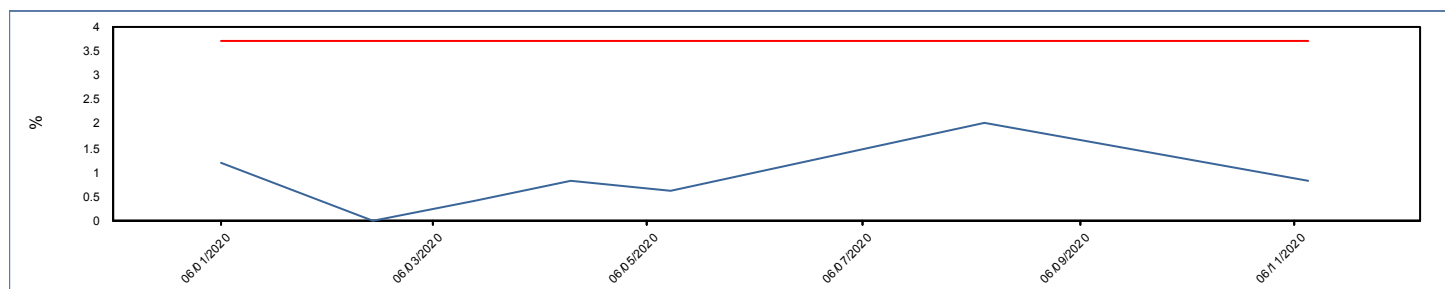
PBT00006

Number of readings

7

Number of breaches

0



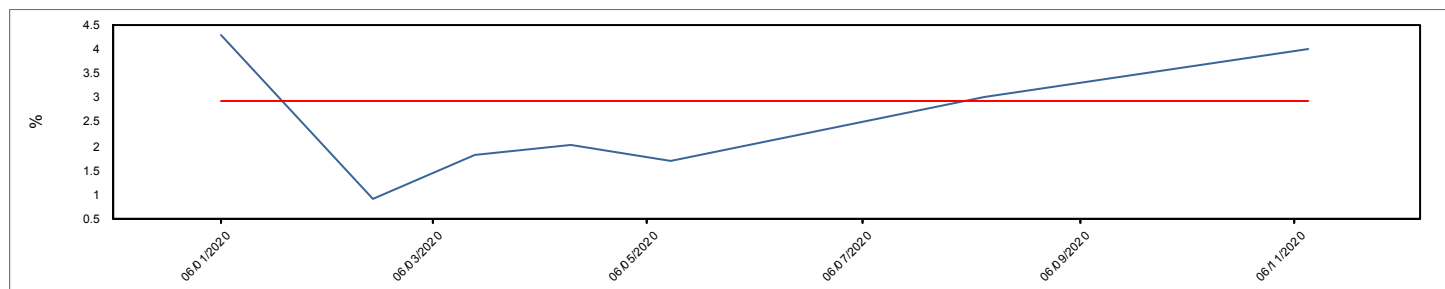
PBT00007

Number of readings

7

Number of breaches

3



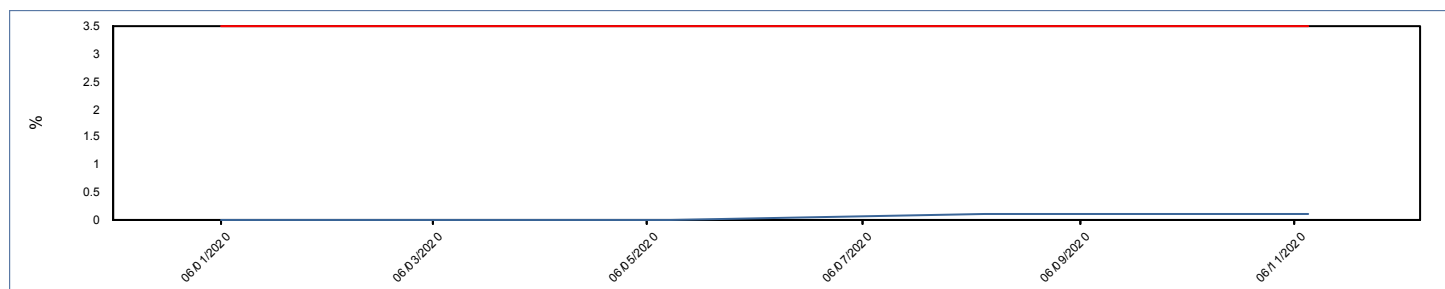
PBT00008

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

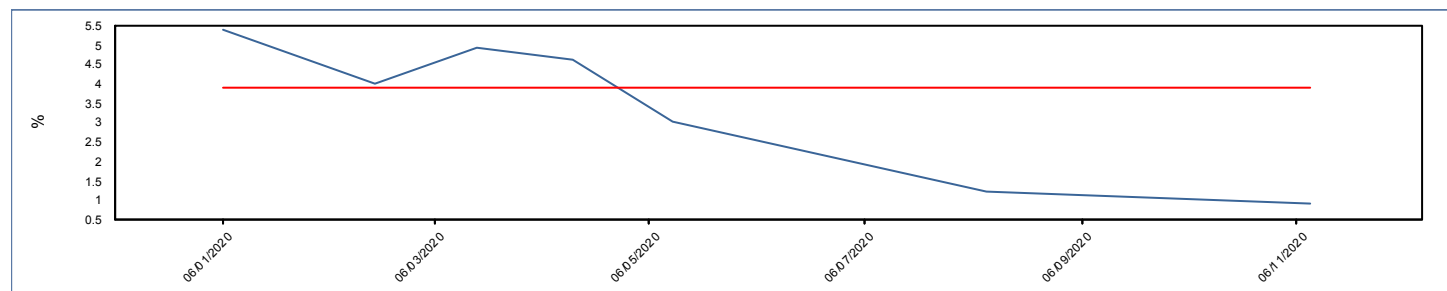
PBT00009

Number of readings

7

Number of breaches

4



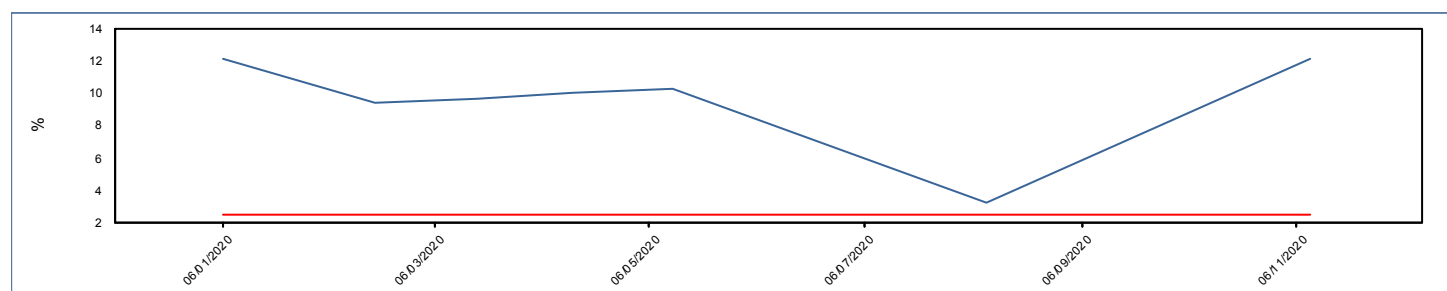
PBT00010

Number of readings

7

Number of breaches

7



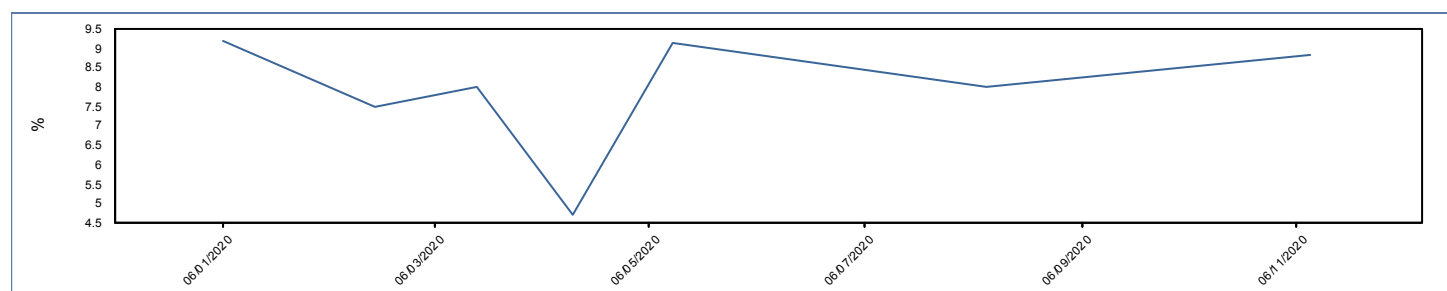
PBT00011

Number of readings

7

Number of breaches

0



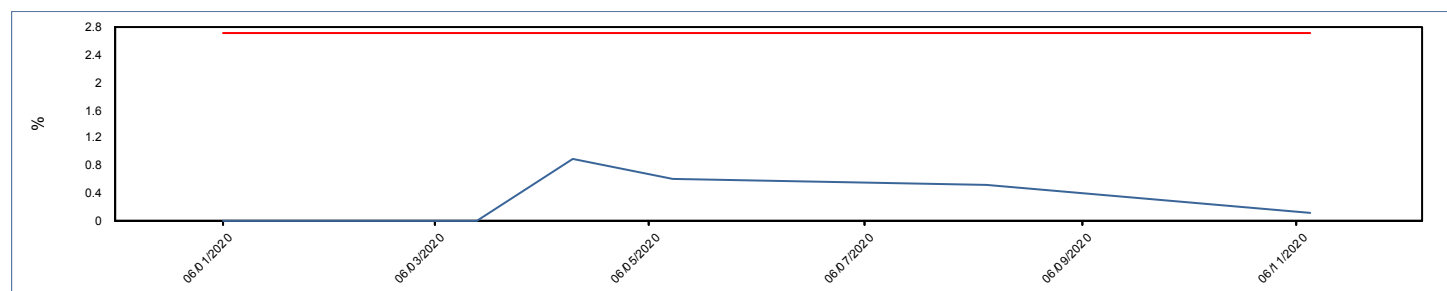
PBT00012

Number of readings

7

Number of breaches

0



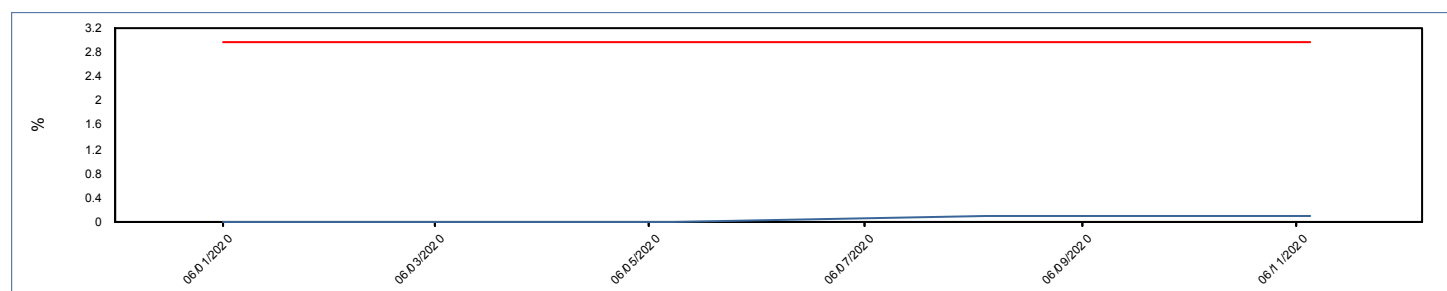
PBT00013

Number of readings

7

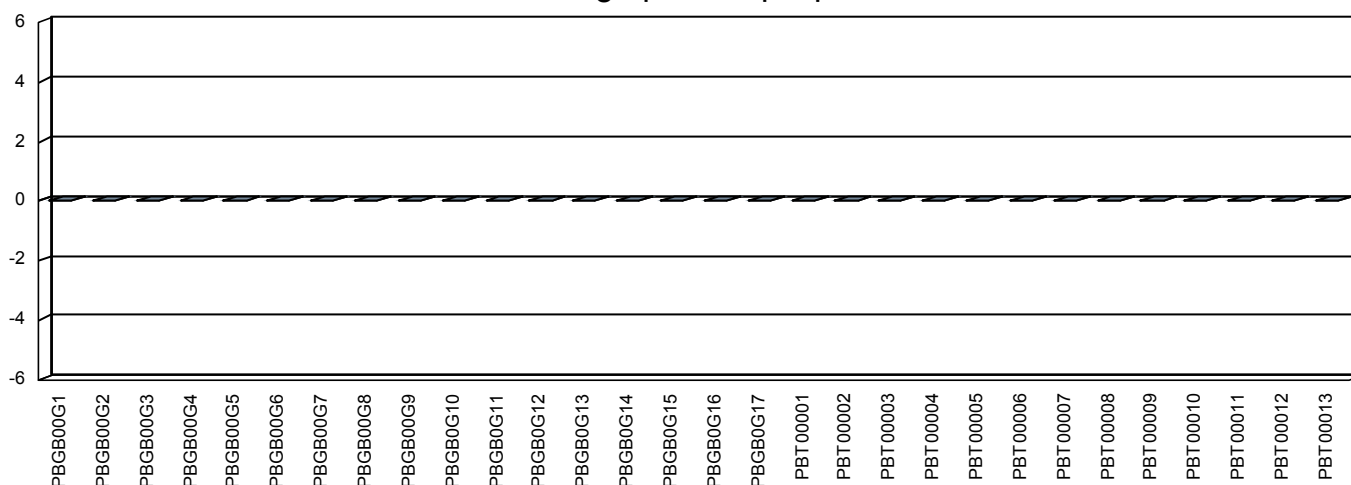
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G2	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G3	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G4	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G5	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G6	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G7	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G8	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G9	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G10	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G11	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G12	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G13	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G14	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G15	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G16	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBGB00G17	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00001	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00002	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00003	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00004	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00005	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00006	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00007	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00008	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00009	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00010	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00011	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00012	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBT00013	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	295	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

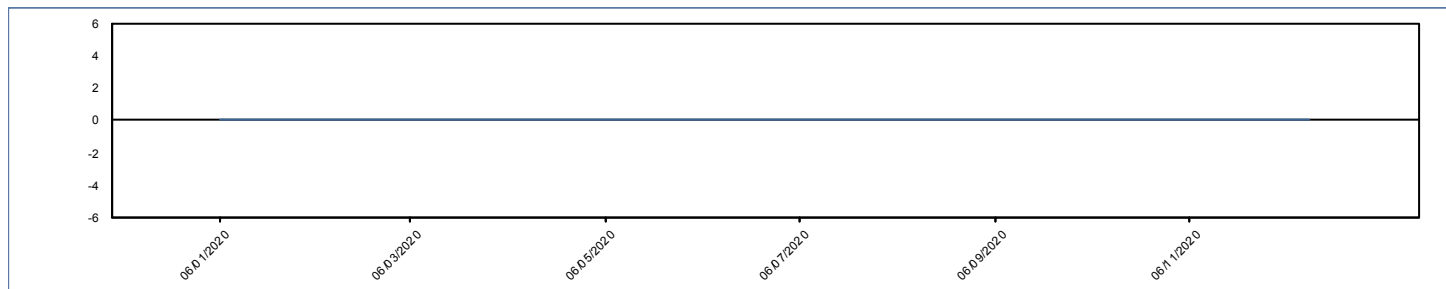
PBGB00G1

Number of readings

12

Number of breaches

0



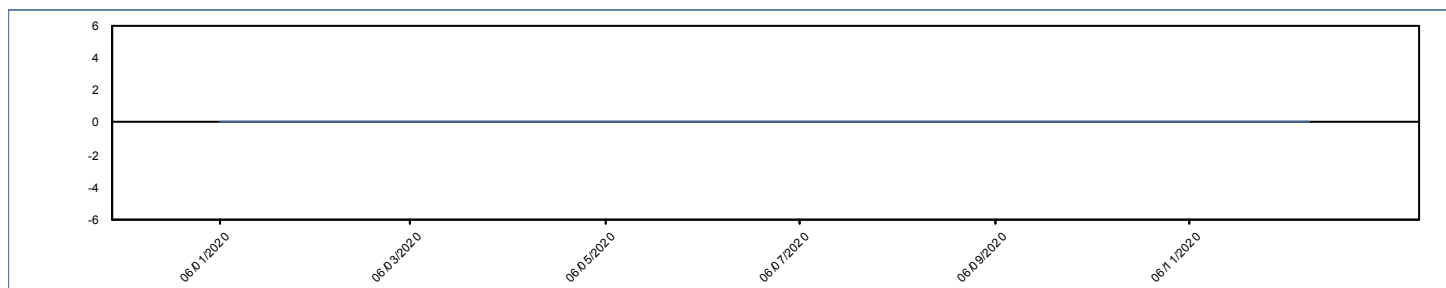
PBGB00G2

Number of readings

12

Number of breaches

0



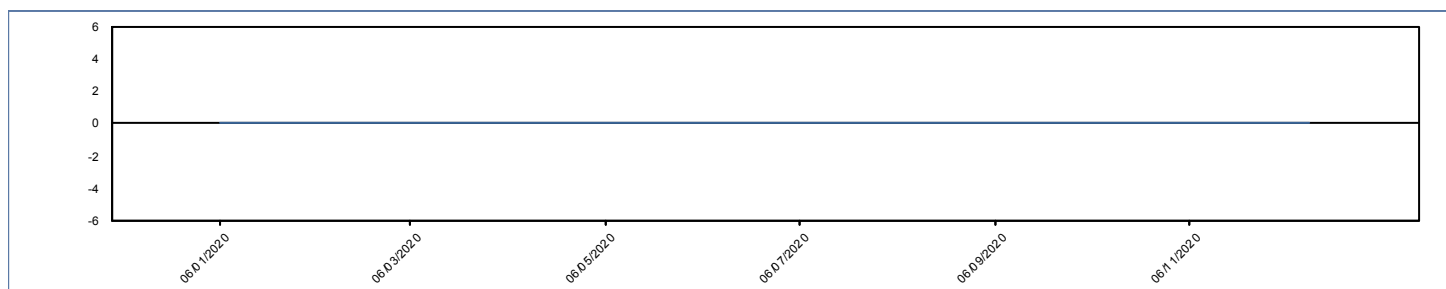
PBGB00G3

Number of readings

12

Number of breaches

0



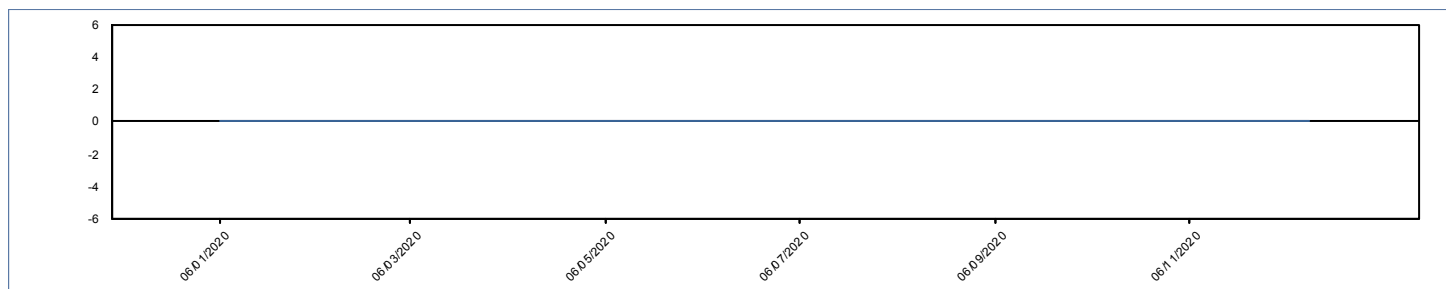
PBGB00G4

Number of readings

12

Number of breaches

0



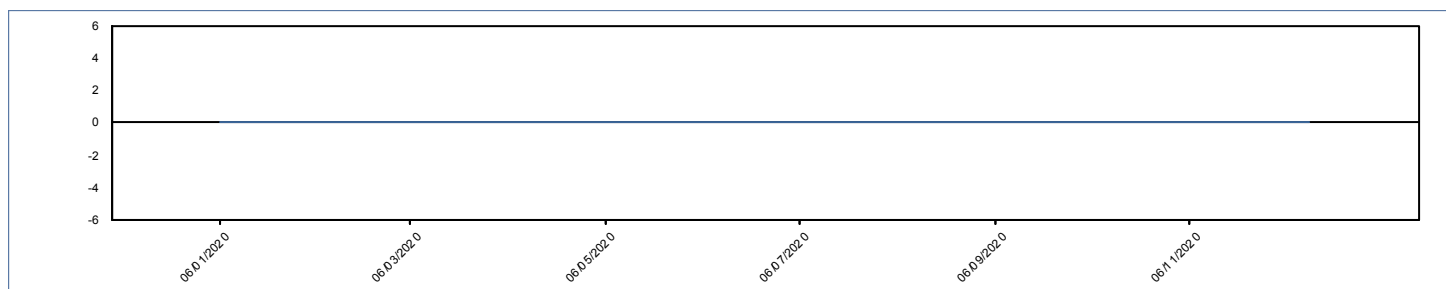
PBGB00G5

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

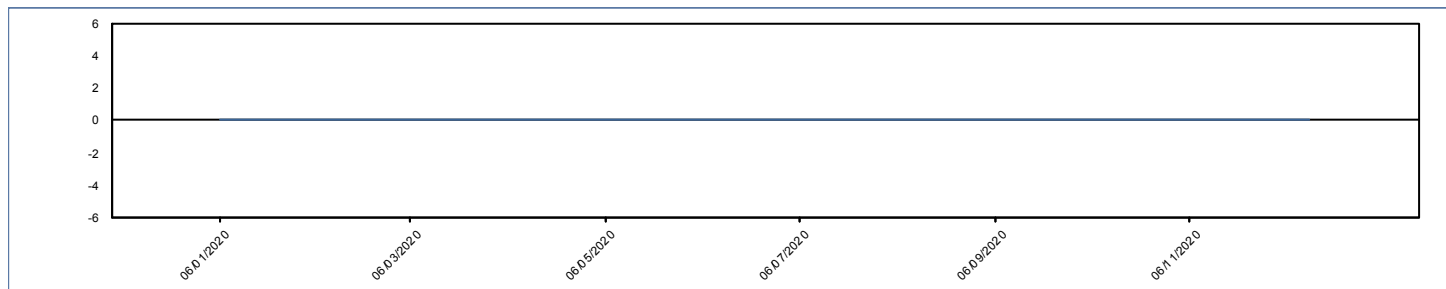
PBGB00G6

Number of readings

12

Number of breaches

0



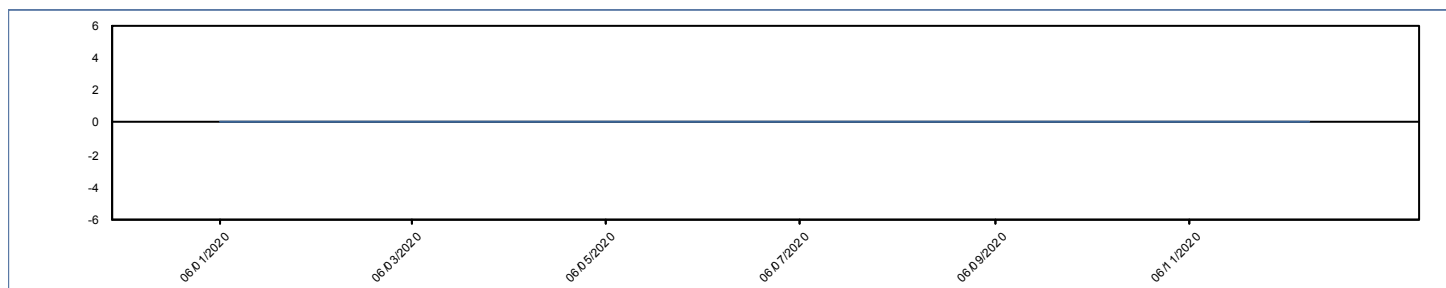
PBGB00G7

Number of readings

12

Number of breaches

0



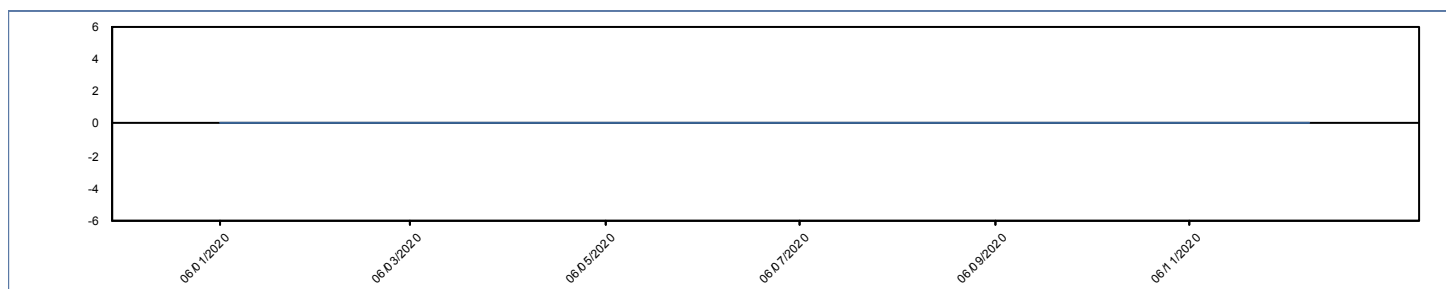
PBGB00G8

Number of readings

12

Number of breaches

0



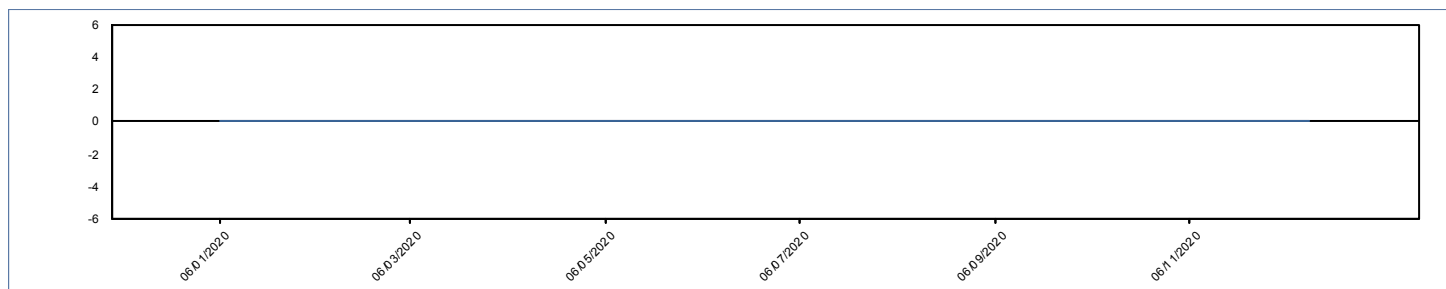
PBGB00G9

Number of readings

12

Number of breaches

0



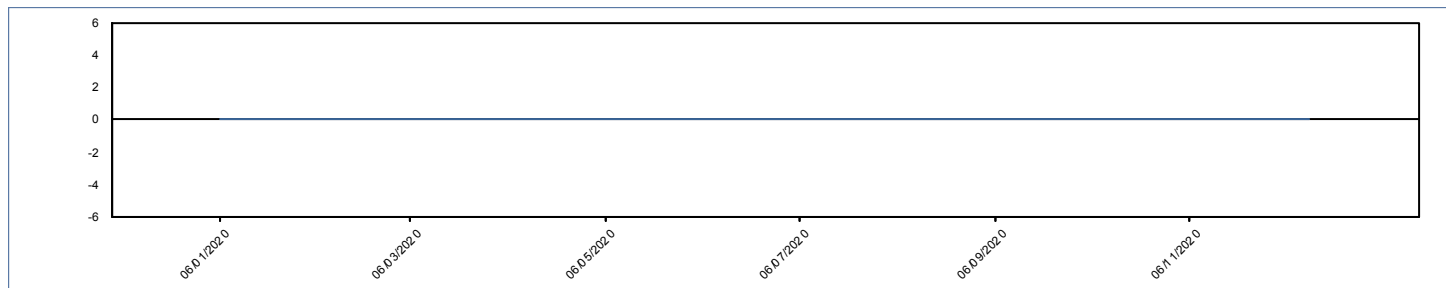
PBGB00G10

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

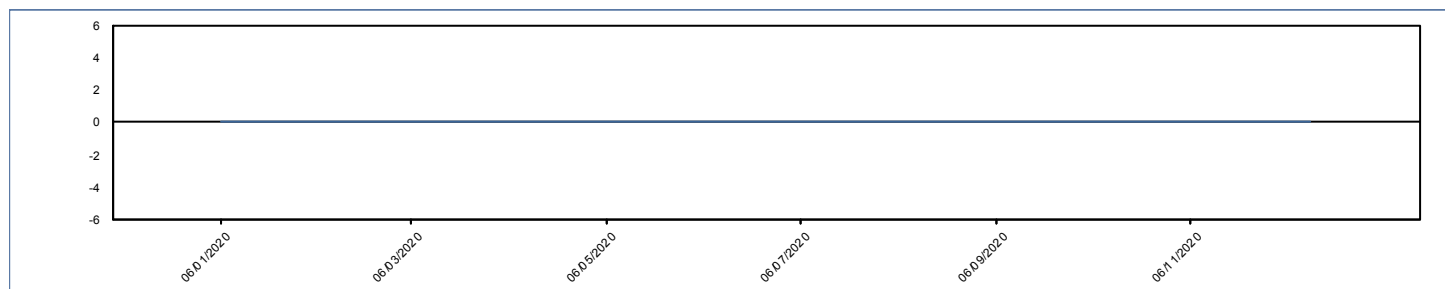
PBGB0G11

Number of readings

12

Number of breaches

0



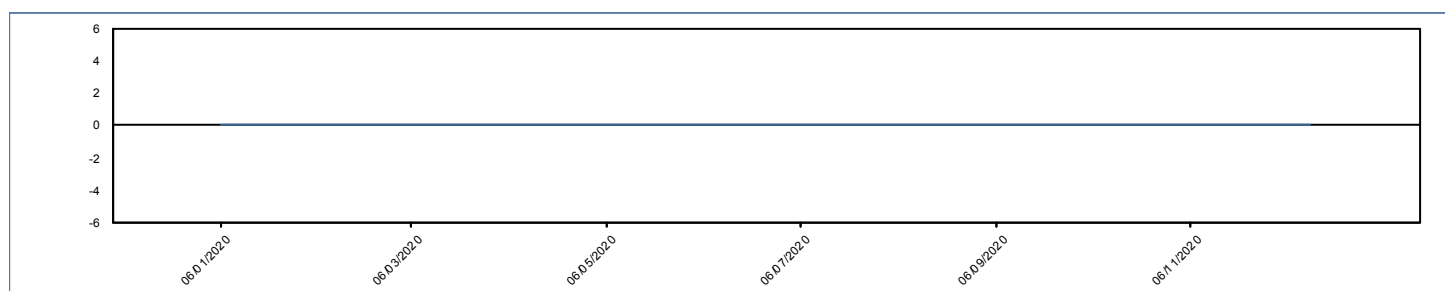
PBGB0G12

Number of readings

12

Number of breaches

0



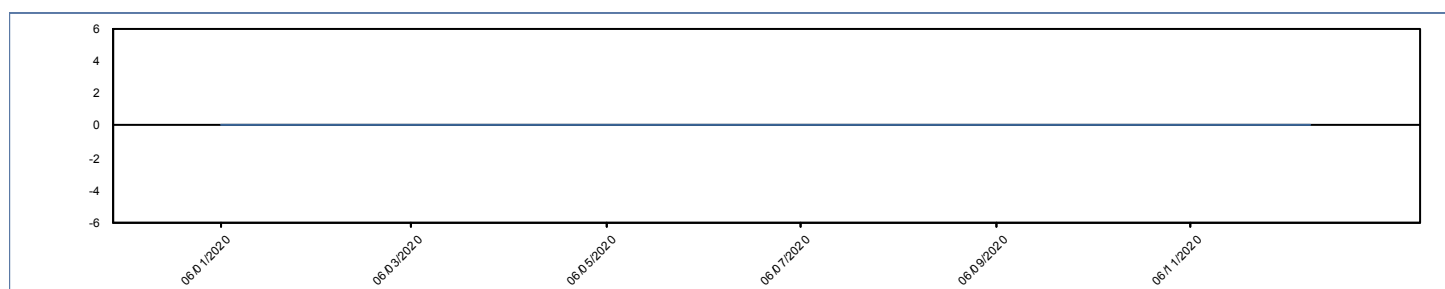
PBGB0G13

Number of readings

12

Number of breaches

0



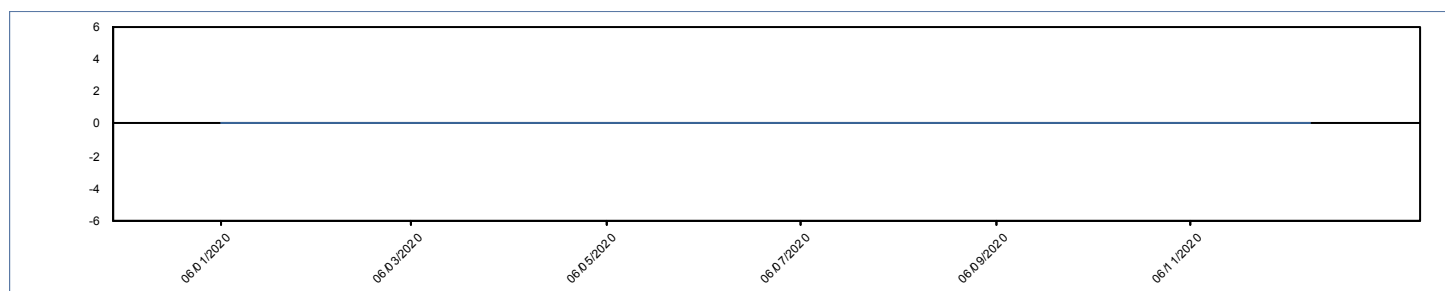
PBGB0G14

Number of readings

12

Number of breaches

0



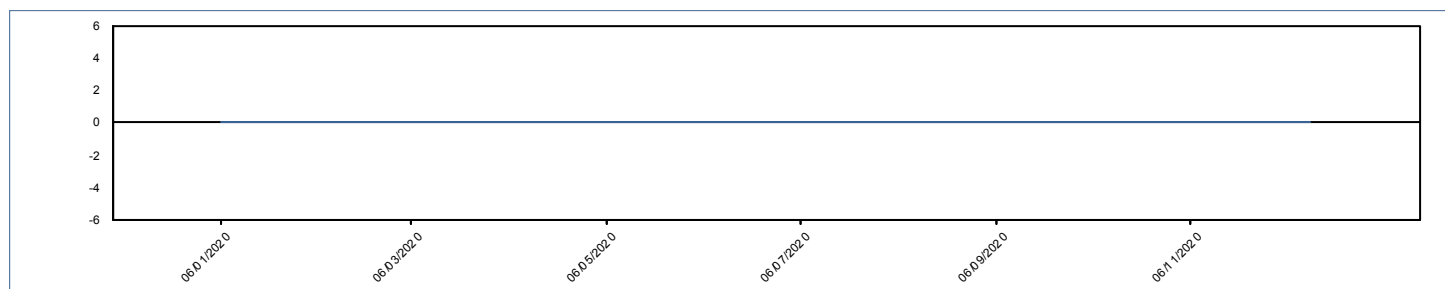
PBGB0G15

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

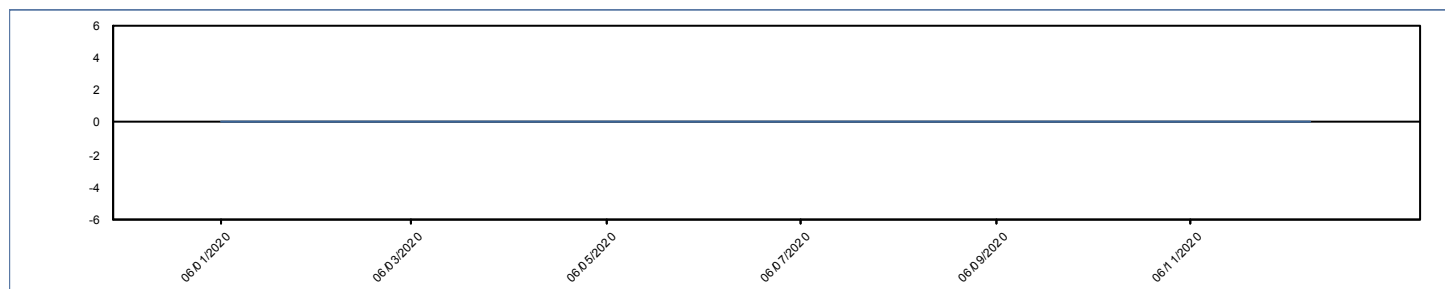
PBGB0G16

Number of readings

12

Number of breaches

0



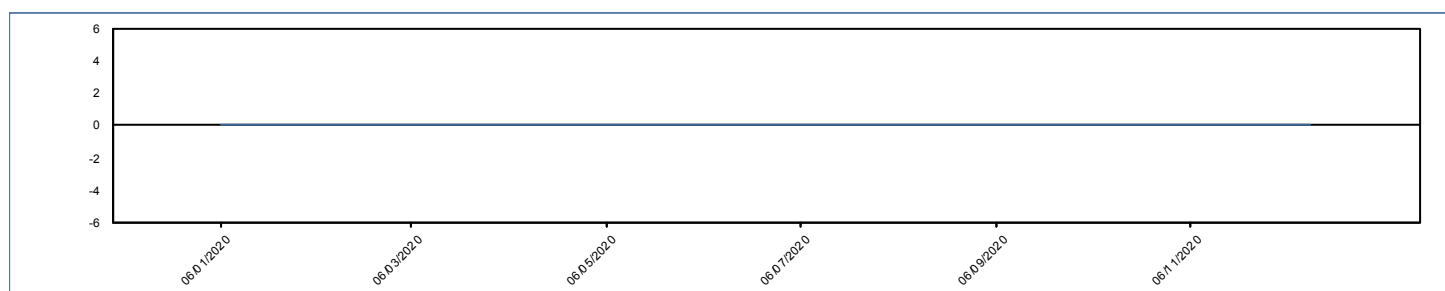
PBGB0G17

Number of readings

12

Number of breaches

0



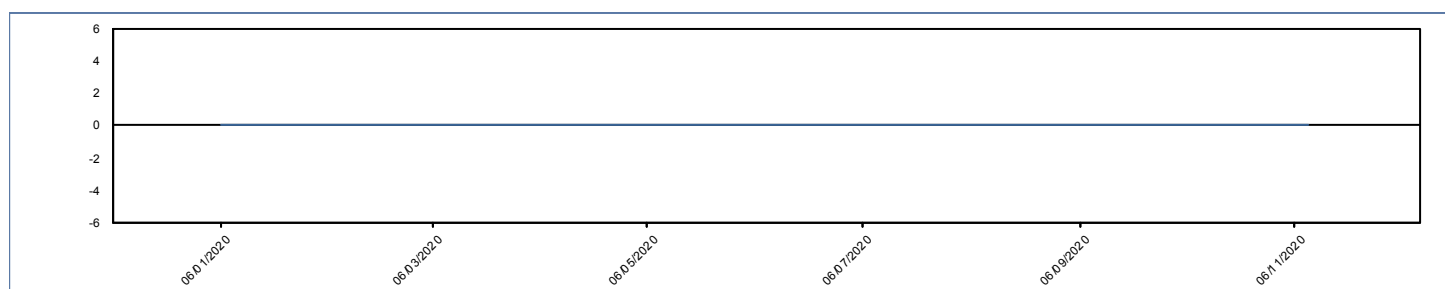
PBT00001

Number of readings

7

Number of breaches

0



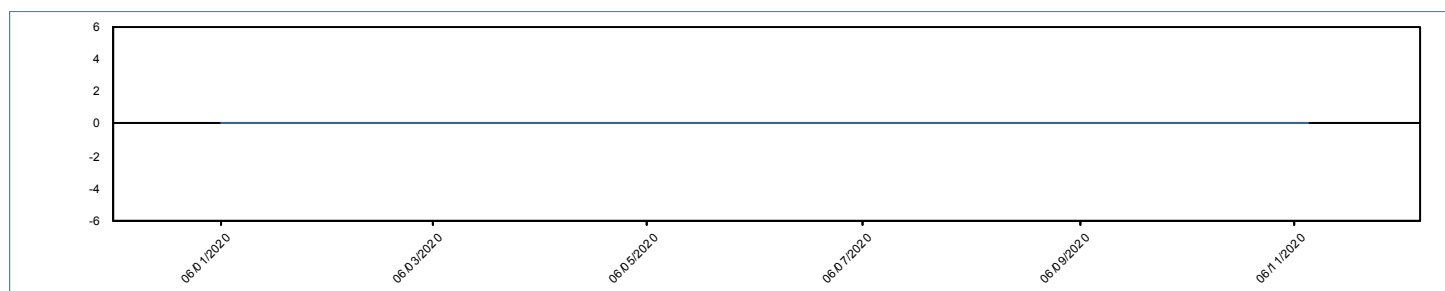
PBT00002

Number of readings

7

Number of breaches

0



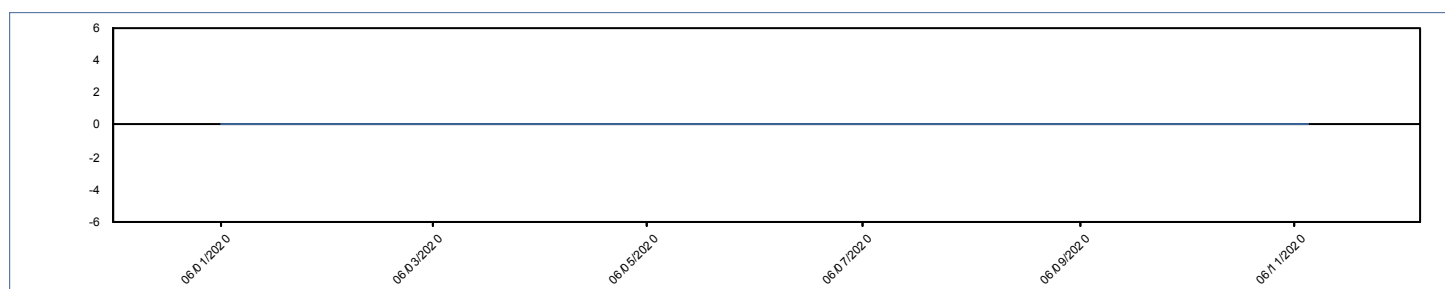
PBT00003

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

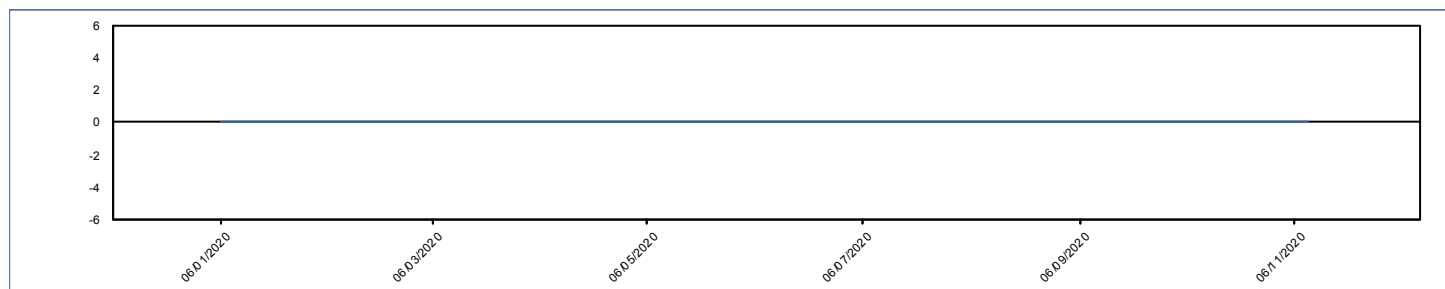
PBT00004

Number of readings

7

Number of breaches

0



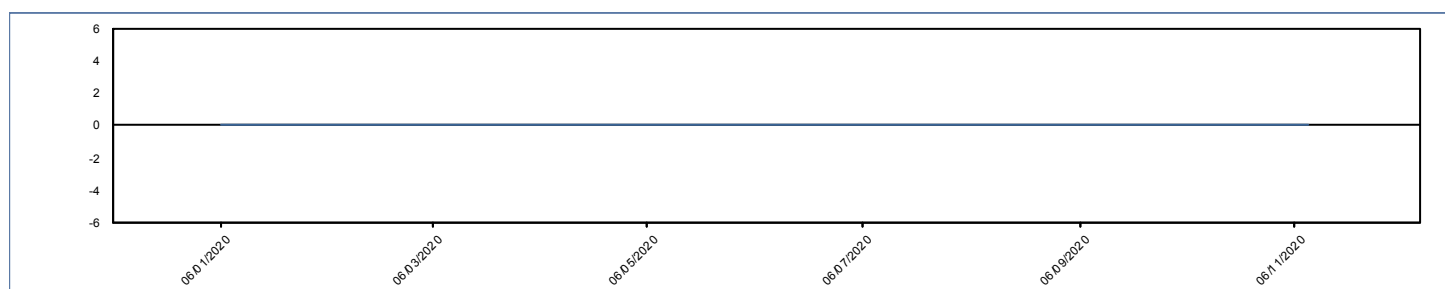
PBT00005

Number of readings

7

Number of breaches

0



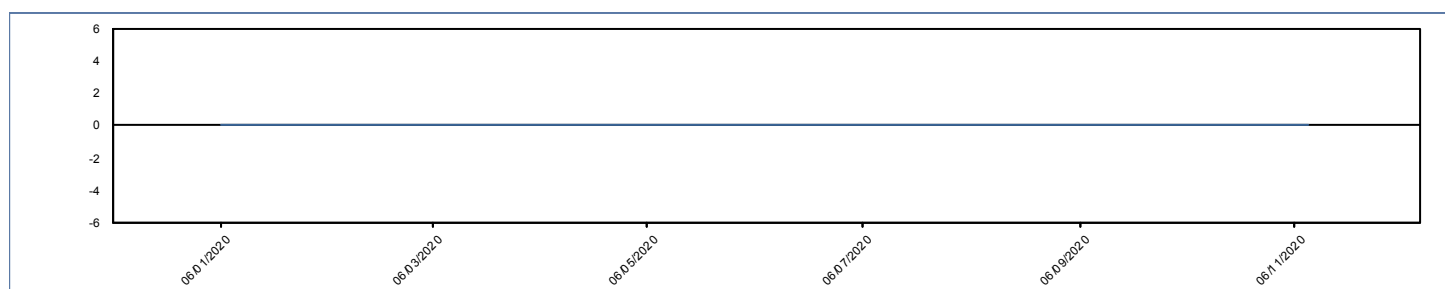
PBT00006

Number of readings

7

Number of breaches

0



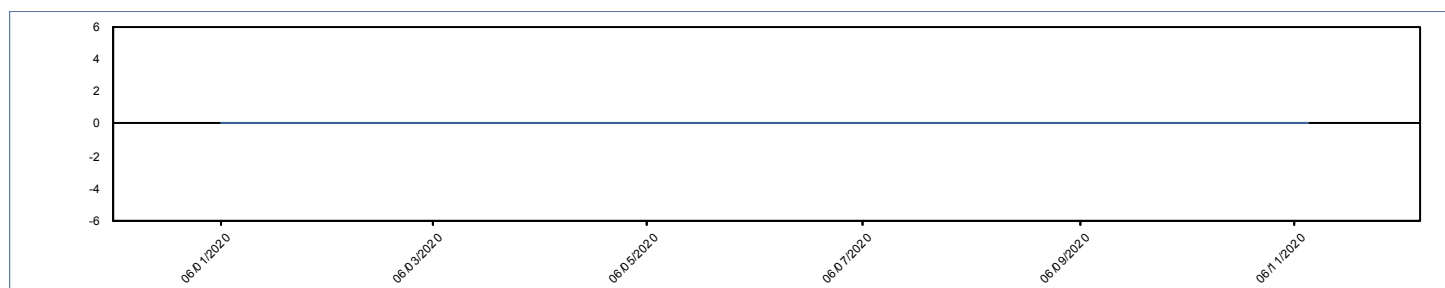
PBT00007

Number of readings

7

Number of breaches

0



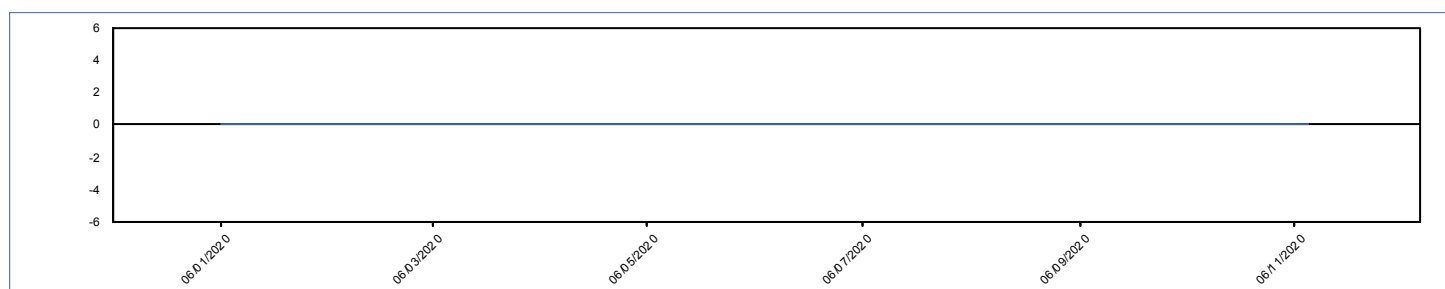
PBT00008

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

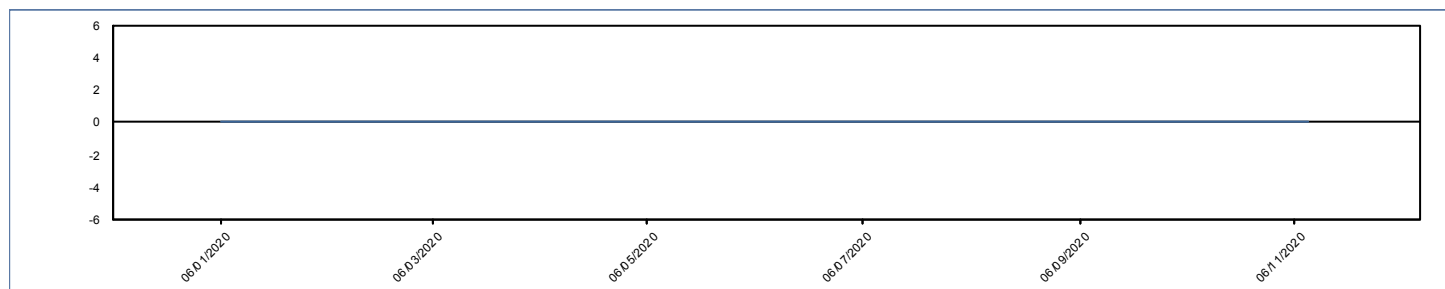
PBT00009

Number of readings

7

Number of breaches

0



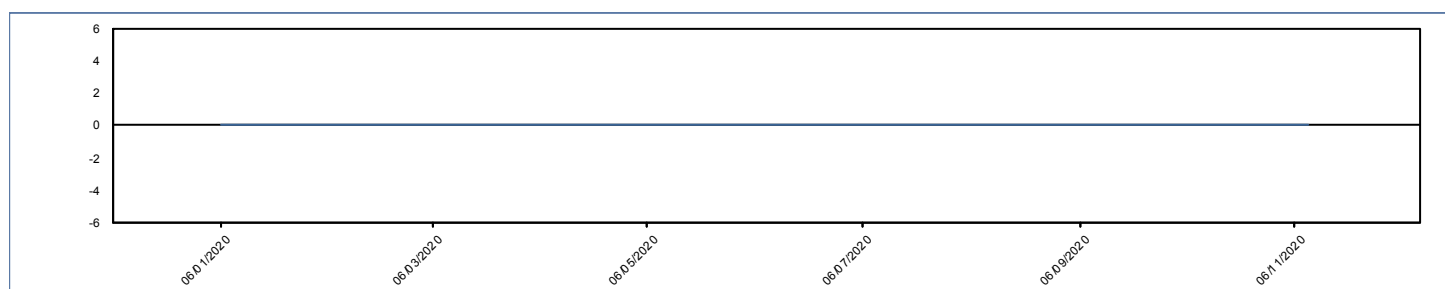
PBT00010

Number of readings

7

Number of breaches

0



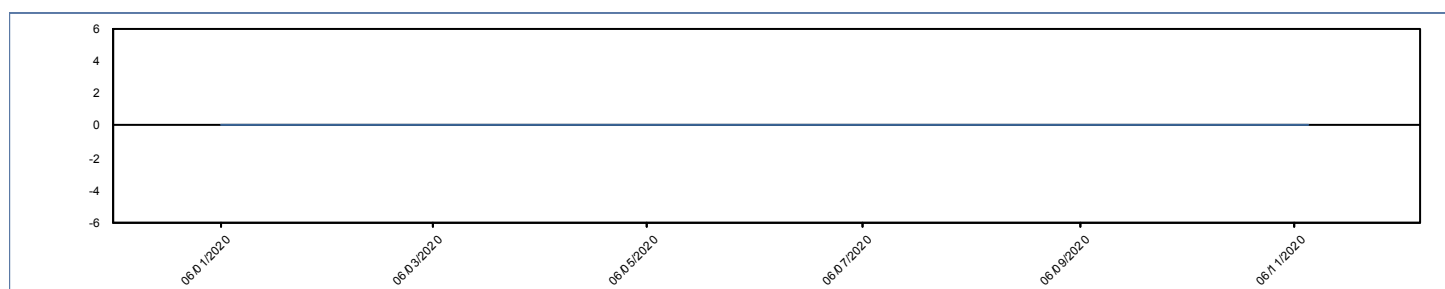
PBT00011

Number of readings

7

Number of breaches

0



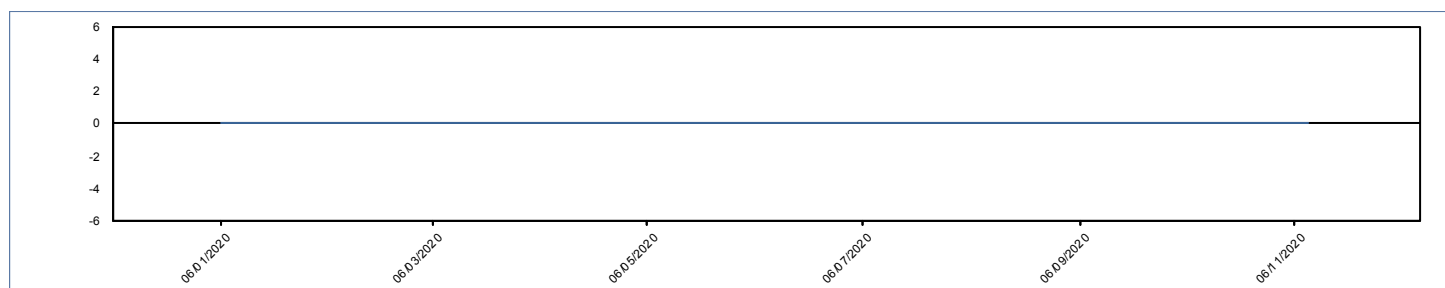
PBT00012

Number of readings

7

Number of breaches

0



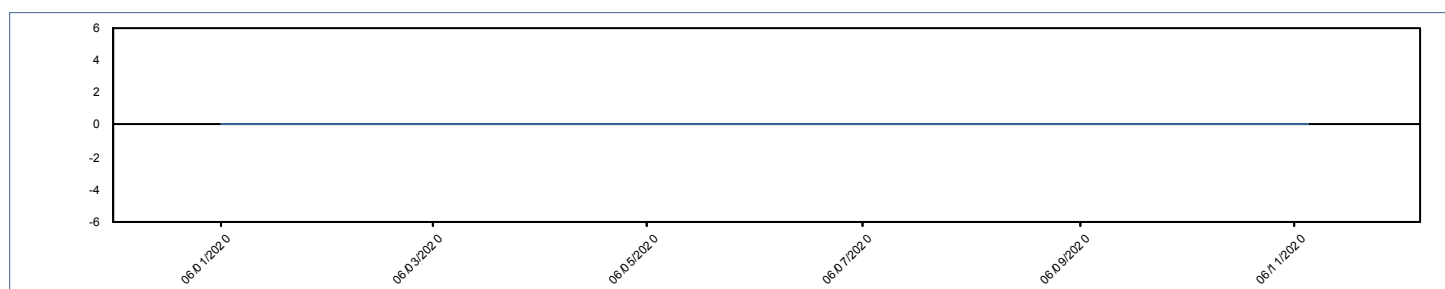
PBT00013

Number of readings

7

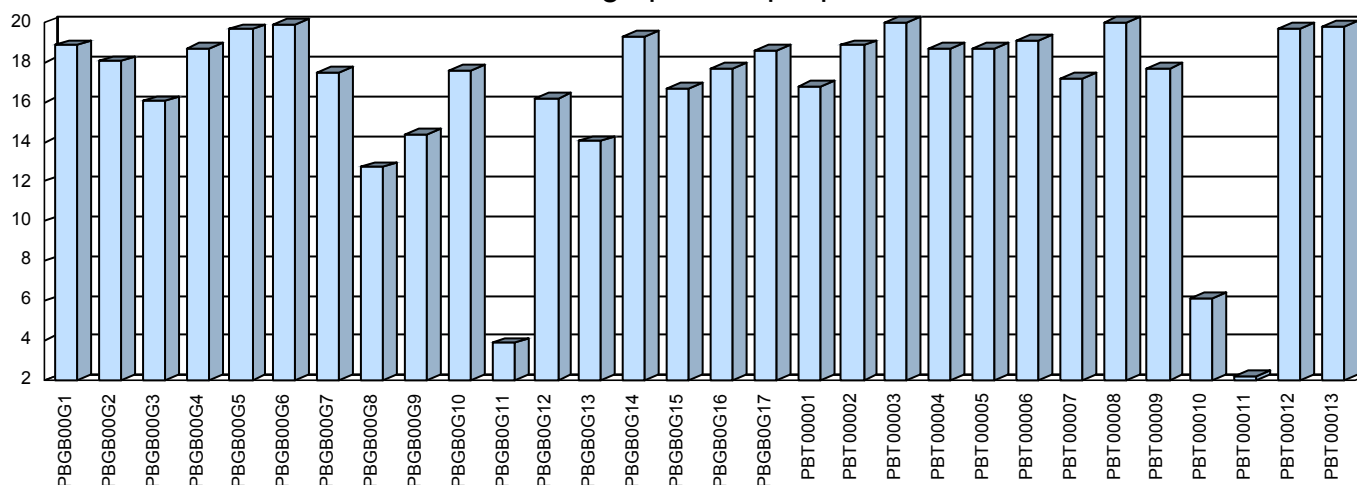
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	12	0	18.00	19.50	18.85	226.20	0.43	0.19	19.50
PBGB00G2	12	0	14.50	19.60	18.06	216.70	1.37	1.87	19.60
PBGB00G3	12	0	14.60	19.20	16.05	192.60	1.32	1.73	19.20
PBGB00G4	12	0	16.30	20.70	18.72	224.60	1.43	2.04	20.70
PBGB00G5	12	0	18.60	20.70	19.64	235.70	0.72	0.52	20.70
PBGB00G6	12	0	19.10	20.70	19.89	238.70	0.45	0.20	20.70
PBGB00G7	12	0	15.30	20.20	17.52	210.20	1.26	1.58	20.20
PBGB00G8	12	0	8.40	16.30	12.73	152.80	2.68	7.18	16.30
PBGB00G9	12	0	9.90	18.10	14.38	172.60	2.58	6.65	18.10
PBGB00G10	12	0	14.00	20.00	17.57	210.80	1.77	3.13	20.00
PBGB00G11	12	0	0.90	6.70	3.88	46.60	2.01	4.04	6.70
PBGB00G12	12	0	10.20	19.80	16.17	194.00	3.32	11.01	19.80
PBGB00G13	12	0	11.10	19.50	14.03	168.30	2.82	7.93	19.50
PBGB00G14	12	0	16.20	20.70	19.28	231.40	1.07	1.15	20.70
PBGB00G15	12	0	13.90	19.70	16.67	200.00	2.22	4.93	19.70
PBGB00G16	12	0	15.10	19.40	17.69	212.30	1.19	1.42	19.40
PBGB00G17	12	0	16.50	21.00	18.62	223.40	1.28	1.64	21.00
PBT00001	7	0	5.40	20.50	16.80	117.60	5.15	26.54	20.50
PBT00002	7	0	13.30	20.60	18.86	132.00	2.34	5.48	20.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00003	7	0	19.20	20.50	19.99	139.90	0.48	0.23	20.50
PBT00004	7	0	18.00	19.80	18.70	130.90	0.59	0.34	19.80
PBT00005	7	0	17.60	19.70	18.69	130.80	0.86	0.74	19.70
PBT00006	7	0	17.90	19.80	19.09	133.60	0.70	0.49	19.80
PBT00007	7	0	13.80	19.30	17.20	120.40	1.96	3.85	19.30
PBT00008	7	0	19.40	20.50	20.00	140.00	0.45	0.21	20.50
PBT00009	7	0	16.60	19.70	17.69	123.80	1.07	1.14	19.70
PBT00010	7	0	0.90	15.90	6.11	42.80	6.23	38.86	15.90
PBT00011	7	0	0.20	11.00	2.20	15.40	3.63	13.15	11.00
PBT00012	7	0	19.10	20.40	19.69	137.80	0.43	0.19	20.40
PBT00013	7	0	19.30	20.40	19.79	138.50	0.37	0.14	20.40
Total	295	0	0.20	21.00	16.48	4,860.40	4.80	23.08	20.50

Data from: 1 Jan 2020 to: 31 Dec 2020

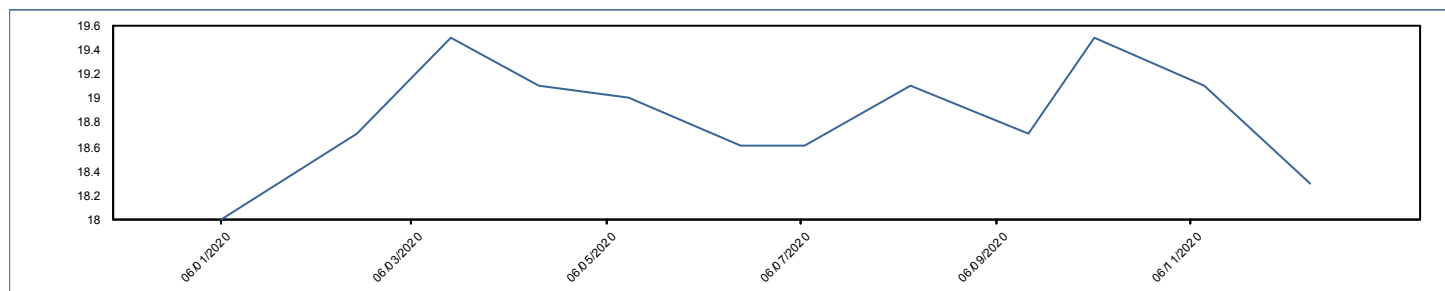
PBGB00G1

Number of readings

12

Number of breaches

0



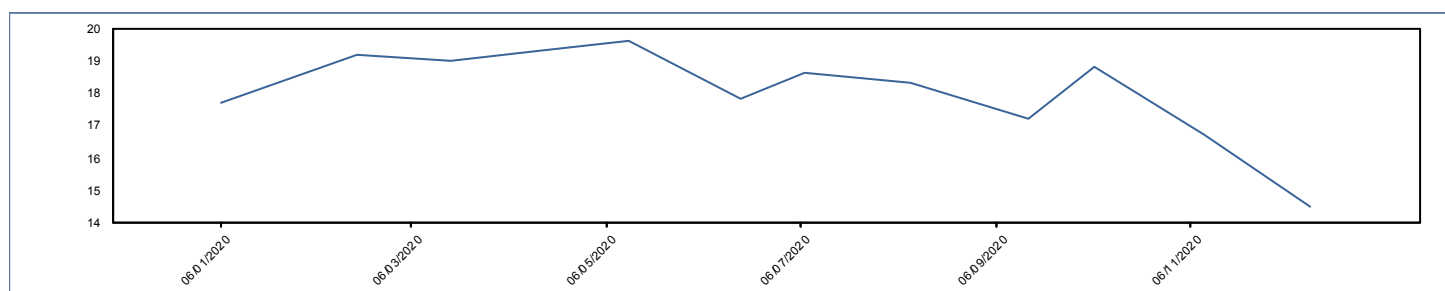
PBGB00G2

Number of readings

12

Number of breaches

0



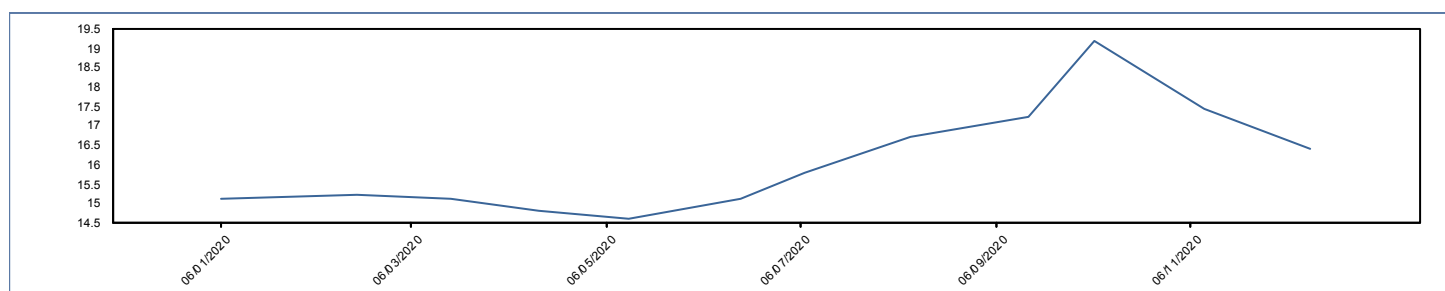
PBGB00G3

Number of readings

12

Number of breaches

0



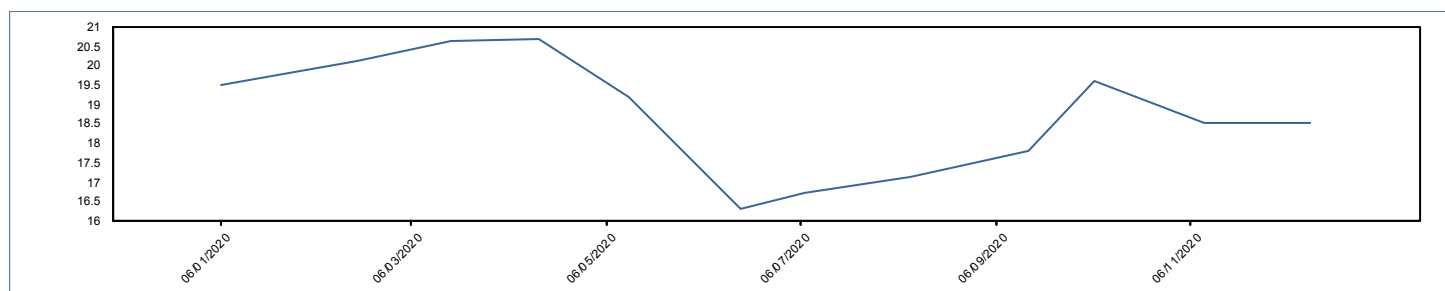
PBGB00G4

Number of readings

12

Number of breaches

0



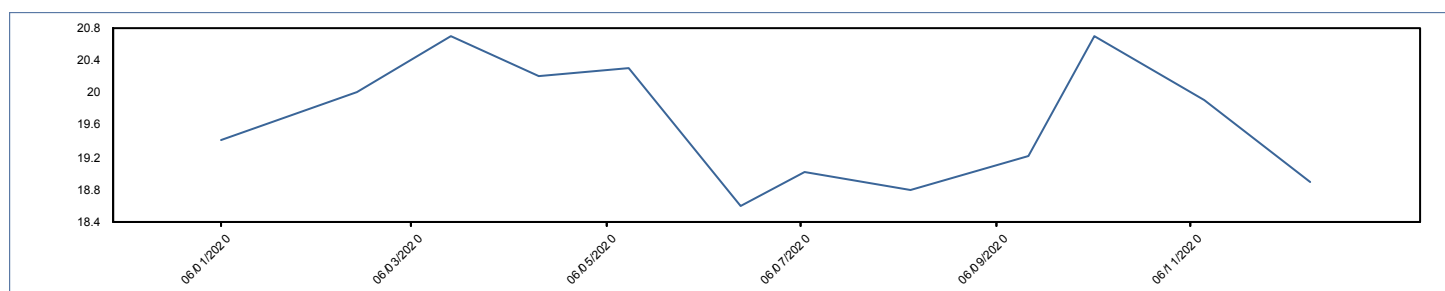
PBGB00G5

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

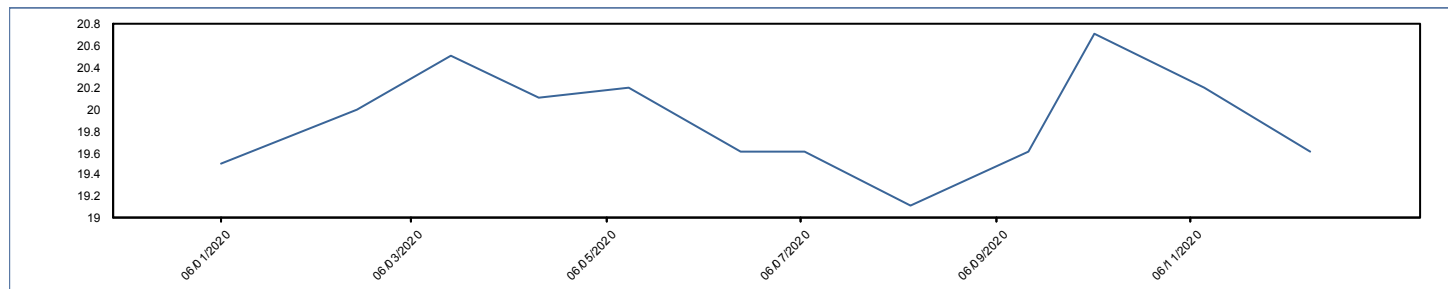
PBGB00G6

Number of readings

12

Number of breaches

0



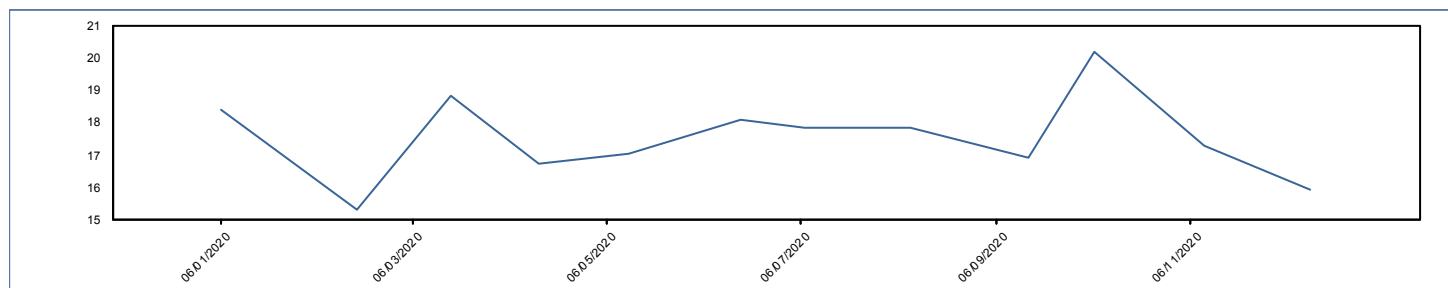
PBGB00G7

Number of readings

12

Number of breaches

0



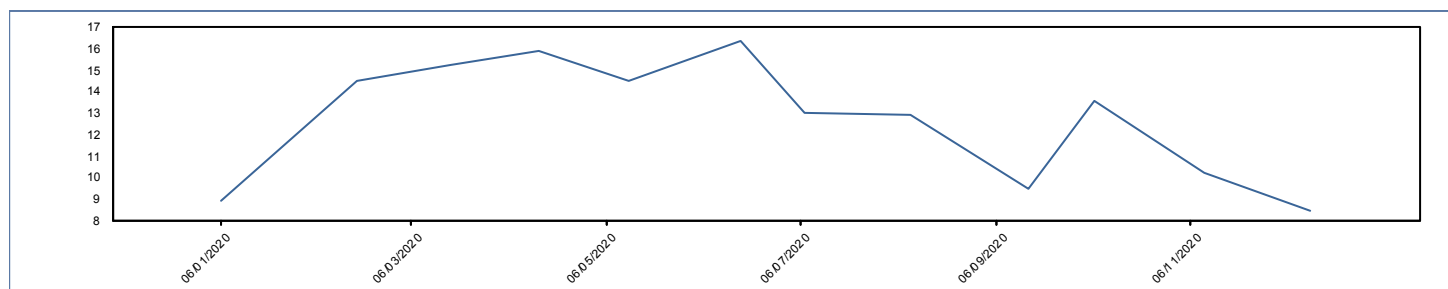
PBGB00G8

Number of readings

12

Number of breaches

0



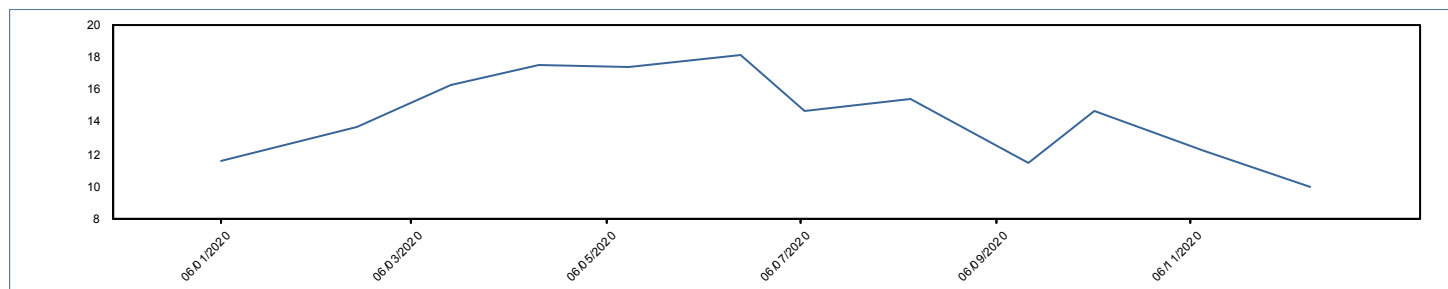
PBGB00G9

Number of readings

12

Number of breaches

0



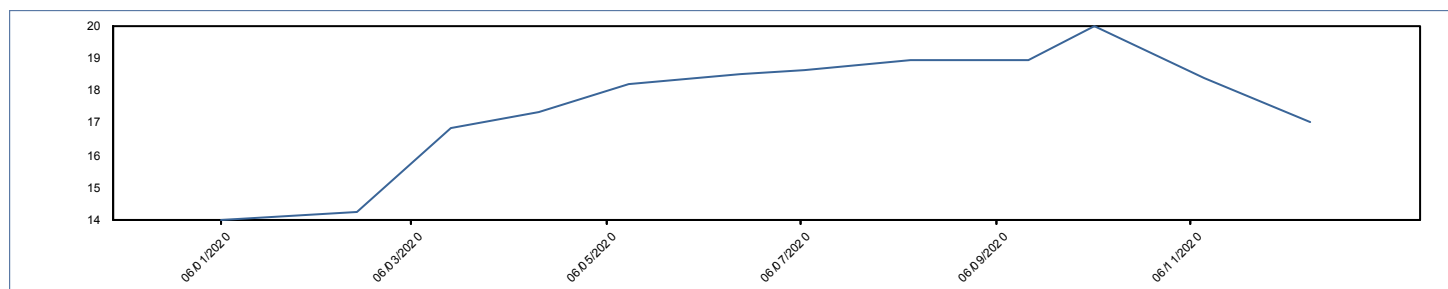
PBGB00G10

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

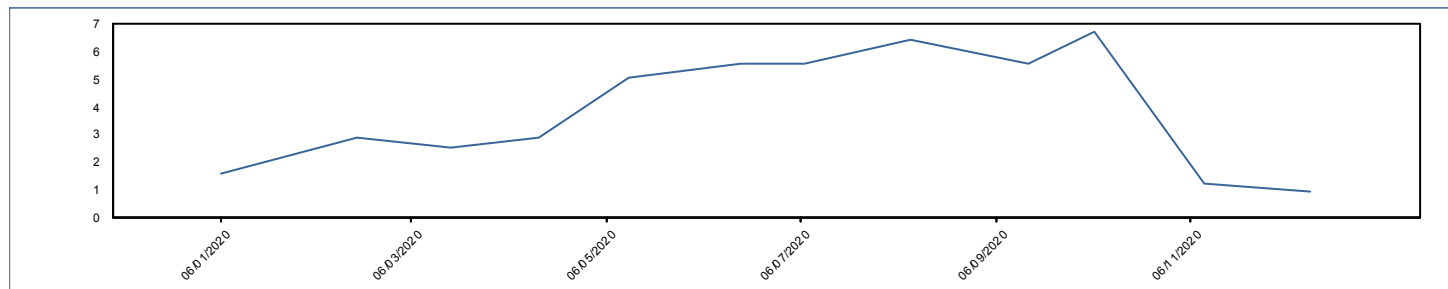
PBGB0G11

Number of readings

12

Number of breaches

0



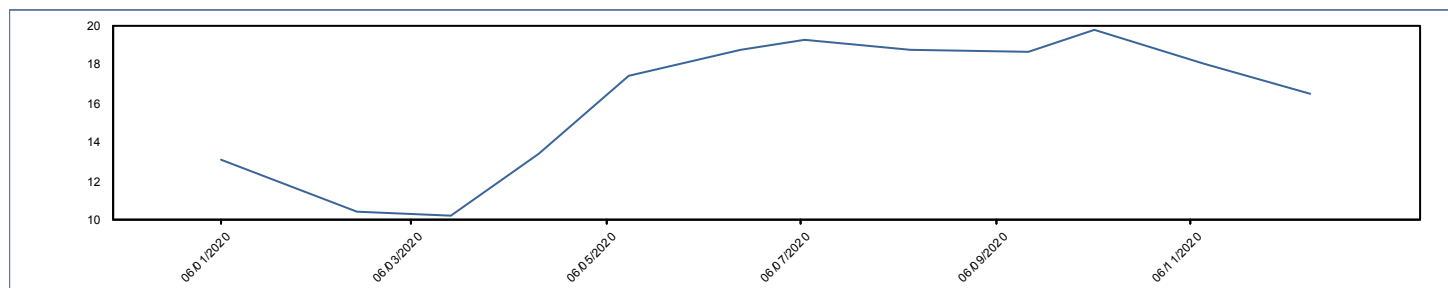
PBGB0G12

Number of readings

12

Number of breaches

0



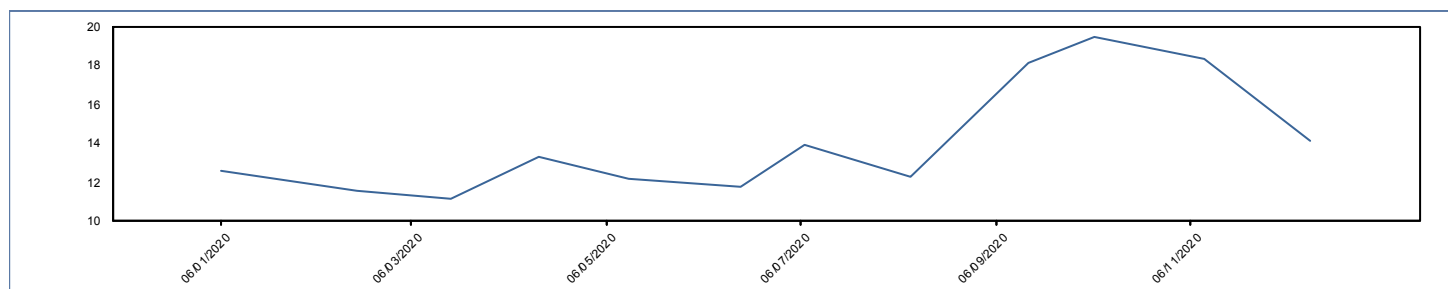
PBGB0G13

Number of readings

12

Number of breaches

0



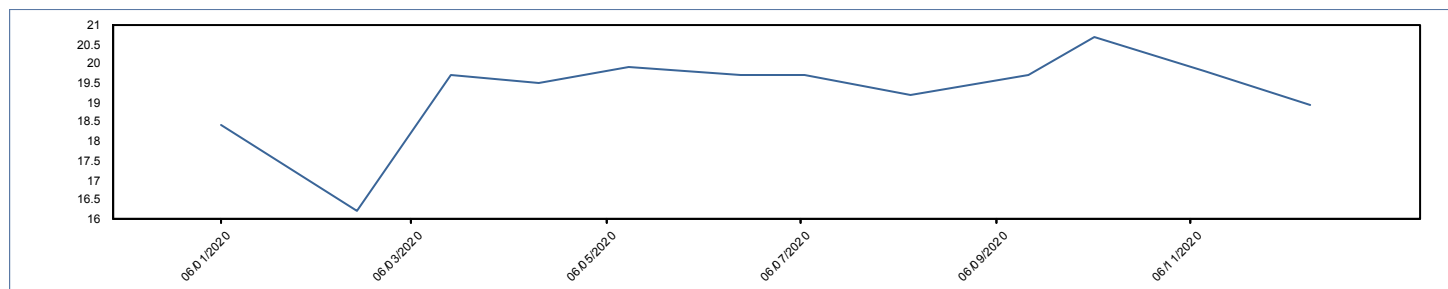
PBGB0G14

Number of readings

12

Number of breaches

0



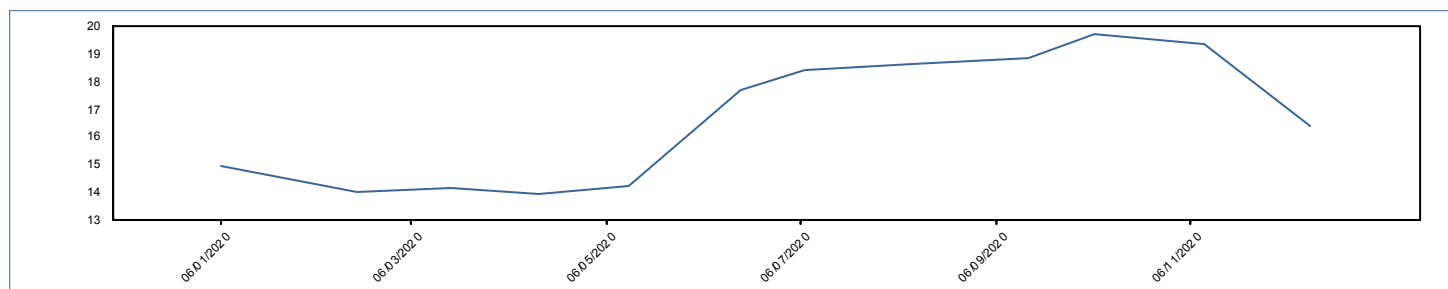
PBGB0G15

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

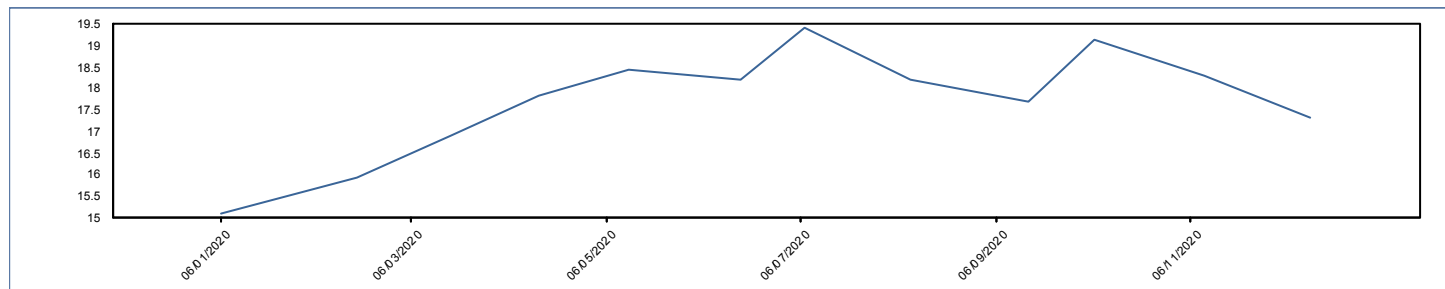
PBGB0G16

Number of readings

12

Number of breaches

0



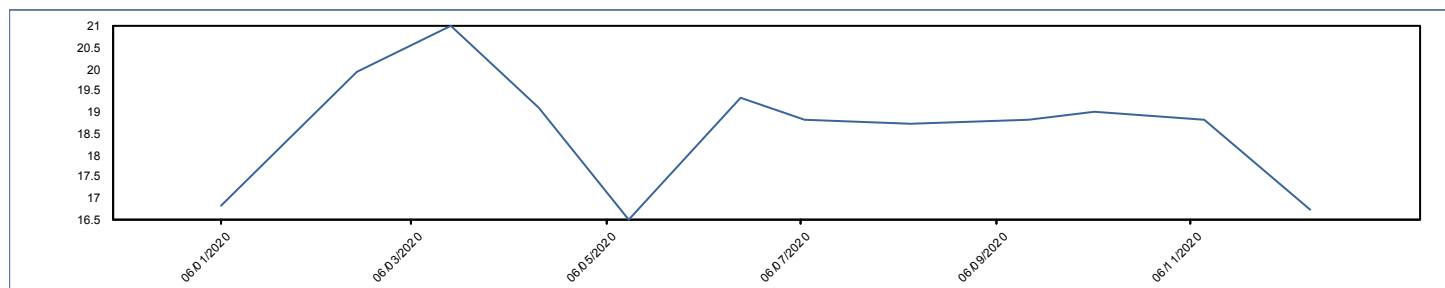
PBGB0G17

Number of readings

12

Number of breaches

0



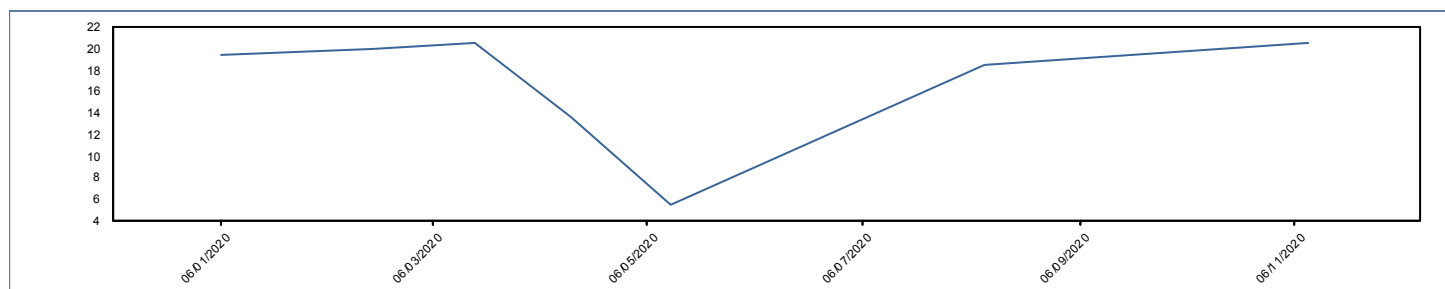
PBT00001

Number of readings

7

Number of breaches

0



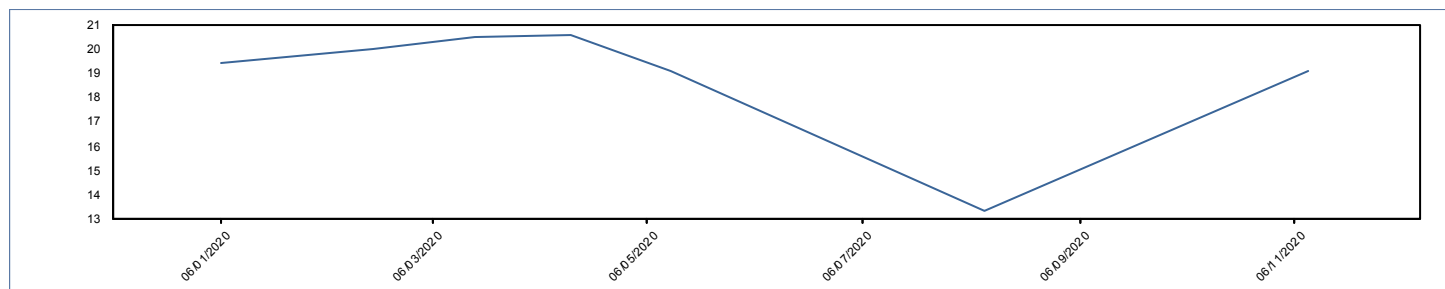
PBT00002

Number of readings

7

Number of breaches

0



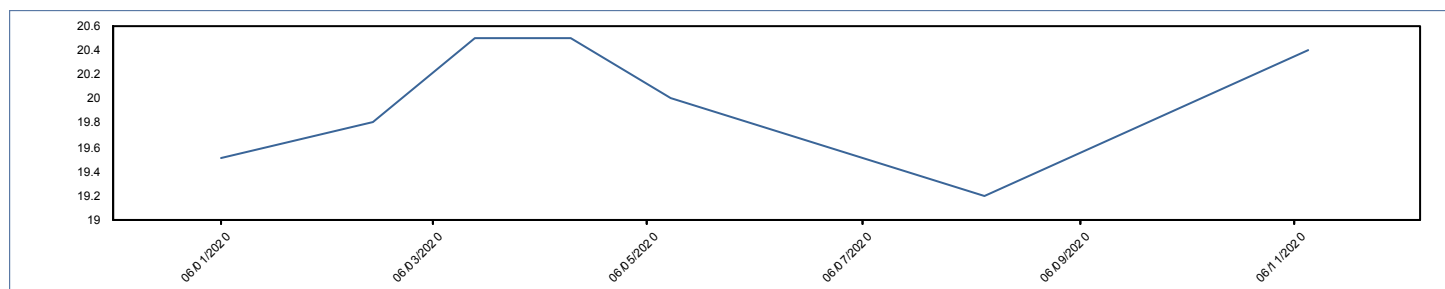
PBT00003

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

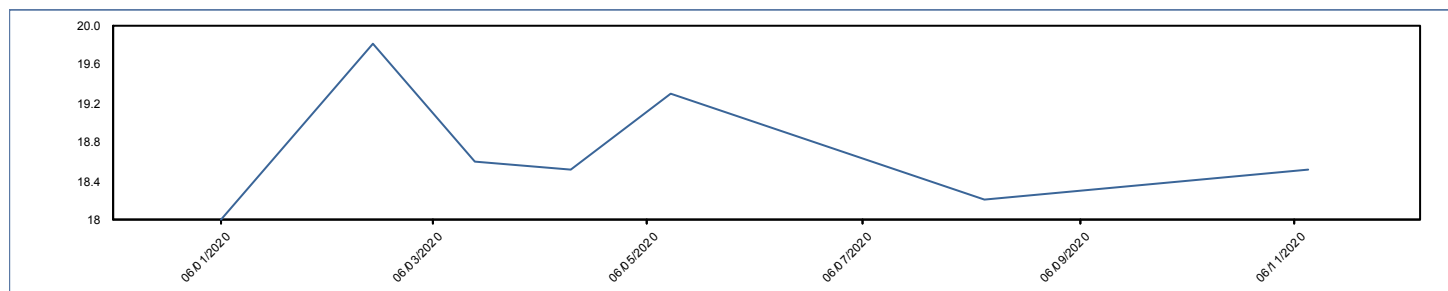
PBT00004

Number of readings

7

Number of breaches

0



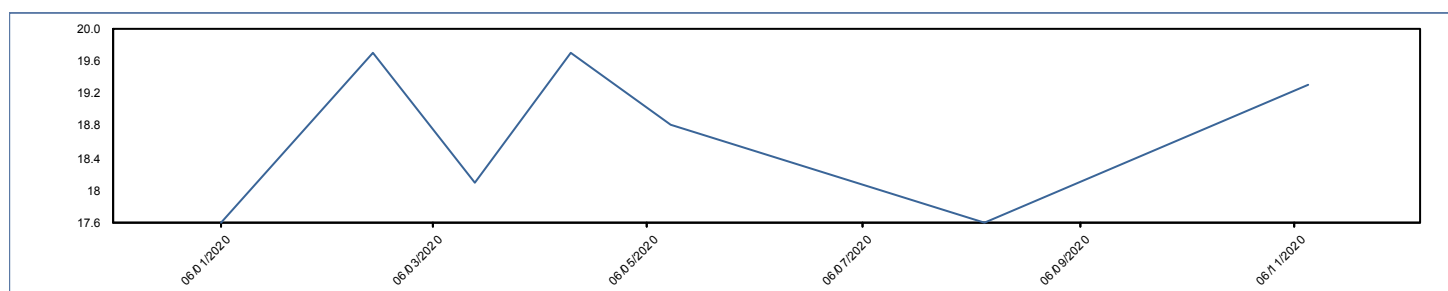
PBT00005

Number of readings

7

Number of breaches

0



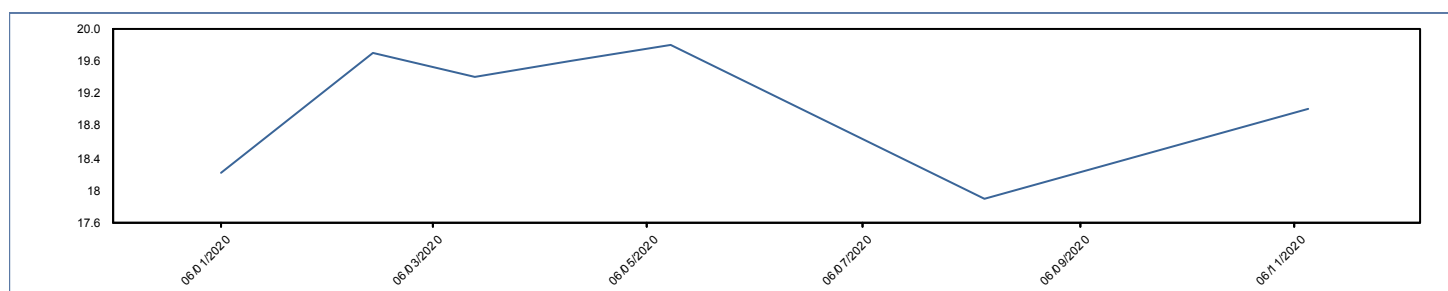
PBT00006

Number of readings

7

Number of breaches

0



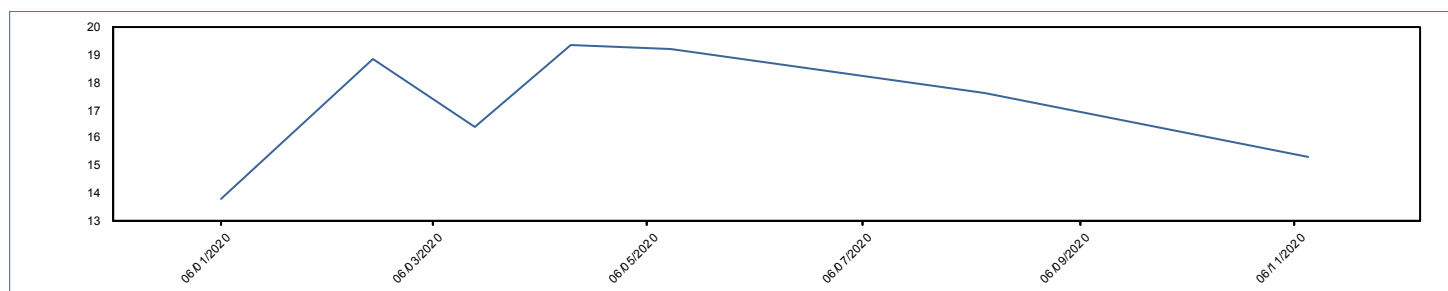
PBT00007

Number of readings

7

Number of breaches

0



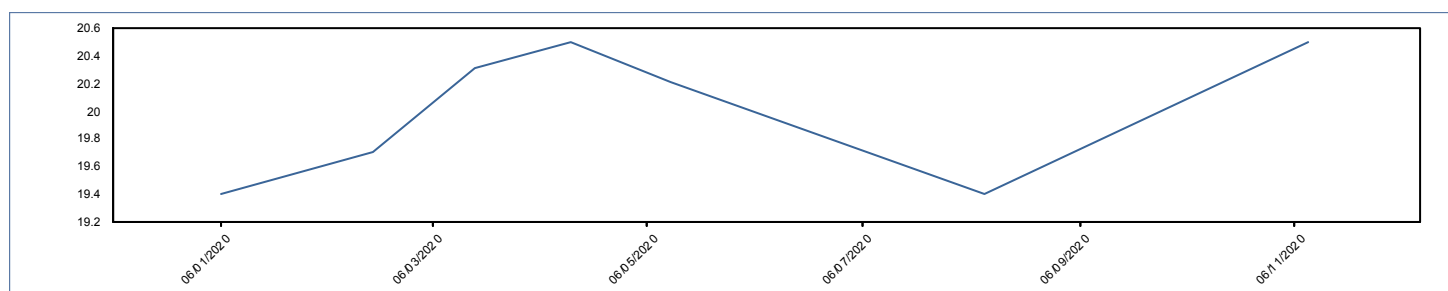
PBT00008

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

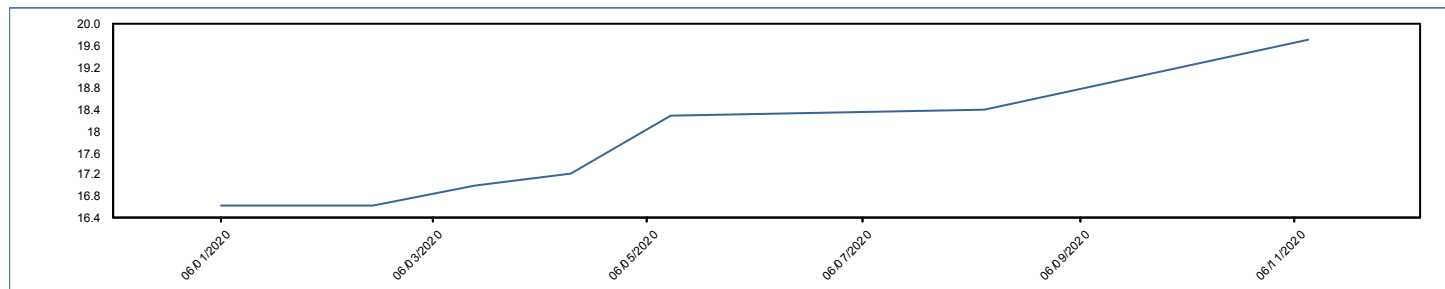
PBT00009

Number of readings

7

Number of breaches

0



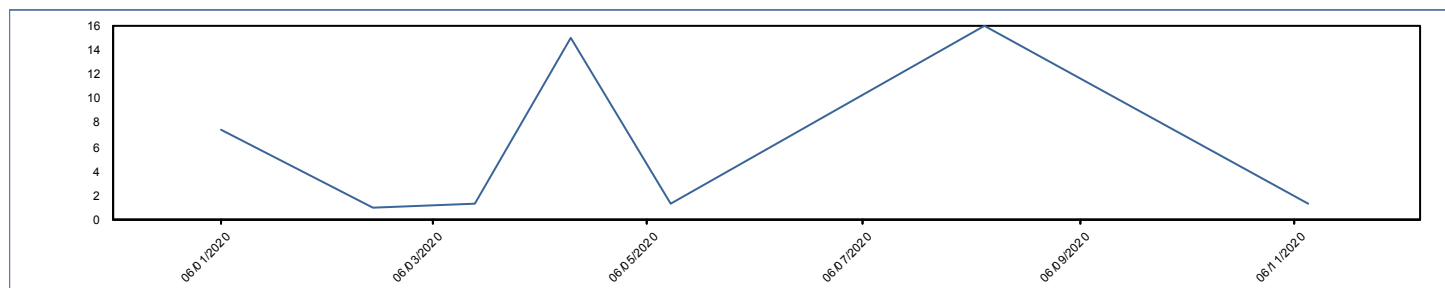
PBT00010

Number of readings

7

Number of breaches

0



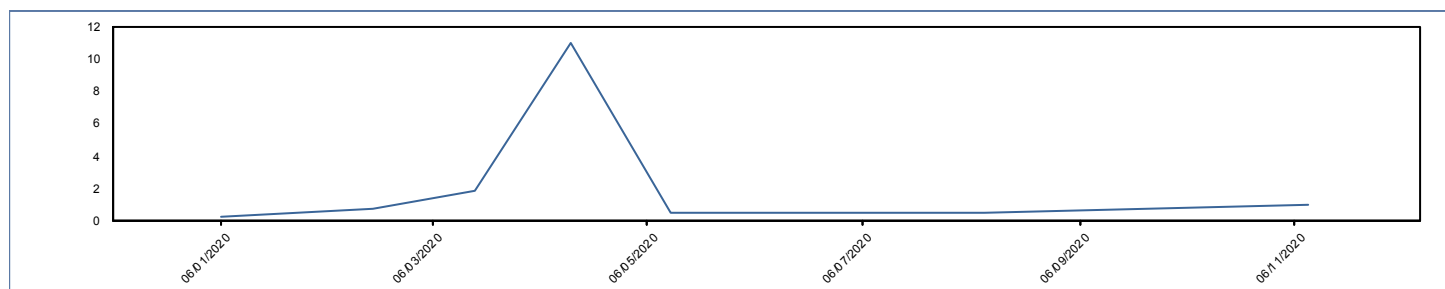
PBT00011

Number of readings

7

Number of breaches

0



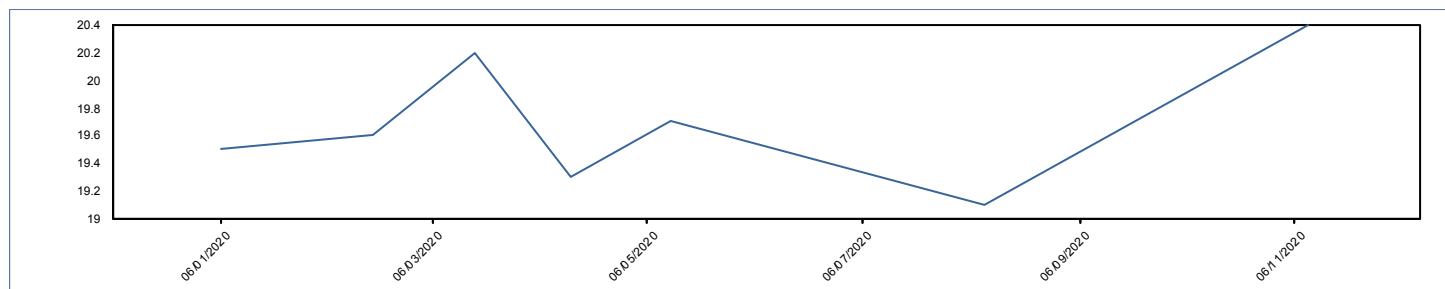
PBT00012

Number of readings

7

Number of breaches

0



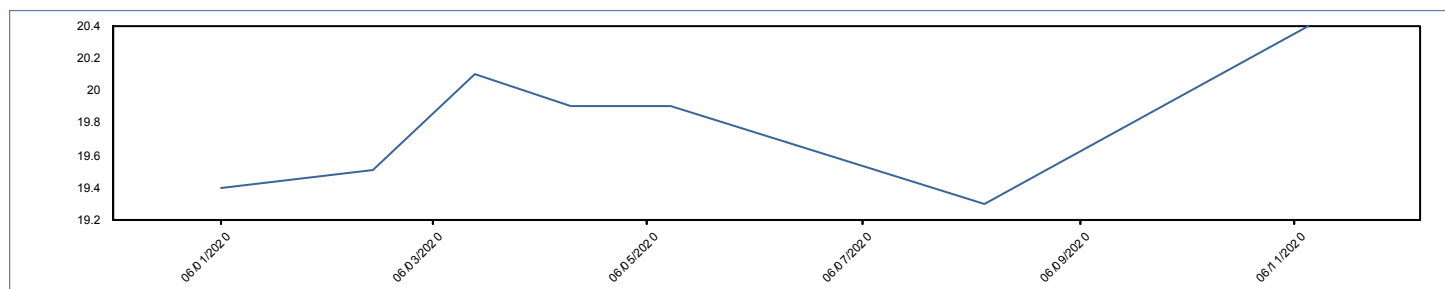
PBT00013

Number of readings

7

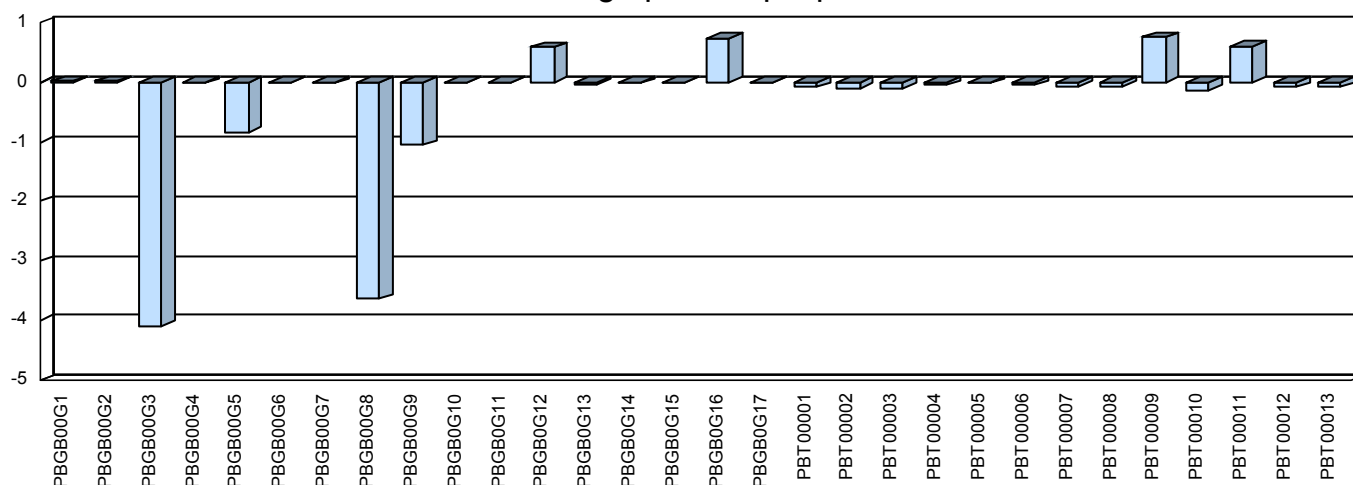
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBGB00G1	12	0	-0.12	0.12	0.02	0.19	0.07	0.01	0.12
PBGB00G2	12	0	-0.11	0.15	0.02	0.20	0.07	0.00	0.15
PBGB00G3	12	0	-46.59	24.90	-4.09	-49.11	18.29	334.41	24.90
PBGB00G4	12	0	-0.12	0.16	-0.02	-0.20	0.08	0.01	0.16
PBGB00G5	12	0	-6.39	0.14	-0.83	-10.00	1.91	3.65	0.14
PBGB00G6	12	0	-0.21	0.10	-0.01	-0.13	0.08	0.01	0.10
PBGB00G7	12	0	-0.24	0.11	-0.03	-0.30	0.09	0.01	0.11
PBGB00G8	12	0	-44.16	0.35	-3.64	-43.72	12.22	149.25	0.35
PBGB00G9	12	0	-7.61	0.19	-1.06	-12.71	2.40	5.74	0.19
PBGB00G10	12	0	-0.27	0.10	-0.01	-0.10	0.10	0.01	0.10
PBGB00G11	12	0	-0.25	0.21	0.01	0.07	0.14	0.02	0.21
PBGB00G12	12	0	-0.40	6.52	0.58	7.01	1.81	3.27	6.52
PBGB00G13	12	0	-0.33	0.13	-0.03	-0.39	0.13	0.02	0.13
PBGB00G14	12	0	-0.31	0.13	-0.02	-0.19	0.11	0.01	0.13
PBGB00G15	12	0	-0.29	0.19	0.00	-0.03	0.14	0.02	0.19
PBGB00G16	12	0	-1.72	9.67	0.73	8.70	2.76	7.60	9.67
PBGB00G17	12	0	-0.26	0.09	-0.01	-0.10	0.10	0.01	0.09
PBT00001	7	0	-0.28	0.00	-0.09	-0.63	0.10	0.01	0.00
PBT00002	7	0	-0.35	0.01	-0.10	-0.73	0.12	0.01	0.01

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00003	7	0	-0.32	0.00	-0.10	-0.72	0.11	0.01	0.00
PBT00004	7	0	-0.18	0.03	-0.06	-0.41	0.07	0.01	0.03
PBT00005	7	0	-0.17	0.05	-0.03	-0.18	0.08	0.01	0.05
PBT00006	7	0	-0.17	0.04	-0.05	-0.38	0.07	0.01	0.04
PBT00007	7	0	-0.17	0.03	-0.08	-0.53	0.09	0.01	0.03
PBT00008	7	0	-0.17	0.03	-0.07	-0.50	0.08	0.01	0.03
PBT00009	7	0	-2.62	3.79	0.75	5.27	2.16	4.68	3.79
PBT00010	7	0	-1.13	0.40	-0.14	-0.96	0.45	0.20	0.40
PBT00011	7	0	-3.40	7.00	0.59	4.15	3.28	10.77	7.00
PBT00012	7	0	-0.36	0.18	-0.08	-0.56	0.16	0.03	0.18
PBT00013	7	0	-0.33	0.13	-0.09	-0.61	0.14	0.02	0.13
Total	295	0	-46.59	24.90	-0.33	-97.60	4.70	22.12	0.38

Data from: 1 Jan 2020 to: 31 Dec 2020

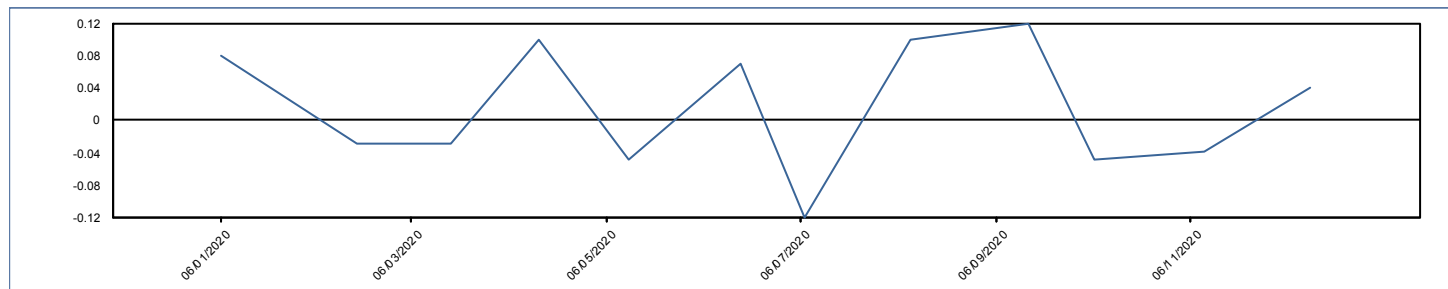
PBGB00G1

Number of readings

12

Number of breaches

0



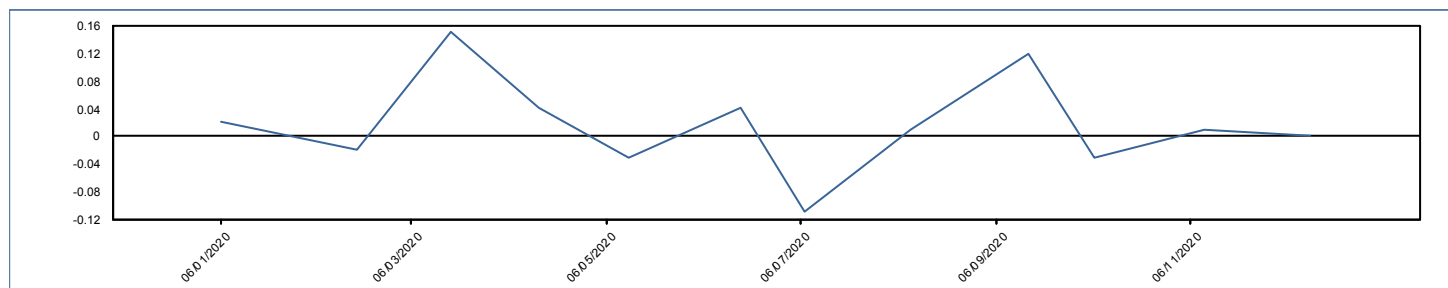
PBGB00G2

Number of readings

12

Number of breaches

0



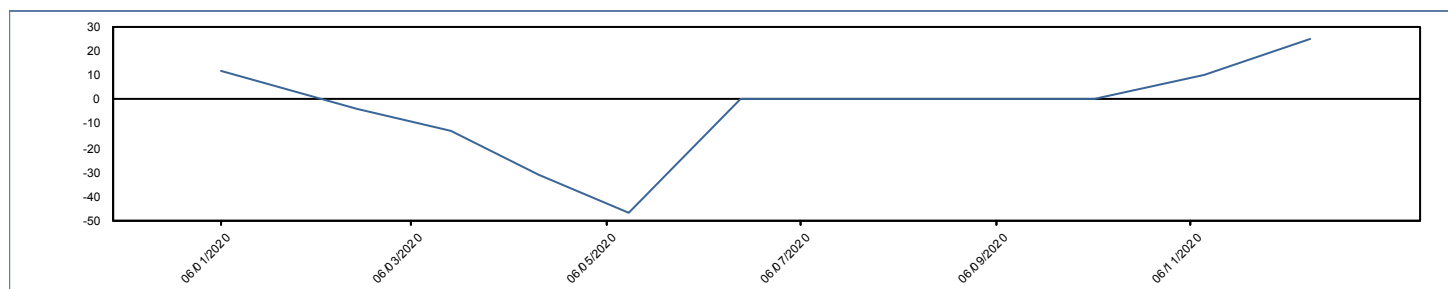
PBGB00G3

Number of readings

12

Number of breaches

0



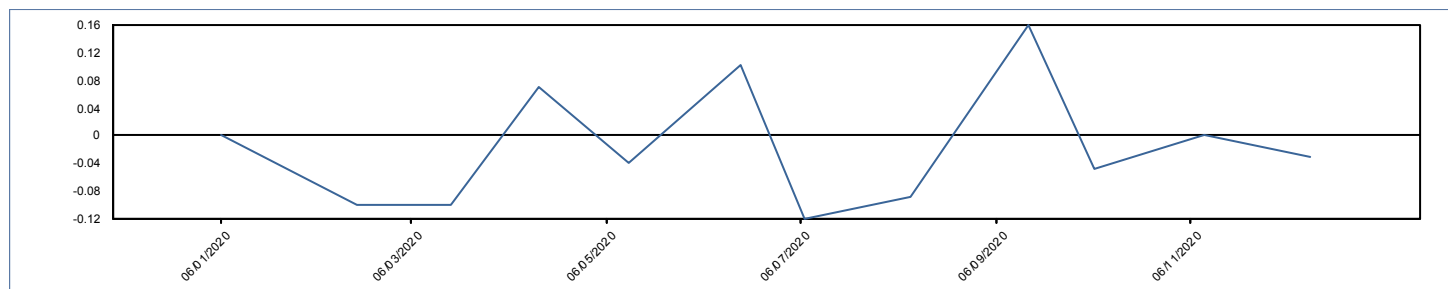
PBGB00G4

Number of readings

12

Number of breaches

0



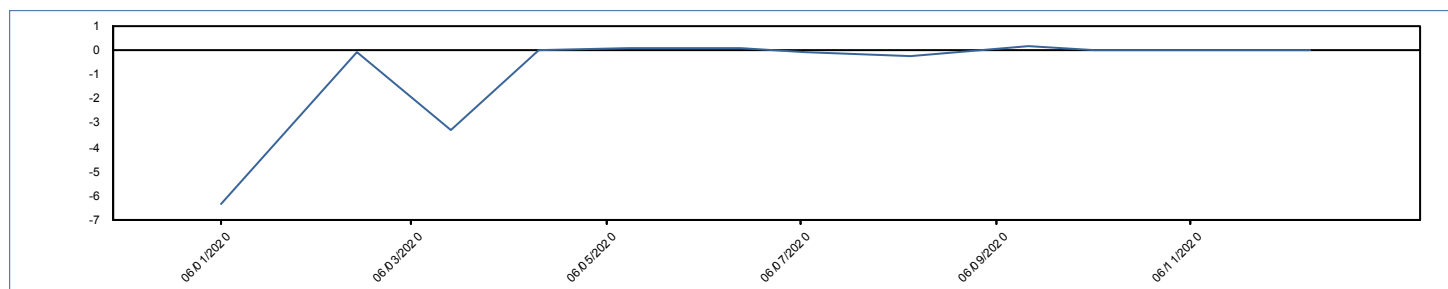
PBGB00G5

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

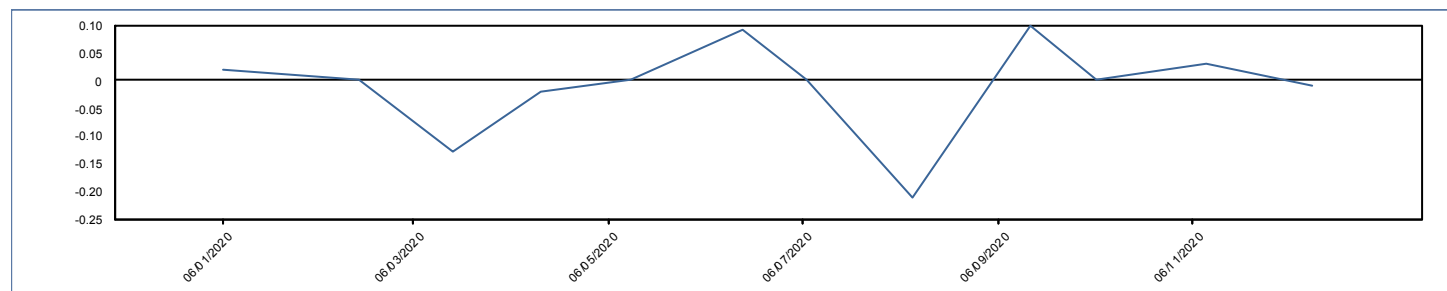
PBGB00G6

Number of readings

12

Number of breaches

0



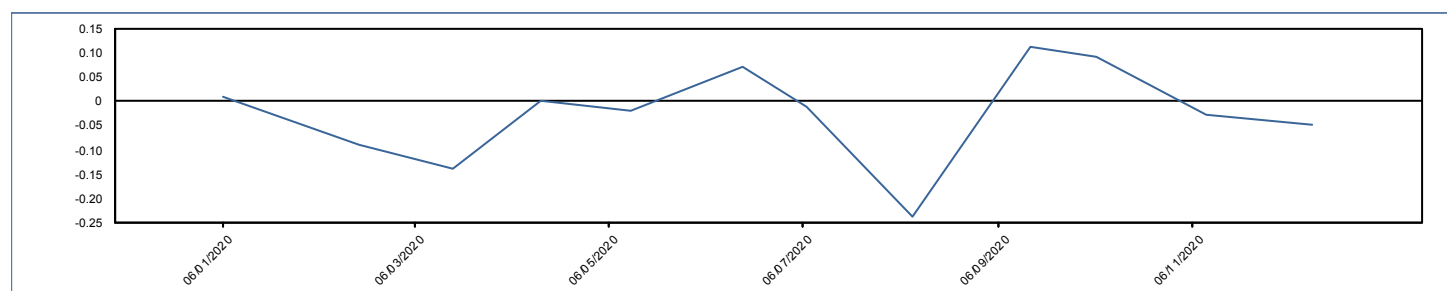
PBGB00G7

Number of readings

12

Number of breaches

0



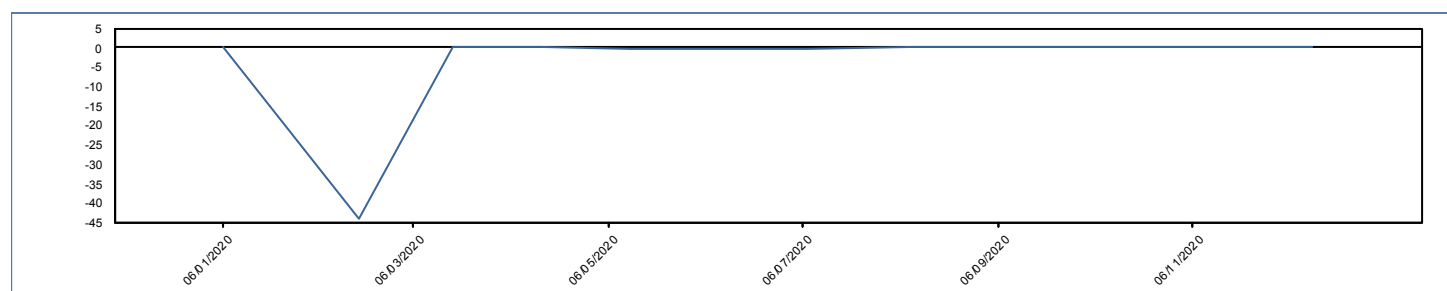
PBGB00G8

Number of readings

12

Number of breaches

0



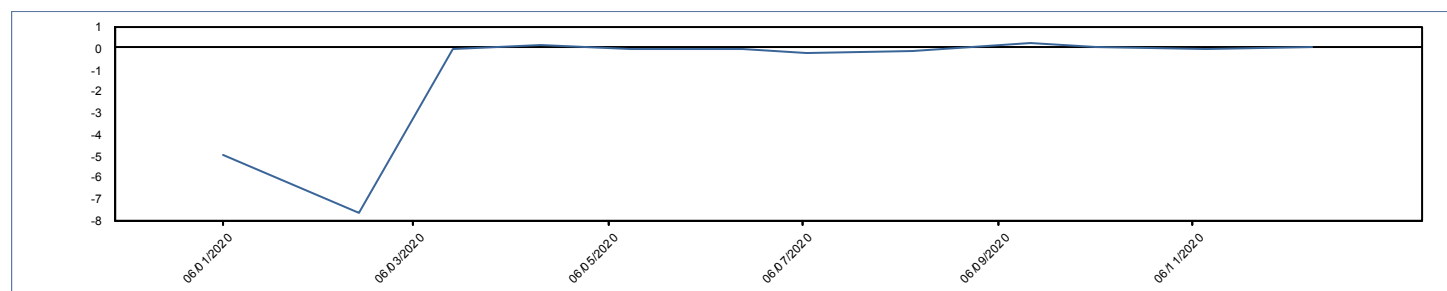
PBGB00G9

Number of readings

12

Number of breaches

0



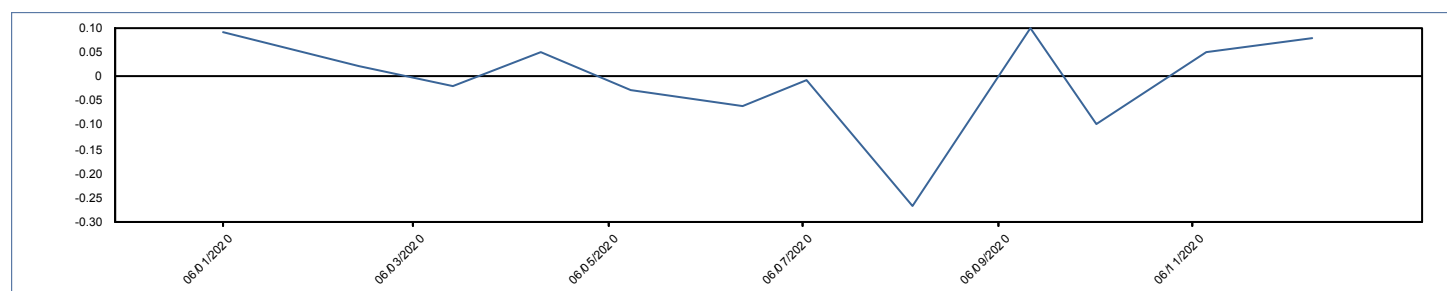
PBGB00G10

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

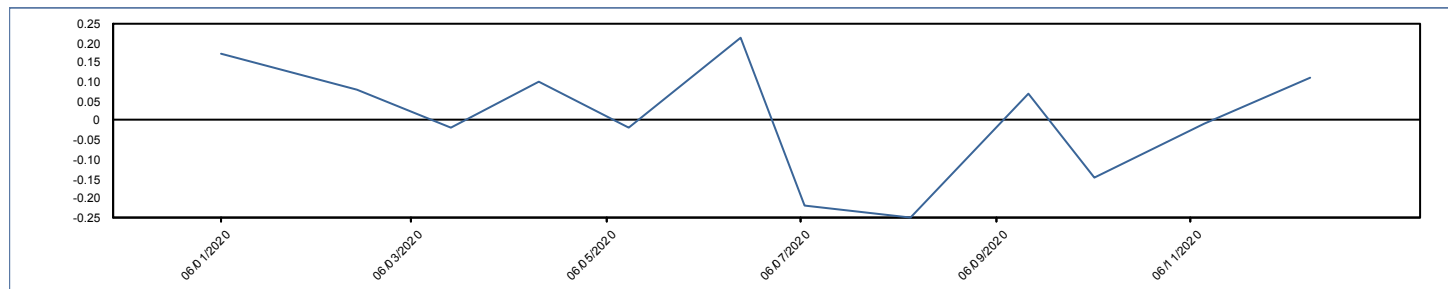
PBGB0G11

Number of readings

12

Number of breaches

0



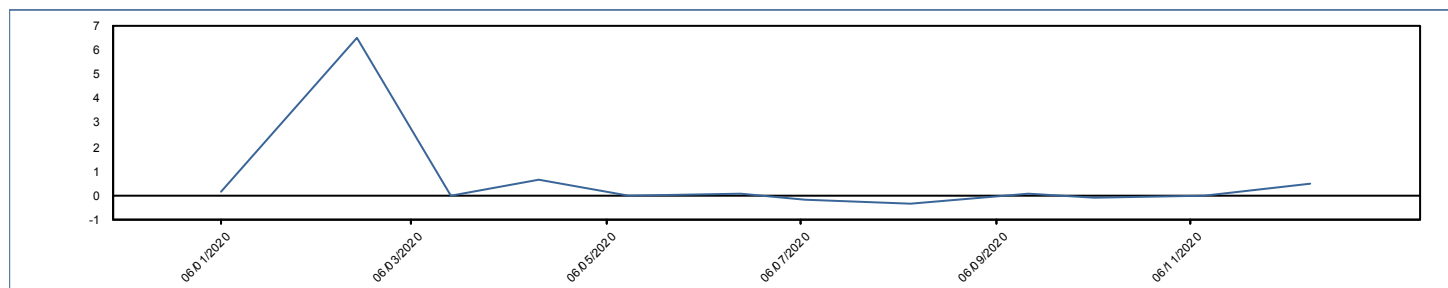
PBGB0G12

Number of readings

12

Number of breaches

0



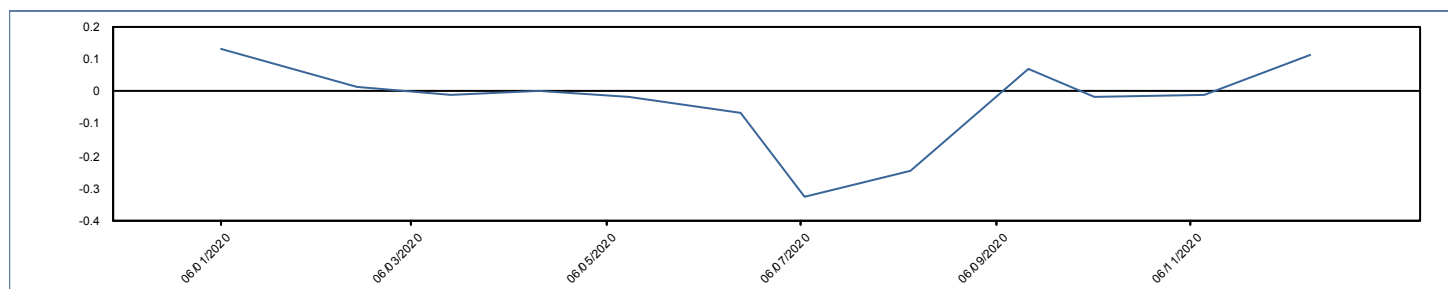
PBGB0G13

Number of readings

12

Number of breaches

0



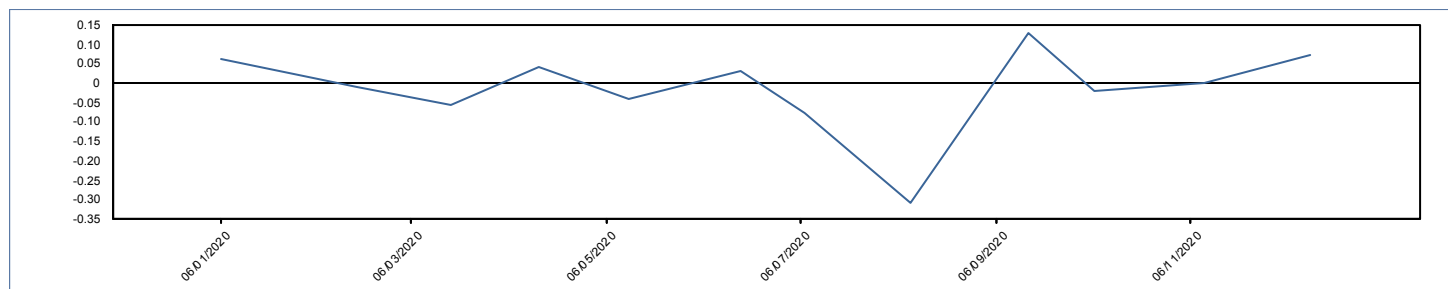
PBGB0G14

Number of readings

12

Number of breaches

0



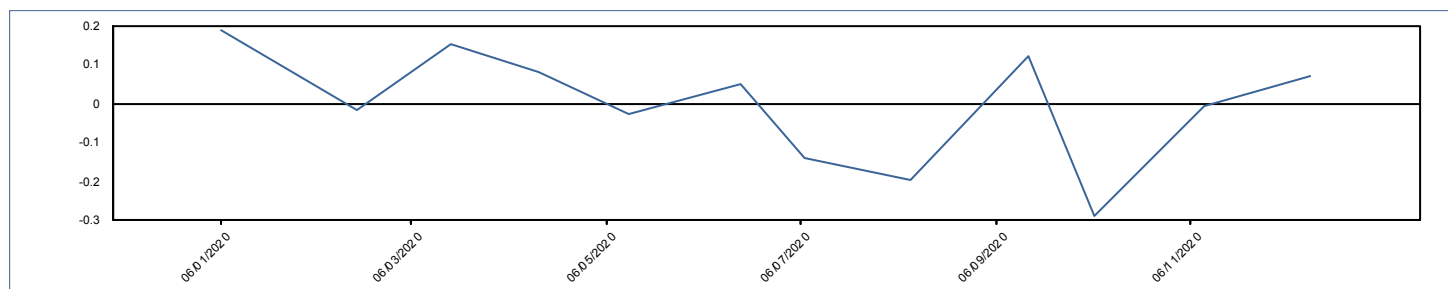
PBGB0G15

Number of readings

12

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

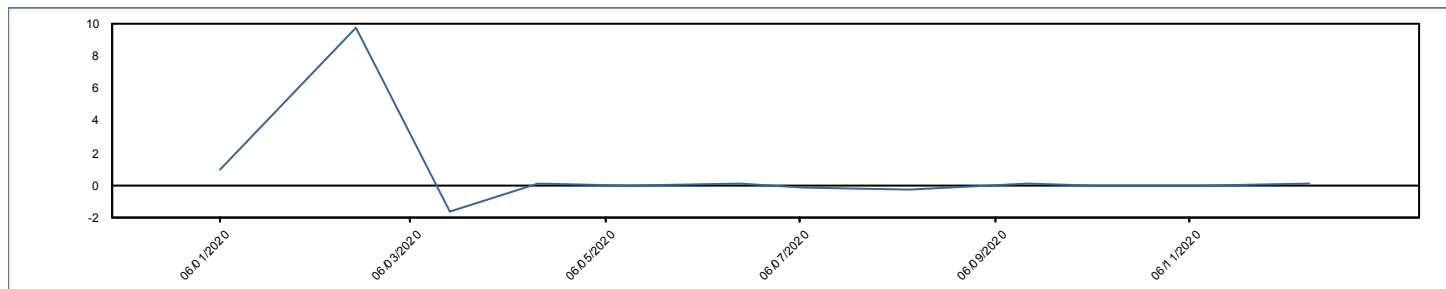
PBGB0G16

Number of readings

12

Number of breaches

0



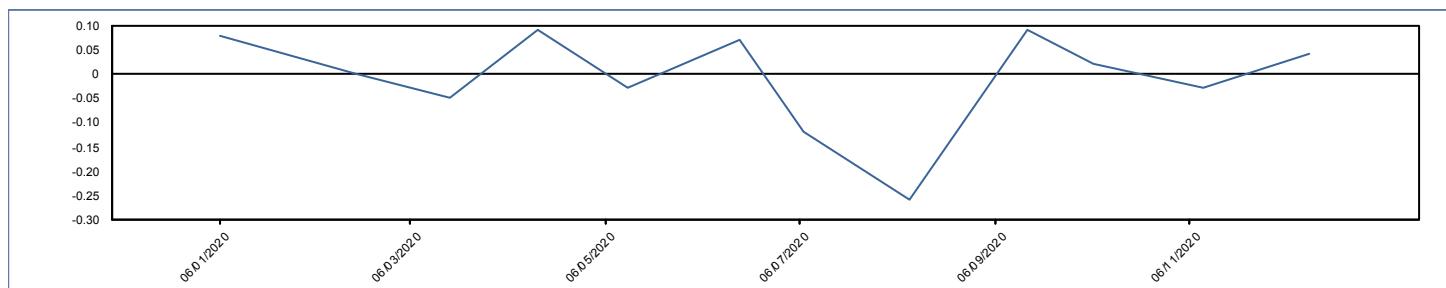
PBGB0G17

Number of readings

12

Number of breaches

0



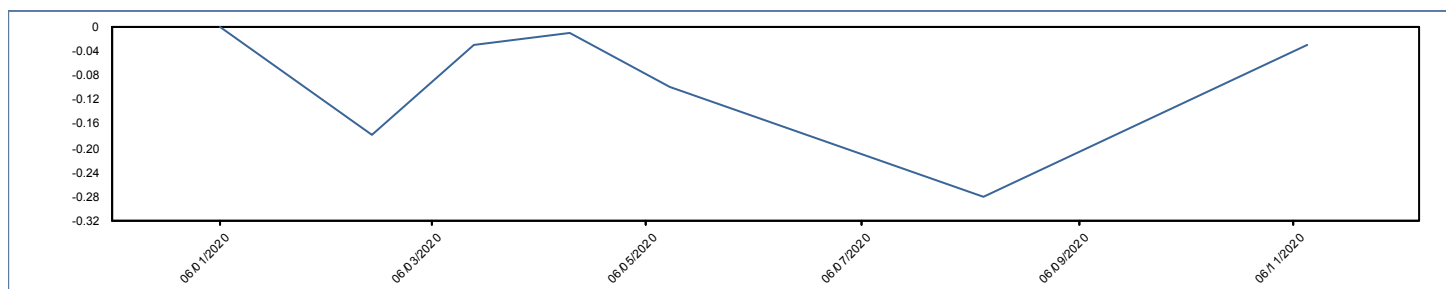
PBT00001

Number of readings

7

Number of breaches

0



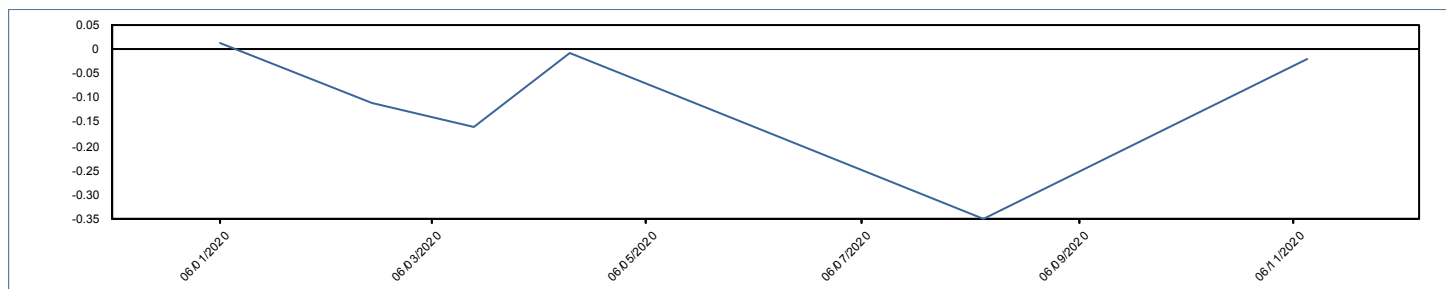
PBT00002

Number of readings

7

Number of breaches

0



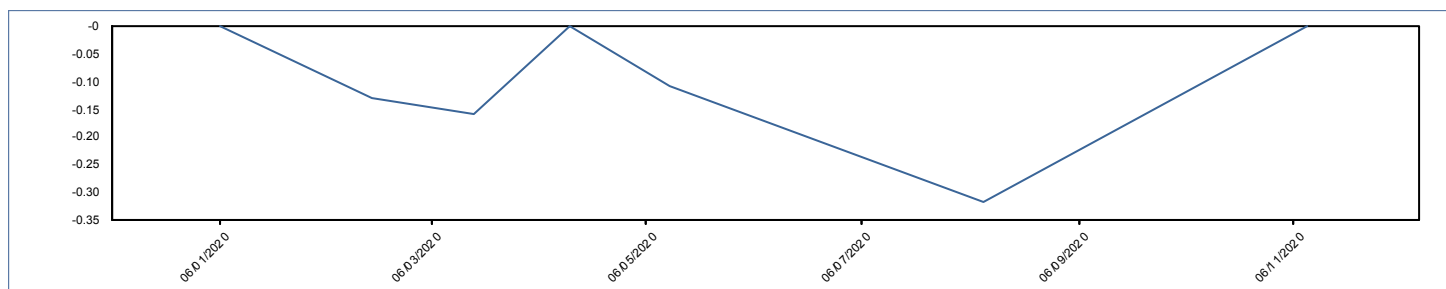
PBT00003

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

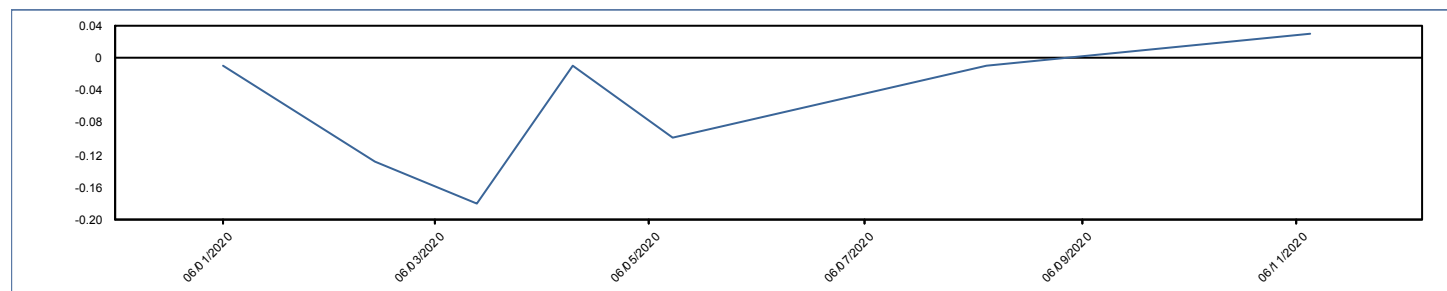
PBT00004

Number of readings

7

Number of breaches

0



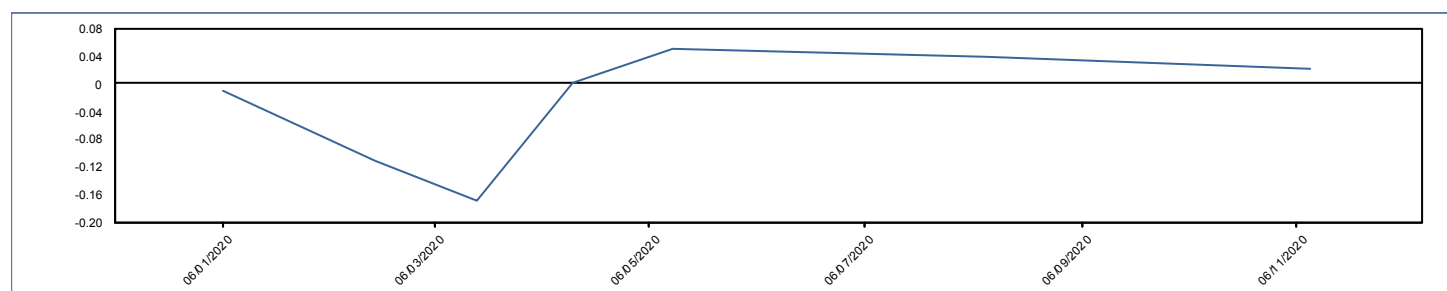
PBT00005

Number of readings

7

Number of breaches

0



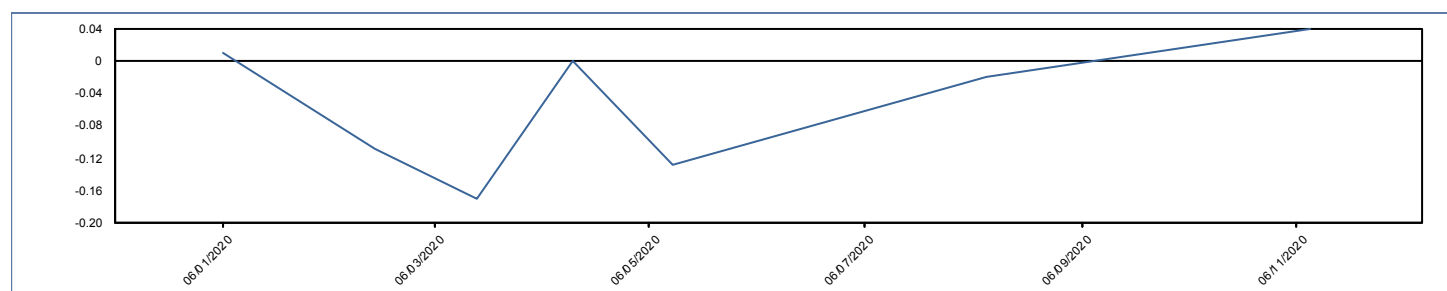
PBT00006

Number of readings

7

Number of breaches

0



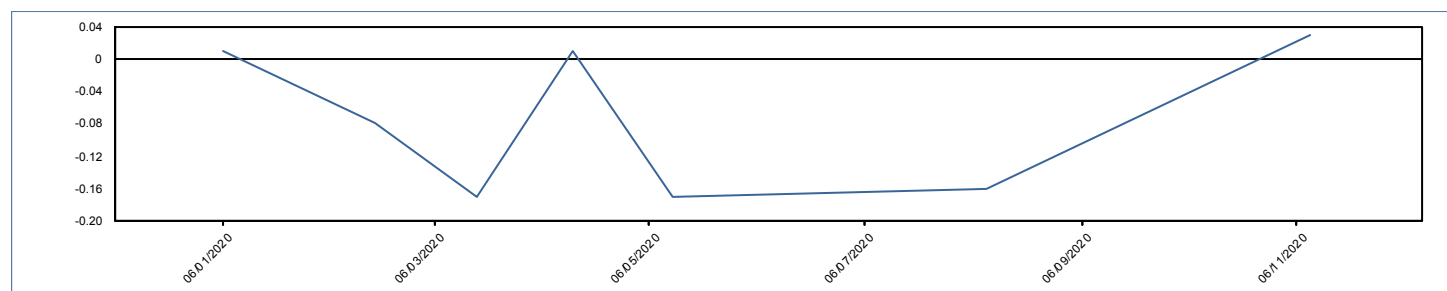
PBT00007

Number of readings

7

Number of breaches

0



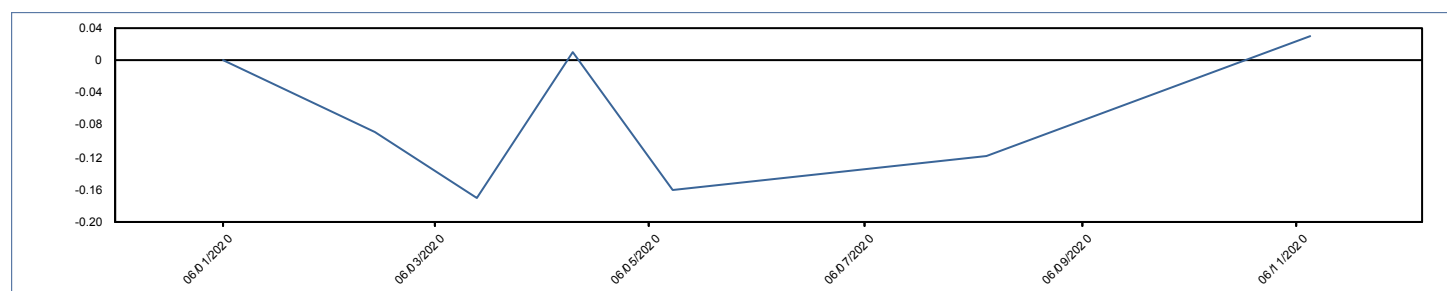
PBT00008

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

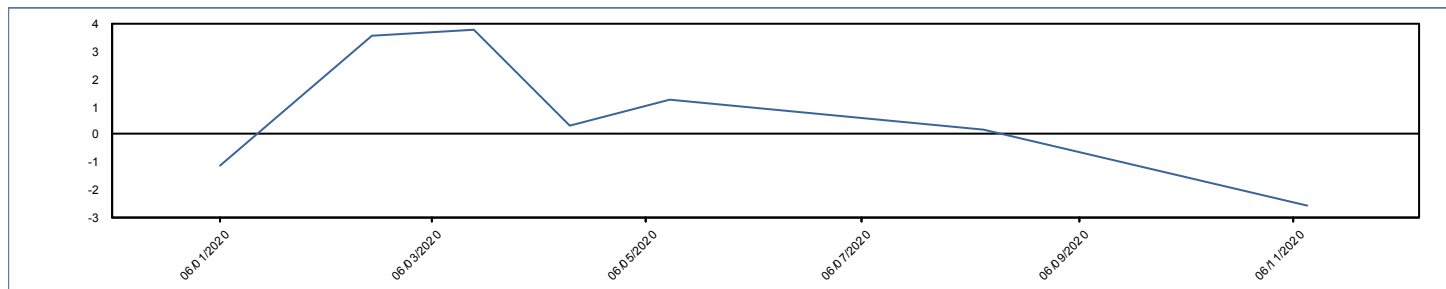
PBT00009

Number of readings

7

Number of breaches

0



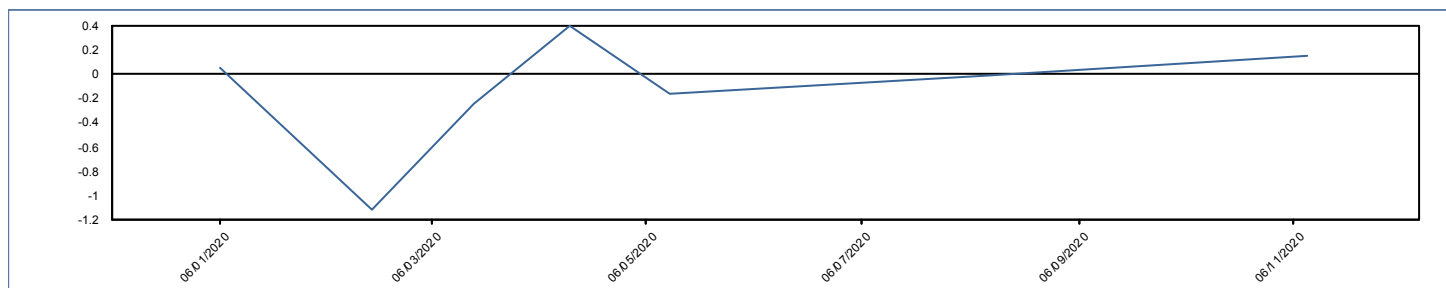
PBT00010

Number of readings

7

Number of breaches

0



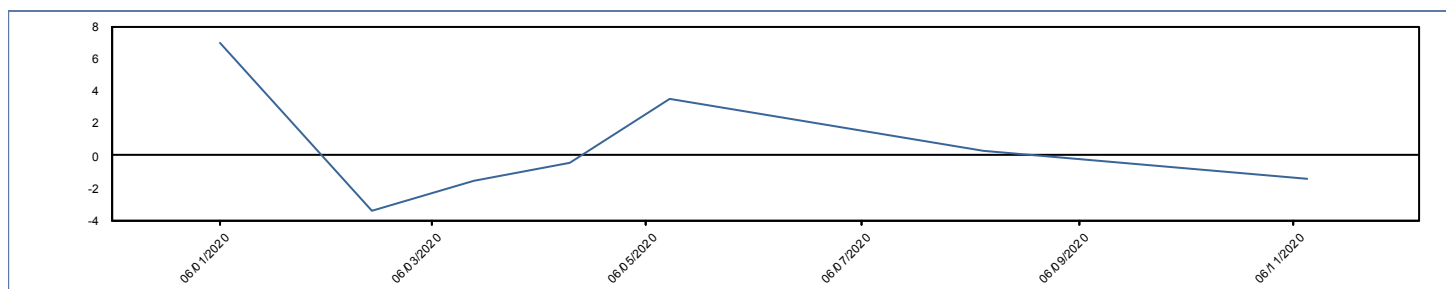
PBT00011

Number of readings

7

Number of breaches

0



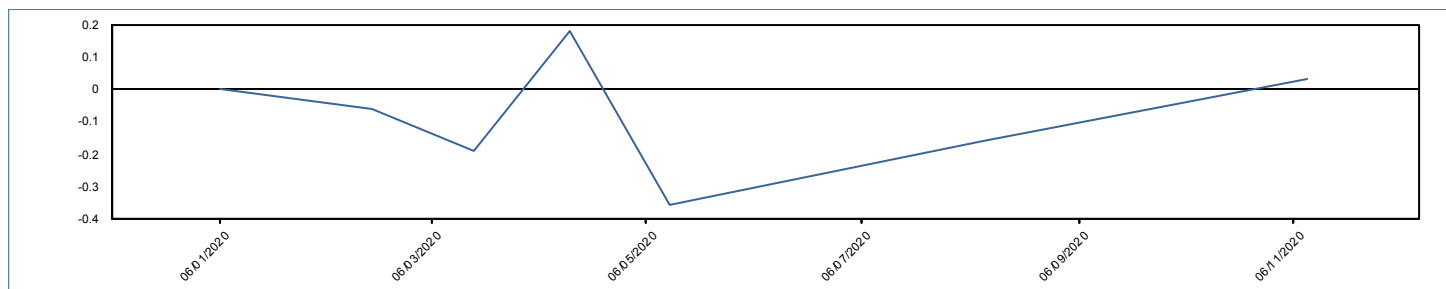
PBT00012

Number of readings

7

Number of breaches

0



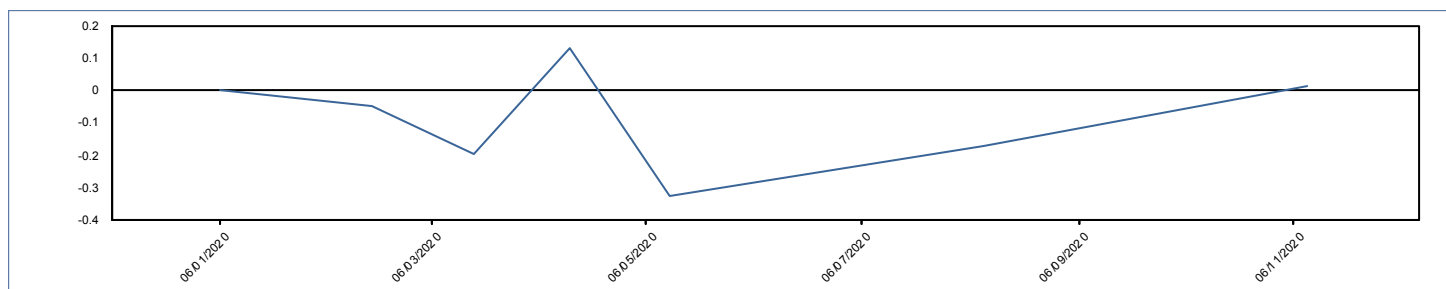
PBT00013

Number of readings

7

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

APPENDIX 2

LANDFILL GAS & ENGINE EMISSIONS DATA

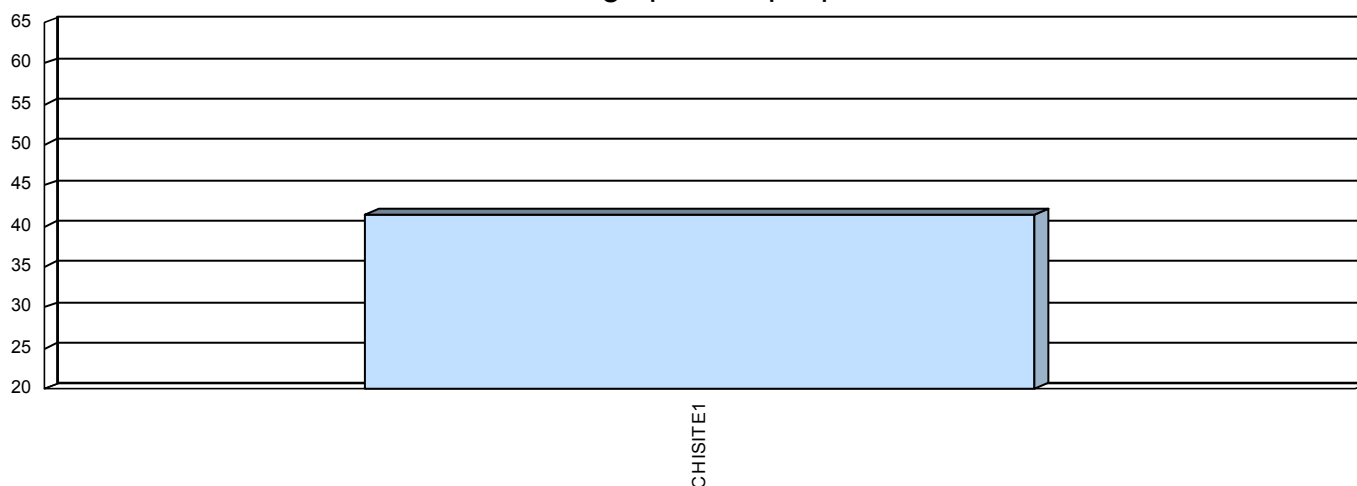
Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHISITE1	Total
CH4 (%v/v)	0	0
CO (ppm)	0	0
CO2 (%v/v)	0	0
Engine Output	0	0
Flow (scmh)	0	0
H2S (ppm)	0	0
LFG-Bal (%)	0	0
O2 (%v/v)	0	0
Rel Press (mBar)	0	0
Total	0.00	0.00

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	33.00	48.50	41.37	2,358.20	3.29	10.84	47.75
Total	57	0	33.00	48.50	41.37	2,358.20	3.29	10.84	47.75

Data from: 1 Jan 2020 to: 31 Dec 2020

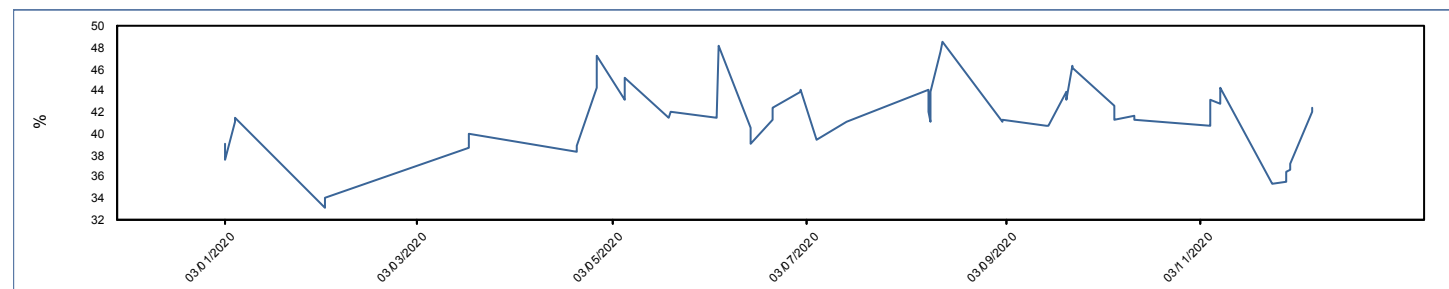
CHISITE1

Number of readings

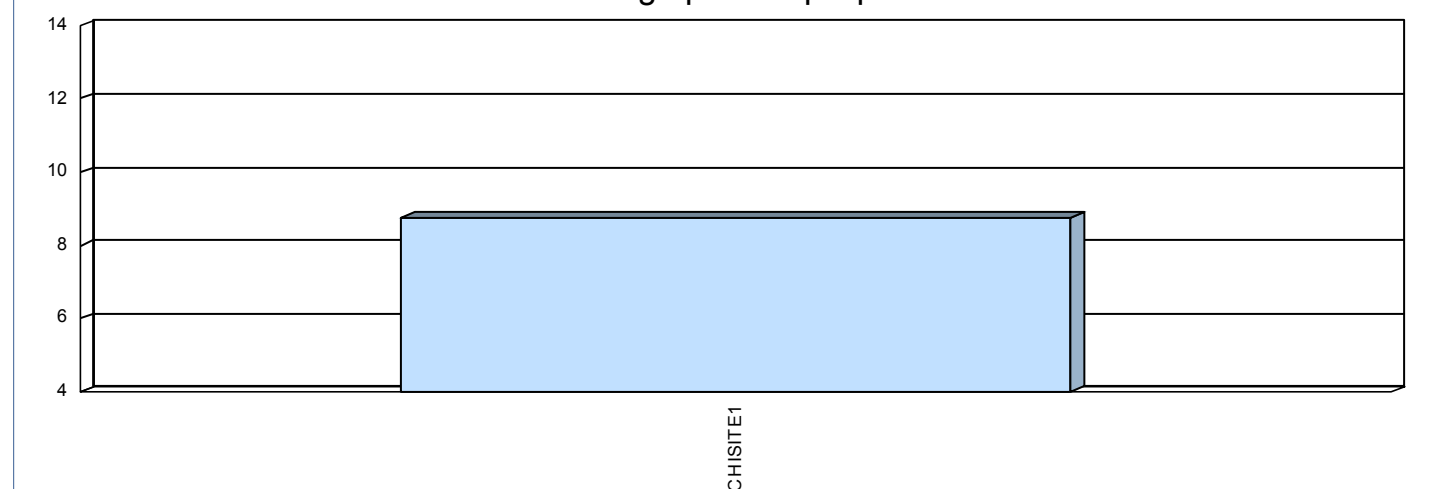
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	0.00	22.00	8.75	499.00	5.68	32.26	18.50
Total	57	0	0.00	22.00	8.75	499.00	5.68	32.26	18.50

Data from: 1 Jan 2020 to: 31 Dec 2020

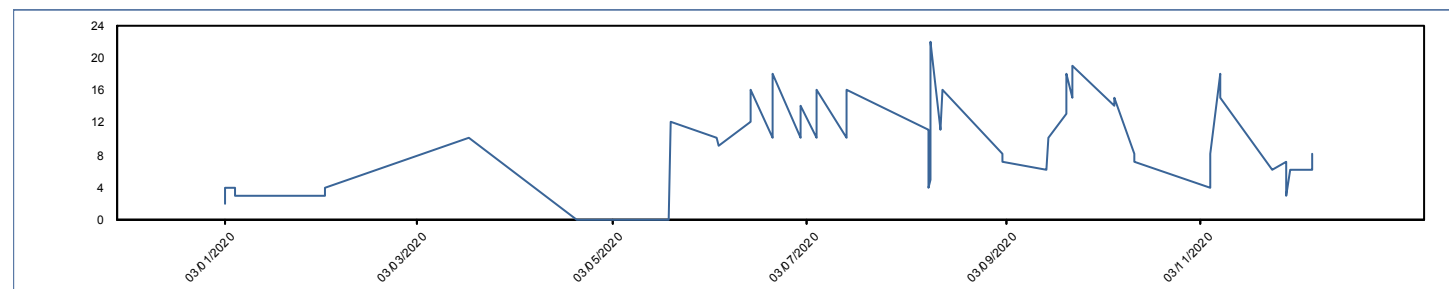
CHISITE1

Number of readings

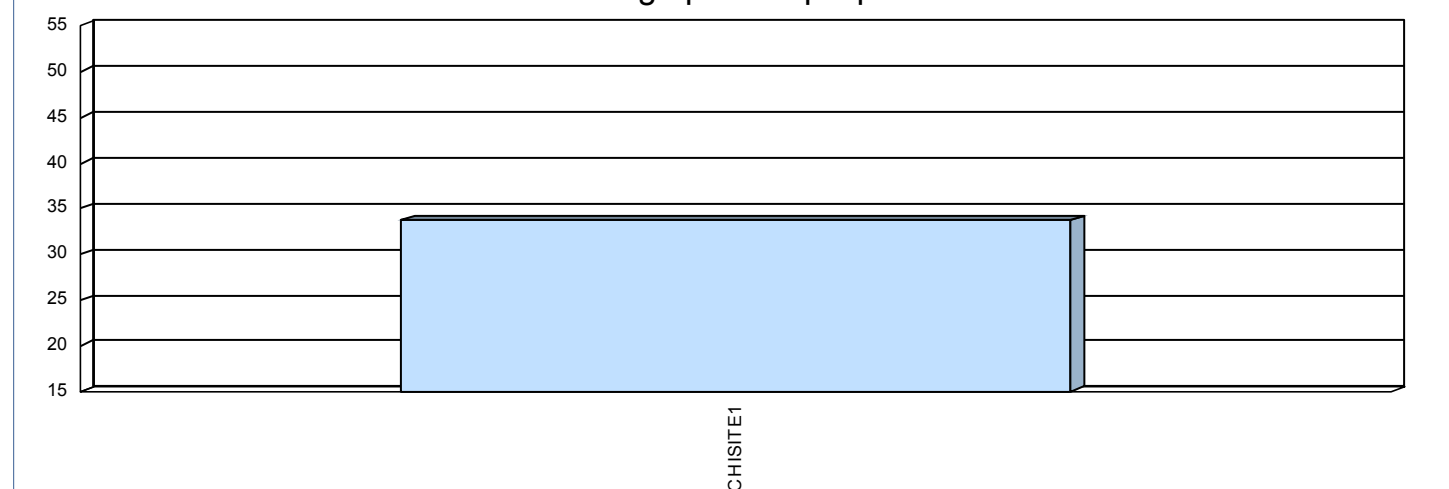
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	30.30	37.70	33.68	1,919.60	1.81	3.27	36.70
Total	57	0	30.30	37.70	33.68	1,919.60	1.81	3.27	36.70

Data from: 1 Jan 2020 to: 31 Dec 2020

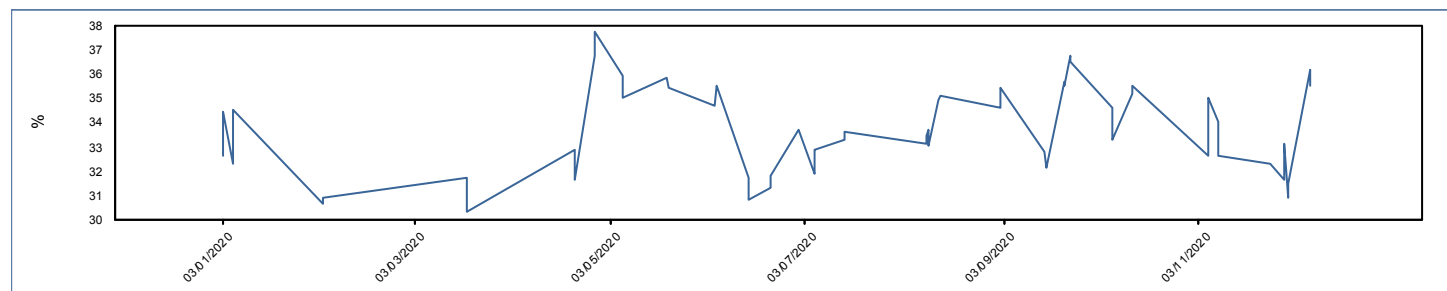
CHISITE1

Number of readings

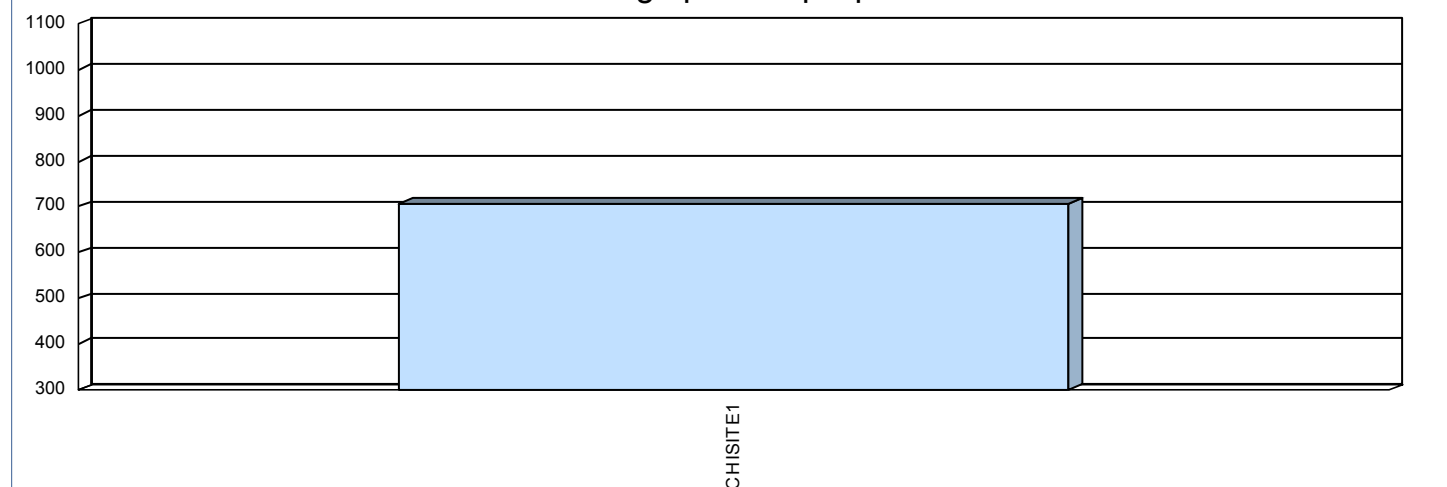
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	0.00	850.00	707.74	40,341.00	189.37	35,860.33	850.00
Total	57	0	0.00	850.00	707.74	40,341.00	189.37	35,860.33	850.00

Data from: 1 Jan 2020 to: 31 Dec 2020

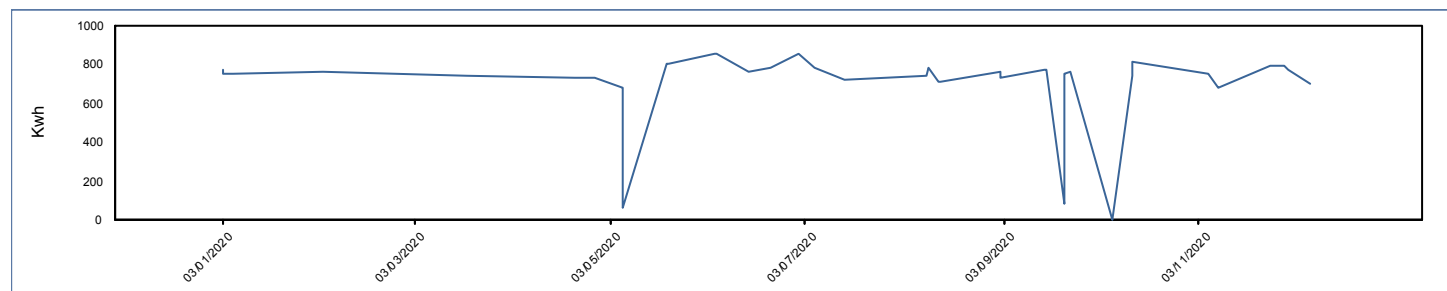
CHISITE1

Number of readings

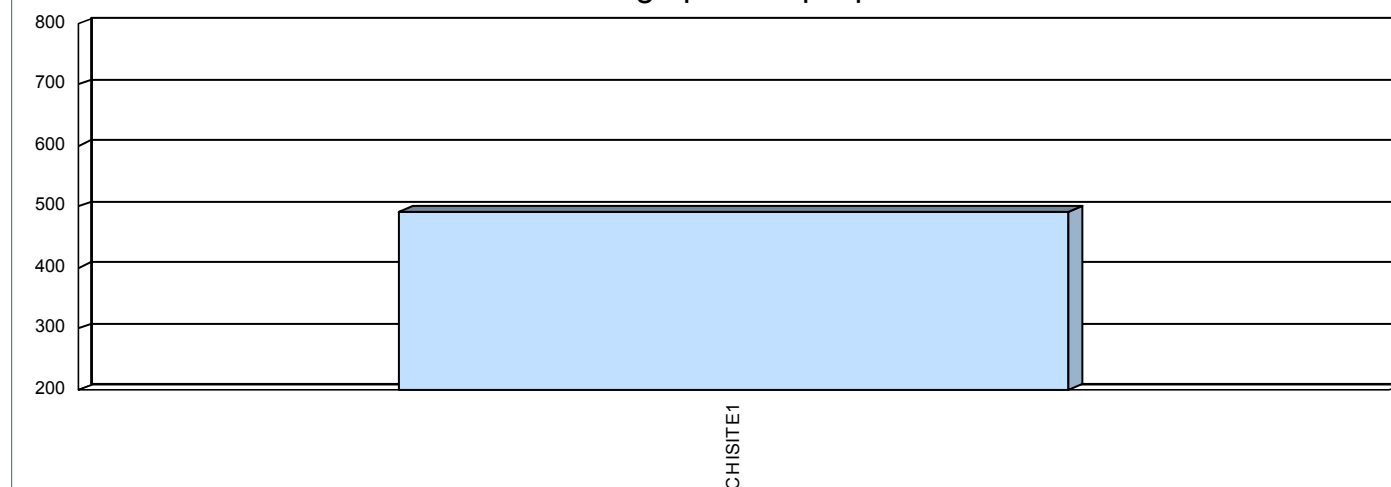
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	180.00	590.00	492.14	28,052.00	71.78	5,152.47	569.00
Total	57	0	180.00	590.00	492.14	28,052.00	71.78	5,152.47	569.00

Data from: 1 Jan 2020 to: 31 Dec 2020

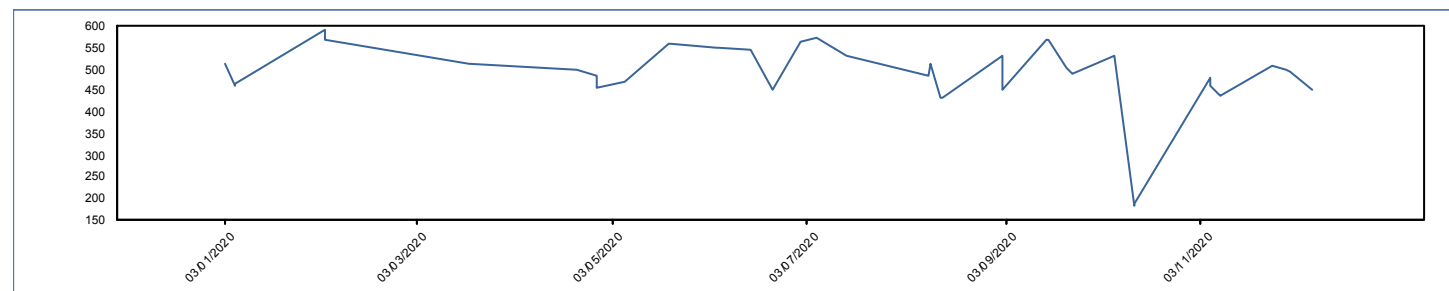
CHISITE1

Number of readings

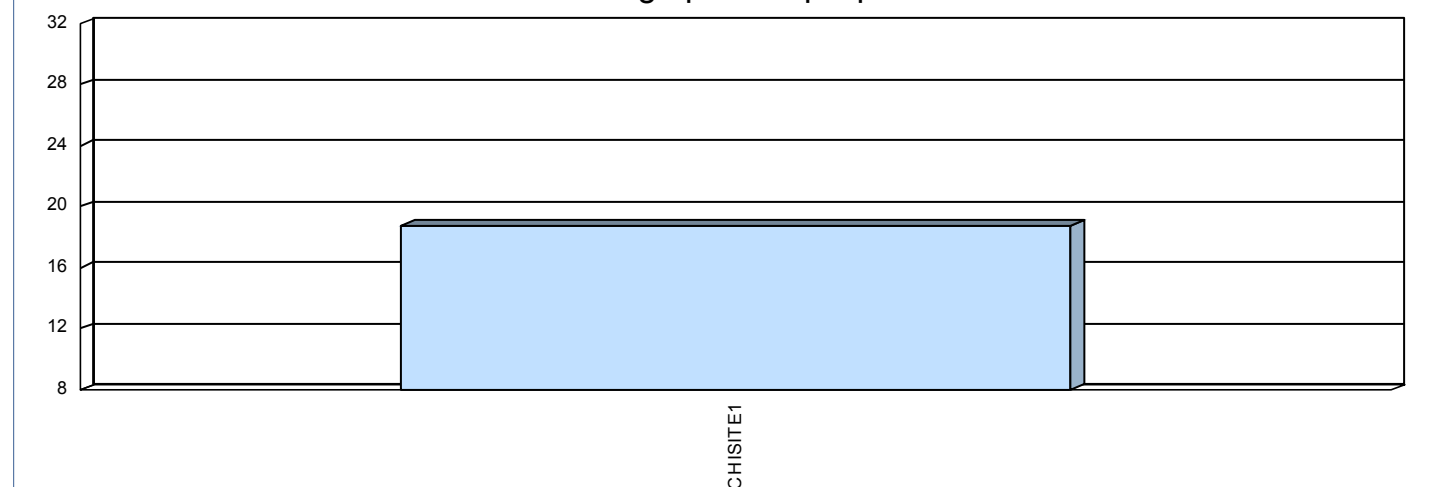
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	0.00	158.00	18.74	1,068.00	40.74	1,659.98	149.00
Total	57	0	0.00	158.00	18.74	1,068.00	40.74	1,659.98	149.00

Data from: 1 Jan 2020 to: 31 Dec 2020

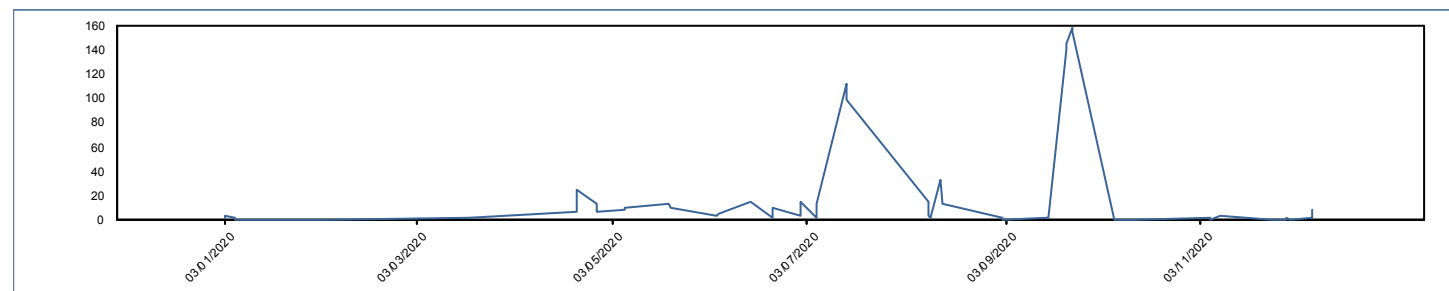
CHISITE1

Number of readings

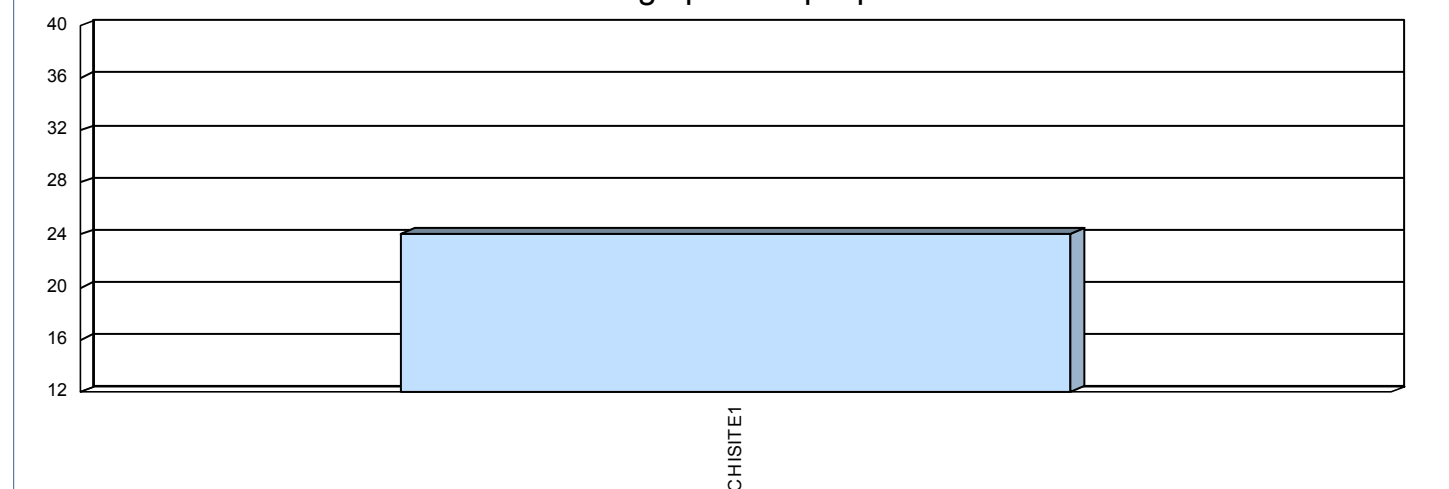
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	14.40	35.50	24.10	1,373.70	4.58	20.94	33.05
Total	57	0	14.40	35.50	24.10	1,373.70	4.58	20.94	33.05

Data from: 1 Jan 2020 to: 31 Dec 2020

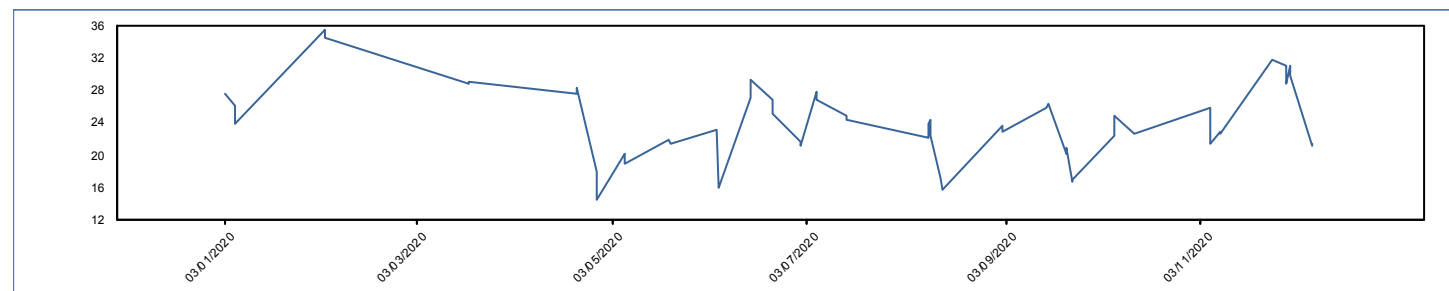
CHISITE1

Number of readings

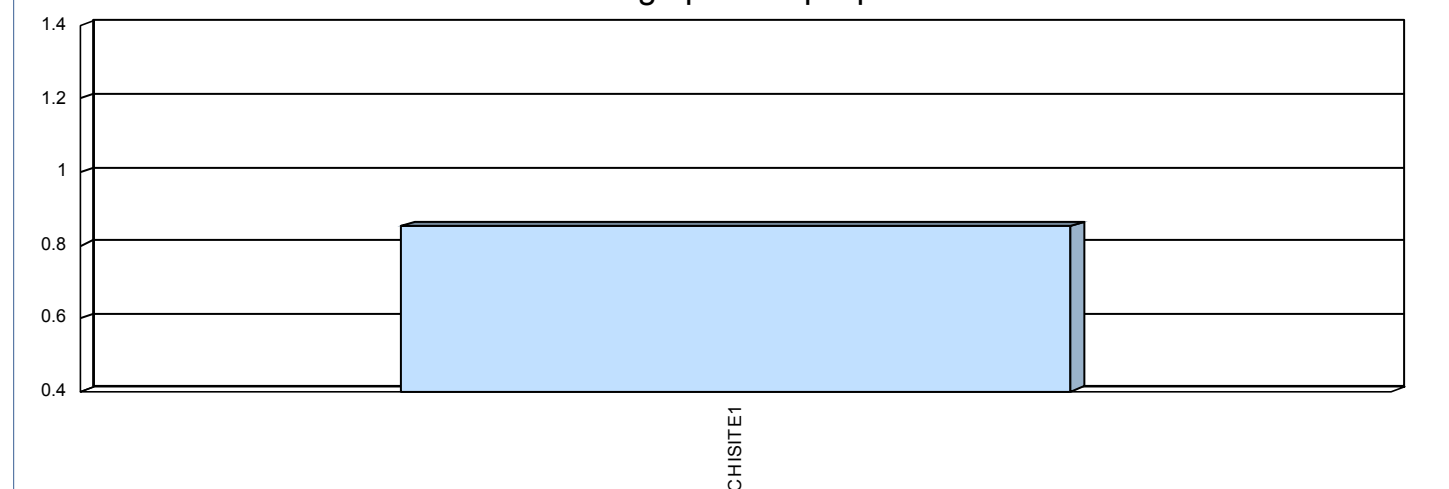
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	0.30	1.90	0.85	48.50	0.32	0.10	1.65
Total	57	0	0.30	1.90	0.85	48.50	0.32	0.10	1.65

Data from: 1 Jan 2020 to: 31 Dec 2020

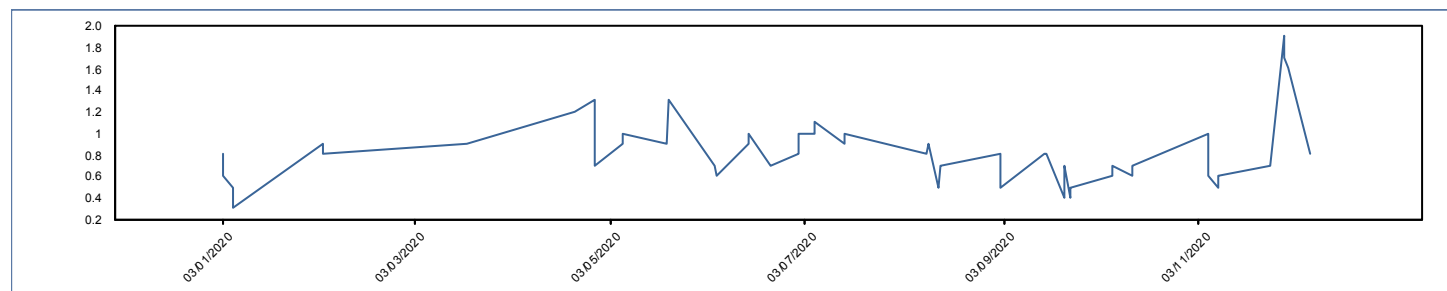
CHISITE1

Number of readings

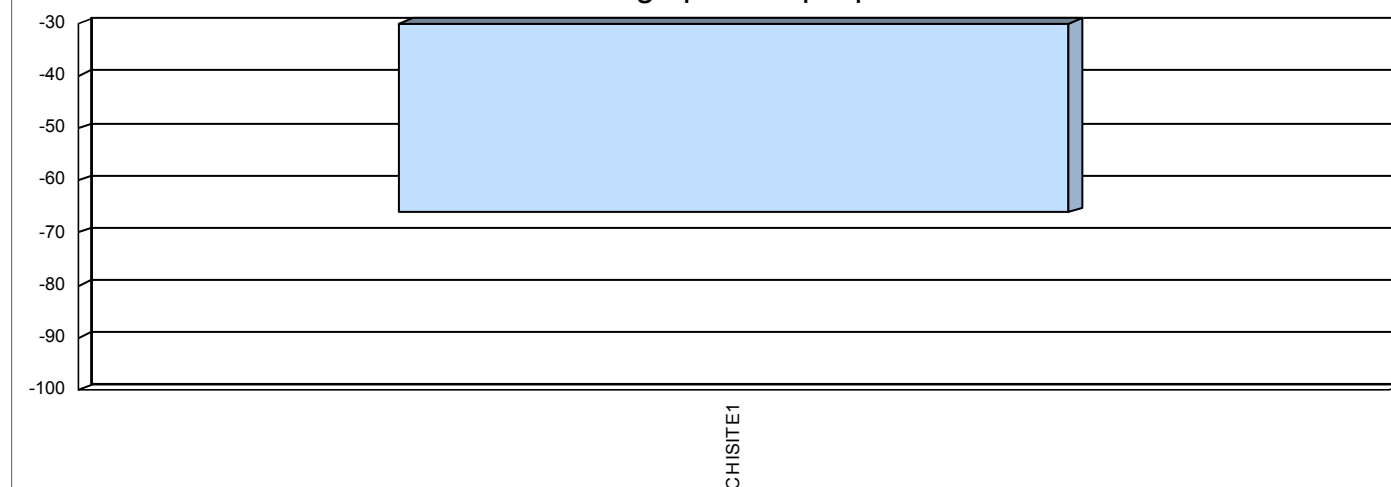
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	-88.06	-33.86	-66.11	-3,768.19	11.19	125.26	-41.80
Total	57	0	-88.06	-33.86	-66.11	-3,768.19	11.19	125.26	-41.80

Data from: 1 Jan 2020 to: 31 Dec 2020

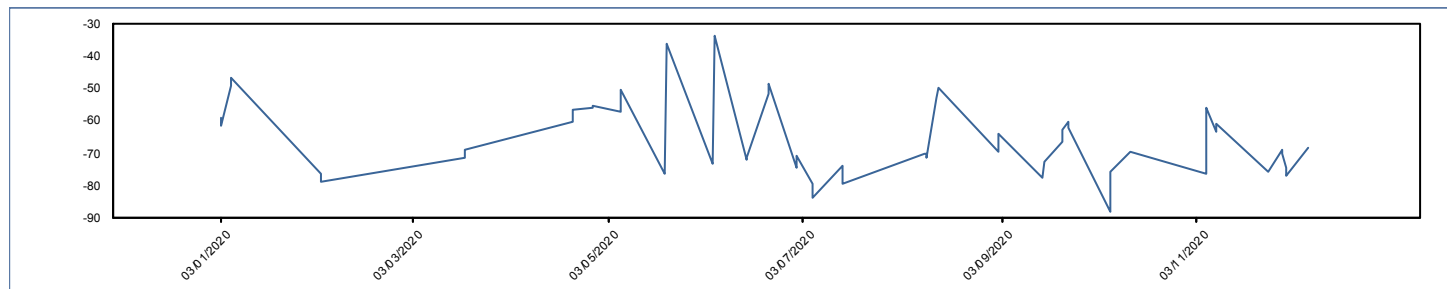
CHISITE1

Number of readings

57

Number of breaches

0



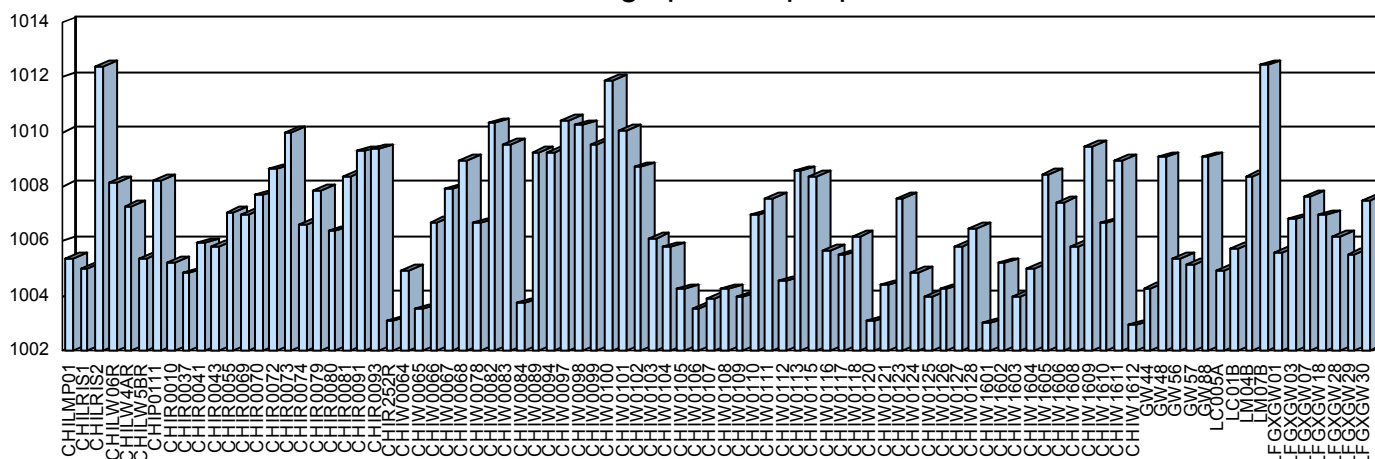
Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHILMP01	CHILRIS1	CHILRIS2	CHILW06R	CHILW4AR	CHILW5BR	CHIP0111	CHIR0010	CHIR0037	CHIR0041	CHIR0043	CHIR0055
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	979.00	1,020.00	1,005.36	14,075.00	9.74	94.94	1,020.00
CHILRIS1	1	0	1,005.00	1,005.00	1,005.00	1,005.00	0.00	0.00	1,005.00
CHILRIS2	5	0	1,004.00	1,021.00	1,012.40	5,062.00	6.41	41.04	1,021.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIR0069	CHIR0070	CHIR0072	CHIR0073	CHIR0074	CHIR0079	CHIR0080	CHIR0081	CHIR0091	CHIR0093	CHIR252R	CHISITE1	CHIW0064
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHI0065	CHI0066	CHI0067	CHI0068	CHI0078	CHI0082	CHI0083	CHI0084	CHI0089	CHI0094	CHI0097	CHI0098	CHI0099
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIW0100	CHIW0101	CHIW0102	CHIW0103	CHIW0104	CHIW0105	CHIW0106	CHIW0107	CHIW0108	CHIW0109	CHIW0110	CHIW0111	CHIW0112
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIW0113	CHIW0115	CHIW0116	CHIW0117	CHIW0118	CHIW0120	CHIW0121	CHIW0123	CHIW0124	CHIW0125	CHIW0126	CHIW0127	CHIW0128
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIW1601	CHIW1602	CHIW1603	CHIW1604	CHIW1605	CHIW1606	CHIW1608	CHIW1609	CHIW1610	CHIW1611	CHIW1612	GW44	GW48
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	GW56	GW57	GW88	LC005A	LC01B	LM04B	LM07B	PBLFGXGW01	PBLFGXGW03	PBLFGXGW07	PBLFGXGW18	PBLFGXGW28	PBLFGXGW29
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBLFGXGW30	PYBFLARE	Total
AtPress (mBar)	0	0	0
CH4 (%v/v)	0	0	0
CO (ppm)	0	0	0
CO2 (%v/v)	0	0	0
H2S (ppm)	0	0	0
LFG-Bal (%)	0	0	0
O2 (%v/v)	0	0	0
Rel Press (mBar)	0	0	0
Valve Adj	0	0	0
Valve Position	0	0	0
Total	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILW06R	28	0	990.00	1,022.00	1,008.14	28,228.00	9.39	88.27	1,020.50
CHILW4AR	27	0	989.00	1,021.00	1,007.30	27,197.00	9.57	91.62	1,019.50
CHILW5BR	29	0	989.00	1,021.00	1,005.38	29,156.00	9.75	95.06	1,020.00
CHIP0111	30	0	990.00	1,023.00	1,008.23	30,247.00	8.82	77.71	1,021.50
CHIR0010	30	0	978.00	1,020.00	1,005.23	30,157.00	11.10	123.18	1,019.00
CHIR0037	31	0	978.00	1,018.00	1,004.84	31,150.00	10.82	116.97	1,017.50
CHIR0041	16	0	977.00	1,020.00	1,005.94	16,095.00	10.19	103.81	1,020.00
CHIR0043	15	0	988.00	1,020.00	1,005.80	15,087.00	9.20	84.56	1,020.00
CHIR0055	15	0	989.00	1,022.00	1,007.07	15,106.00	9.02	81.40	1,022.00
CHIR0069	15	0	989.00	1,022.00	1,007.00	15,105.00	9.00	80.93	1,022.00
CHIR0070	15	0	990.00	1,022.00	1,007.67	15,115.00	8.93	79.82	1,022.00
CHIR0072	16	0	990.00	1,022.00	1,008.63	16,138.00	8.74	76.36	1,022.00
CHIR0073	18	0	991.00	1,022.00	1,010.00	18,180.00	8.75	76.56	1,022.00
CHIR0074	15	0	989.00	1,022.00	1,006.60	15,099.00	8.75	76.64	1,022.00
CHIR0079	15	0	990.00	1,023.00	1,007.87	15,118.00	8.98	80.65	1,023.00
CHIR0080	23	0	990.00	1,021.00	1,006.35	23,146.00	9.03	81.62	1,020.00
CHIR0081	35	0	991.00	1,021.00	1,008.37	35,293.00	8.24	67.89	1,020.50
CHIR0091	17	0	990.00	1,023.00	1,009.29	17,158.00	8.89	79.03	1,023.00
CHIR0093	17	0	990.00	1,022.00	1,009.35	17,159.00	8.54	72.93	1,022.00
CHIR252R	14	0	978.00	1,018.00	1,003.07	14,043.00	11.68	136.35	1,018.00
CHIW0064	15	0	978.00	1,018.00	1,004.93	15,074.00	10.45	109.13	1,018.00
CHIW0065	14	0	978.00	1,019.00	1,003.50	14,049.00	11.73	137.68	1,019.00
CHIW0066	16	0	978.00	1,020.00	1,006.69	16,107.00	10.29	105.84	1,020.00
CHIW0067	37	0	990.00	1,022.00	1,007.89	37,292.00	8.54	72.91	1,021.00
CHIW0068	16	0	989.00	1,022.00	1,008.94	16,143.00	8.90	79.18	1,022.00
CHIW0078	20	0	990.00	1,023.00	1,006.65	20,133.00	9.23	85.13	1,021.50
CHIW0082	19	0	991.00	1,023.00	1,010.32	19,196.00	8.04	64.64	1,023.00
CHIW0083	16	0	991.00	1,021.00	1,009.56	16,153.00	8.84	78.12	1,021.00
CHIW0084	14	0	979.00	1,020.00	1,003.71	14,052.00	11.71	137.06	1,020.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0089	16	0	990.00	1,022.00	1,009.25	16,148.00	9.13	83.31	1,022.00
CHIW0094	34	0	984.00	1,023.00	1,009.26	34,315.00	9.96	99.25	1,022.00
CHIW0097	34	0	985.00	1,024.00	1,010.44	34,355.00	10.07	101.31	1,023.00
CHIW0098	16	0	991.00	1,023.00	1,010.25	16,164.00	9.00	80.94	1,023.00
CHIW0099	16	0	984.00	1,023.00	1,009.56	16,153.00	10.58	111.87	1,023.00
CHIW0100	22	0	991.00	1,023.00	1,011.86	22,261.00	8.63	74.48	1,022.00
CHIW0101	16	0	991.00	1,023.00	1,010.06	16,161.00	8.81	77.68	1,023.00
CHIW0102	39	0	983.00	1,020.00	1,008.69	39,339.00	9.44	89.03	1,020.00
CHIW0103	24	0	979.00	1,020.00	1,006.13	24,147.00	12.08	145.94	1,019.50
CHIW0104	30	0	978.00	1,020.00	1,005.77	30,173.00	10.94	119.58	1,019.50
CHIW0105	24	0	978.00	1,020.00	1,004.25	24,102.00	12.50	156.27	1,020.00
CHIW0106	26	0	979.00	1,019.00	1,003.54	26,092.00	11.56	133.71	1,017.50
CHIW0107	25	0	979.00	1,019.00	1,003.92	25,098.00	11.85	140.47	1,017.50
CHIW0108	25	0	979.00	1,019.00	1,004.24	25,106.00	11.97	143.38	1,017.50
CHIW0109	25	0	978.00	1,020.00	1,003.96	25,099.00	12.17	148.04	1,017.50
CHIW0110	15	0	982.00	1,020.00	1,006.93	15,104.00	10.60	112.33	1,020.00
CHIW0111	28	0	989.00	1,021.00	1,007.57	28,212.00	9.03	81.60	1,020.50
CHIW0112	15	0	982.00	1,021.00	1,004.53	15,068.00	10.65	113.45	1,021.00
CHIW0113	20	0	988.00	1,021.00	1,008.55	20,171.00	8.52	72.65	1,020.00
CHIW0115	16	0	988.00	1,021.00	1,008.38	16,134.00	9.05	81.86	1,021.00
CHIW0116	26	0	976.00	1,019.00	1,005.65	26,147.00	9.08	82.46	1,018.50
CHIW0117	32	0	977.00	1,020.00	1,005.47	32,175.00	11.27	127.00	1,019.00
CHIW0118	16	0	977.00	1,018.00	1,006.19	16,099.00	10.13	102.53	1,018.00
CHIW0120	14	0	978.00	1,019.00	1,003.07	14,043.00	11.72	137.35	1,019.00
CHIW0121	15	0	977.00	1,018.00	1,004.40	15,066.00	10.54	111.17	1,018.00
CHIW0123	18	0	991.00	1,020.00	1,007.56	18,136.00	8.27	68.36	1,020.00
CHIW0124	17	0	977.00	1,019.00	1,004.88	17,083.00	10.53	110.81	1,019.00
CHIW0125	20	0	978.00	1,019.00	1,004.00	20,080.00	11.45	131.00	1,018.00
CHIW0126	17	0	978.00	1,018.00	1,004.24	17,072.00	10.93	119.36	1,018.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0127	15	0	988.00	1,021.00	1,005.80	15,087.00	9.19	84.43	1,021.00
CHIW0128	19	0	988.00	1,020.00	1,006.47	19,123.00	8.73	76.14	1,020.00
CHIW1601	15	0	977.00	1,018.00	1,003.00	15,045.00	11.31	127.87	1,018.00
CHIW1602	25	0	977.00	1,021.00	1,005.20	25,130.00	10.55	111.28	1,019.00
CHIW1603	8	0	982.00	1,019.00	1,004.00	8,032.00	11.72	137.25	1,019.00
CHIW1604	17	0	977.00	1,020.00	1,005.00	17,085.00	10.53	110.82	1,020.00
CHIW1605	16	0	989.00	1,021.00	1,008.44	16,135.00	9.01	81.25	1,021.00
CHIW1606	16	0	989.00	1,020.00	1,007.44	16,119.00	9.47	89.75	1,020.00
CHIW1608	15	0	988.00	1,020.00	1,005.80	15,087.00	9.31	86.69	1,020.00
CHIW1609	20	0	990.00	1,022.00	1,009.45	20,189.00	8.66	75.05	1,021.00
CHIW1610	15	0	989.00	1,021.00	1,006.67	15,100.00	8.78	77.02	1,021.00
CHIW1611	16	0	990.00	1,022.00	1,008.94	16,143.00	8.95	80.06	1,022.00
CHIW1612	24	0	978.00	1,019.00	1,002.92	24,070.00	12.45	155.08	1,017.00
GW44	14	0	978.00	1,019.00	1,004.29	14,060.00	11.98	143.63	1,019.00
GW48	16	0	989.00	1,022.00	1,009.06	16,145.00	8.97	80.43	1,022.00
GW56	17	0	978.00	1,019.00	1,005.35	17,091.00	9.91	98.23	1,019.00
GW57	30	0	978.00	1,019.00	1,005.17	30,155.00	10.71	114.81	1,019.00
GW88	16	0	990.00	1,021.00	1,009.06	16,145.00	9.02	81.31	1,021.00
LC005A	29	0	989.00	1,020.00	1,004.93	29,143.00	9.14	83.51	1,020.00
LC01B	24	0	977.00	1,019.00	1,005.75	24,138.00	10.71	114.69	1,018.00
LM04B	28	0	989.00	1,021.00	1,008.36	28,234.00	9.77	95.37	1,021.00
LM07B	25	0	991.00	1,023.00	1,012.44	25,311.00	7.48	55.93	1,022.00
PBLFGXGW01	15	0	979.00	1,020.00	1,005.60	15,084.00	9.83	96.64	1,020.00
PBLFGXGW03	19	0	979.00	1,020.00	1,006.79	19,129.00	10.06	101.22	1,020.00
PBLFGXGW07	17	0	979.00	1,021.00	1,007.65	17,130.00	10.25	105.05	1,021.00
PBLFGXGW18	15	0	978.00	1,020.00	1,006.93	15,104.00	10.62	112.73	1,020.00
PBLFGXGW28	29	0	979.00	1,020.00	1,006.17	29,179.00	11.38	129.59	1,019.50
PBLFGXGW29	28	0	979.00	1,021.00	1,005.54	28,155.00	11.61	134.89	1,020.00
PBLFGXGW30	16	0	979.00	1,021.00	1,007.50	16,120.00	10.07	101.50	1,021.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
Total	1,808	0	976.00	1,024.00	1,006.80	1,820,289.00	10.26	105.34	1,020.00

Data from: 1 Jan 2020 to: 31 Dec 2020

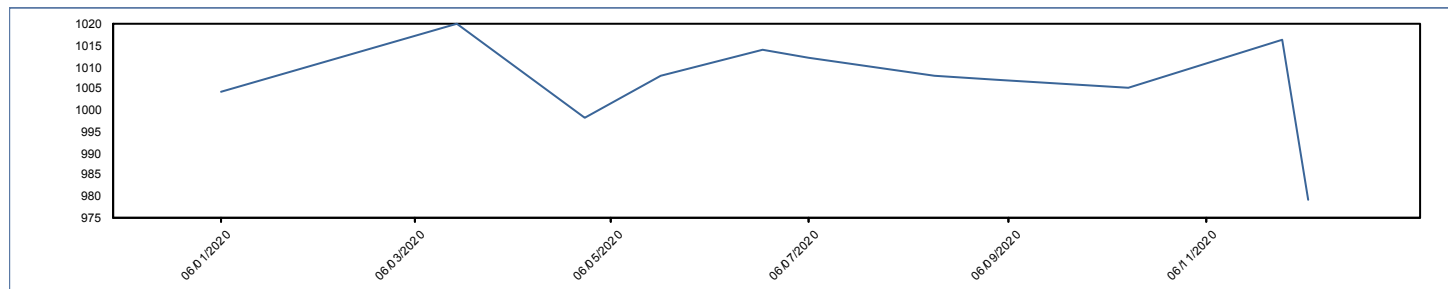
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



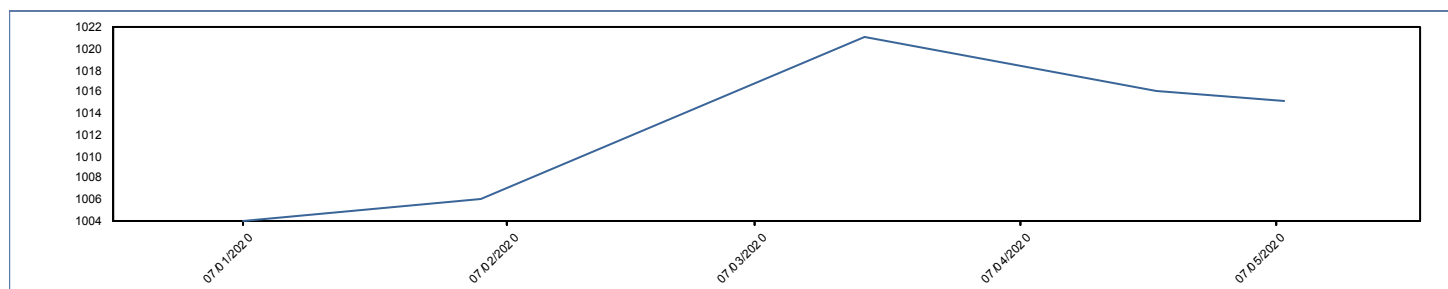
CHILRIS2

Number of readings

5

Number of breaches

0



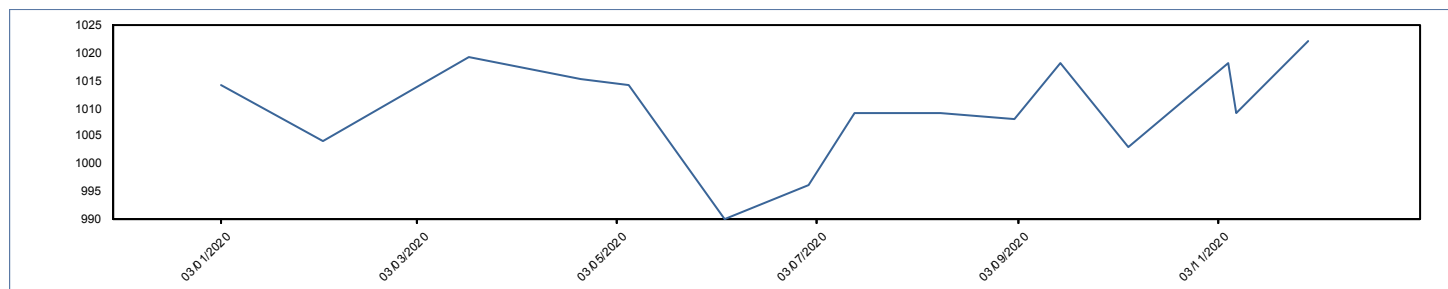
CHILW06R

Number of readings

28

Number of breaches

0



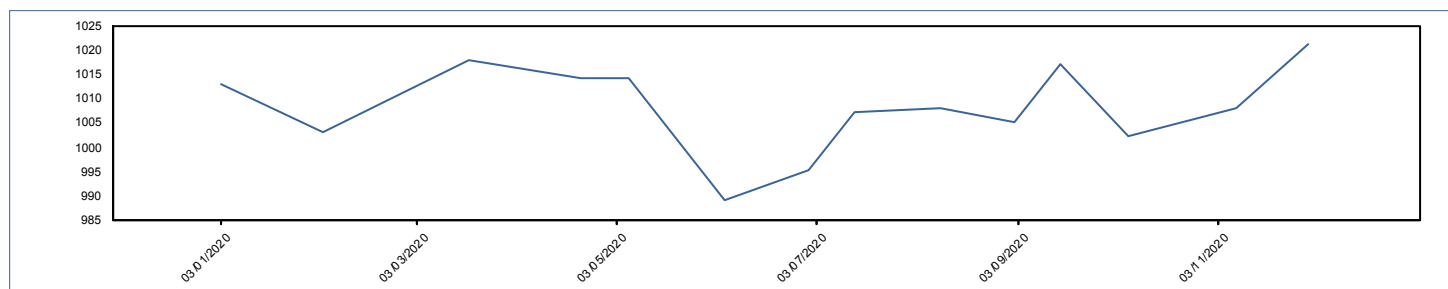
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

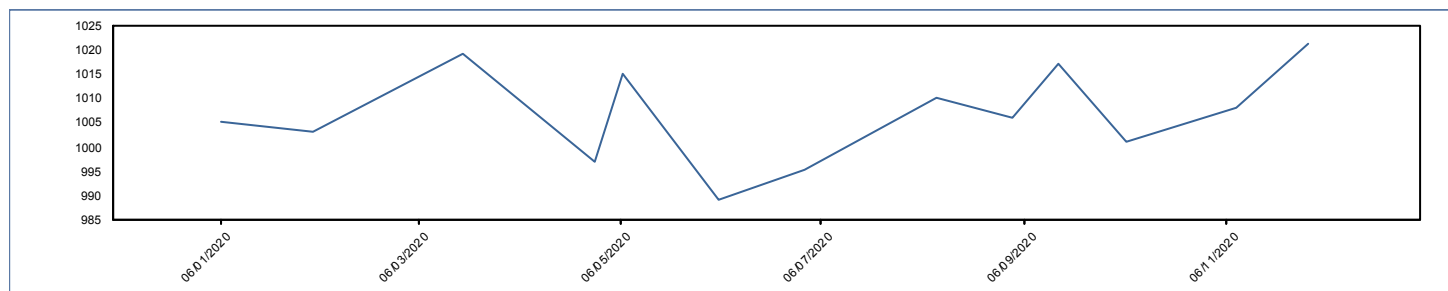
CHILW5BR

Number of readings

29

Number of breaches

0



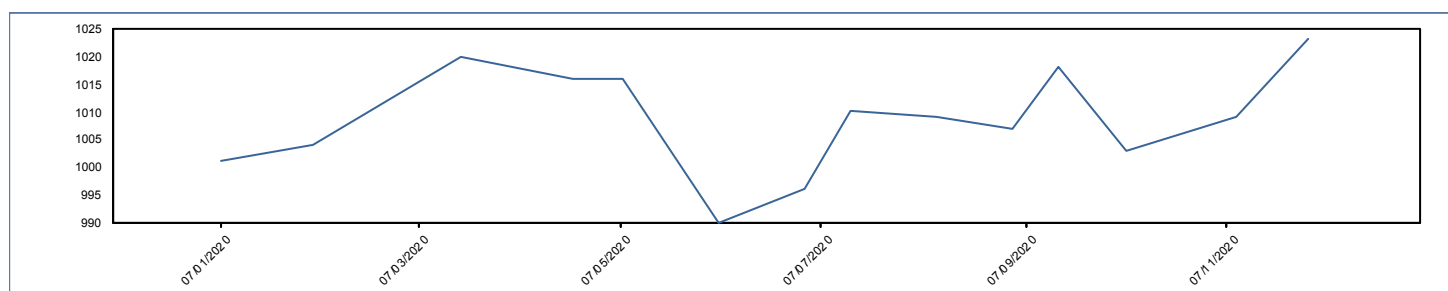
CHIP0111

Number of readings

30

Number of breaches

0



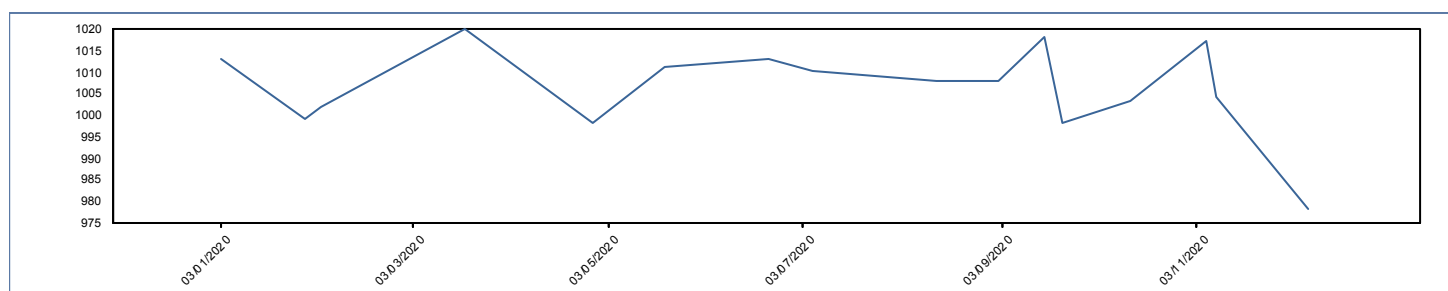
CHIR0010

Number of readings

30

Number of breaches

0



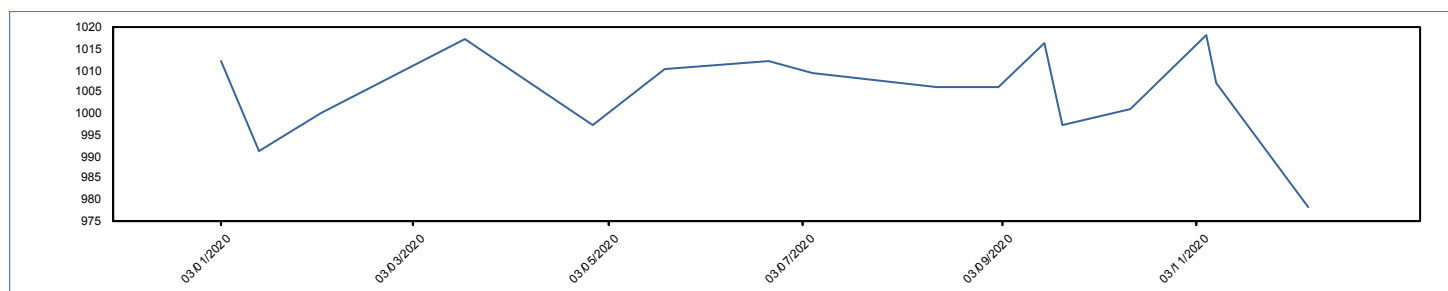
CHIR0037

Number of readings

31

Number of breaches

0



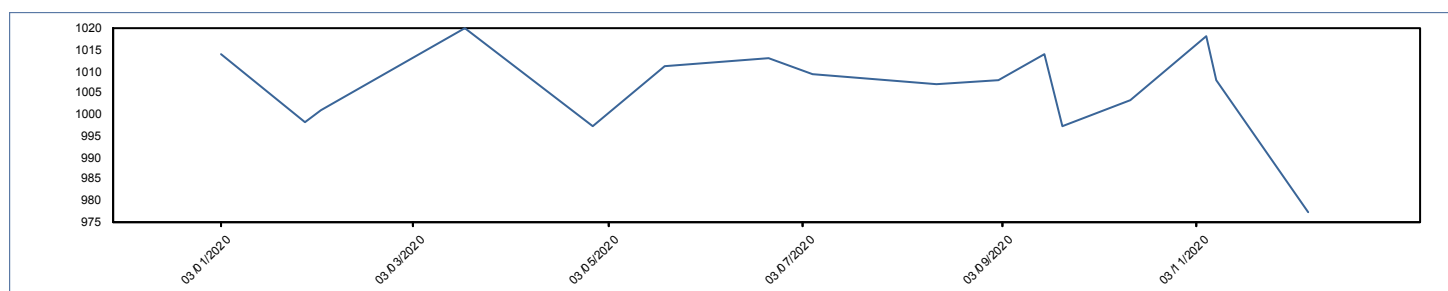
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

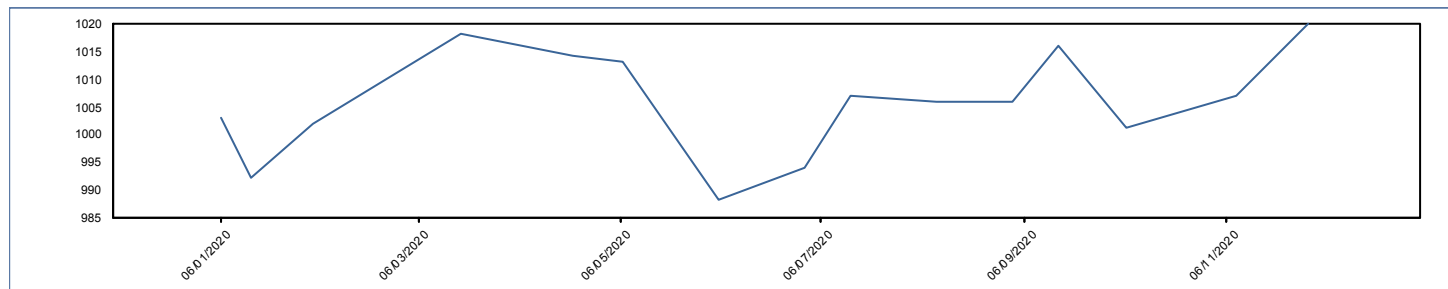
CHIR0043

Number of readings

15

Number of breaches

0



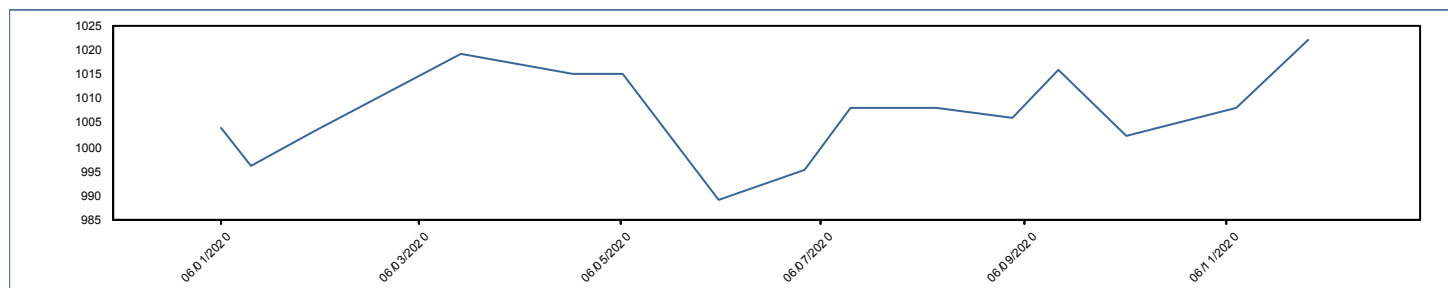
CHIR0055

Number of readings

15

Number of breaches

0



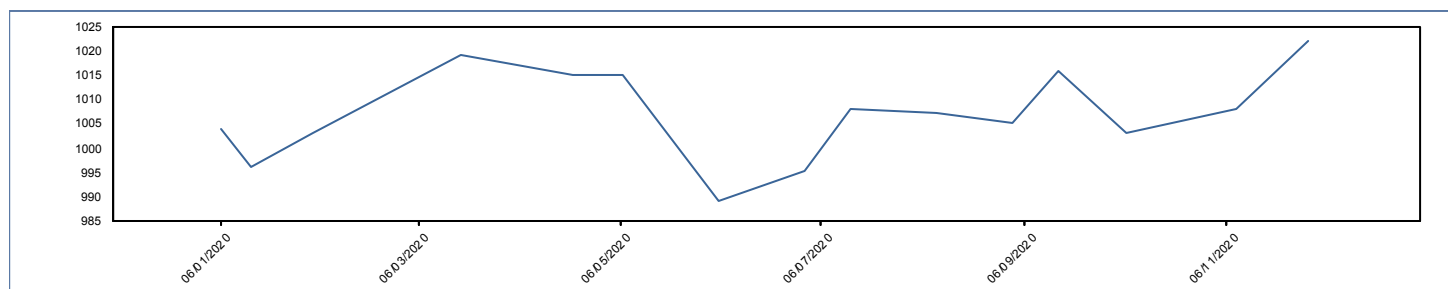
CHIR0069

Number of readings

15

Number of breaches

0



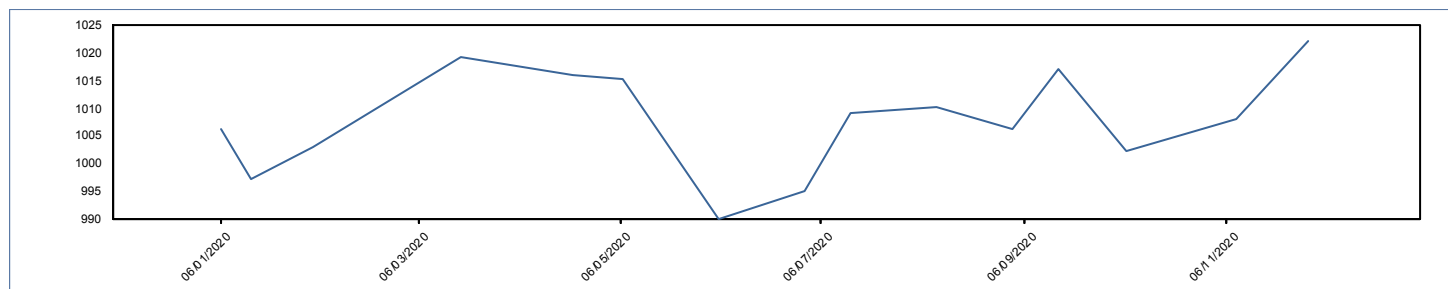
CHIR0070

Number of readings

15

Number of breaches

0



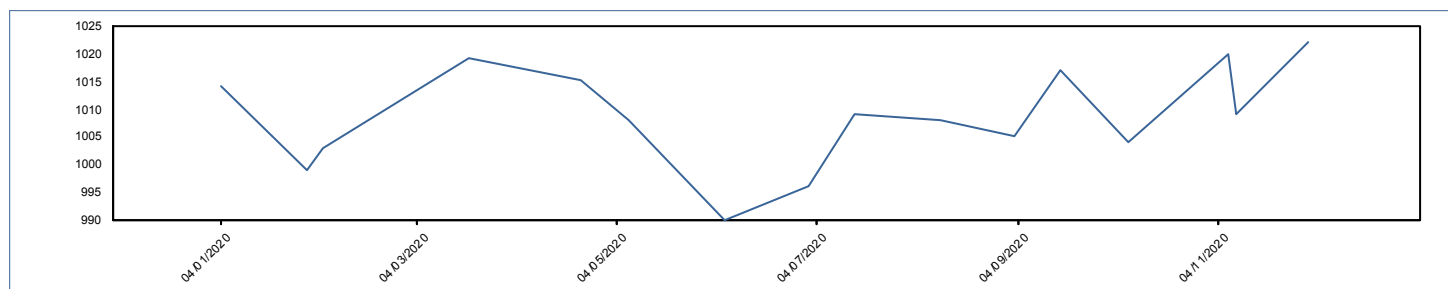
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

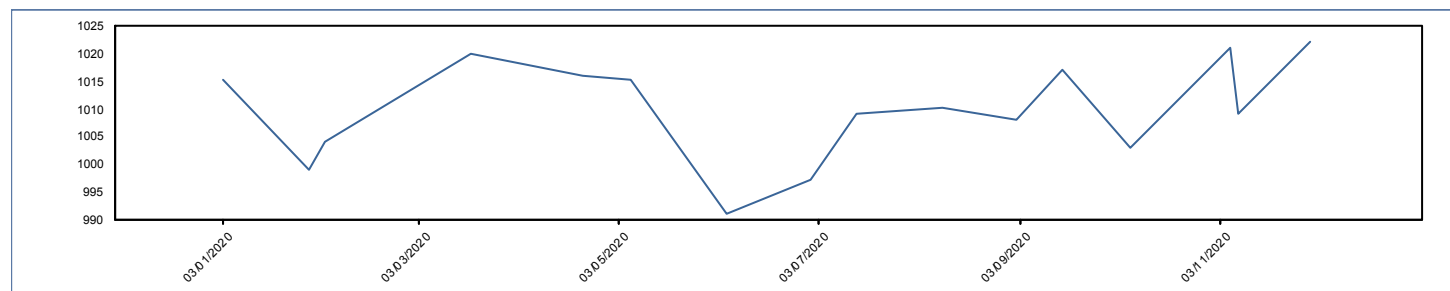
CHIR0073

Number of readings

18

Number of breaches

0



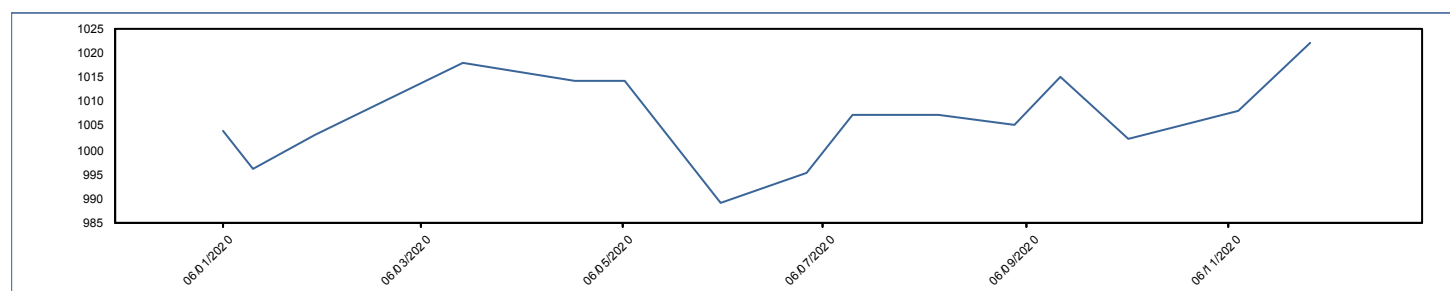
CHIR0074

Number of readings

15

Number of breaches

0



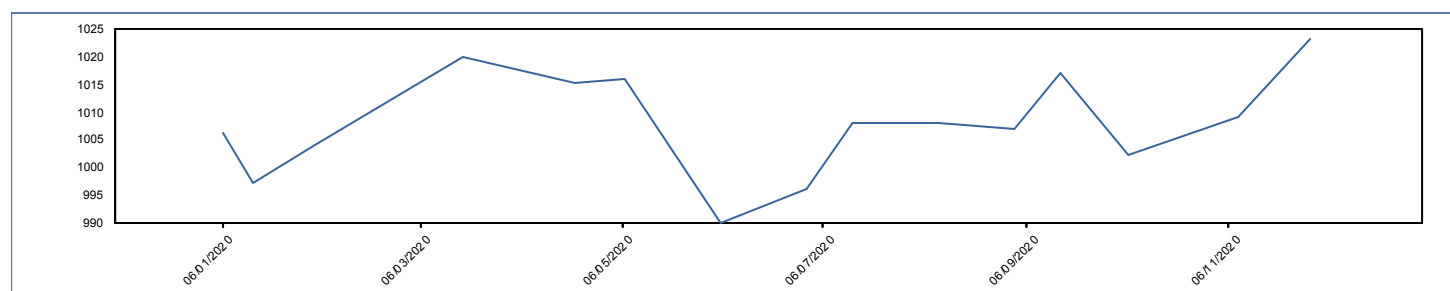
CHIR0079

Number of readings

15

Number of breaches

0



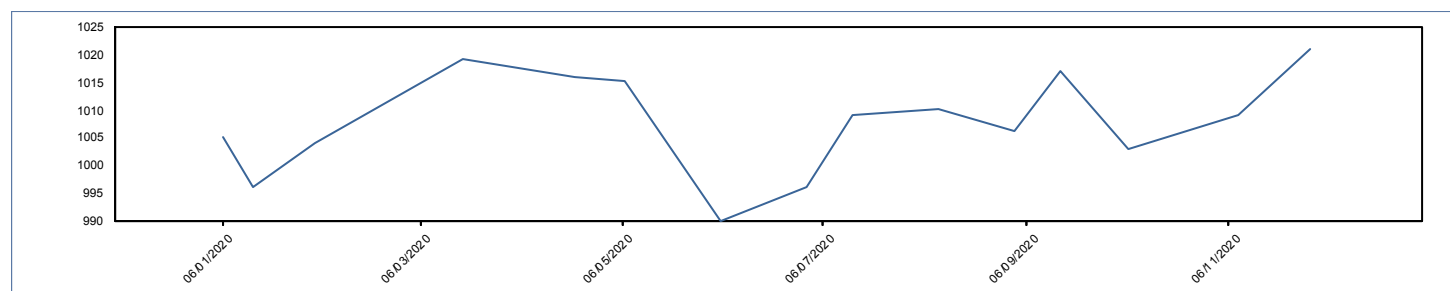
CHIR0080

Number of readings

23

Number of breaches

0



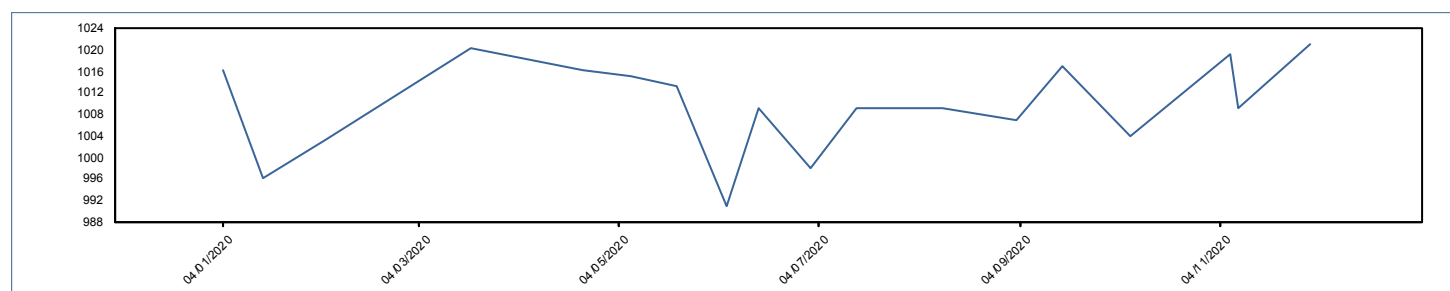
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

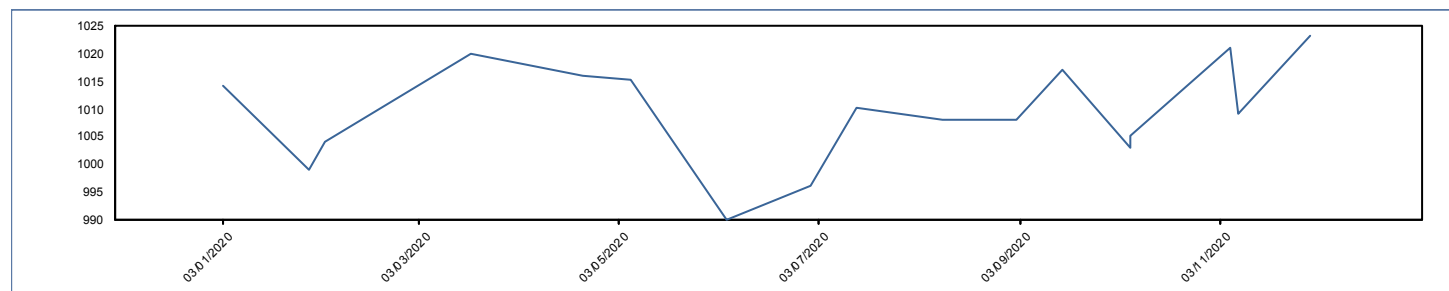
CHIR0091

Number of readings

17

Number of breaches

0



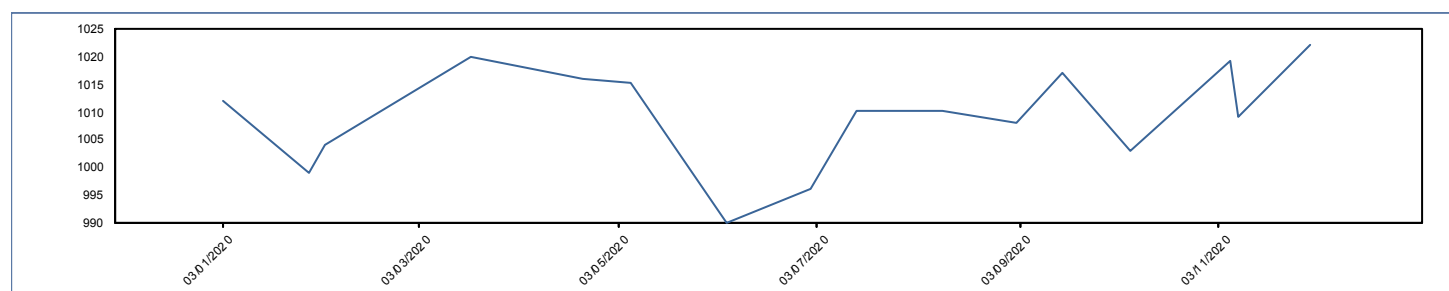
CHIR0093

Number of readings

17

Number of breaches

0



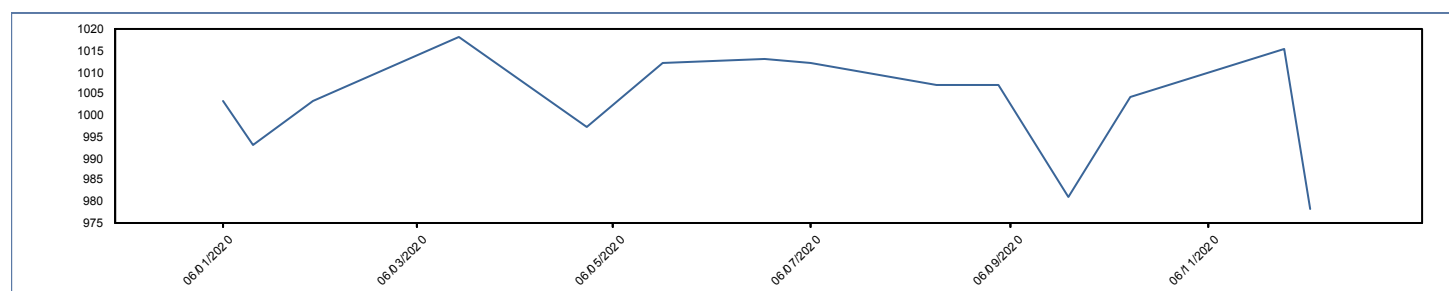
CHIR252R

Number of readings

14

Number of breaches

0



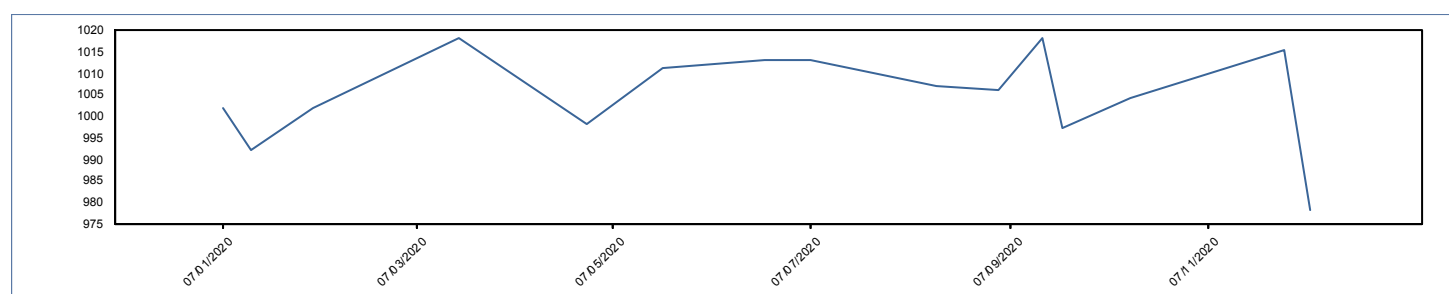
CHIW0064

Number of readings

15

Number of breaches

0



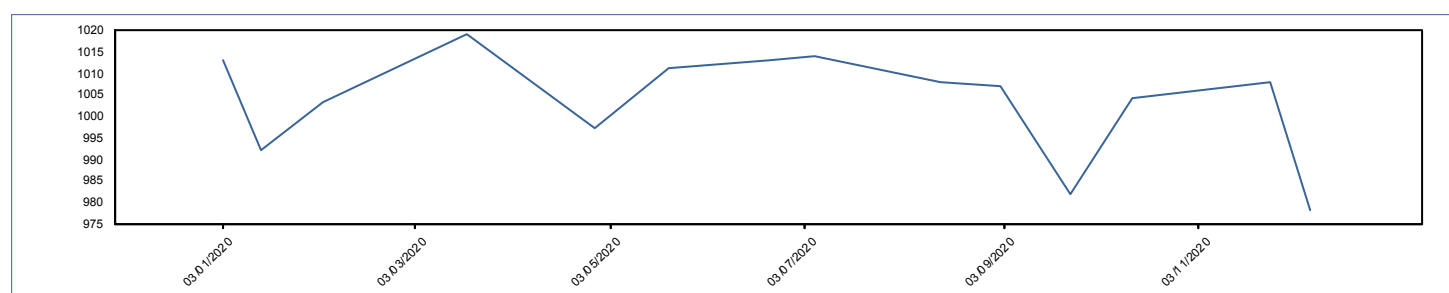
CHIW0065

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

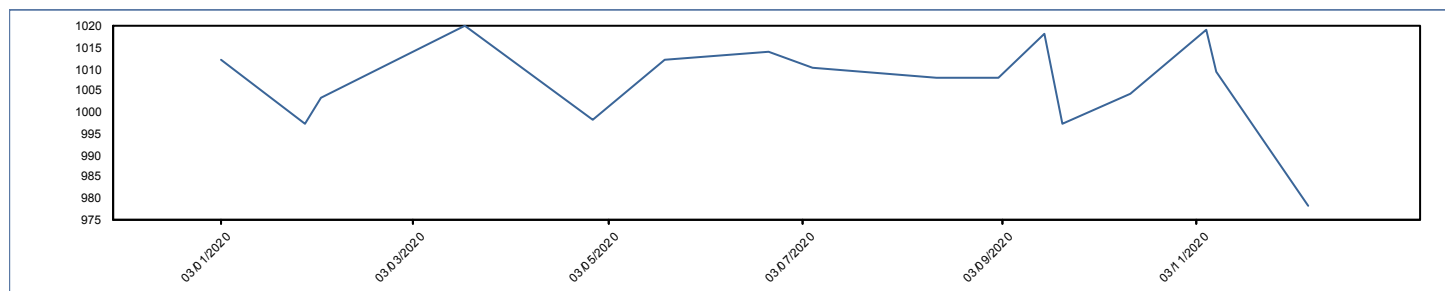
CHI0066

Number of readings

16

Number of breaches

0



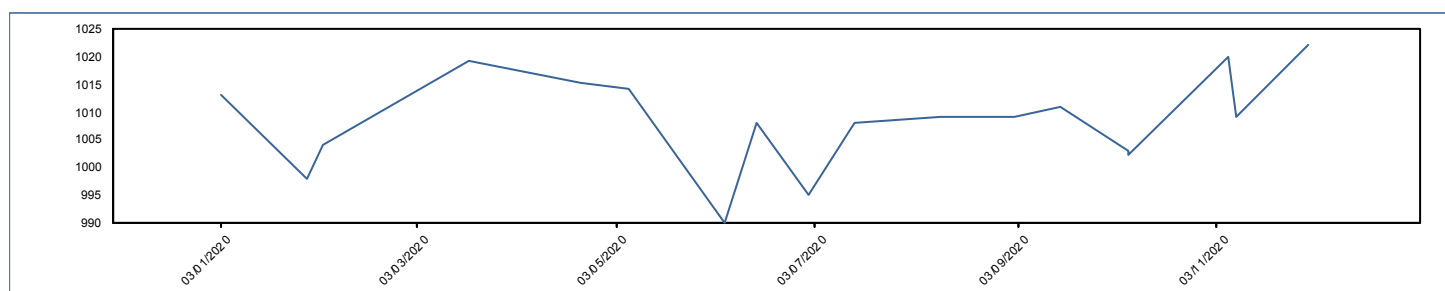
CHI0067

Number of readings

37

Number of breaches

0



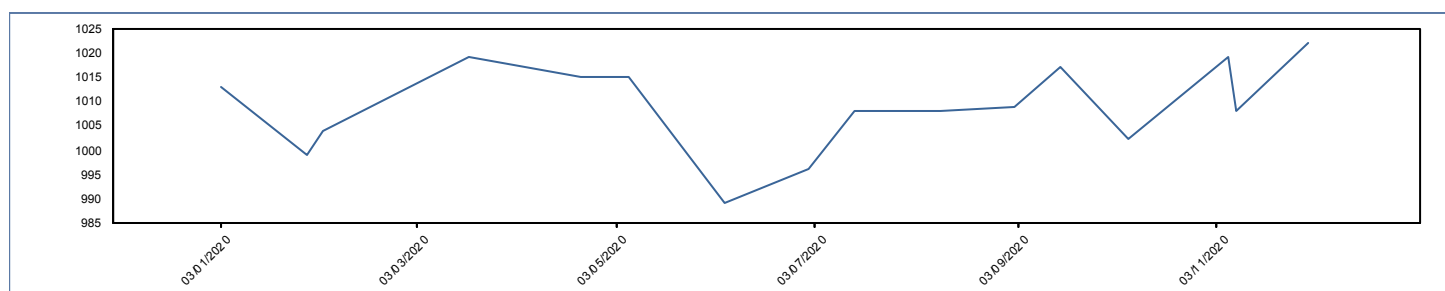
CHI0068

Number of readings

16

Number of breaches

0



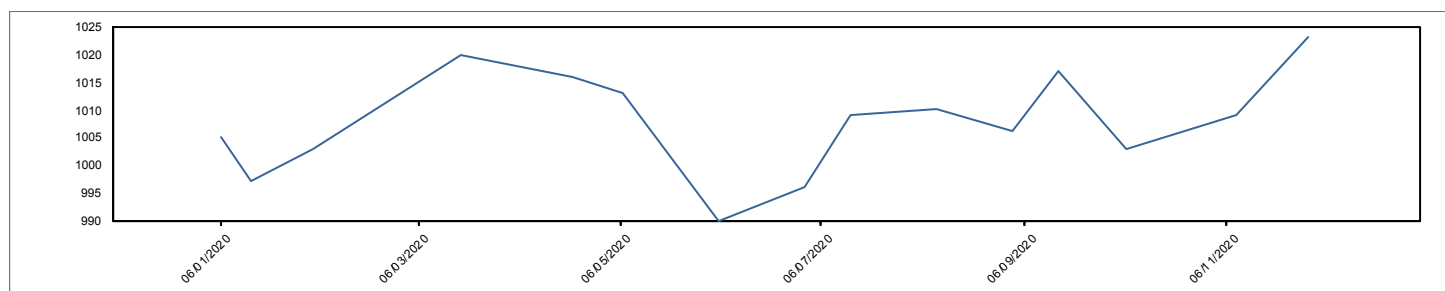
CHI0078

Number of readings

20

Number of breaches

0



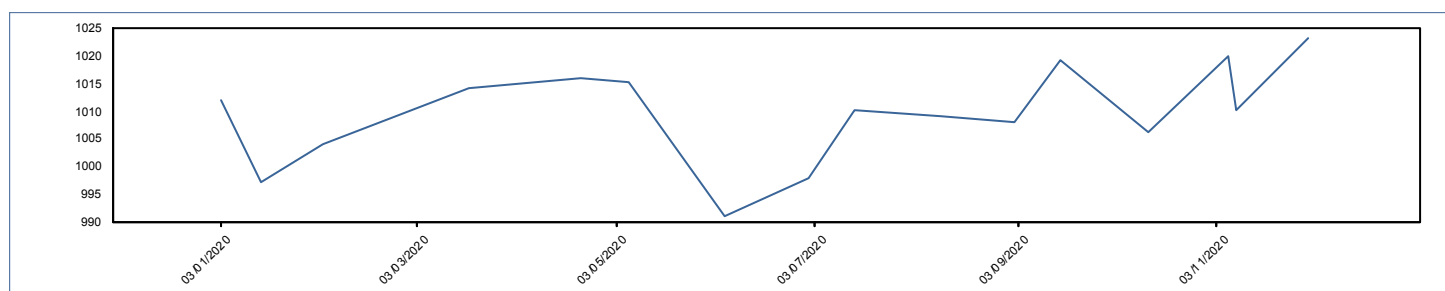
CHI0082

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

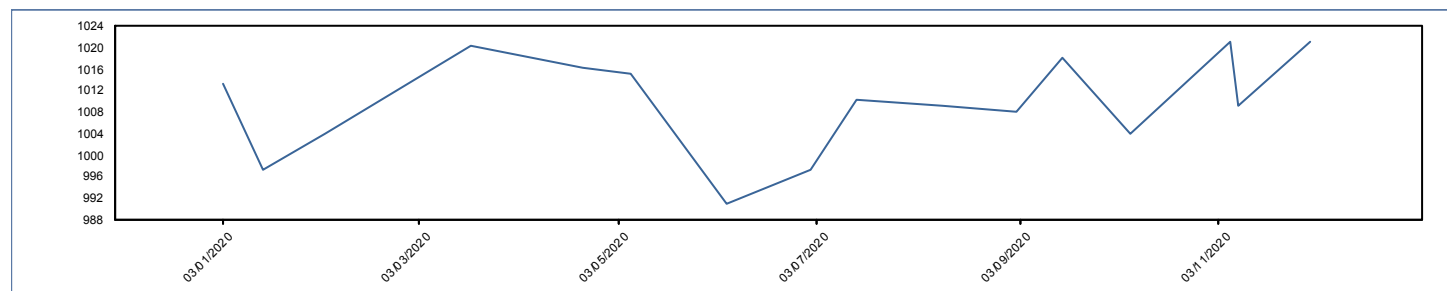
CHIW0083

Number of readings

16

Number of breaches

0



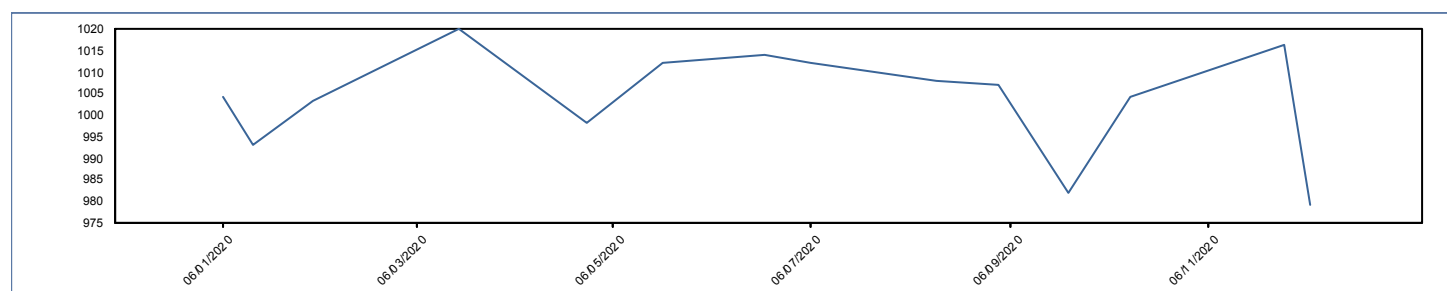
CHIW0084

Number of readings

14

Number of breaches

0



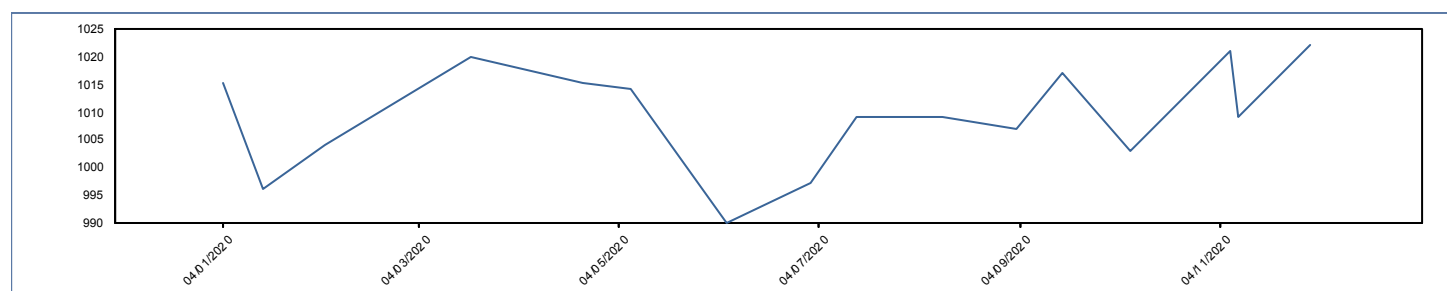
CHIW0089

Number of readings

16

Number of breaches

0



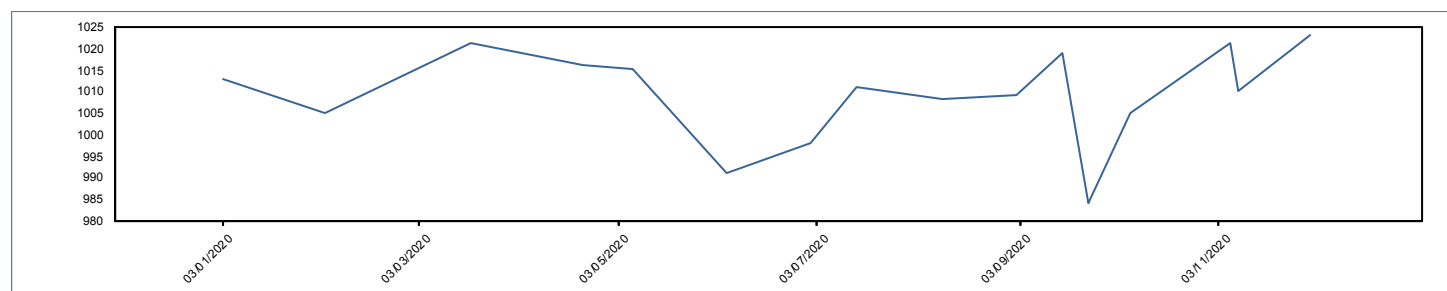
CHIW0094

Number of readings

34

Number of breaches

0



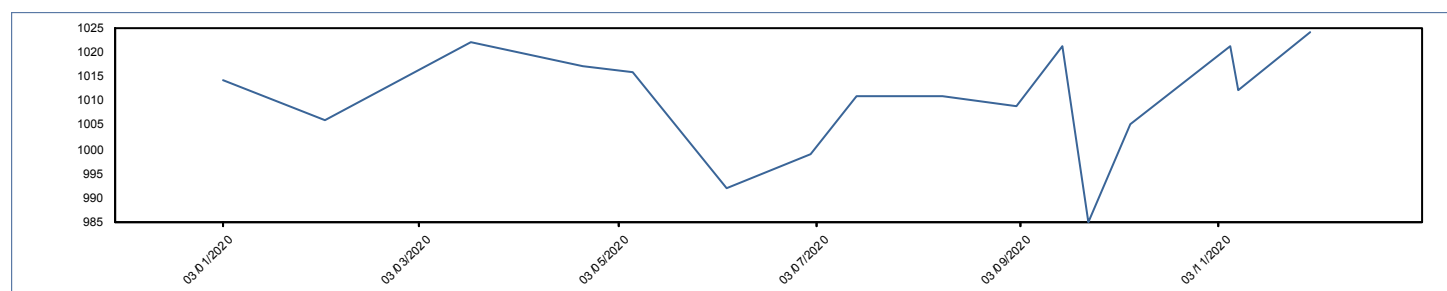
CHIW0097

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

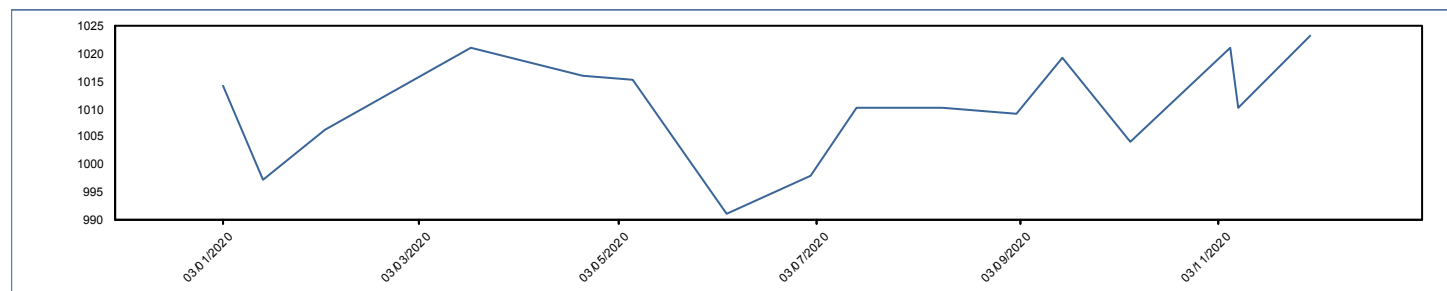
CHI0098

Number of readings

16

Number of breaches

0



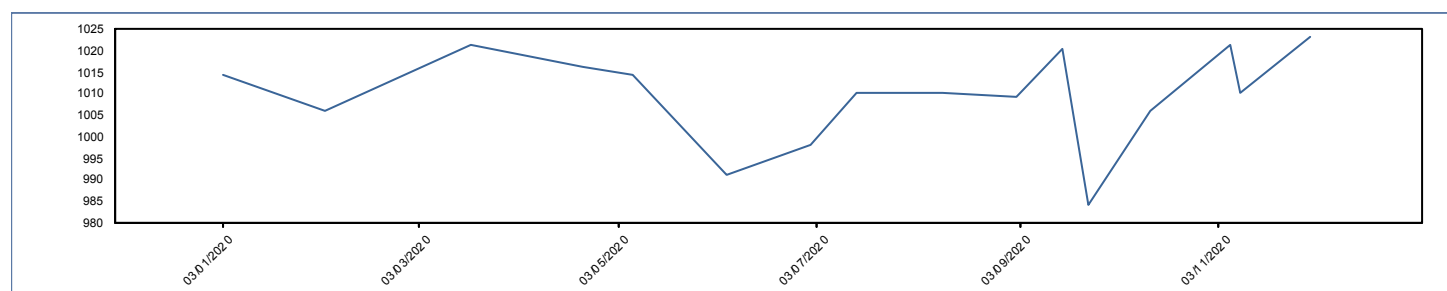
CHI0099

Number of readings

16

Number of breaches

0



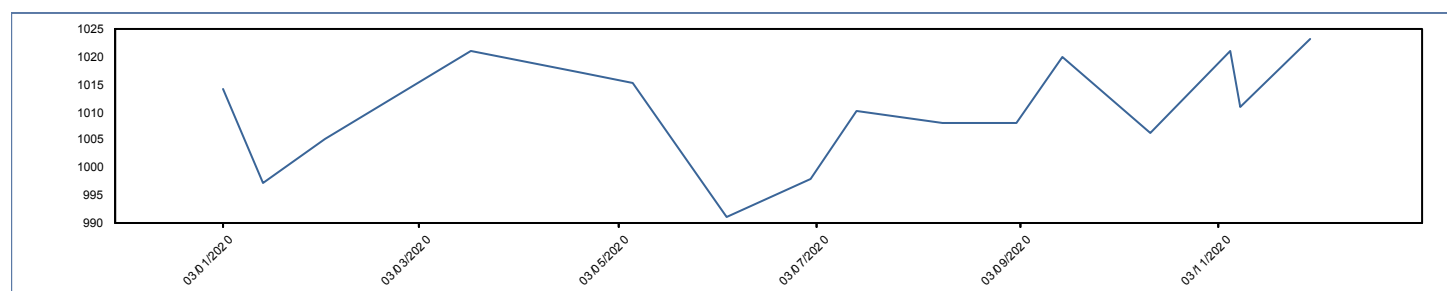
CHI0100

Number of readings

22

Number of breaches

0



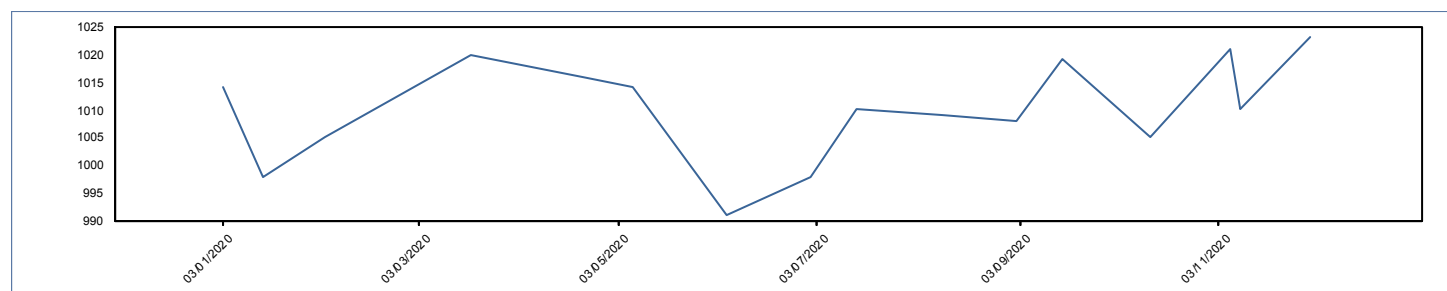
CHI0101

Number of readings

16

Number of breaches

0



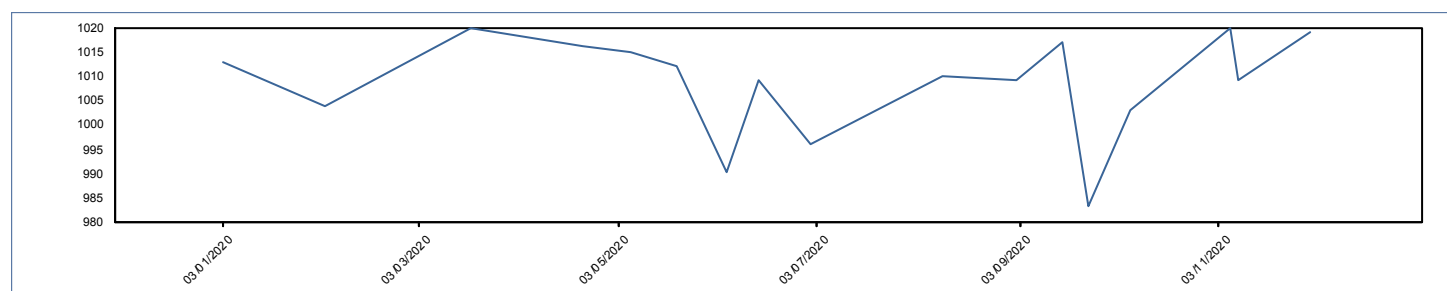
CHI0102

Number of readings

39

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

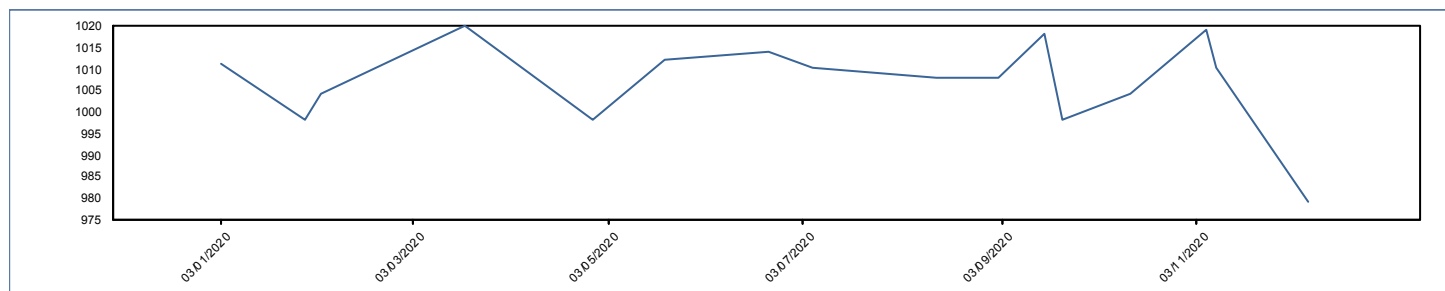
CHI0103

Number of readings

24

Number of breaches

0



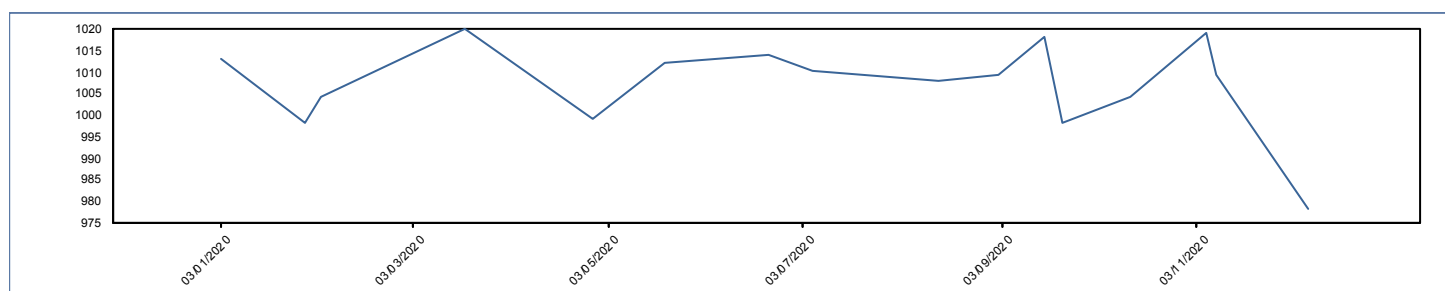
CHI0104

Number of readings

30

Number of breaches

0



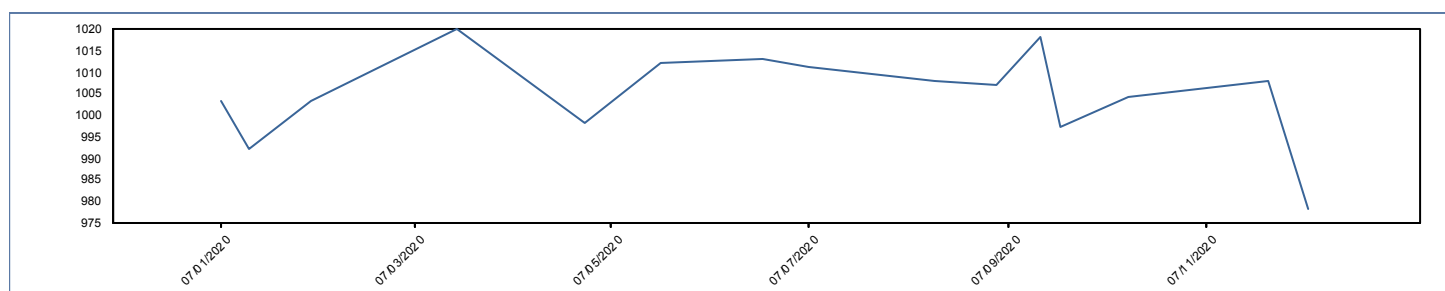
CHI0105

Number of readings

24

Number of breaches

0



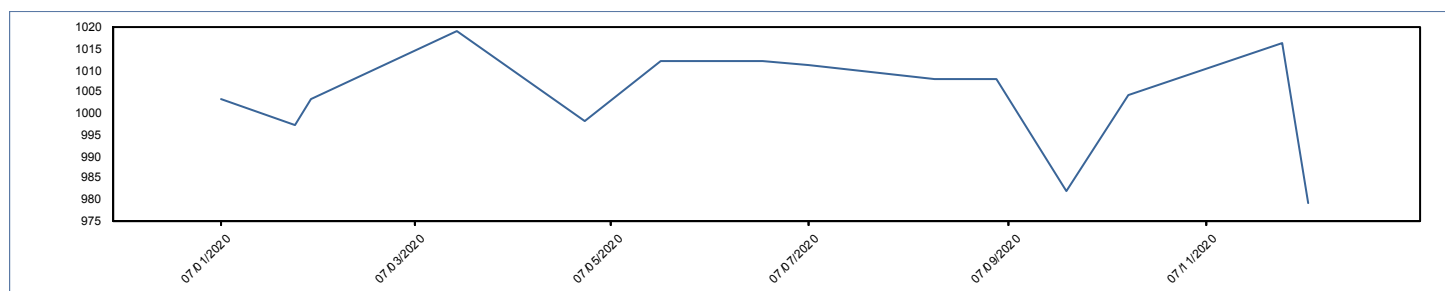
CHI0106

Number of readings

26

Number of breaches

0



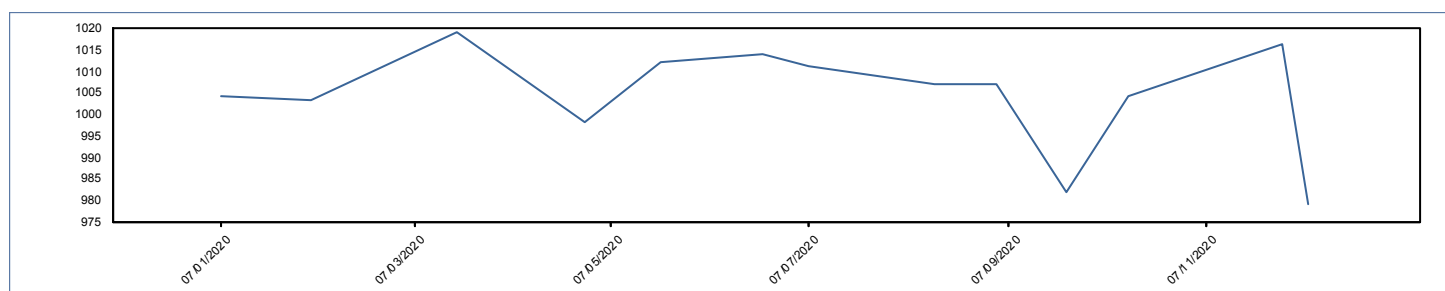
CHI0107

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

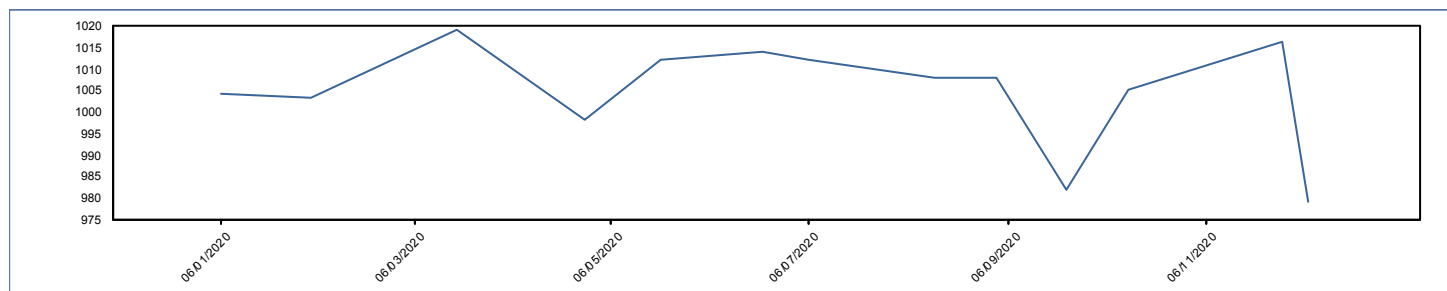
CHI0108

Number of readings

25

Number of breaches

0



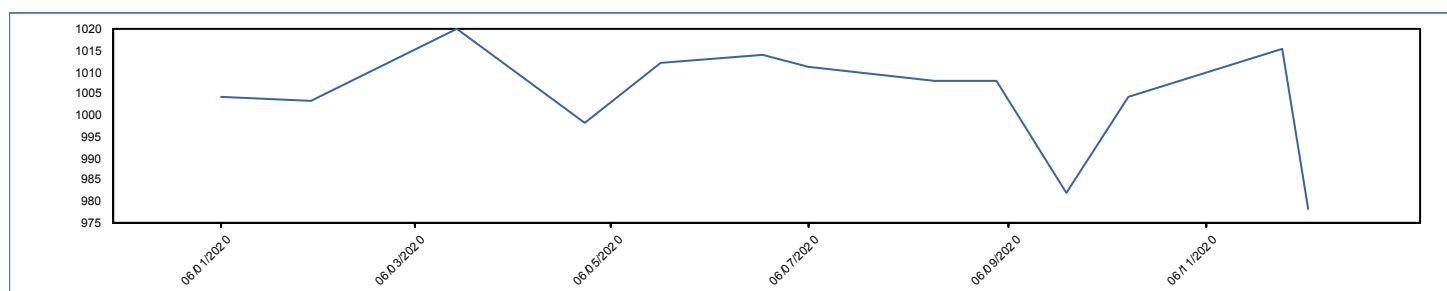
CHI0109

Number of readings

25

Number of breaches

0



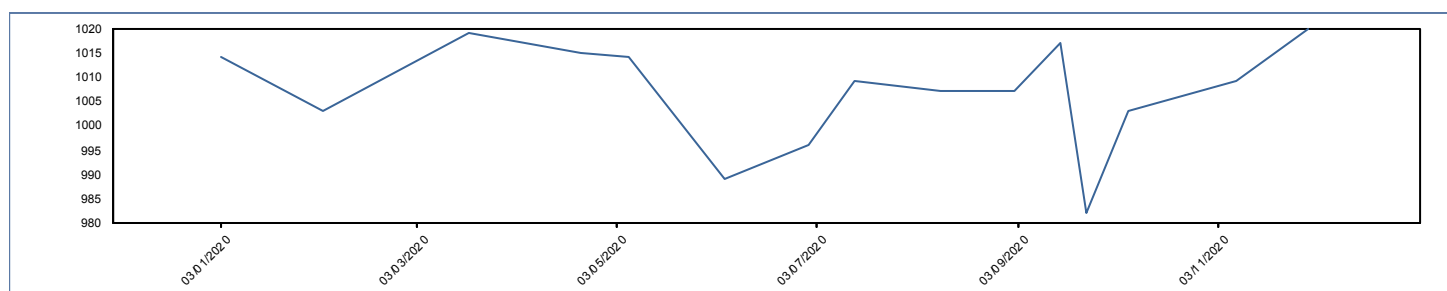
CHI0110

Number of readings

15

Number of breaches

0



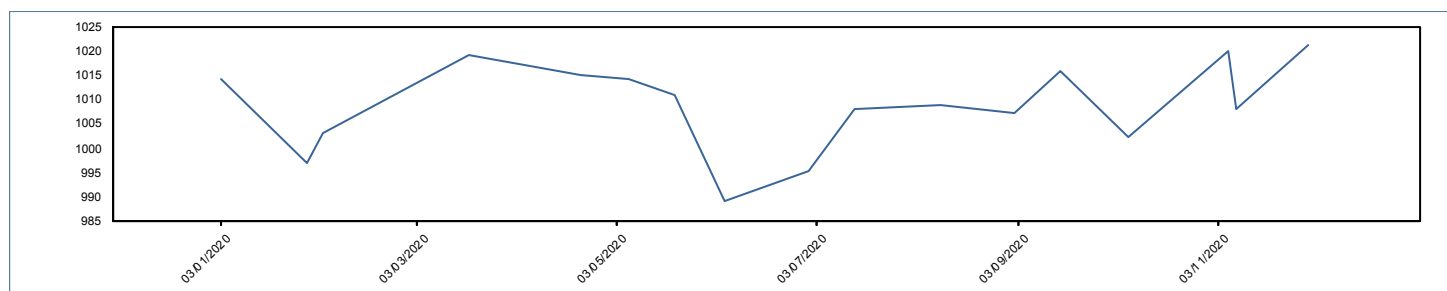
CHI0111

Number of readings

28

Number of breaches

0



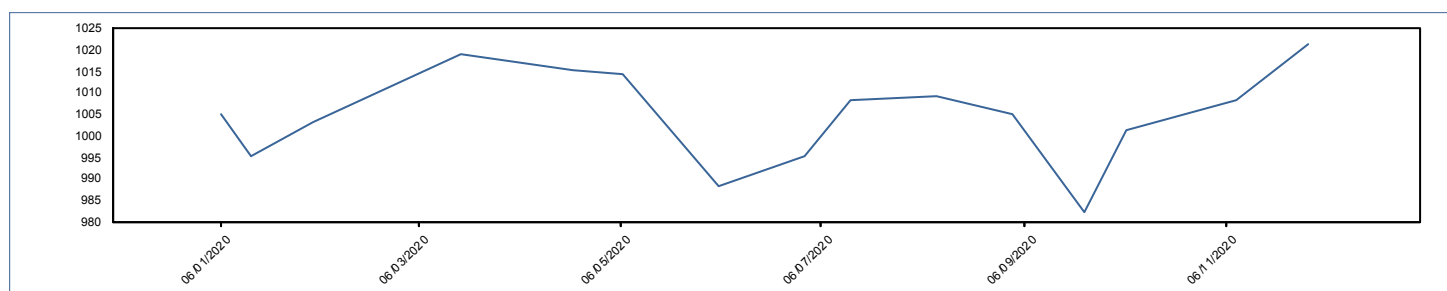
CHI0112

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

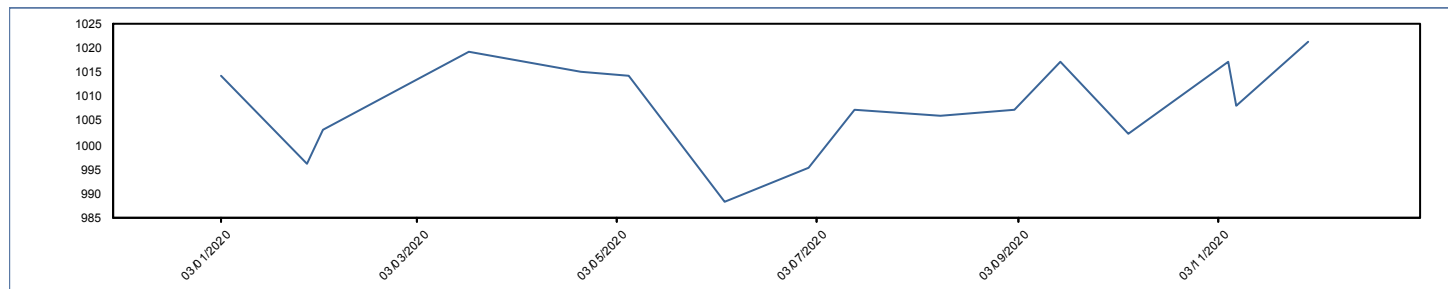
CHI0113

Number of readings

20

Number of breaches

0



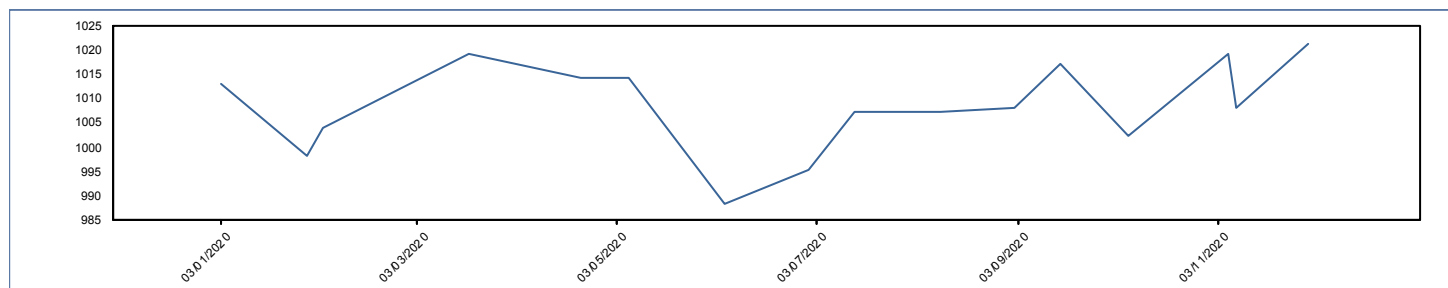
CHI0115

Number of readings

16

Number of breaches

0



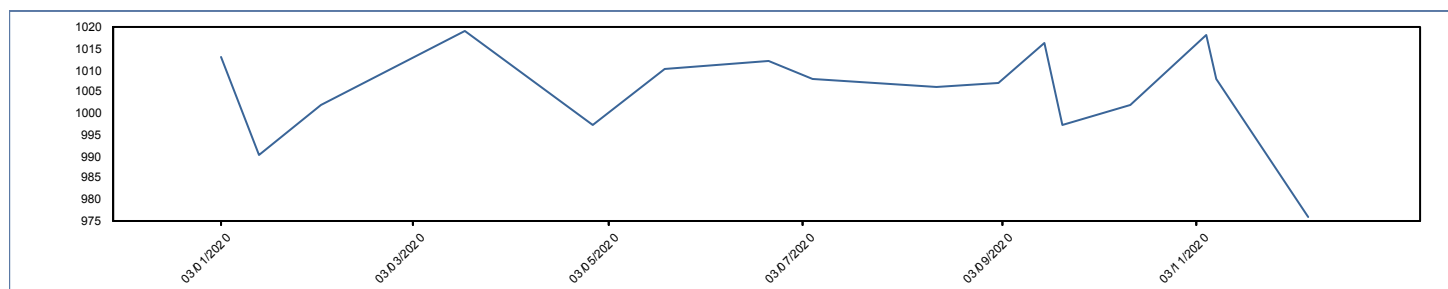
CHI0116

Number of readings

26

Number of breaches

0



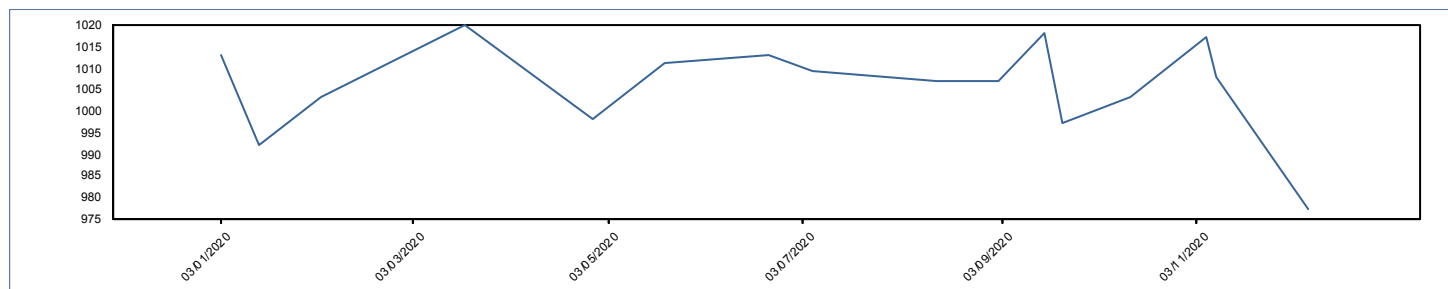
CHI0117

Number of readings

32

Number of breaches

0



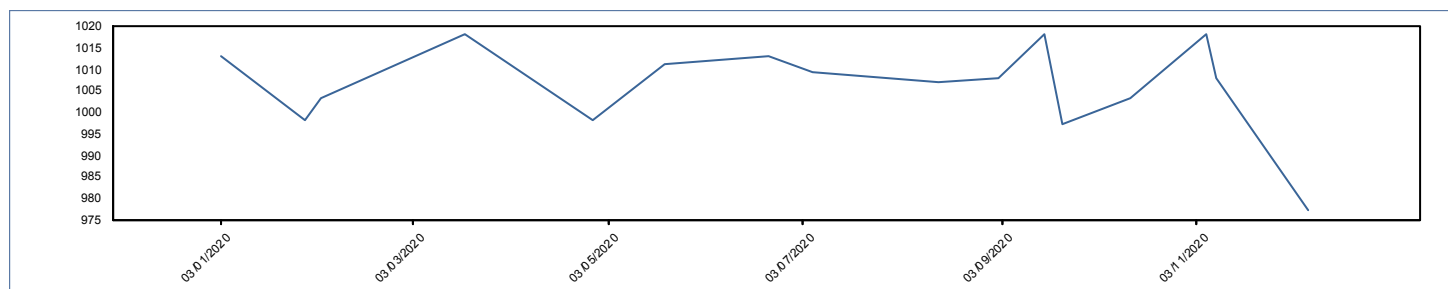
CHI0118

Number of readings

16

Number of breaches

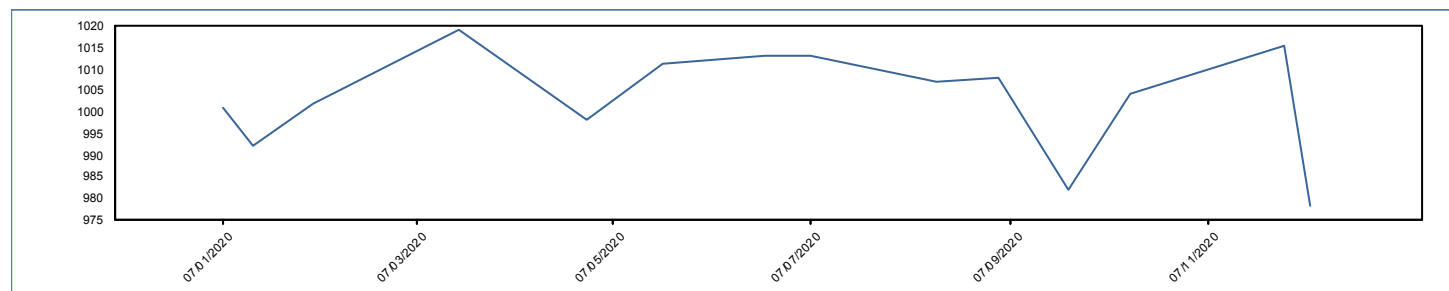
0



Data from: 1 Jan 2020 to: 31 Dec 2020

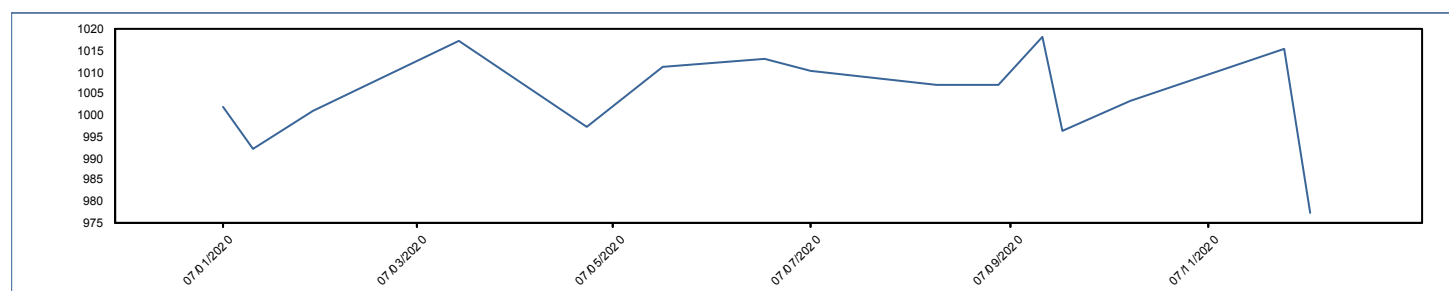
CHI0120

Number of readings 14 Number of breaches 0



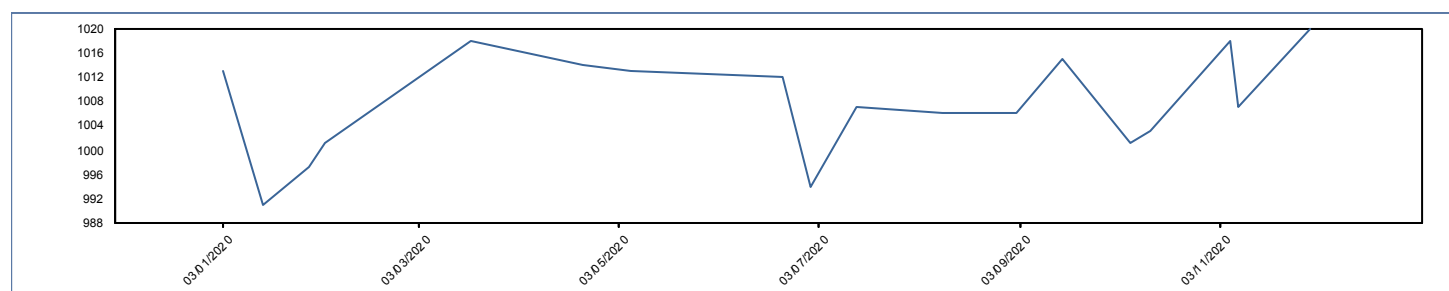
CHI0121

Number of readings 15 Number of breaches 0



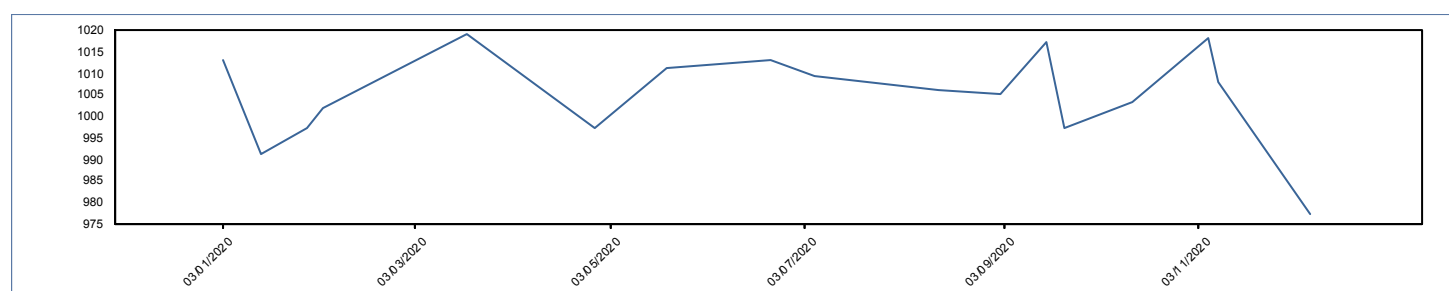
CHI0123

Number of readings 18 Number of breaches 0



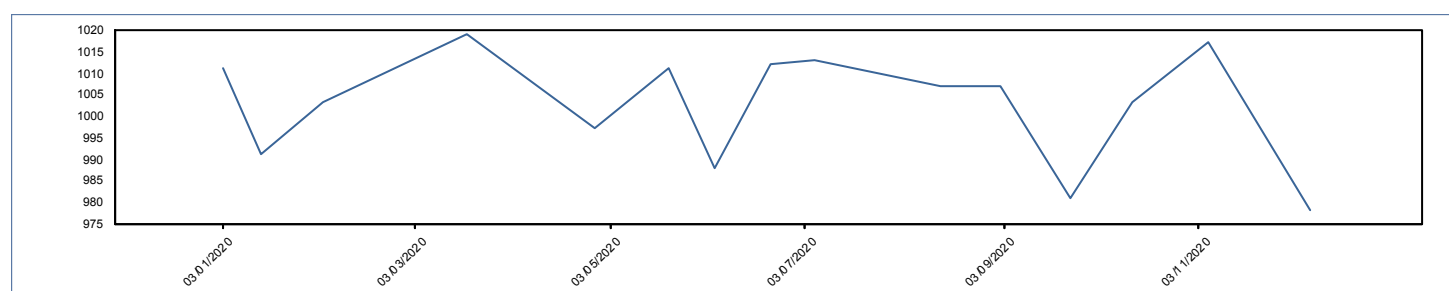
CHI0124

Number of readings 17 Number of breaches 0



CHI0125

Number of readings 20 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

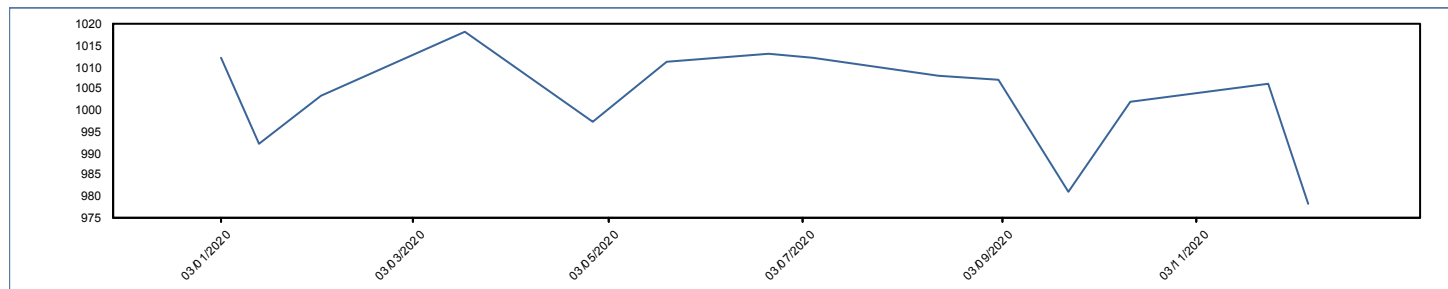
CHI0126

Number of readings

17

Number of breaches

0



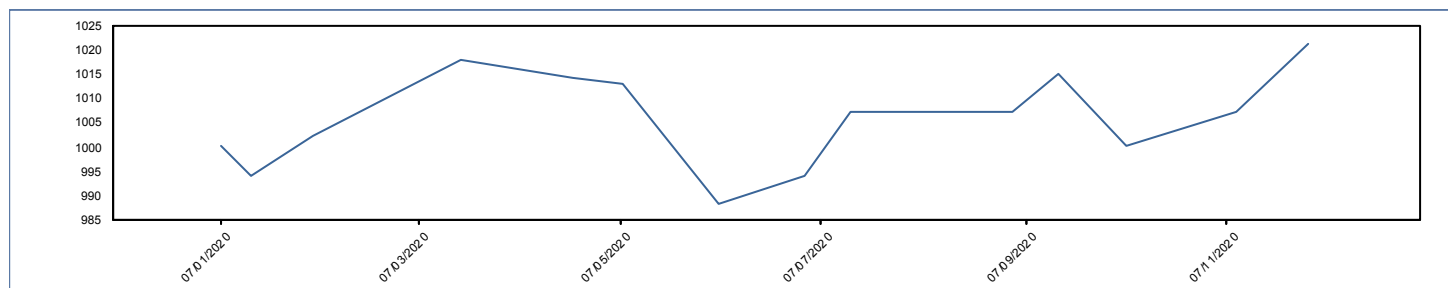
CHI0127

Number of readings

15

Number of breaches

0



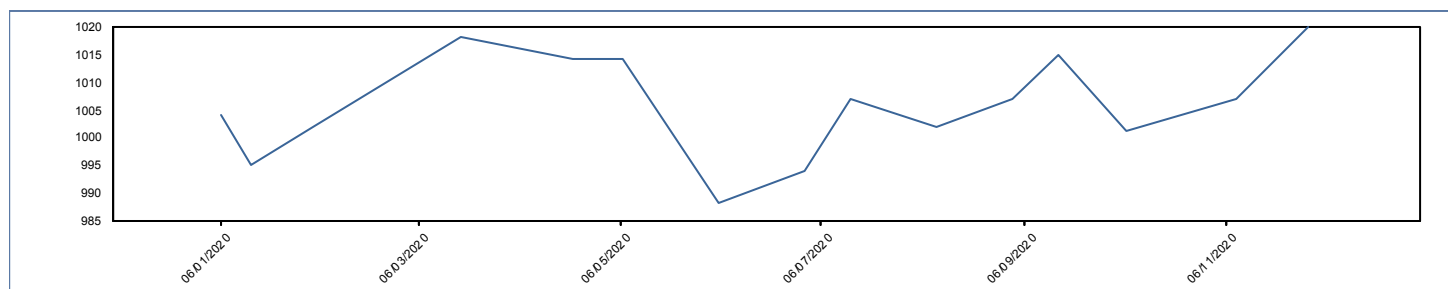
CHI0128

Number of readings

19

Number of breaches

0



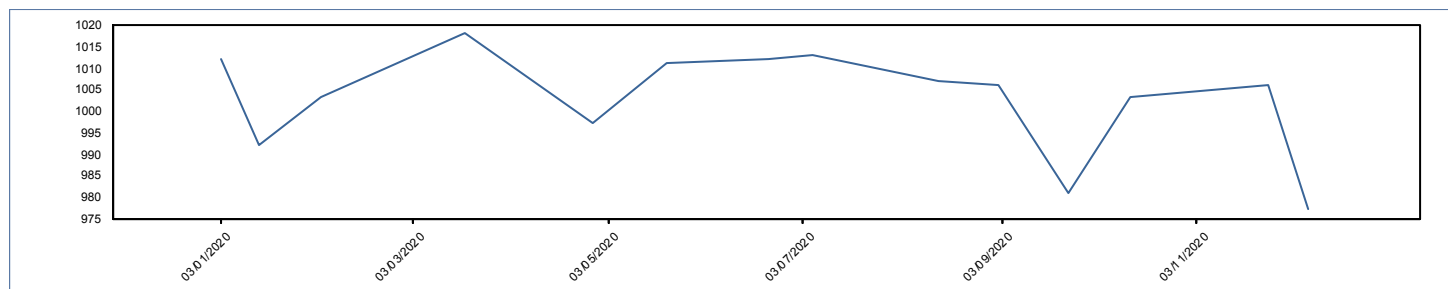
CHI01601

Number of readings

15

Number of breaches

0



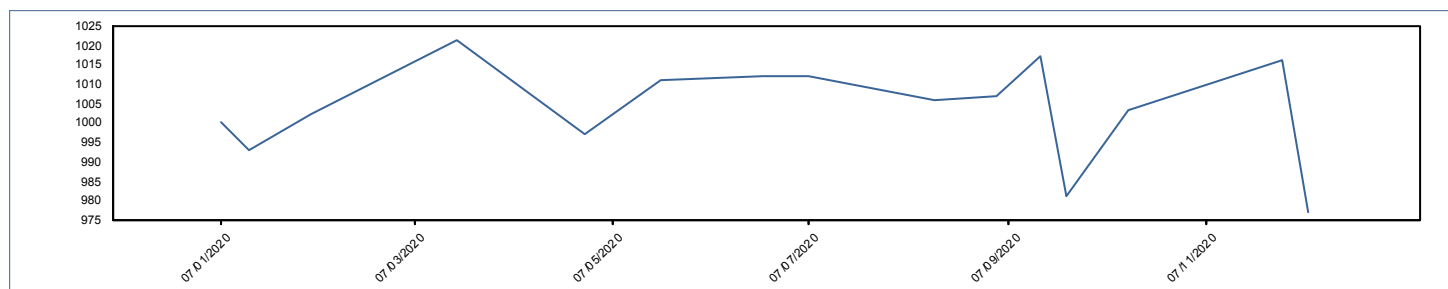
CHI01602

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

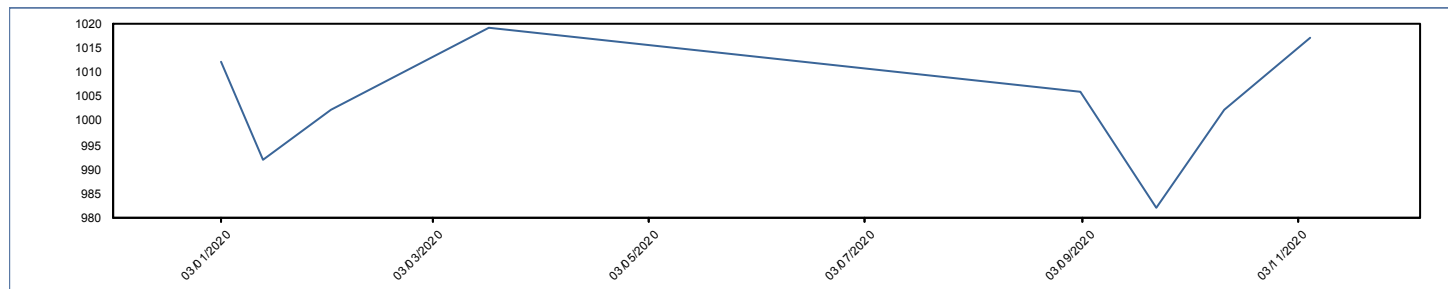
CHI1603

Number of readings

8

Number of breaches

0



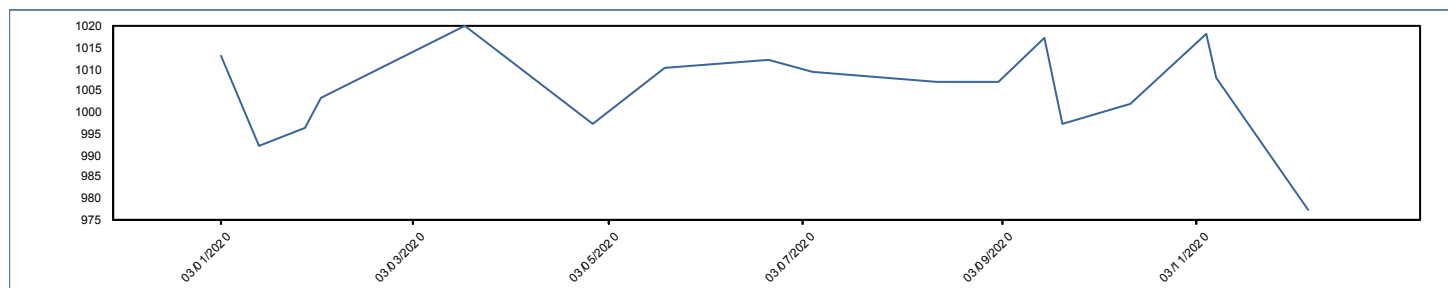
CHI1604

Number of readings

17

Number of breaches

0



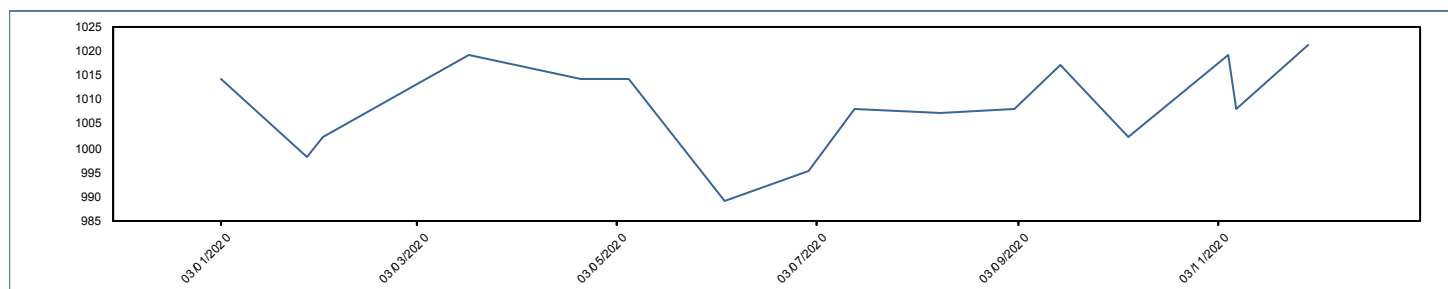
CHI1605

Number of readings

16

Number of breaches

0



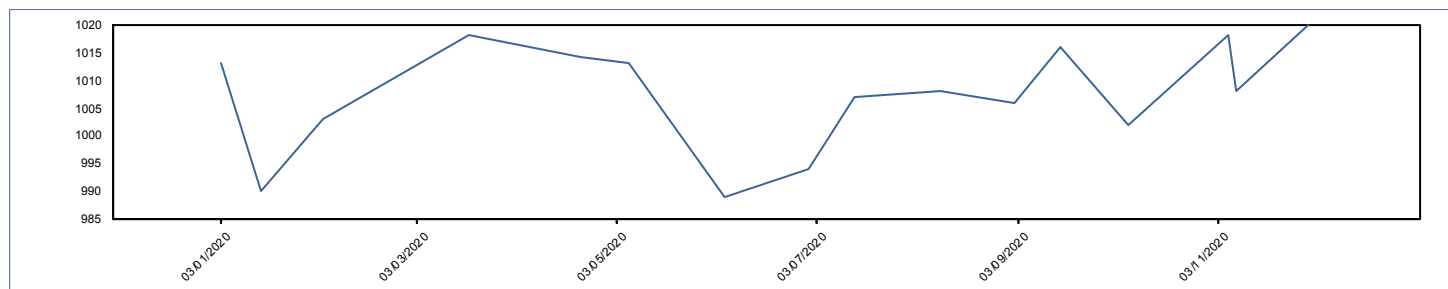
CHI1606

Number of readings

16

Number of breaches

0



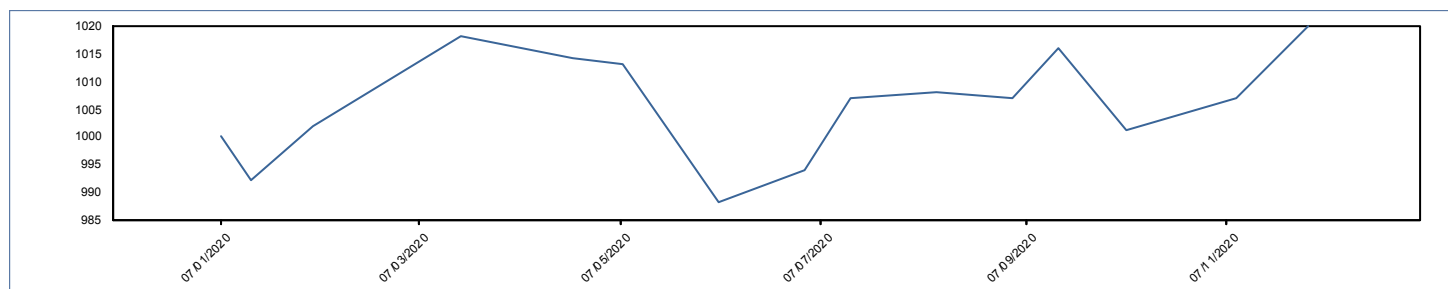
CHI1608

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

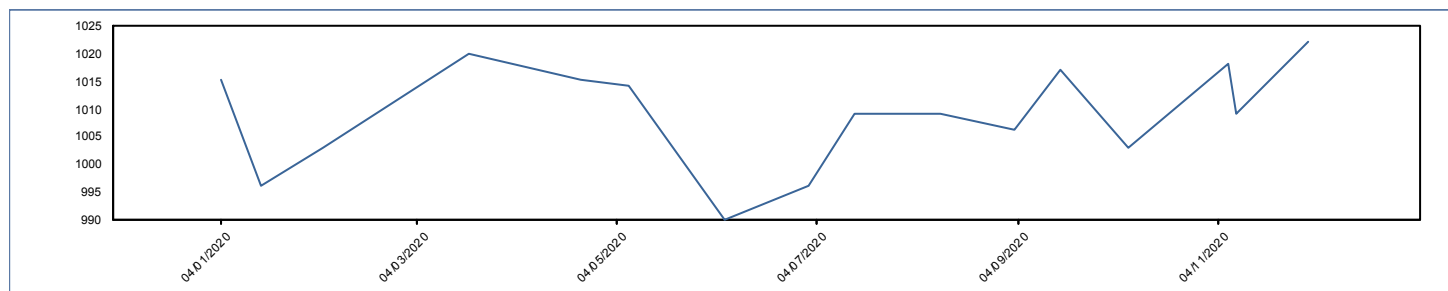
CHI1609

Number of readings

20

Number of breaches

0



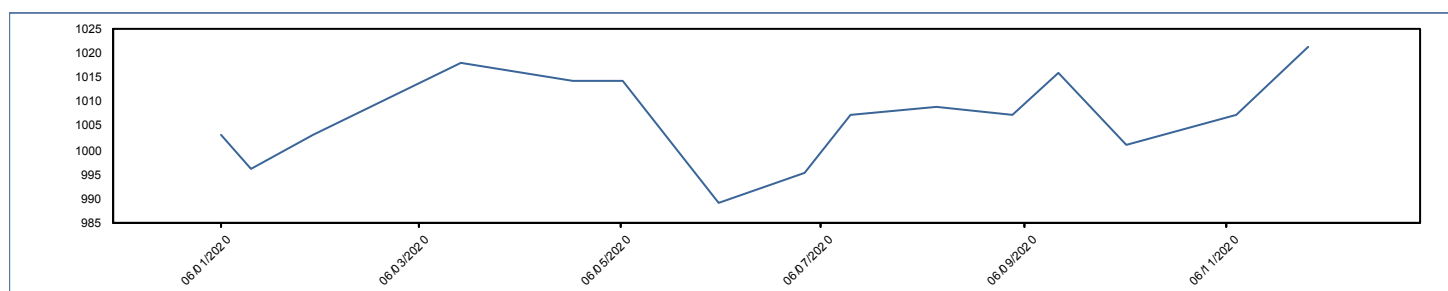
CHI1610

Number of readings

15

Number of breaches

0



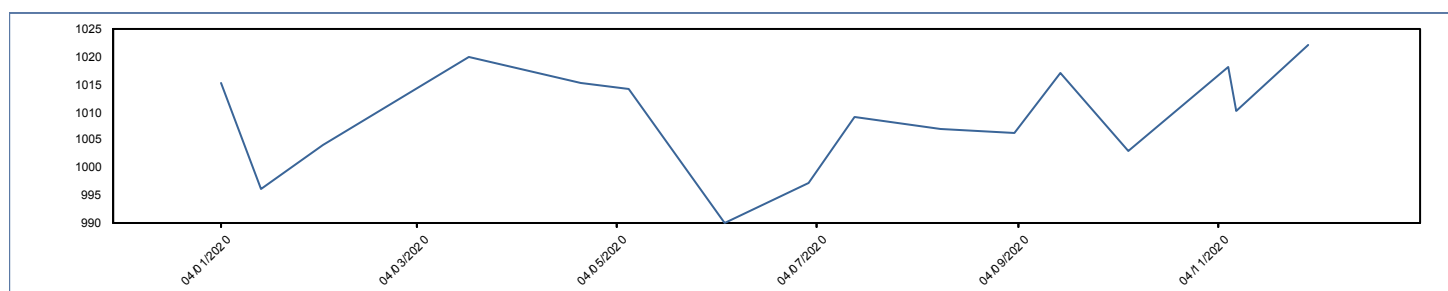
CHI1611

Number of readings

16

Number of breaches

0



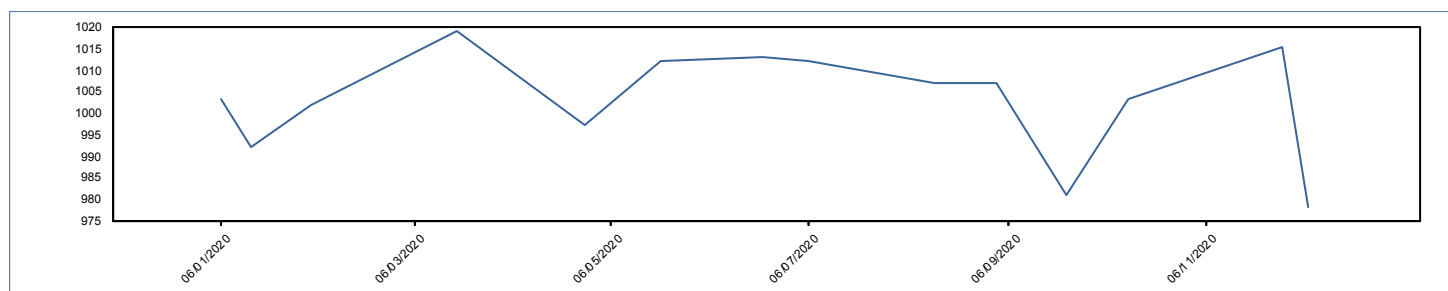
CHI1612

Number of readings

24

Number of breaches

0



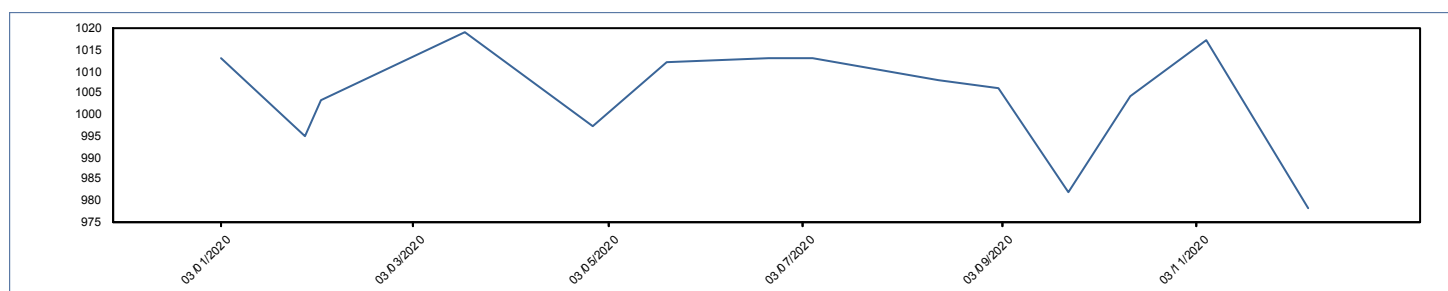
GW44

Number of readings

14

Number of breaches

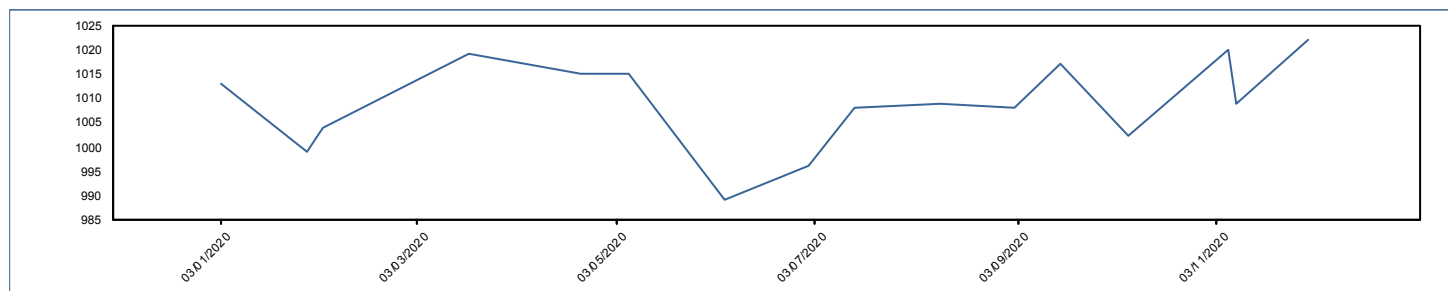
0



Data from: 1 Jan 2020 to: 31 Dec 2020

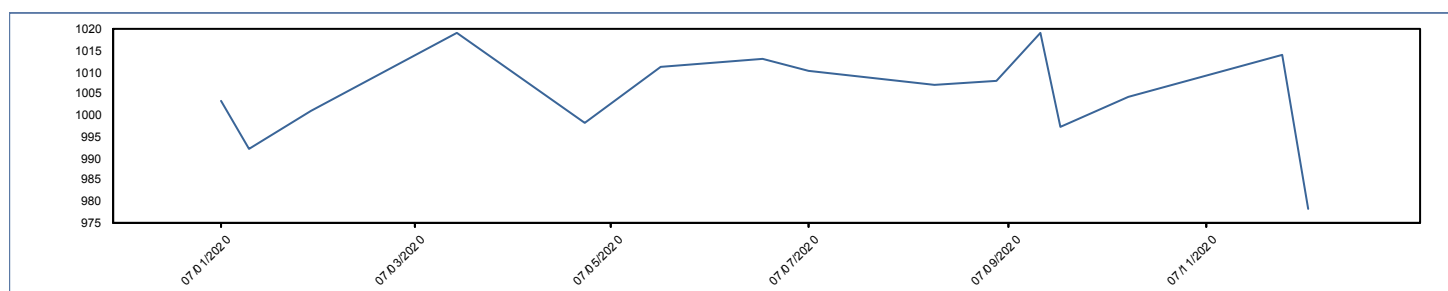
GW48

Number of readings 16 Number of breaches 0



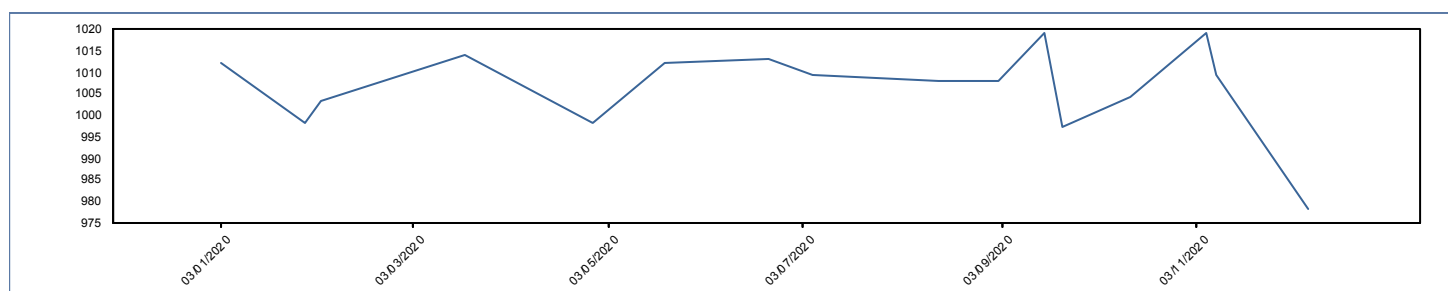
GW56

Number of readings 17 Number of breaches 0



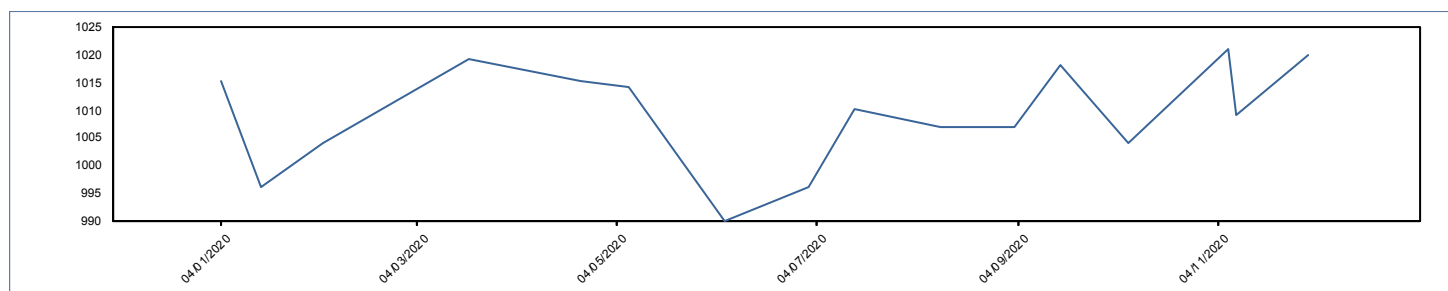
GW57

Number of readings 30 Number of breaches 0



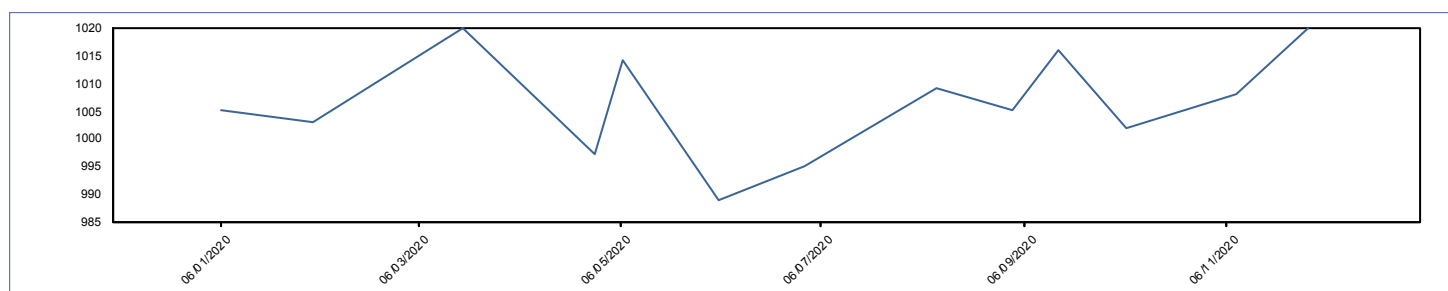
GW88

Number of readings 16 Number of breaches 0



LC005A

Number of readings 29 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

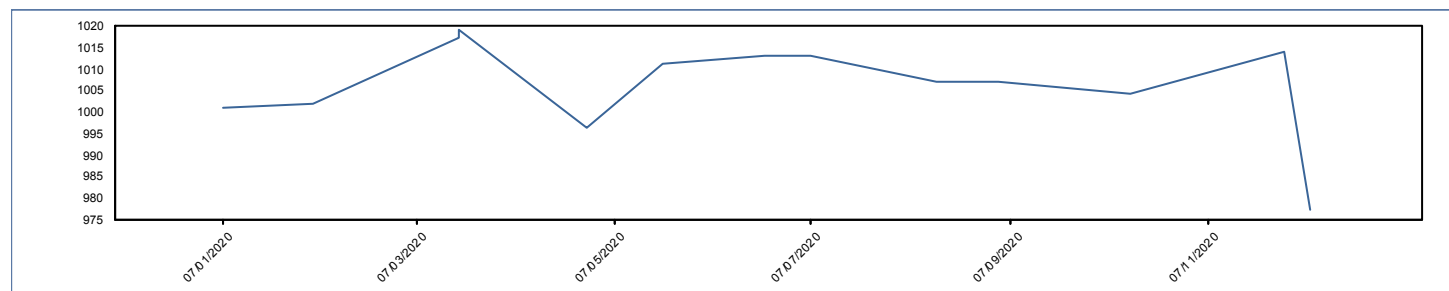
LC01B

Number of readings

24

Number of breaches

0



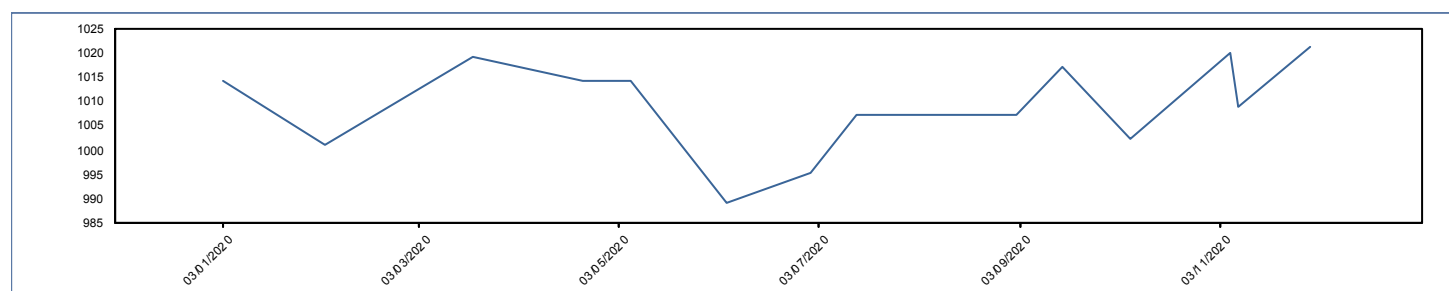
LM04B

Number of readings

28

Number of breaches

0



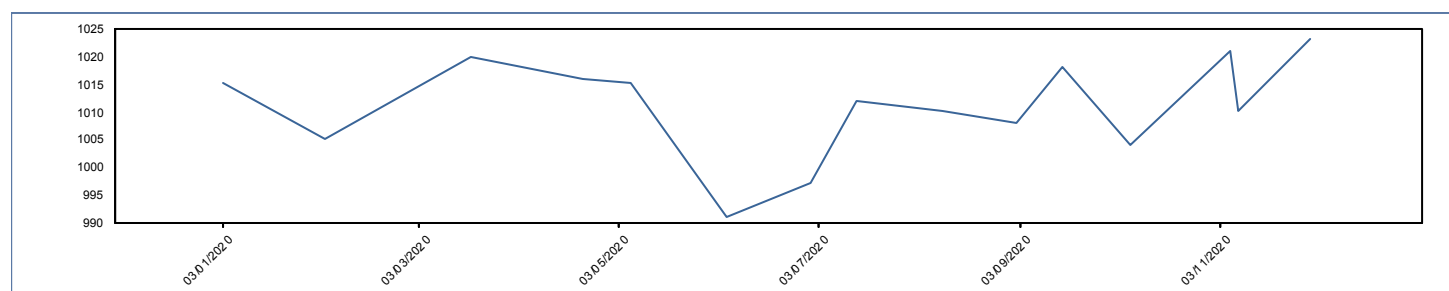
LM07B

Number of readings

25

Number of breaches

0



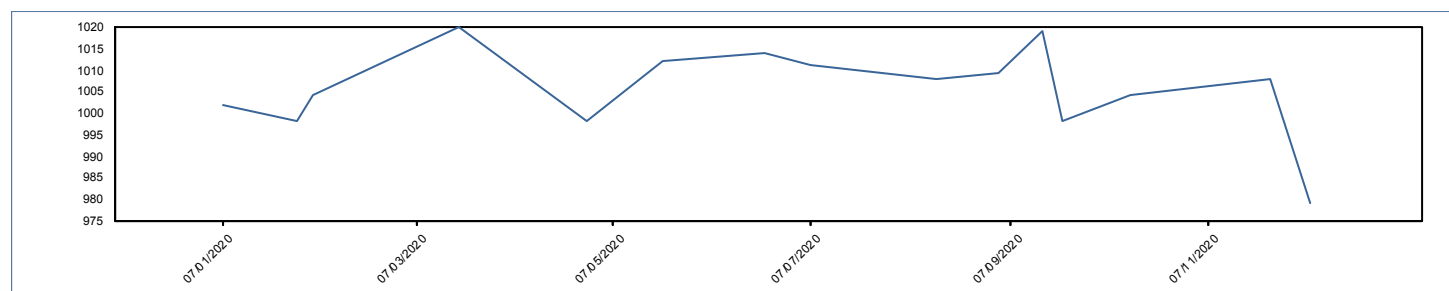
PBLFGXGW01

Number of readings

15

Number of breaches

0



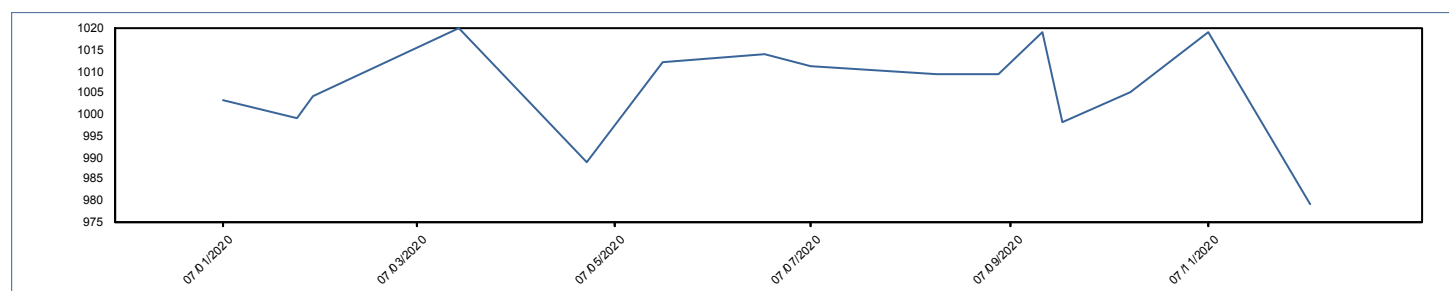
PBLFGXGW03

Number of readings

19

Number of breaches

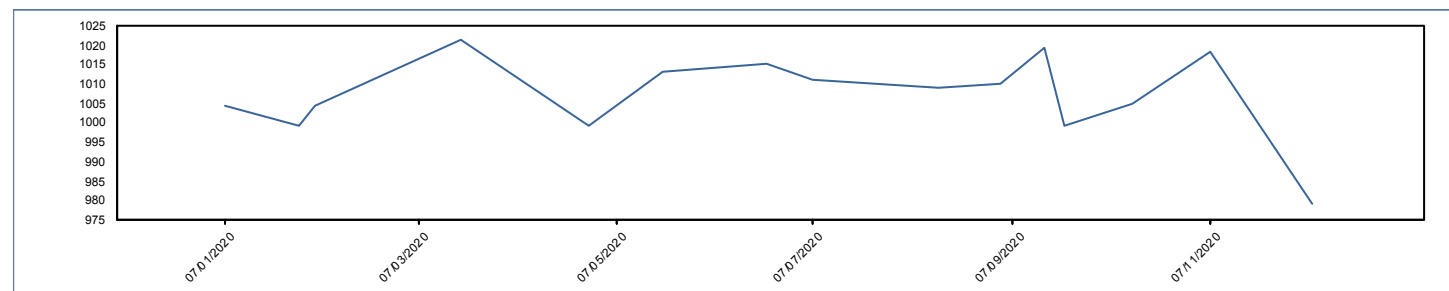
0



PBLFGXGW07

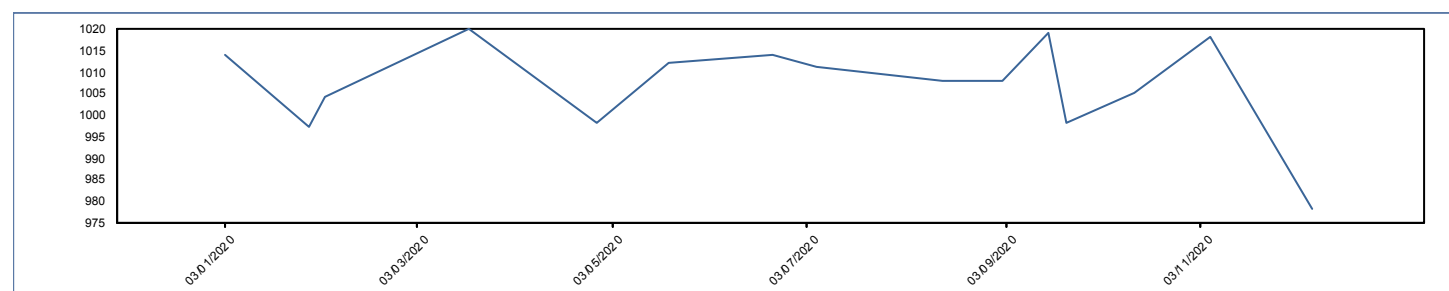
17

0



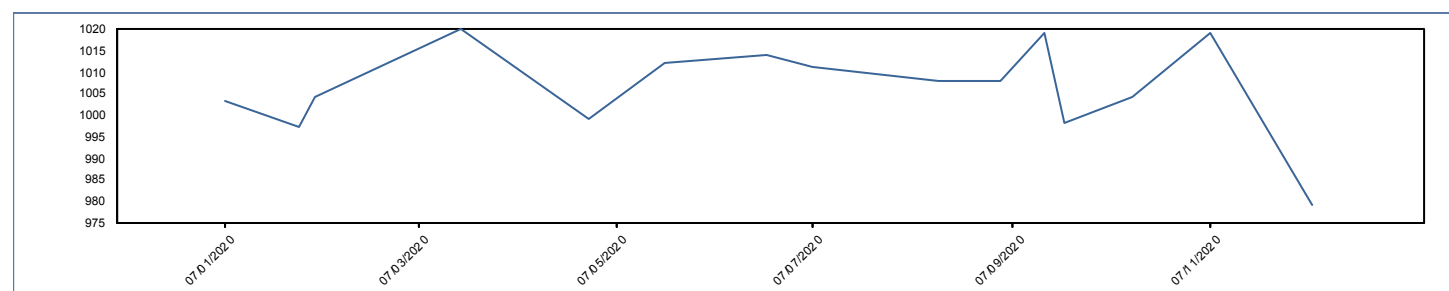
15

0



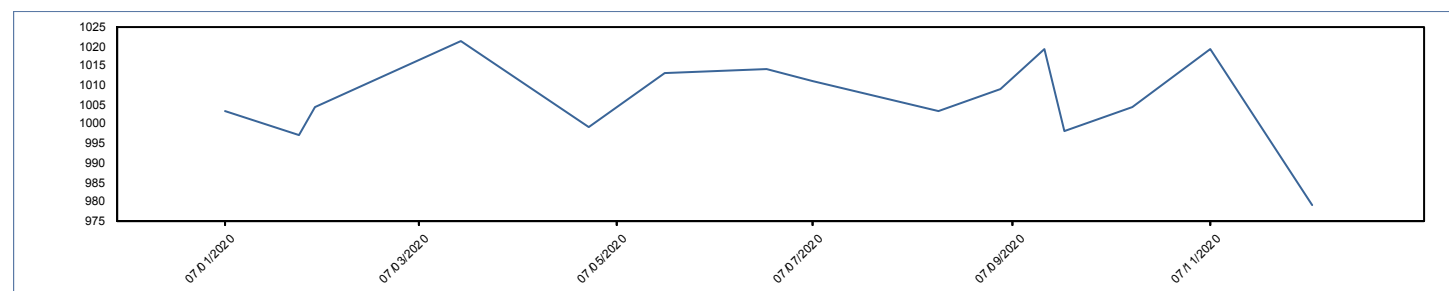
29

0



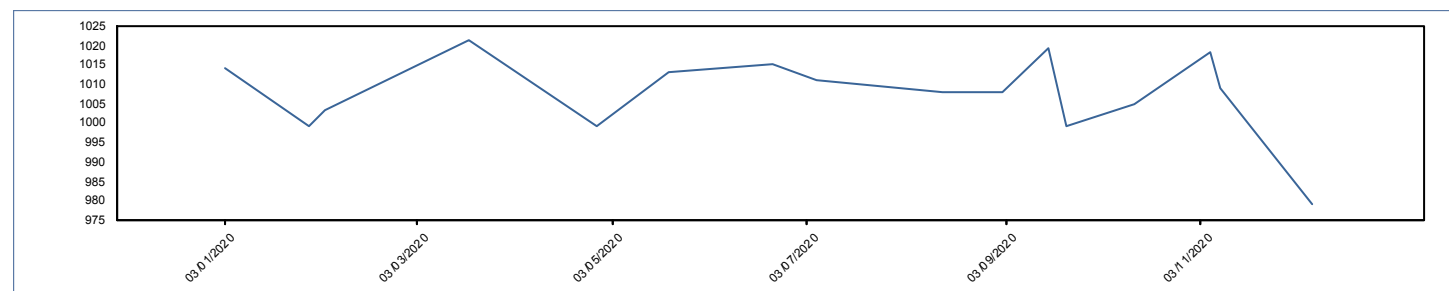
28

0



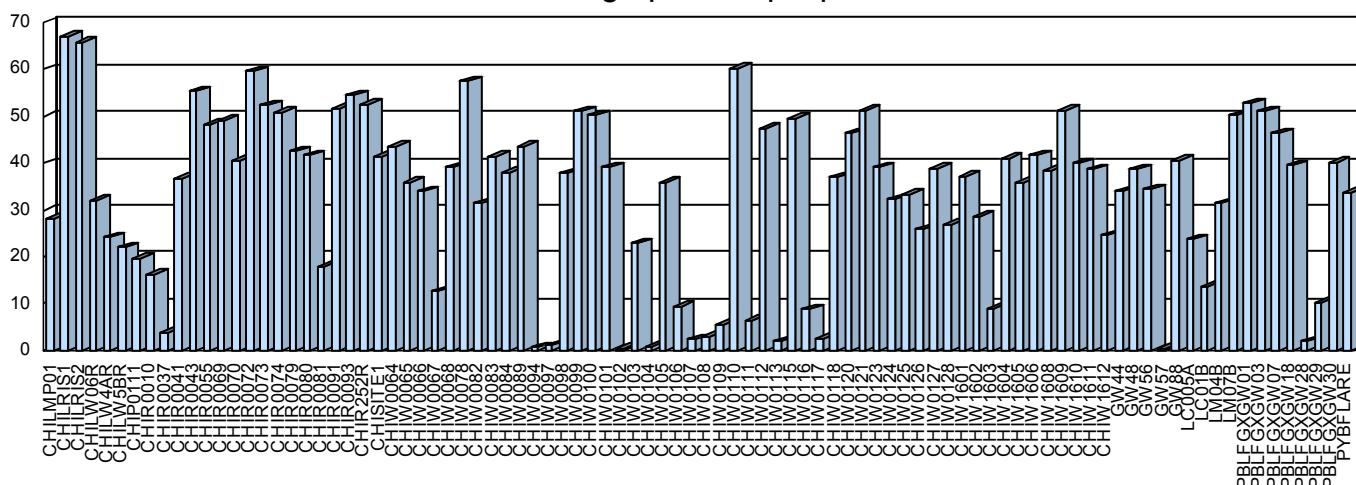
16

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.10	59.20	28.22	395.10	17.23	296.93	59.20
CHILRIS1	1	0	67.10	67.10	67.10	67.10	0.00	0.00	67.10
CHILRIS2	5	0	60.50	69.90	65.82	329.10	3.39	11.49	69.90
CHILW06R	28	0	0.10	69.60	32.16	900.40	27.06	732.14	69.40
CHILW4AR	27	0	0.30	60.80	24.08	650.20	20.63	425.77	60.50
CHILW5BR	29	0	0.20	70.50	22.09	640.70	19.62	384.75	67.75
CHIP0111	30	0	1.10	74.90	19.61	588.20	18.69	349.26	72.40
CHIR0010	30	0	0.50	53.00	16.23	487.00	14.35	205.83	52.90
CHIR0037	31	0	0.70	13.50	3.91	121.20	4.01	16.09	13.50
CHIR0041	16	0	32.10	43.50	36.75	588.00	2.77	7.66	43.50
CHIR0043	15	0	42.70	62.10	55.37	830.60	4.07	16.54	62.10
CHIR0055	15	0	40.40	56.60	48.31	724.70	4.64	21.53	56.60
CHIR0069	15	0	43.90	54.80	49.20	738.00	3.31	10.98	54.80
CHIR0070	15	0	34.40	44.10	40.47	607.10	2.70	7.28	44.10
CHIR0072	16	0	53.60	68.90	59.51	952.20	3.98	15.81	68.90
CHIR0073	18	0	24.20	64.60	52.36	942.50	12.29	151.03	64.60
CHIR0074	15	0	42.90	58.10	50.92	763.80	3.38	11.39	58.10
CHIR0079	15	0	37.80	53.00	42.52	637.80	4.43	19.58	53.00
CHIR0080	23	0	3.30	75.00	41.68	958.70	24.77	613.52	74.40

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0081	35	0	2.50	54.10	17.91	627.00	16.48	271.49	54.00
CHIR0091	17	0	23.40	61.30	51.68	878.50	8.05	64.84	61.30
CHIR0093	17	0	41.80	60.60	54.42	925.10	5.87	34.41	60.60
CHIR252R	14	0	37.10	65.40	52.45	734.30	8.83	77.94	65.40
CHISITE1	57	0	33.00	48.50	41.37	2,358.20	3.29	10.84	47.75
CHIW0064	15	0	32.70	57.50	43.61	654.20	6.80	46.19	57.50
CHIW0065	14	0	30.40	42.40	35.97	503.60	2.58	6.68	42.40
CHIW0066	16	0	28.20	39.50	33.98	543.60	2.82	7.93	39.50
CHIW0067	37	0	5.50	23.50	12.65	468.00	4.75	22.59	23.20
CHIW0068	16	0	28.70	43.90	39.03	624.40	4.55	20.70	43.90
CHIW0078	20	0	31.80	69.20	57.51	1,150.20	12.35	152.58	69.10
CHIW0082	19	0	25.70	42.00	31.34	595.50	4.81	23.14	42.00
CHIW0083	16	0	29.20	52.70	41.36	661.80	6.19	38.34	52.70
CHIW0084	14	0	22.70	51.70	37.94	531.10	8.83	77.95	51.70
CHIW0089	16	0	35.50	46.80	43.64	698.20	2.76	7.63	46.80
CHIW0094	34	0	0.00	4.90	0.61	20.60	0.90	0.82	3.50
CHIW0097	34	0	0.00	21.30	1.18	40.20	3.57	12.73	12.35
CHIW0098	16	0	15.50	62.00	37.75	604.00	12.04	144.87	62.00
CHIW0099	16	0	35.50	61.70	51.09	817.50	6.23	38.84	61.70
CHIW0100	22	0	27.20	65.90	50.28	1,106.10	12.18	148.41	65.60
CHIW0101	16	0	27.40	51.10	39.15	626.40	6.87	47.24	51.10
CHIW0102	39	0	0.00	1.50	0.43	16.90	0.40	0.16	1.20
CHIW0103	24	0	0.10	45.50	22.92	550.10	13.65	186.20	45.50
CHIW0104	30	0	0.00	2.40	0.91	27.40	0.71	0.50	2.35
CHIW0105	24	0	13.50	65.50	35.89	861.40	19.04	362.56	64.65
CHIW0106	26	0	0.30	28.50	9.38	243.90	10.77	115.99	28.35
CHIW0107	25	0	0.10	29.30	2.35	58.80	5.84	34.05	18.95
CHIW0108	25	0	0.00	21.00	3.13	78.30	5.38	28.93	20.25
CHIW0109	25	0	0.10	33.30	5.72	142.90	8.15	66.40	31.40

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0110	15	0	53.60	69.00	60.13	902.00	3.55	12.63	69.00
CHIW0111	28	0	1.80	28.60	6.54	183.20	6.02	36.26	23.50
CHIW0112	15	0	35.60	60.00	47.37	710.60	5.23	27.32	60.00
CHIW0113	20	0	0.80	3.70	2.03	40.50	0.94	0.88	3.65
CHIW0115	16	0	43.00	56.90	49.64	794.30	4.31	18.59	56.90
CHIW0116	26	0	2.60	12.60	8.75	227.40	2.06	4.23	11.90
CHIW0117	32	0	1.30	3.80	2.49	79.70	0.71	0.50	3.70
CHIW0118	16	0	31.80	44.60	36.94	591.00	3.49	12.18	44.60
CHIW0120	14	0	30.20	61.40	46.28	647.90	9.36	87.66	61.40
CHIW0121	15	0	39.40	65.70	51.28	769.20	7.61	57.98	65.70
CHIW0123	18	0	26.70	57.10	39.04	702.80	8.26	68.26	57.10
CHIW0124	17	0	23.40	43.50	32.21	547.50	6.04	36.45	43.50
CHIW0125	20	0	9.40	56.90	33.31	666.20	14.68	215.58	56.35
CHIW0126	17	0	1.70	58.70	25.84	439.30	19.92	396.80	58.70
CHIW0127	15	0	28.60	51.00	38.82	582.30	7.57	57.34	51.00
CHIW0128	19	0	8.30	50.90	26.97	512.50	13.23	174.96	50.90
CHIW1601	15	0	22.10	50.40	37.08	556.20	8.18	66.88	50.40
CHIW1602	25	0	7.40	58.90	28.73	718.20	17.17	294.69	58.40
CHIW1603	8	0	0.10	49.70	9.10	72.80	16.97	288.13	49.70
CHIW1604	17	0	30.00	53.90	40.99	696.80	7.41	54.87	53.90
CHIW1605	16	0	27.40	39.40	35.99	575.90	3.40	11.57	39.40
CHIW1606	16	0	28.90	56.00	41.66	666.50	7.73	59.73	56.00
CHIW1608	15	0	30.70	43.00	38.39	575.80	3.52	12.38	43.00
CHIW1609	20	0	33.00	64.30	51.15	1,023.00	10.42	108.60	63.95
CHIW1610	15	0	25.40	51.70	39.97	599.60	7.39	54.56	51.70
CHIW1611	16	0	33.30	43.60	38.73	619.60	2.49	6.19	43.60
CHIW1612	24	0	3.50	59.00	24.64	591.40	15.78	249.07	57.20
GW44	14	0	30.00	39.20	34.04	476.50	2.11	4.44	39.20
GW48	16	0	28.40	59.60	38.71	619.30	9.21	84.79	59.60

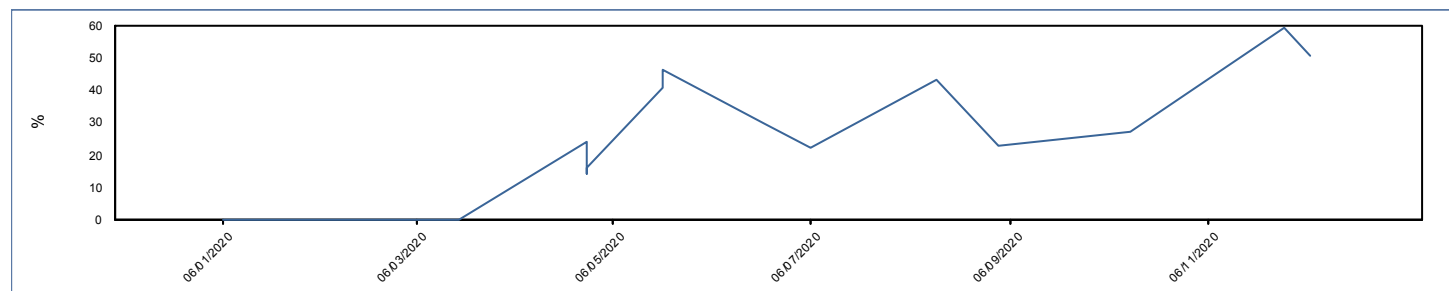
Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
GW56	17	0	21.90	60.60	34.42	585.10	11.87	140.91	60.60
GW57	30	0	0.00	0.90	0.43	12.80	0.33	0.11	0.90
GW88	16	0	35.80	48.30	40.55	648.80	3.93	15.43	48.30
LC005A	29	0	0.10	67.00	23.75	688.70	21.84	477.10	66.20
LC01B	24	0	1.80	70.80	13.80	331.30	16.32	266.42	61.15
LM04B	28	0	0.10	57.30	31.42	879.80	24.11	581.35	57.05
LM07B	25	0	0.20	74.60	50.19	1,254.70	20.22	408.70	74.30
PBLFGXGW01	15	0	42.40	62.40	52.67	790.00	4.99	24.93	62.40
PBLFGXGW03	19	0	27.90	67.10	51.09	970.70	11.34	128.51	67.10
PBLFGXGW07	17	0	6.70	61.80	46.39	788.70	14.66	214.88	61.80
PBLFGXGW18	15	0	26.80	49.80	39.59	593.80	6.91	47.71	49.80
PBLFGXGW28	29	0	0.00	16.10	2.05	59.50	4.25	18.04	15.30
PBLFGXGW29	28	0	0.10	58.70	10.31	288.80	16.38	268.38	53.05
PBLFGXGW30	16	0	32.10	47.20	40.08	641.30	4.23	17.92	47.20
PYBFLARE	19	0	0.10	47.80	33.73	640.80	16.94	287.02	47.80
Total	1,884	0	0.00	75.00	28.89	54,433.40	21.24	451.25	61.00

Data from: 1 Jan 2020 to: 31 Dec 2020

CHILMP01

Number of readings 14 Number of breaches 0



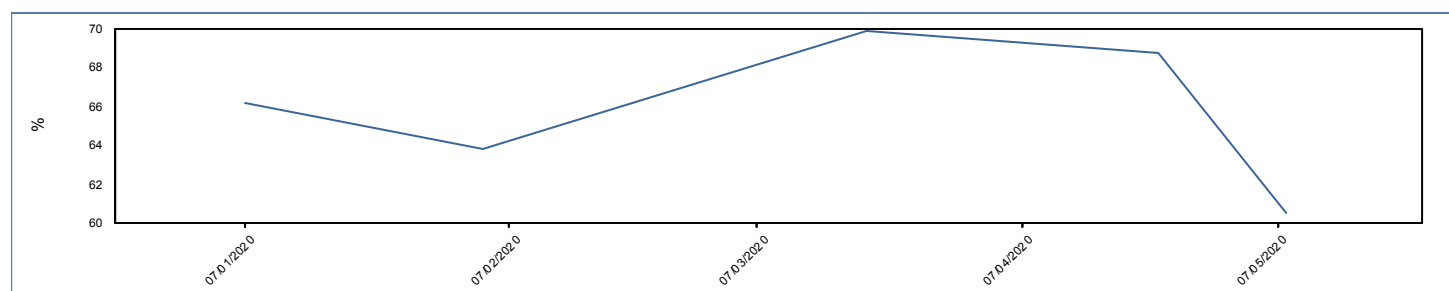
CHILRS1

Number of readings 1 Number of breaches 0



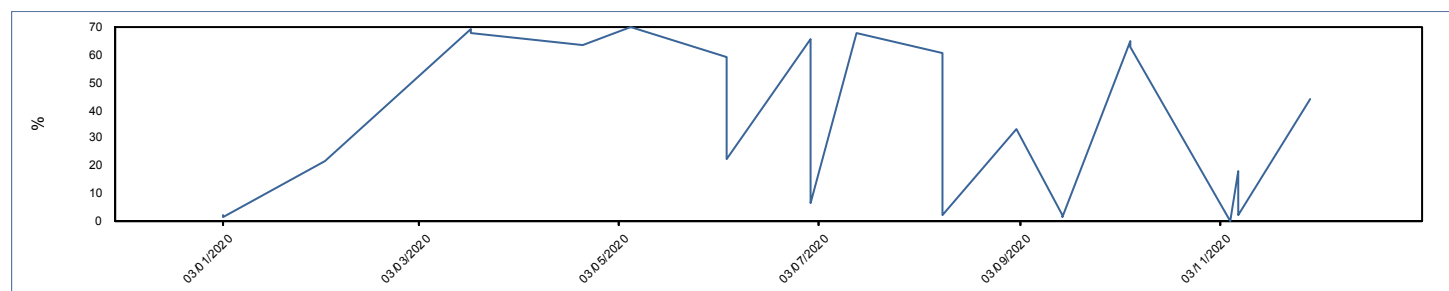
CHILRS2

Number of readings 5 Number of breaches 0



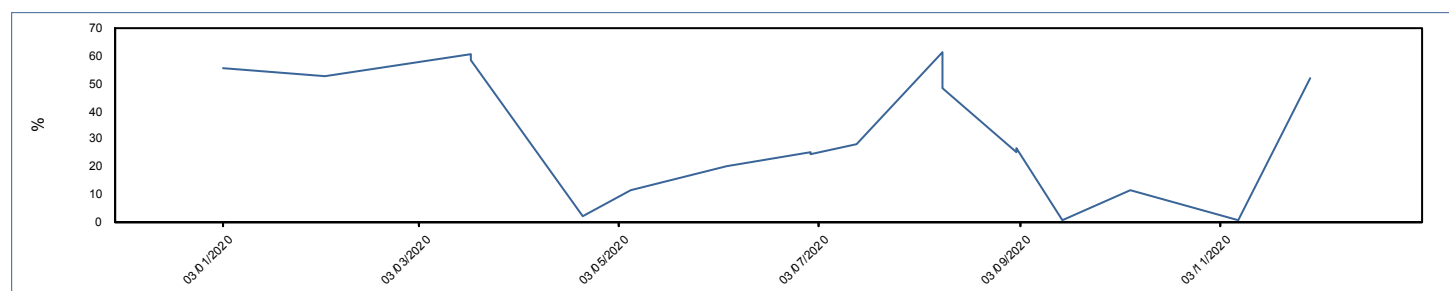
CHILW06R

Number of readings 28 Number of breaches 0



CHILW4AR

Number of readings 27 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

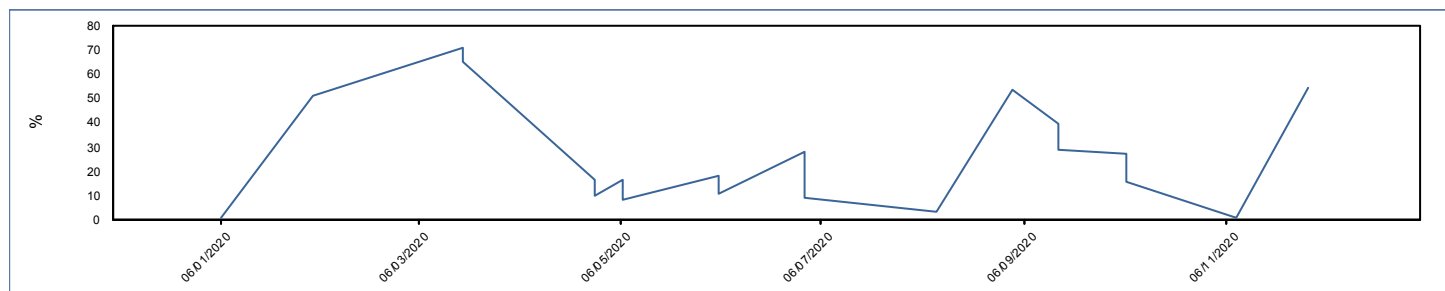
CHILW5BR

Number of readings

29

Number of breaches

0



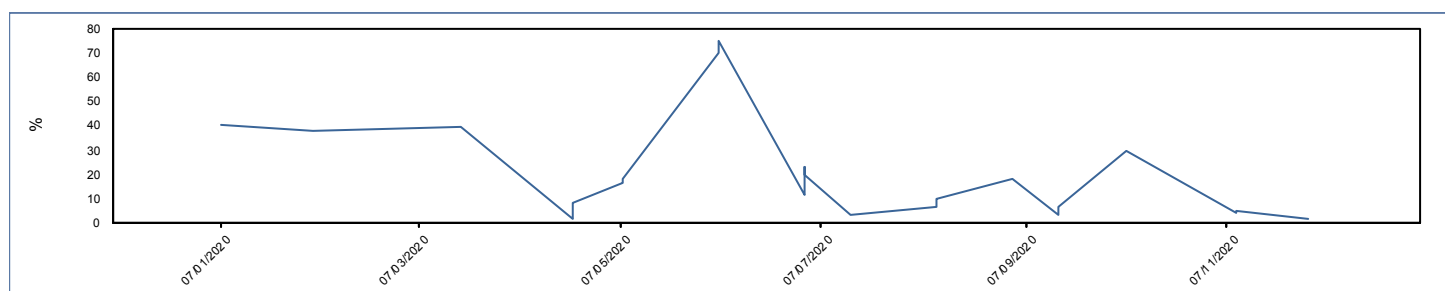
CHIP0111

Number of readings

30

Number of breaches

0



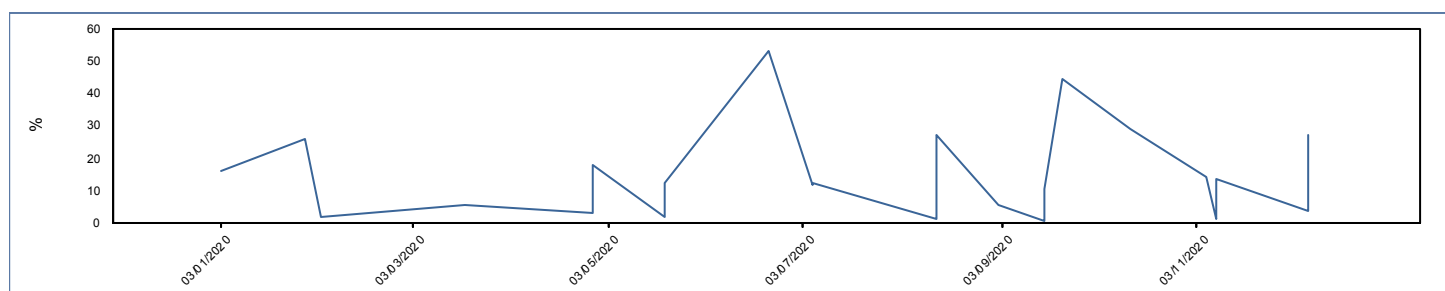
CHIR0010

Number of readings

30

Number of breaches

0



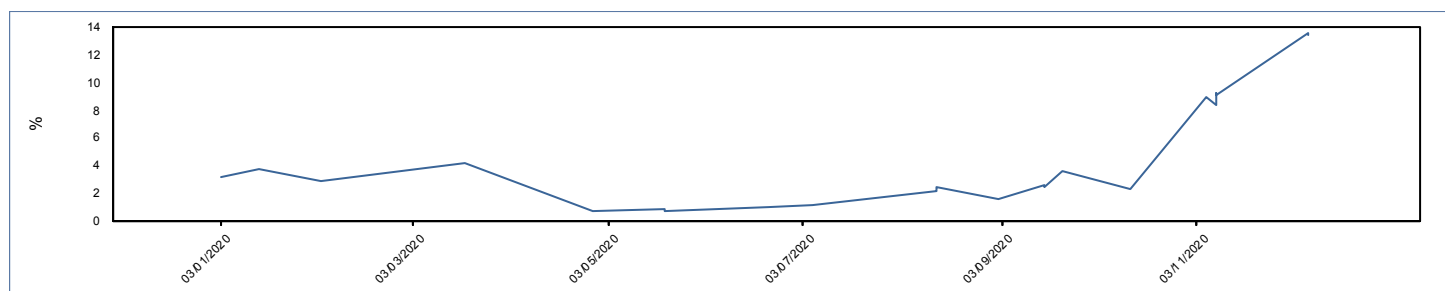
CHIR0037

Number of readings

31

Number of breaches

0



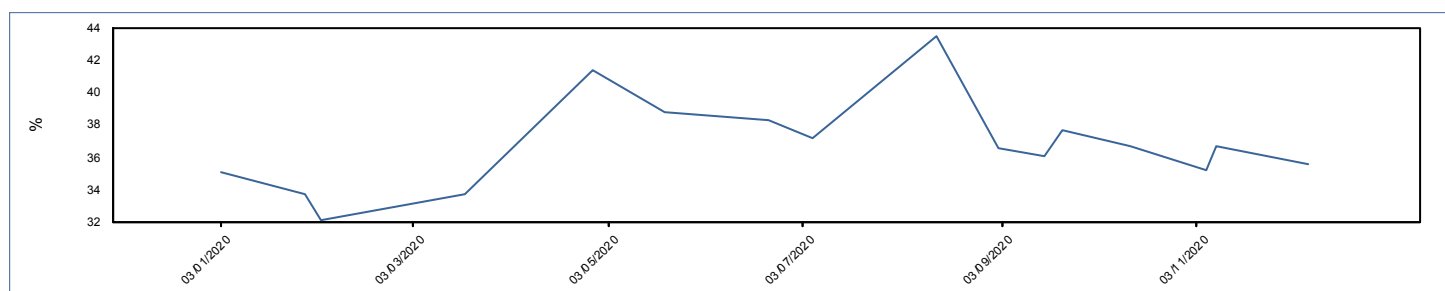
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

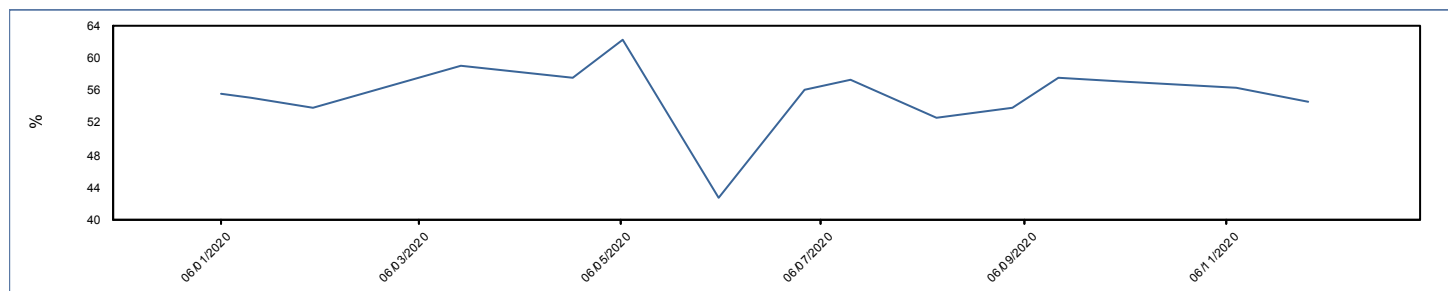
CHIR0043

Number of readings

15

Number of breaches

0



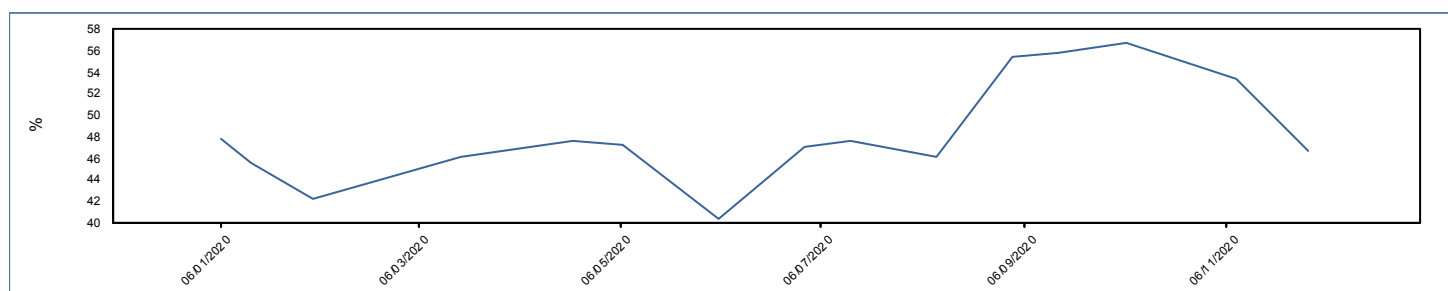
CHIR0055

Number of readings

15

Number of breaches

0



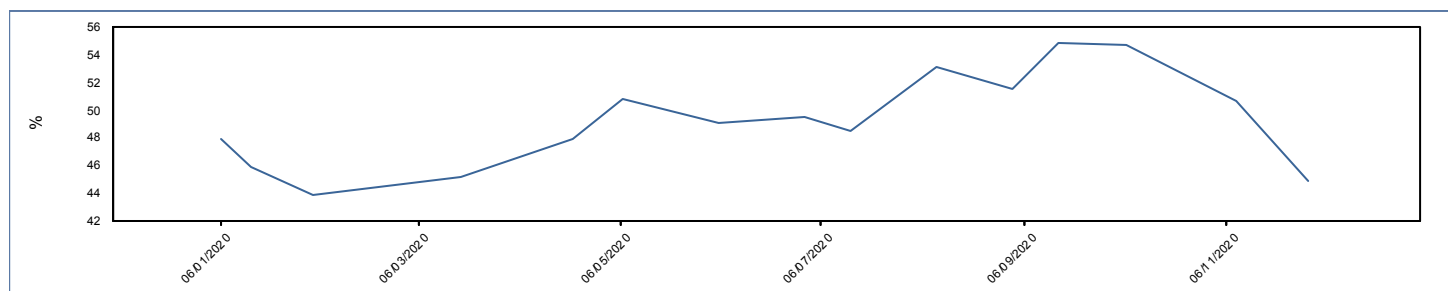
CHIR0069

Number of readings

15

Number of breaches

0



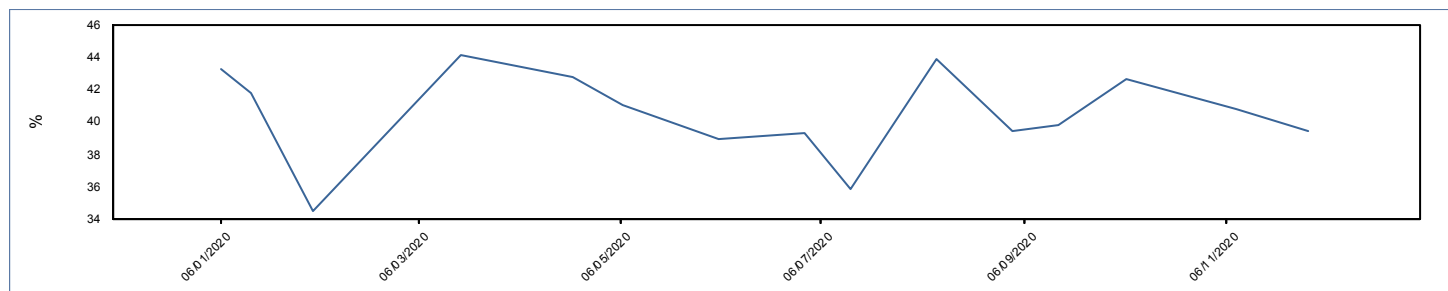
CHIR0070

Number of readings

15

Number of breaches

0



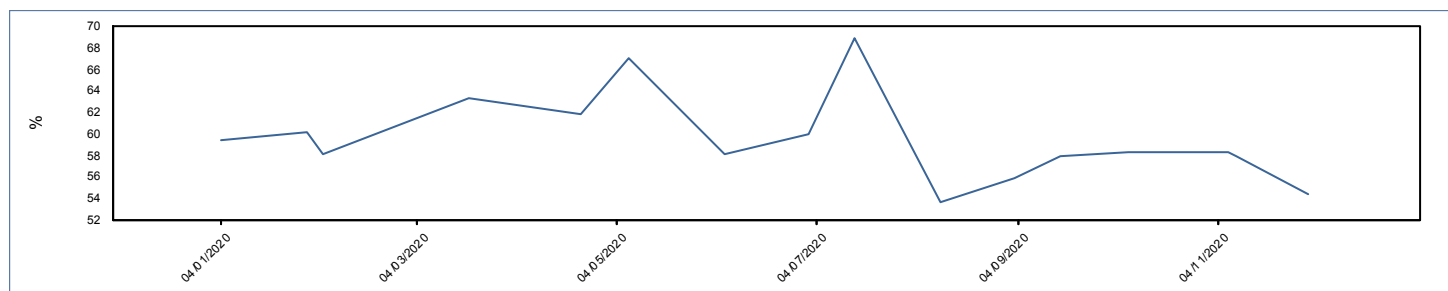
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

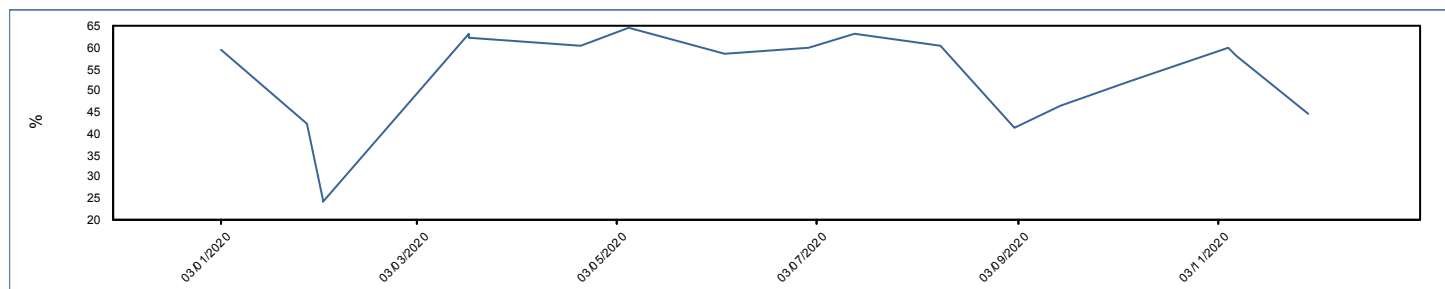
CHIR0073

Number of readings

18

Number of breaches

0



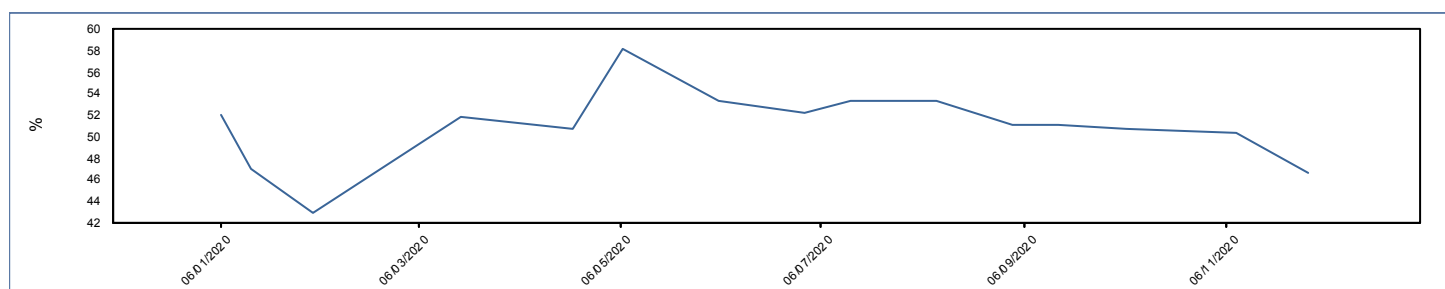
CHIR0074

Number of readings

15

Number of breaches

0



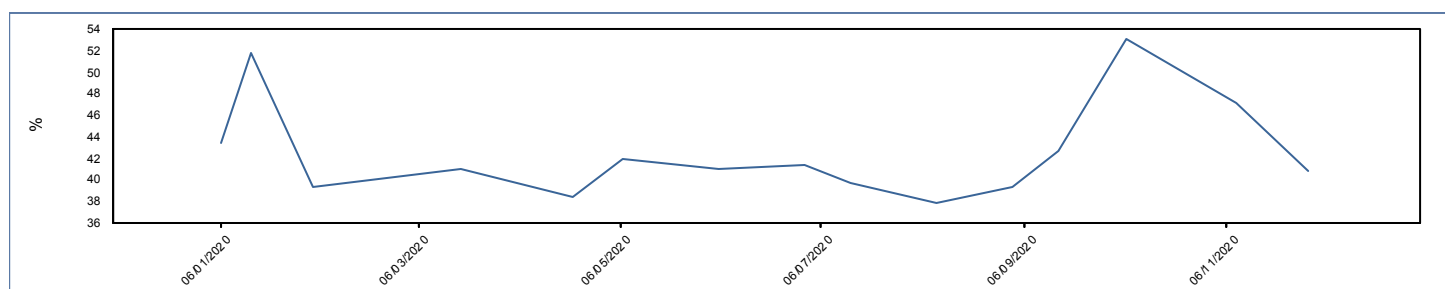
CHIR0079

Number of readings

15

Number of breaches

0



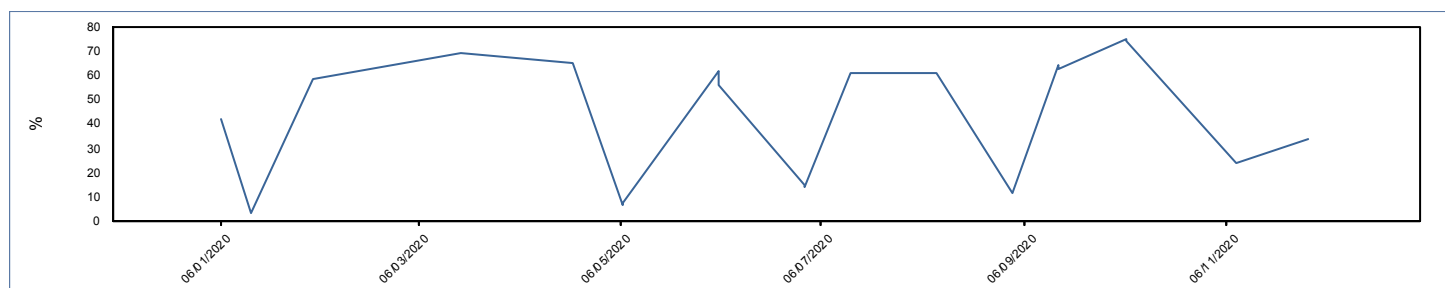
CHIR0080

Number of readings

23

Number of breaches

0



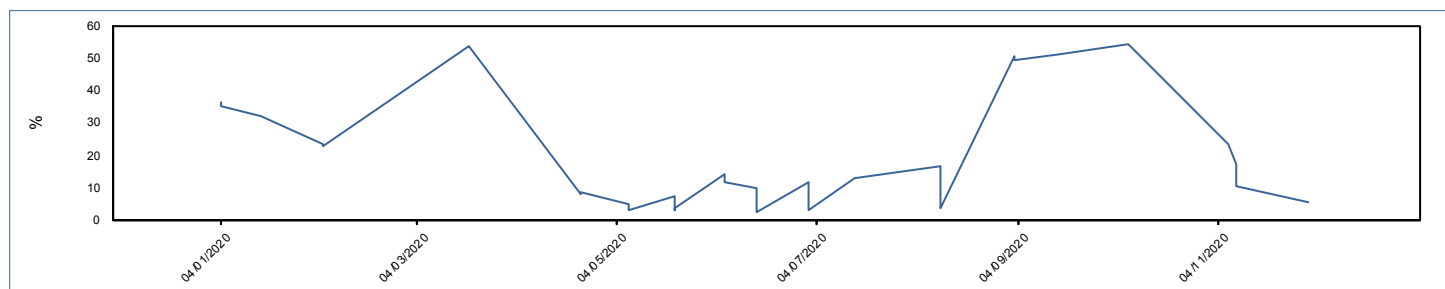
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

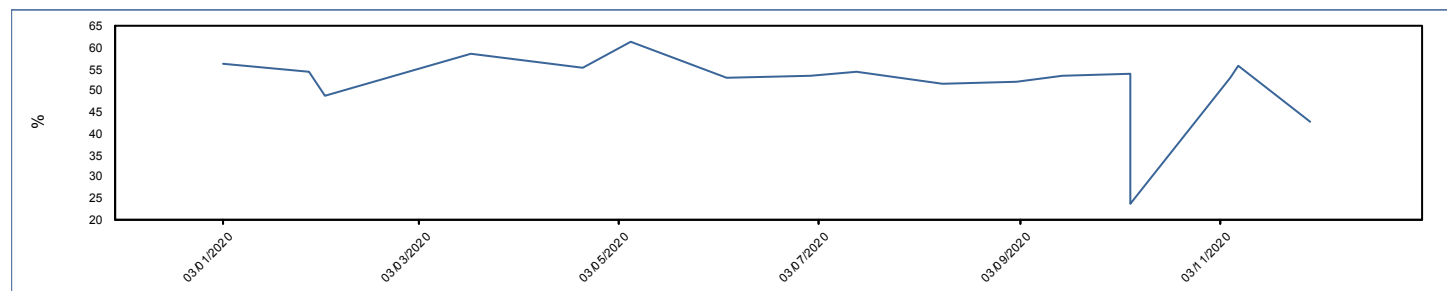
CHIR0091

Number of readings

17

Number of breaches

0



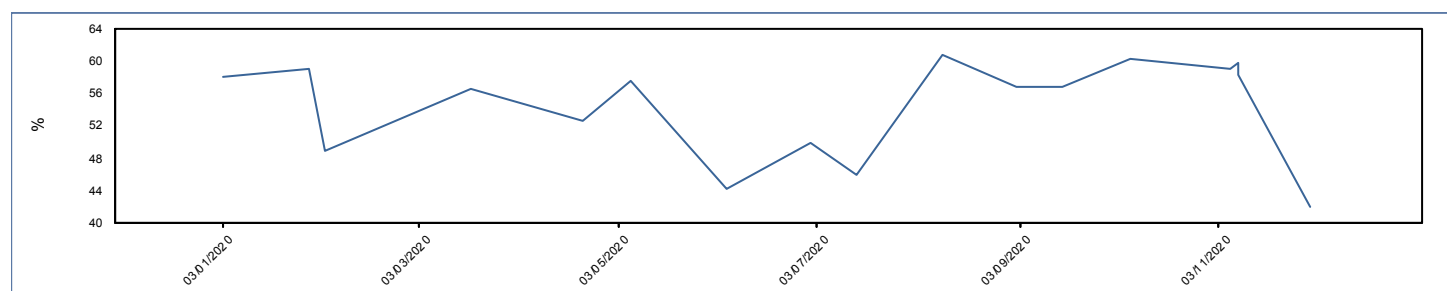
CHIR0093

Number of readings

17

Number of breaches

0



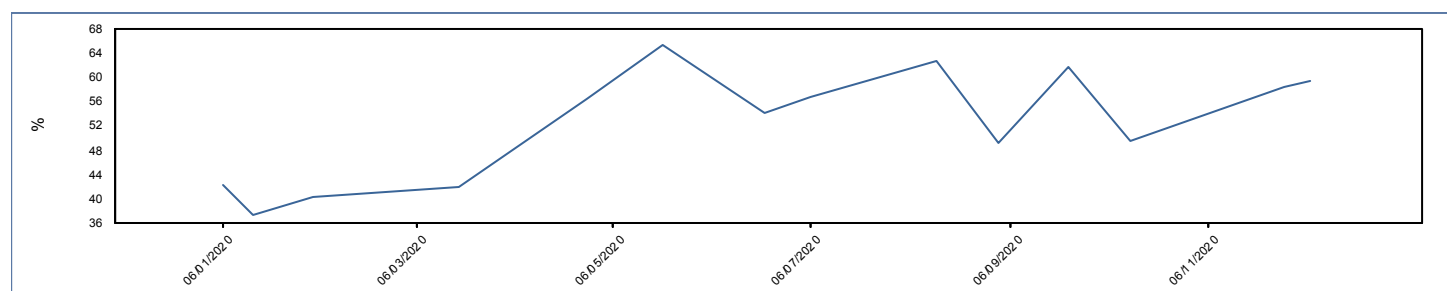
CHIR252R

Number of readings

14

Number of breaches

0



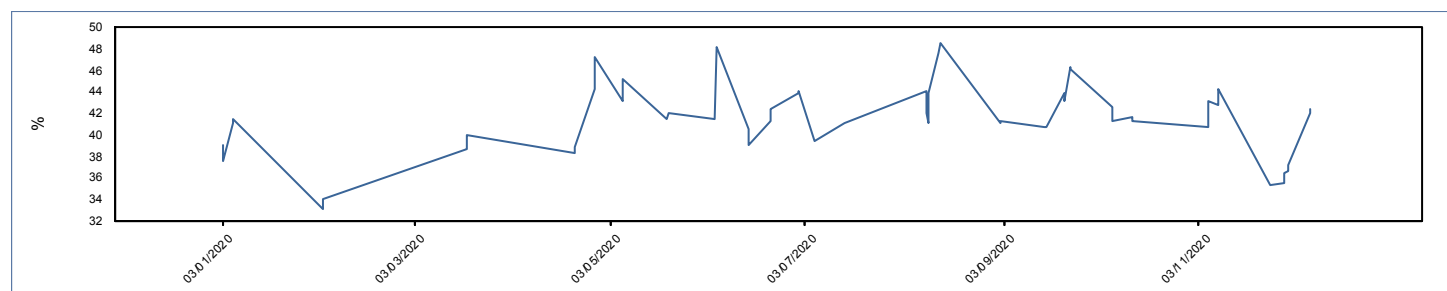
CHISITE1

Number of readings

57

Number of breaches

0



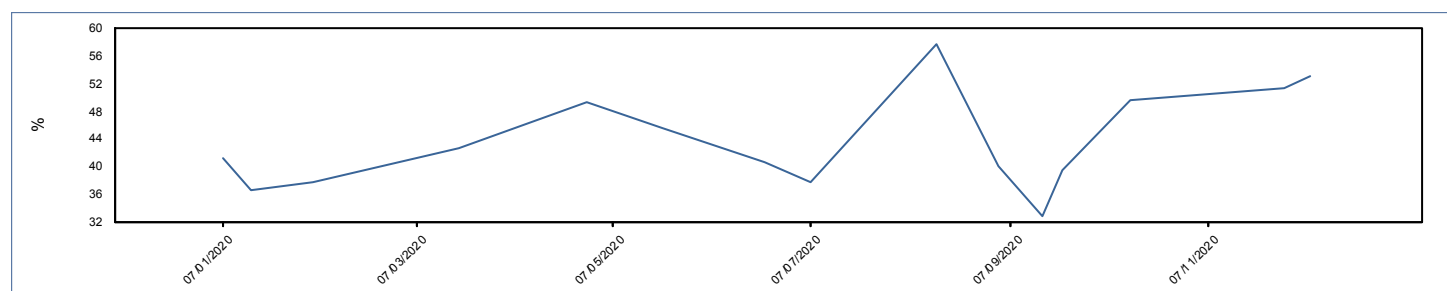
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

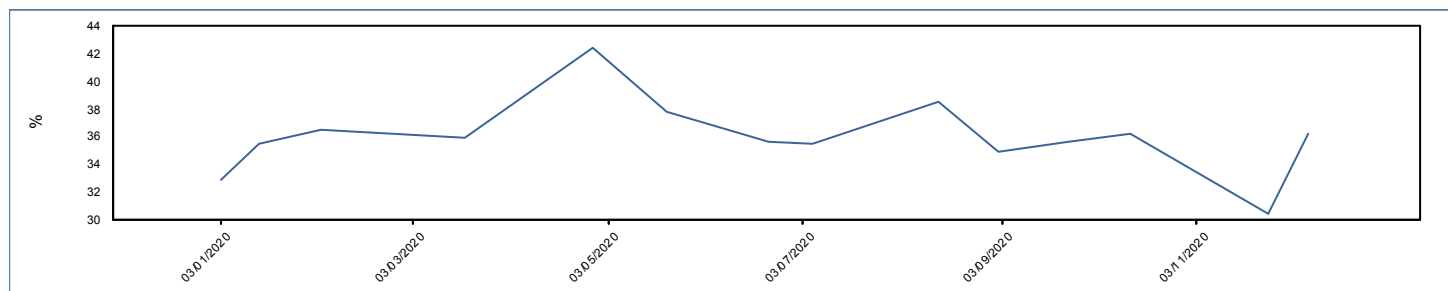
CHI0065

Number of readings

14

Number of breaches

0



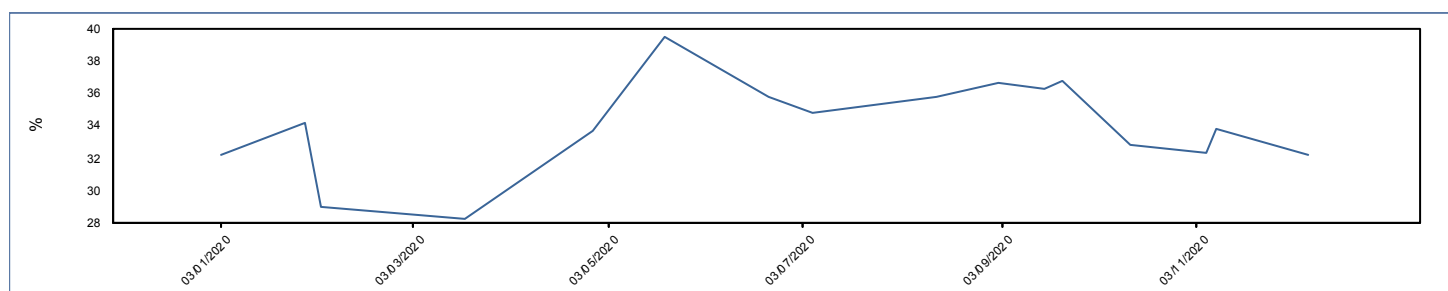
CHI0066

Number of readings

16

Number of breaches

0



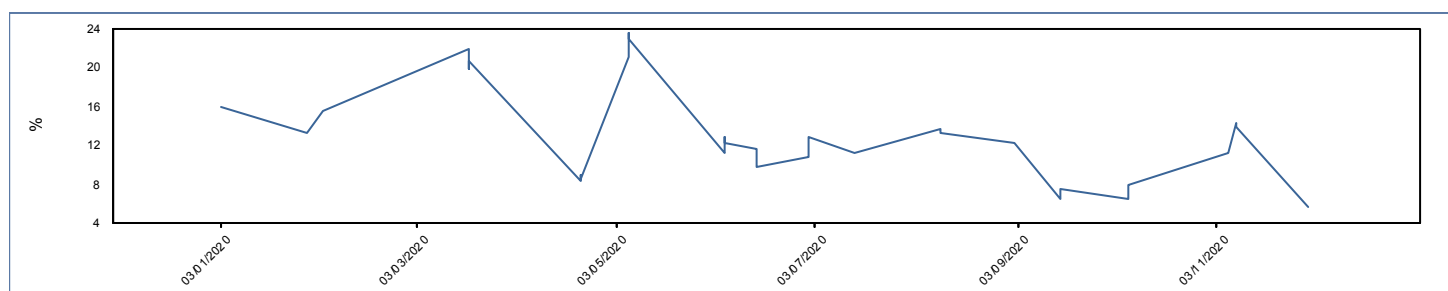
CHI0067

Number of readings

37

Number of breaches

0



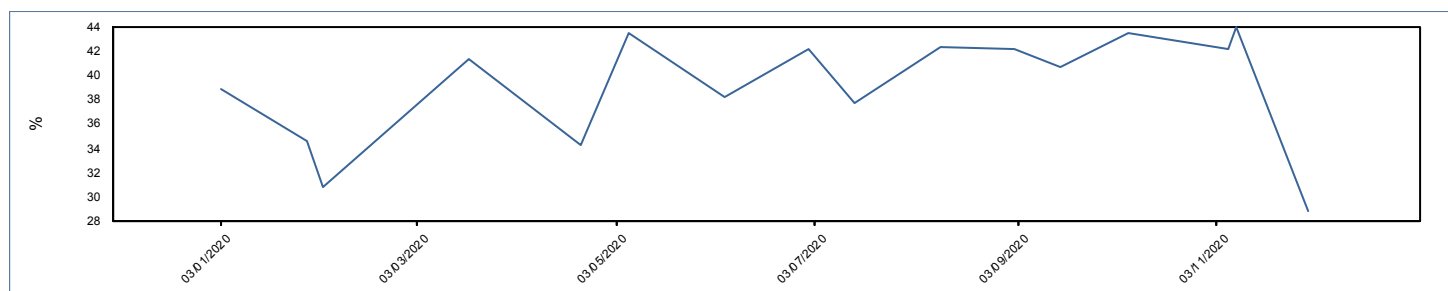
CHI0068

Number of readings

16

Number of breaches

0



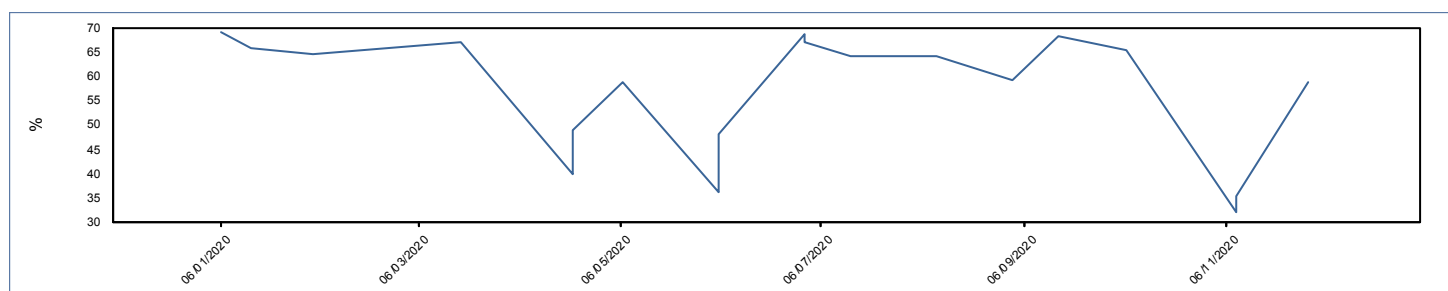
CHI0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

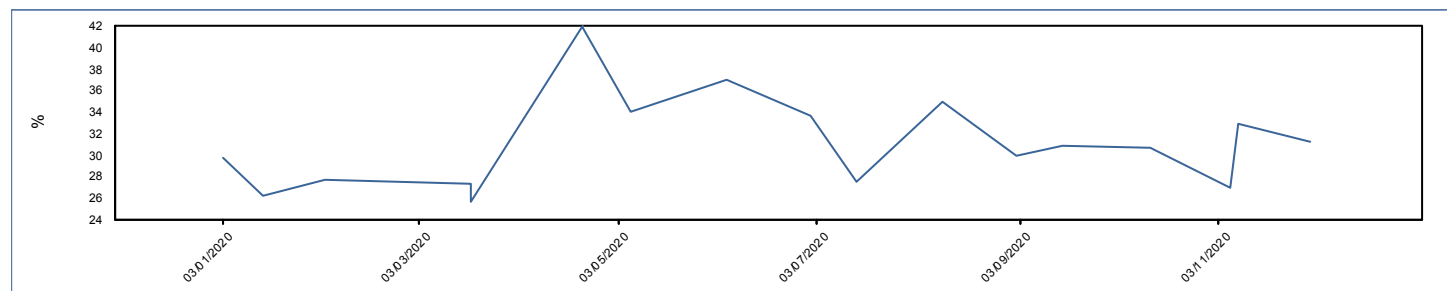
CHI0082

Number of readings

19

Number of breaches

0



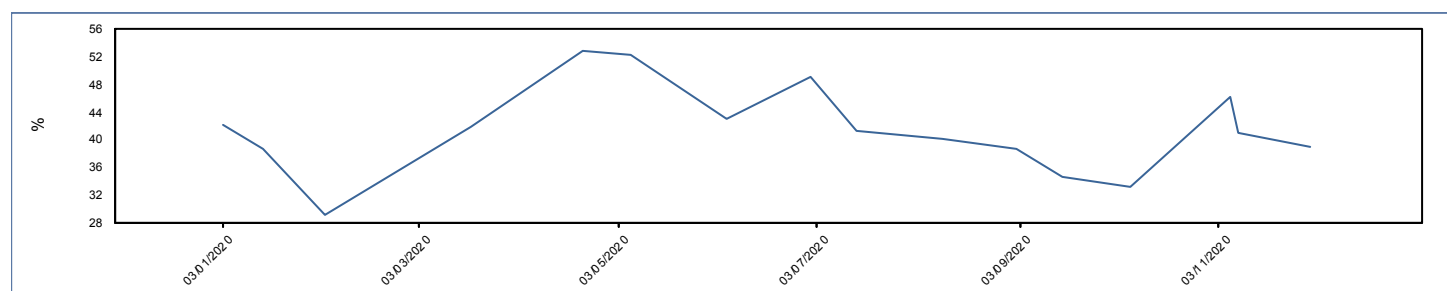
CHI0083

Number of readings

16

Number of breaches

0



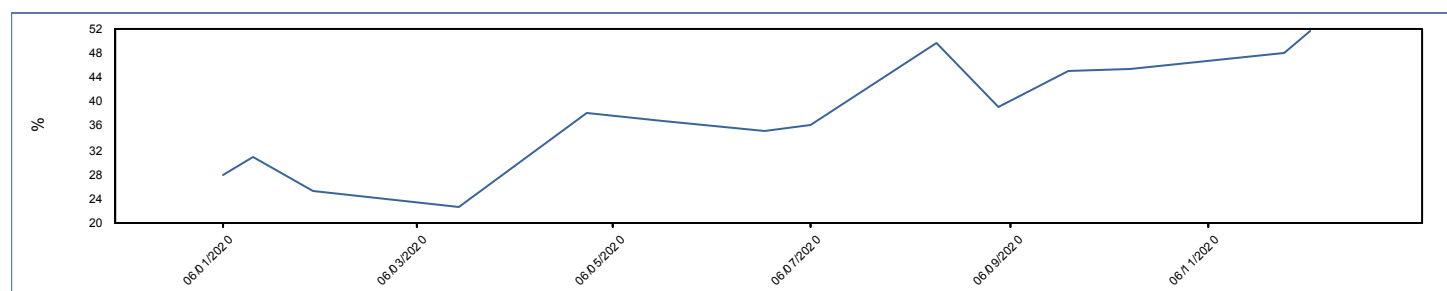
CHI0084

Number of readings

14

Number of breaches

0



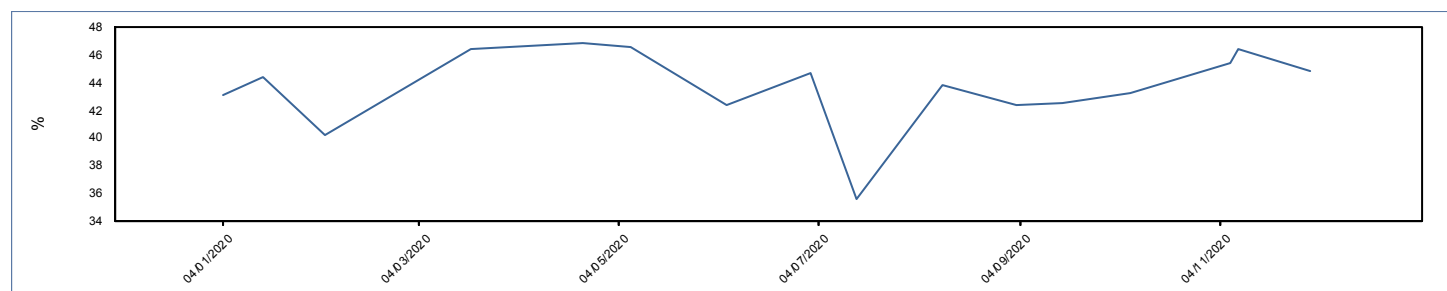
CHI0089

Number of readings

16

Number of breaches

0



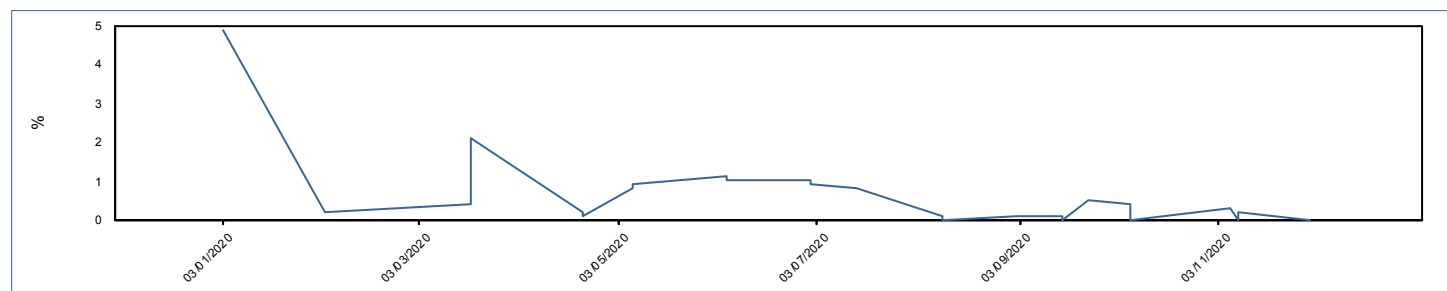
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

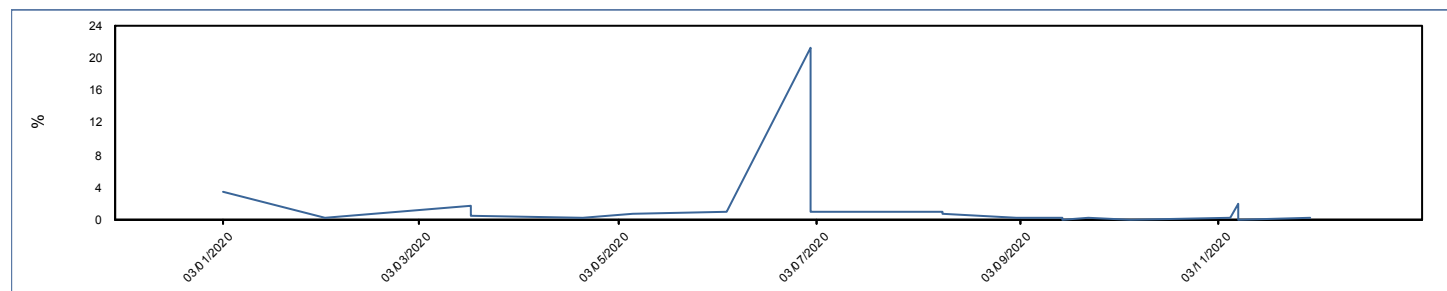
CHI0097

Number of readings

34

Number of breaches

0



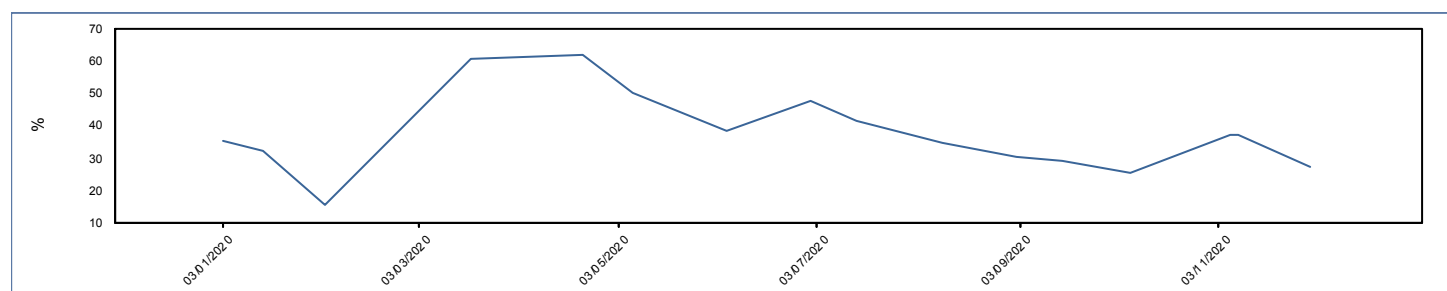
CHI0098

Number of readings

16

Number of breaches

0



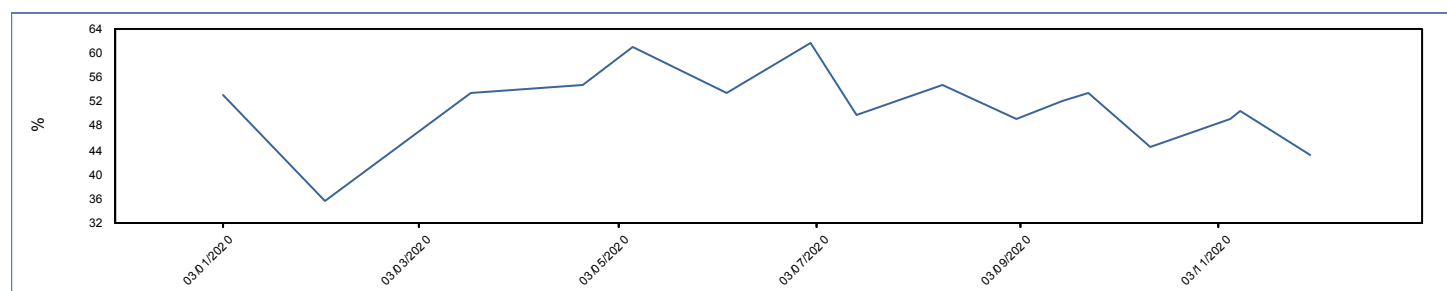
CHI0099

Number of readings

16

Number of breaches

0



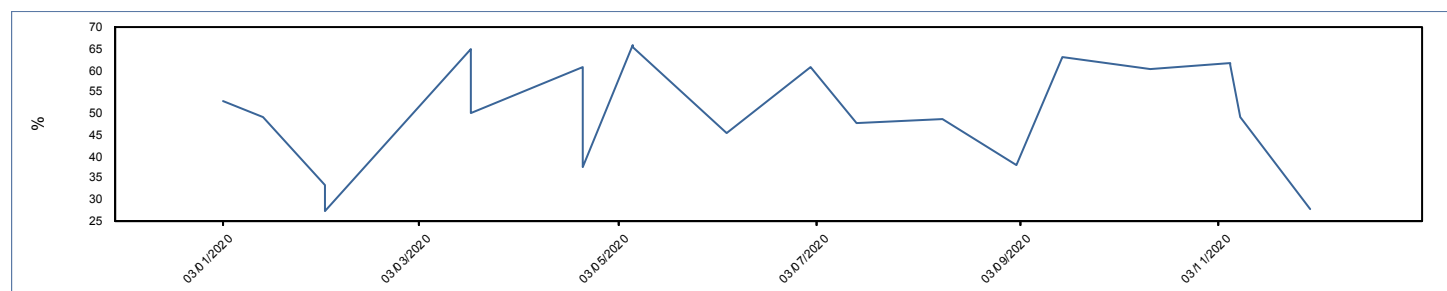
CHI0100

Number of readings

22

Number of breaches

0



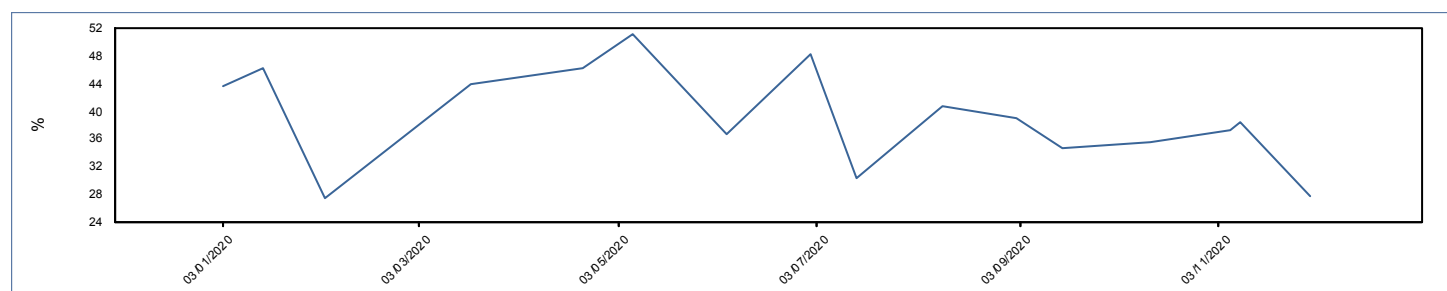
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

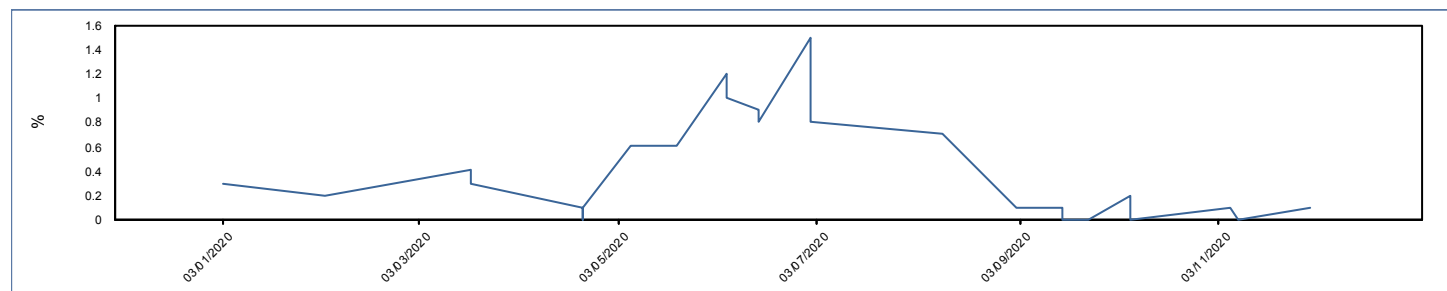
CHI0102

Number of readings

39

Number of breaches

0



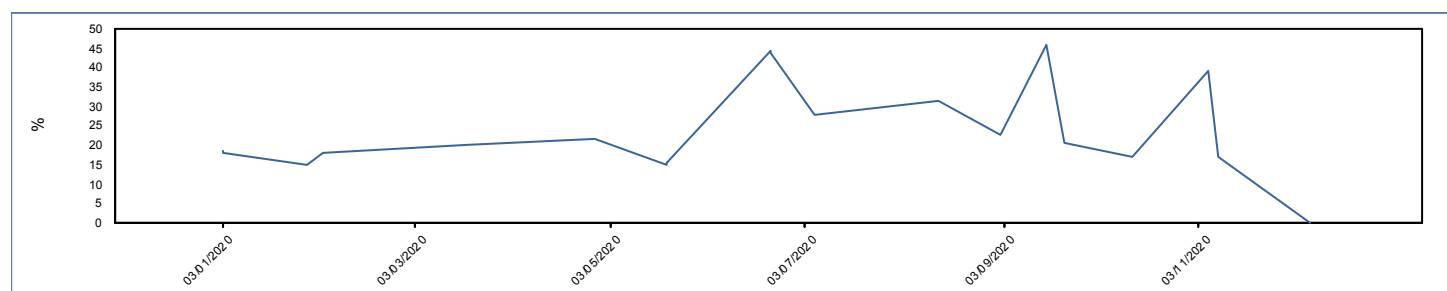
CHI0103

Number of readings

24

Number of breaches

0



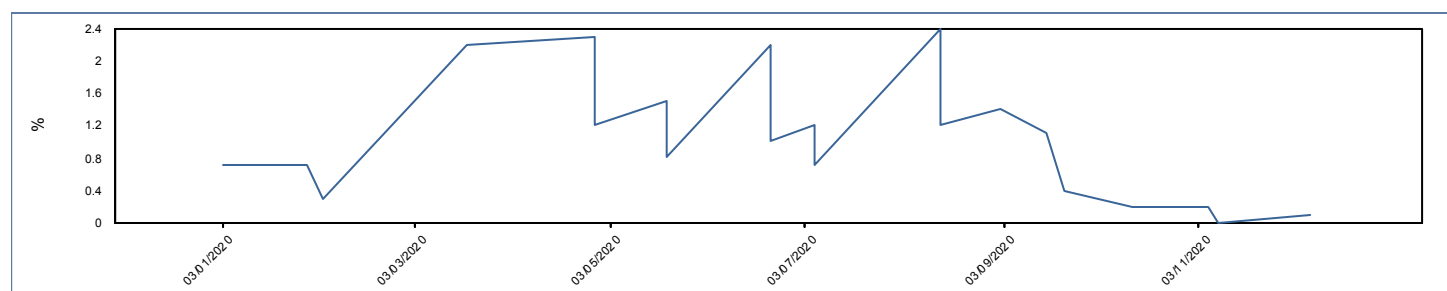
CHI0104

Number of readings

30

Number of breaches

0



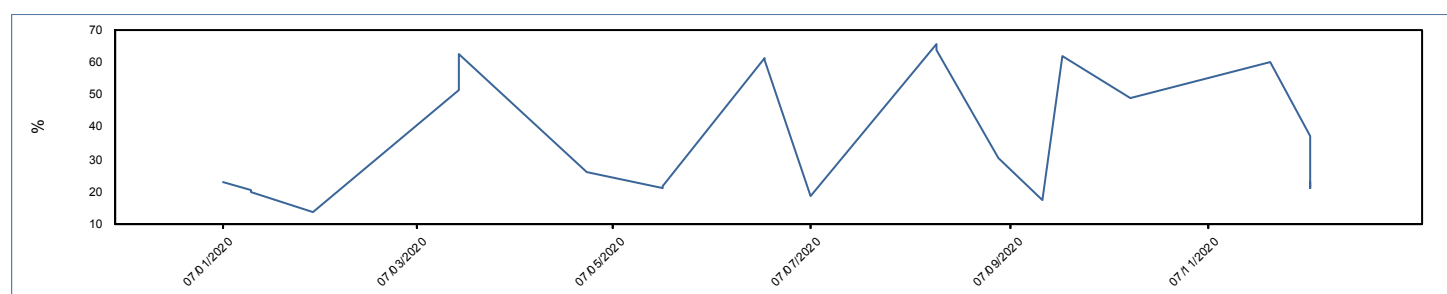
CHI0105

Number of readings

24

Number of breaches

0



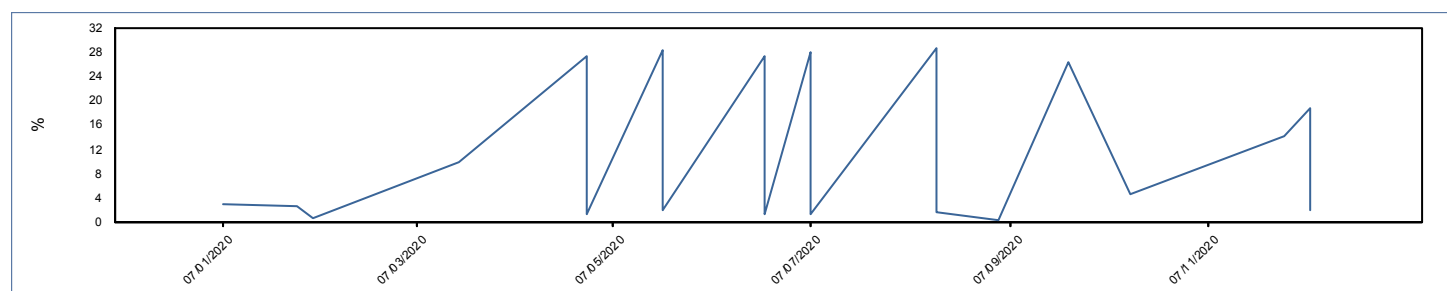
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

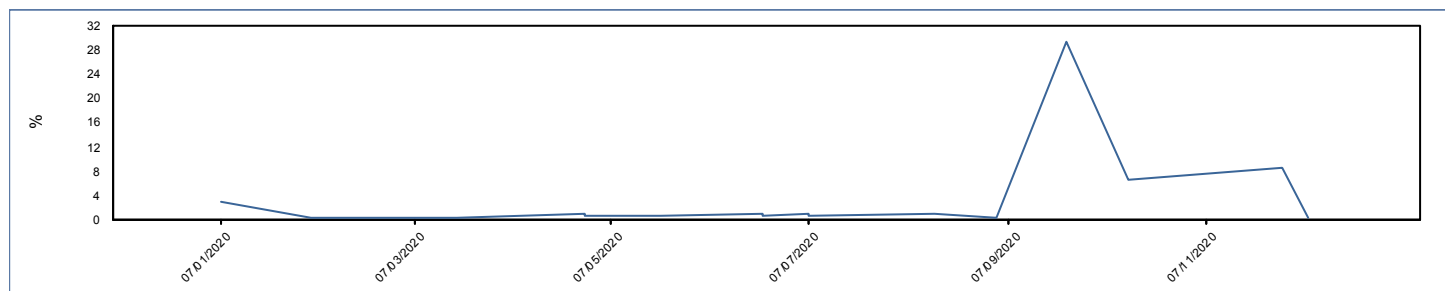
CHI0107

Number of readings

25

Number of breaches

0



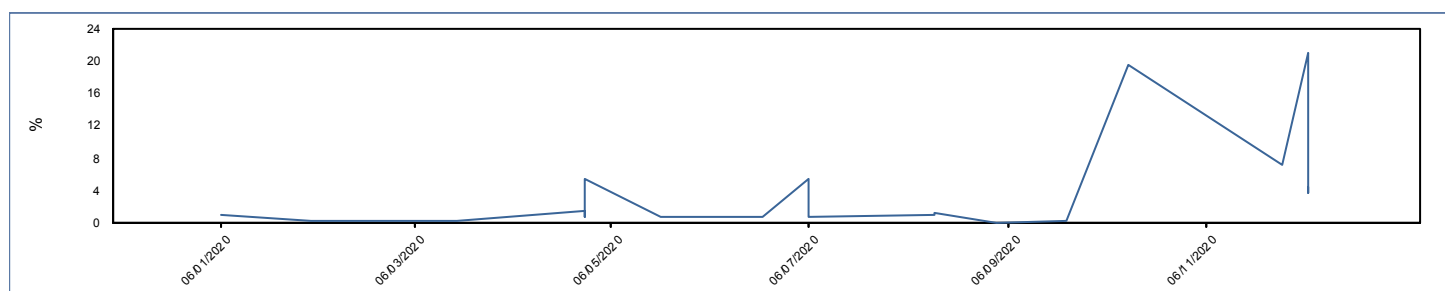
CHI0108

Number of readings

25

Number of breaches

0



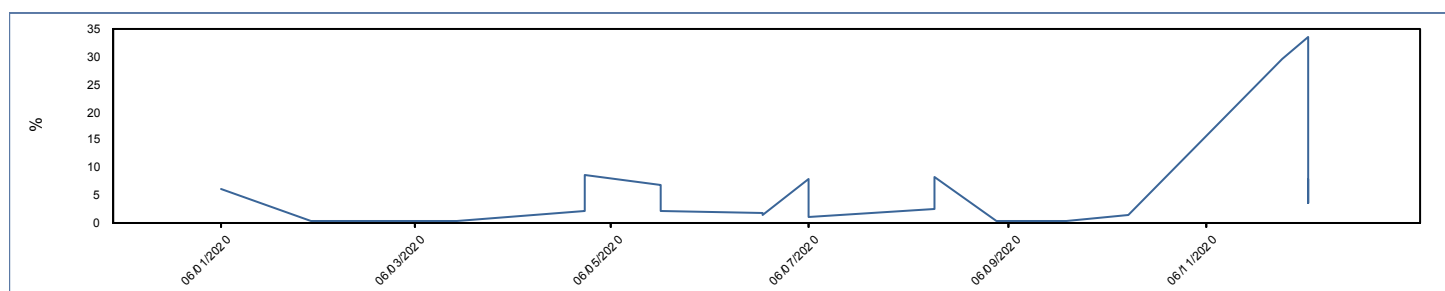
CHI0109

Number of readings

25

Number of breaches

0



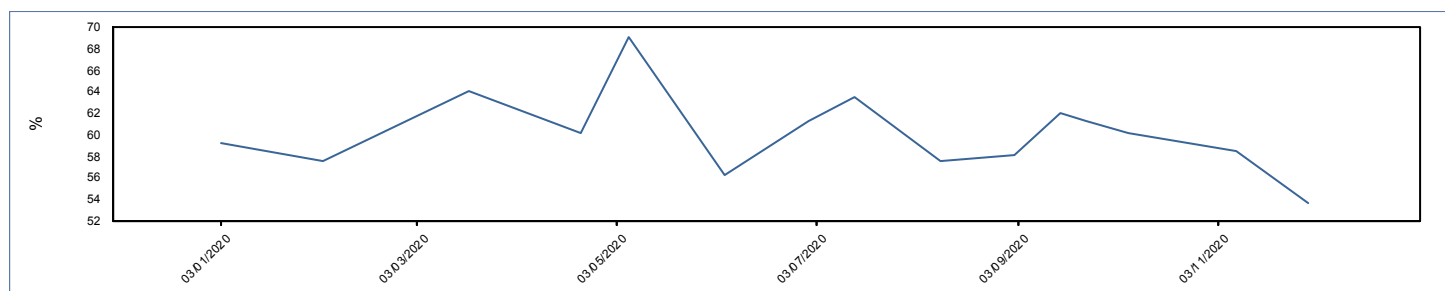
CHI0110

Number of readings

15

Number of breaches

0



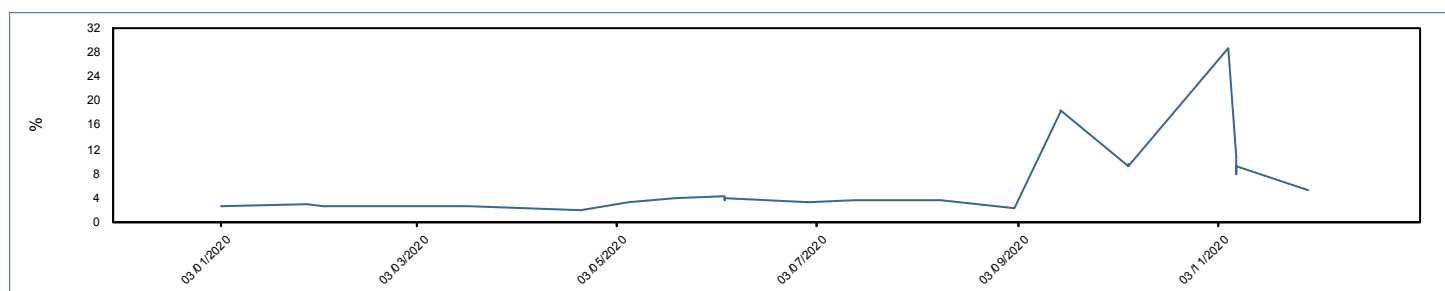
CHI0111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

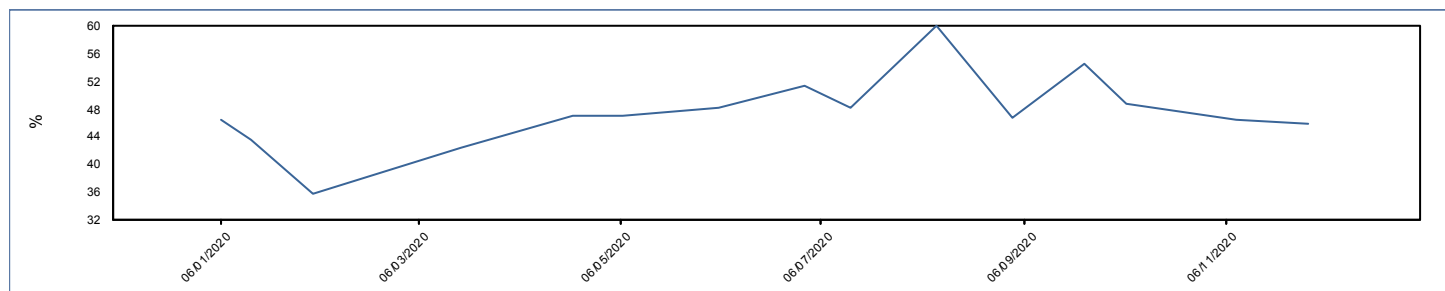
CHI0112

Number of readings

15

Number of breaches

0



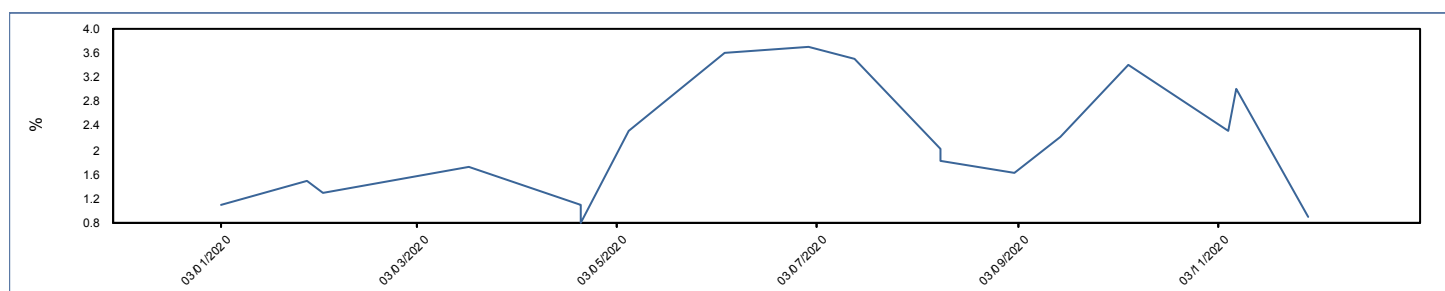
CHI0113

Number of readings

20

Number of breaches

0



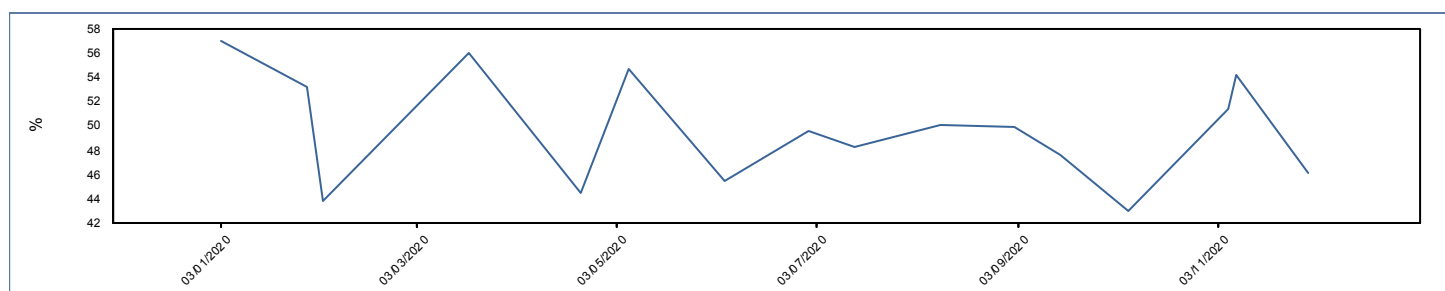
CHI0115

Number of readings

16

Number of breaches

0



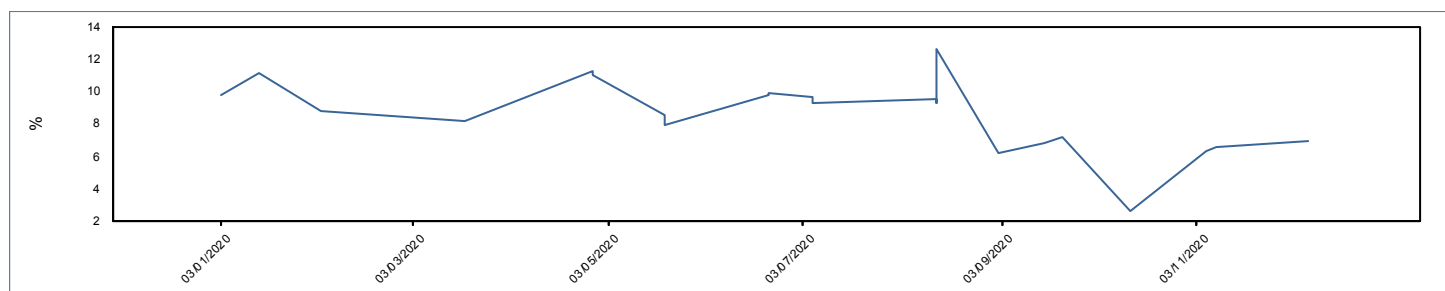
CHI0116

Number of readings

26

Number of breaches

0



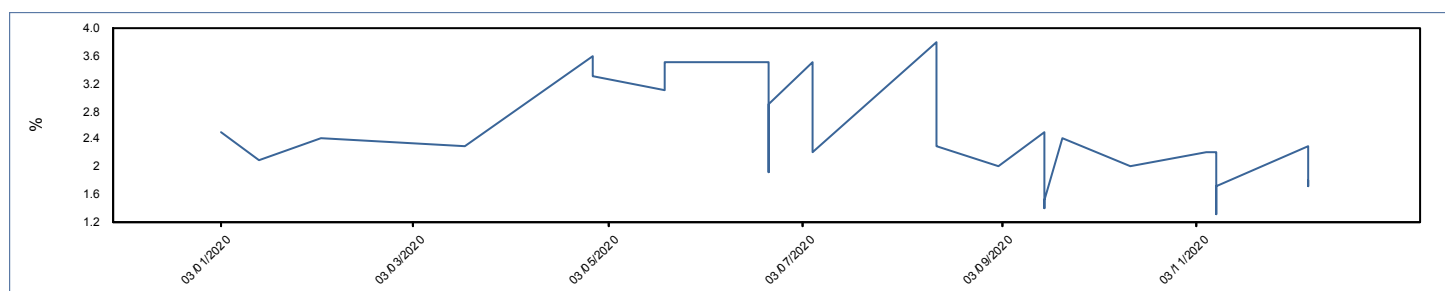
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

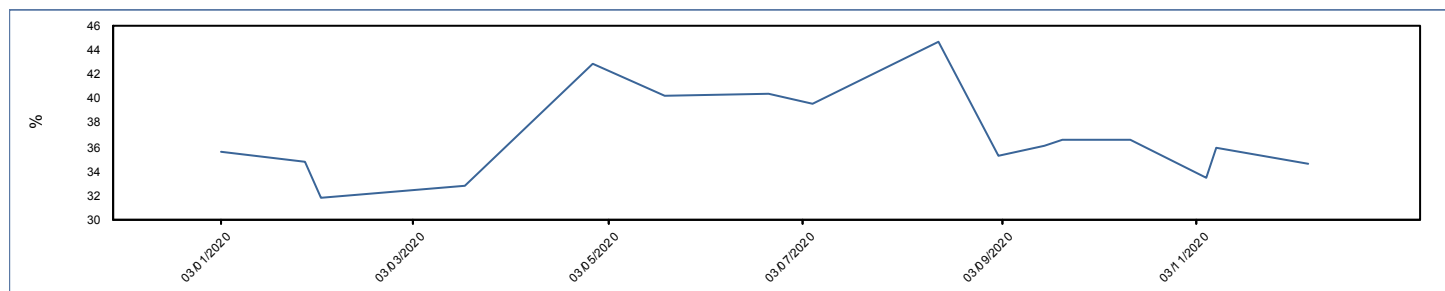
CHI0118

Number of readings

16

Number of breaches

0



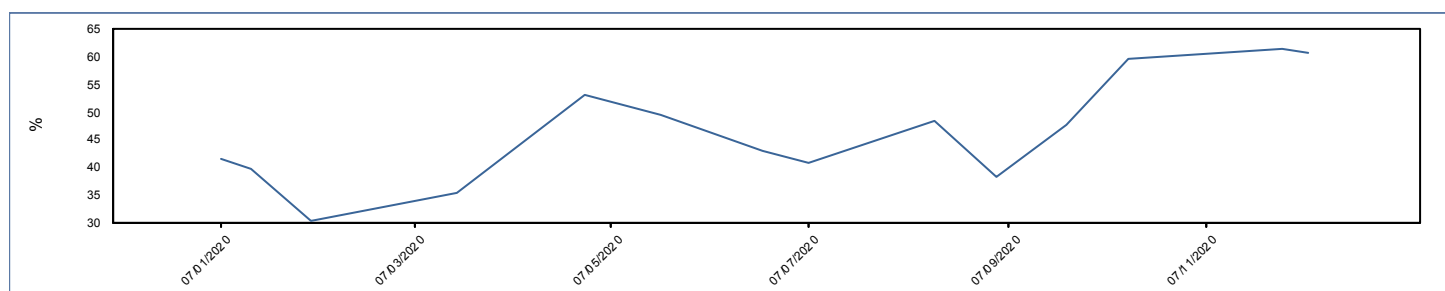
CHI0120

Number of readings

14

Number of breaches

0



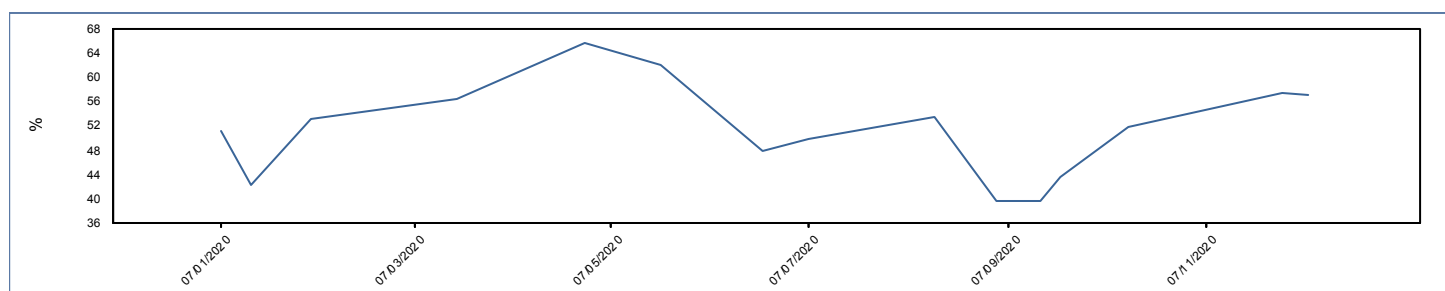
CHI0121

Number of readings

15

Number of breaches

0



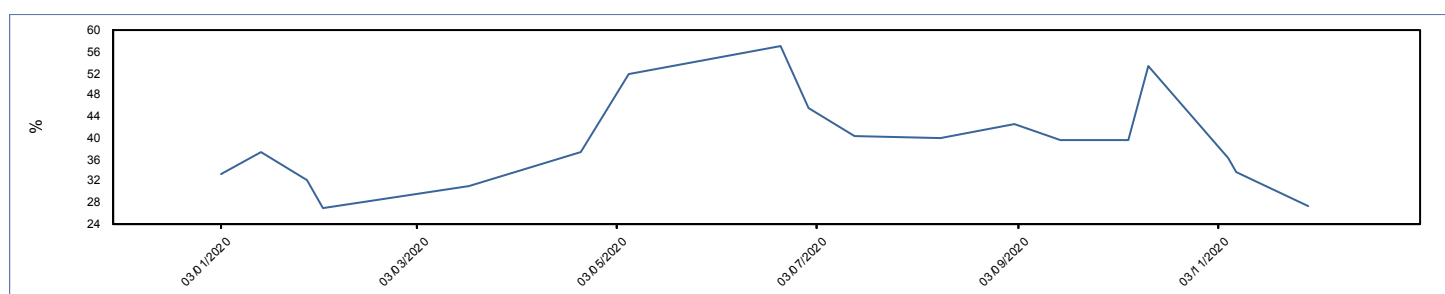
CHI0123

Number of readings

18

Number of breaches

0



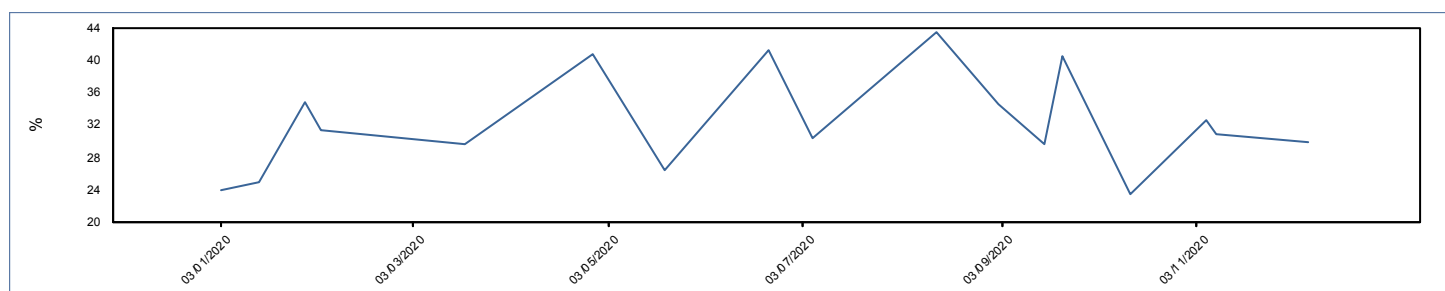
CHI0124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

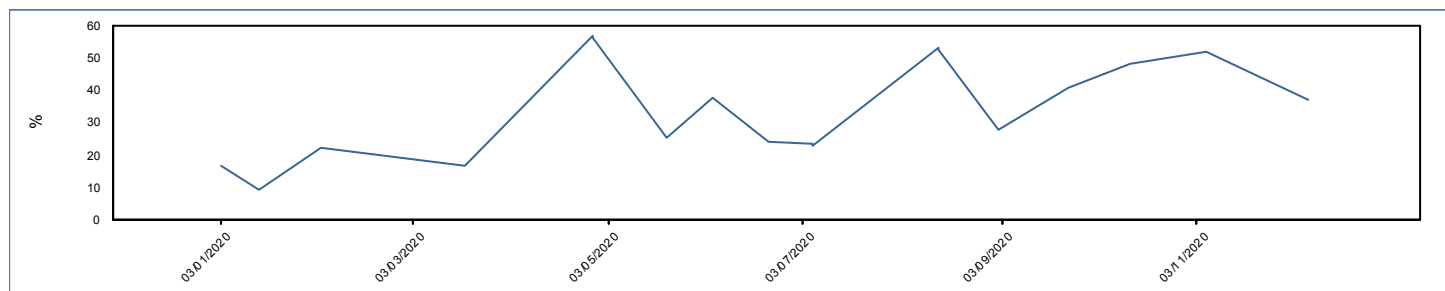
CHI0125

Number of readings

20

Number of breaches

0



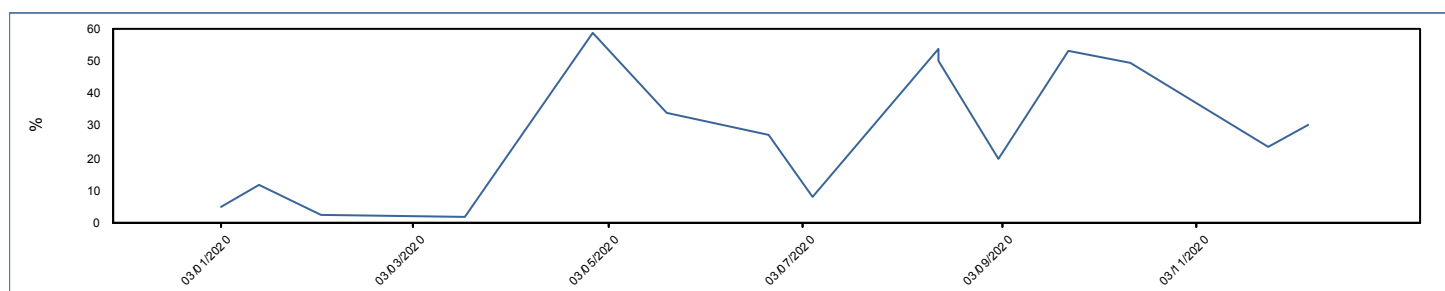
CHI0126

Number of readings

17

Number of breaches

0



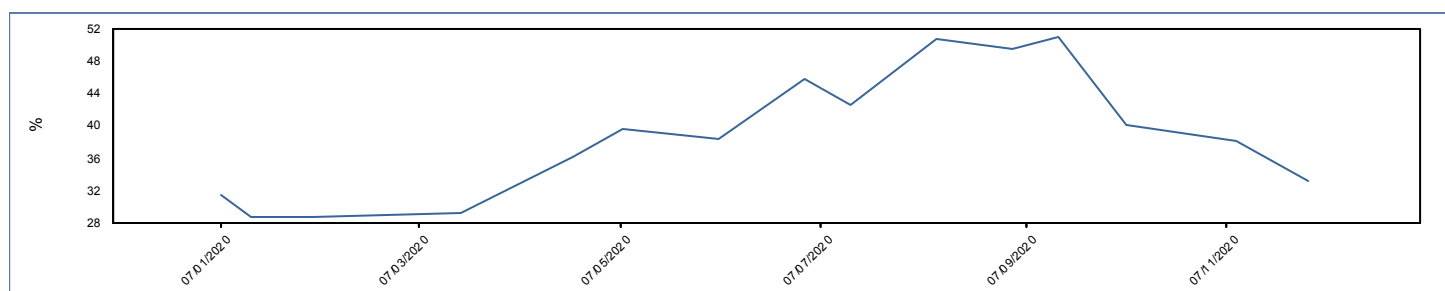
CHI0127

Number of readings

15

Number of breaches

0



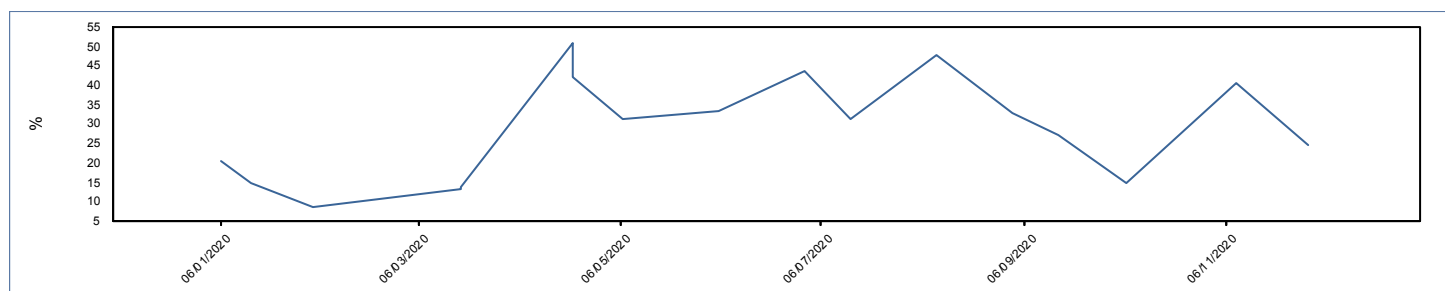
CHI0128

Number of readings

19

Number of breaches

0



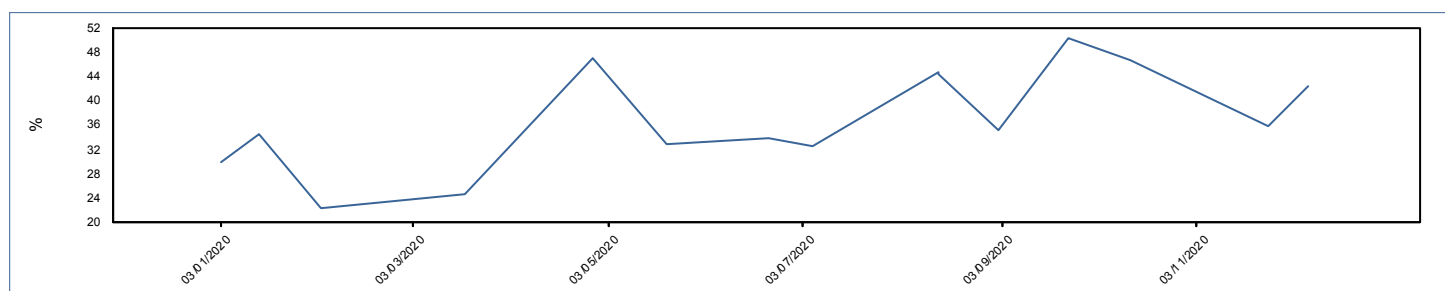
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

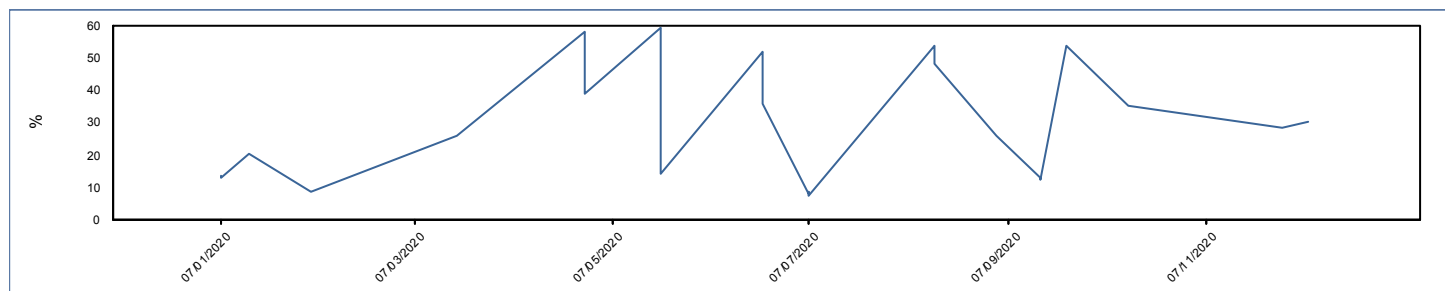
CHI1602

Number of readings

25

Number of breaches

0



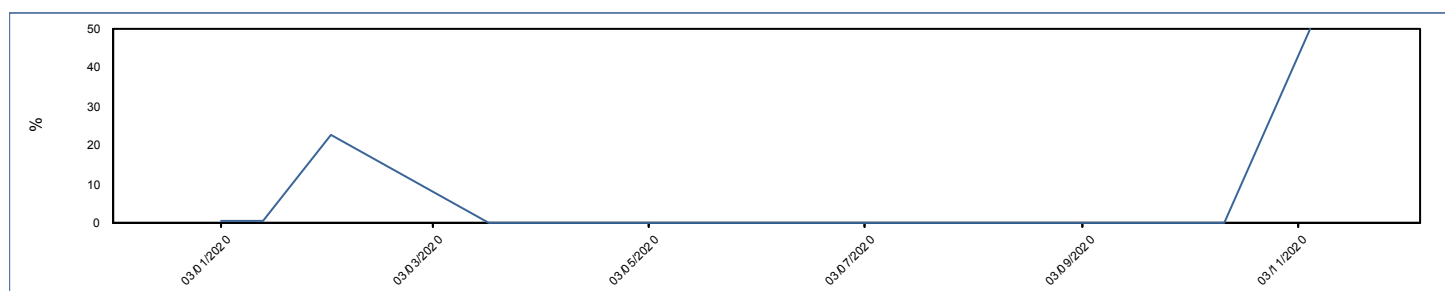
CHI1603

Number of readings

8

Number of breaches

0



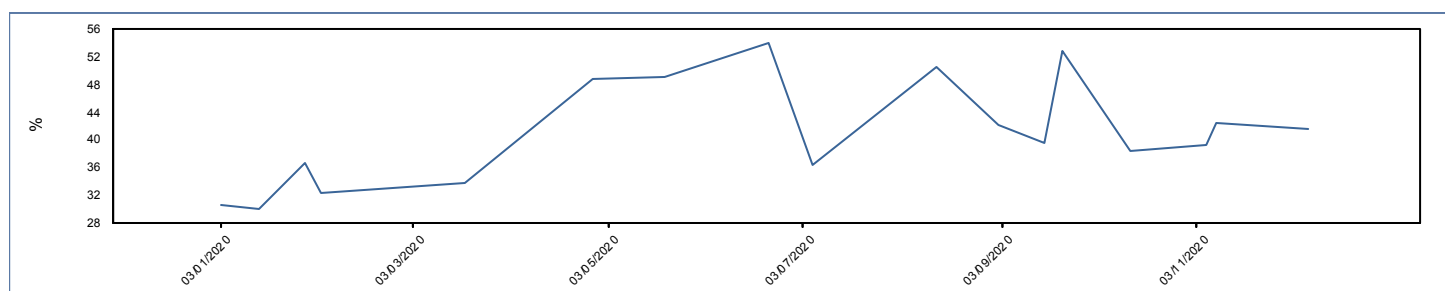
CHI1604

Number of readings

17

Number of breaches

0



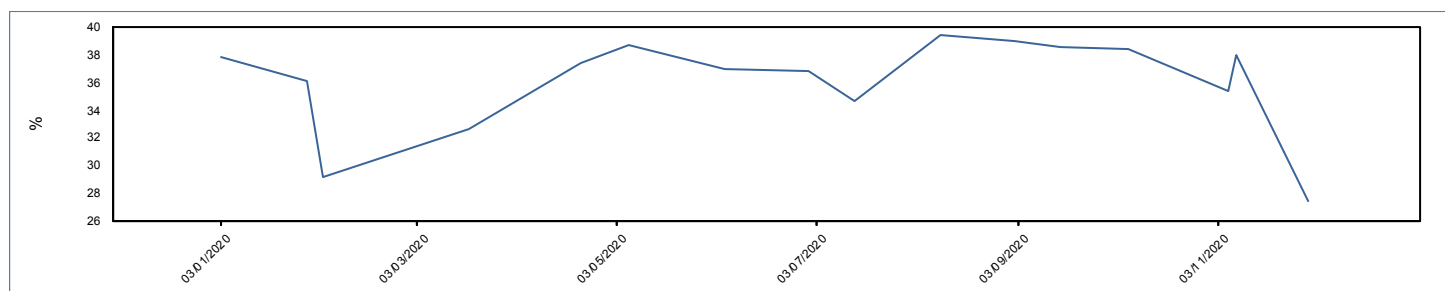
CHI1605

Number of readings

16

Number of breaches

0



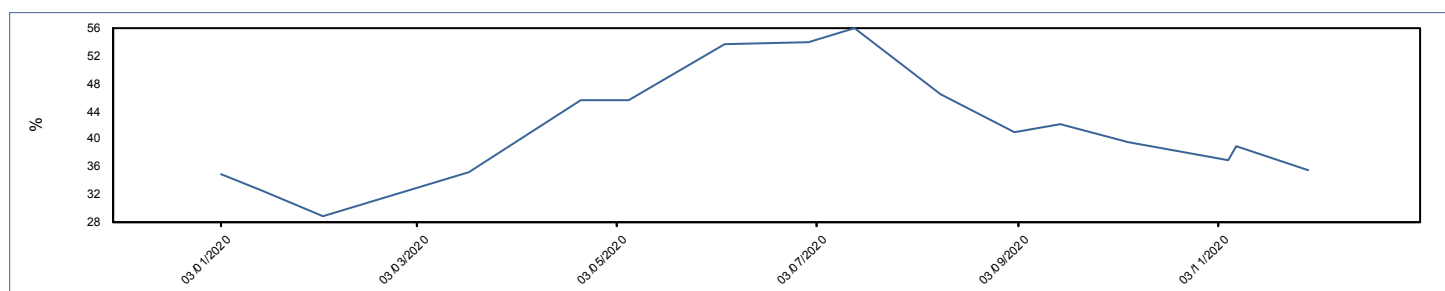
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

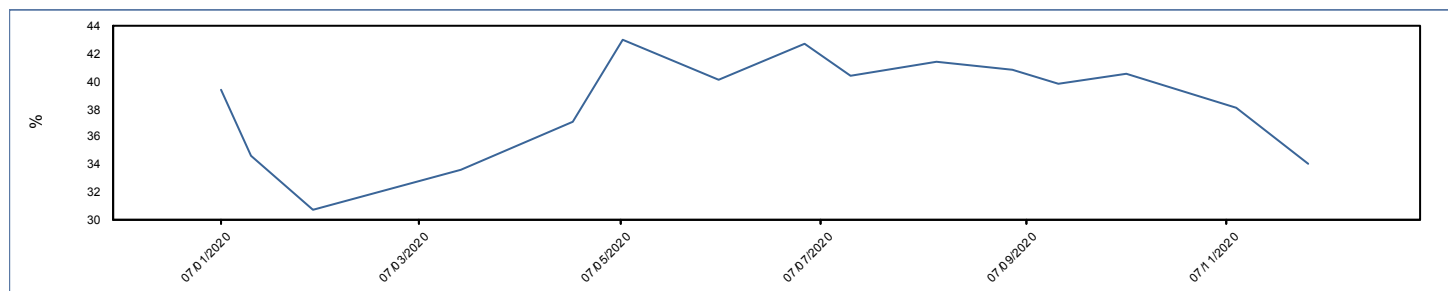
CHIWI608

Number of readings

15

Number of breaches

0



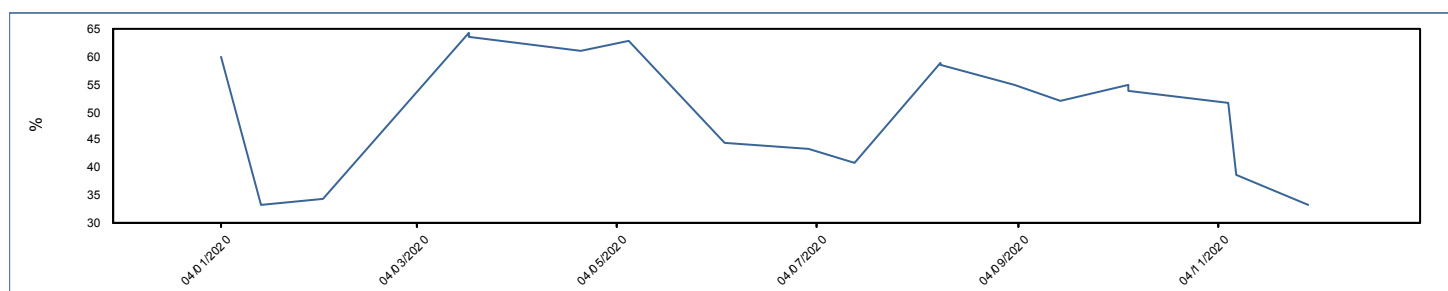
CHIWI609

Number of readings

20

Number of breaches

0



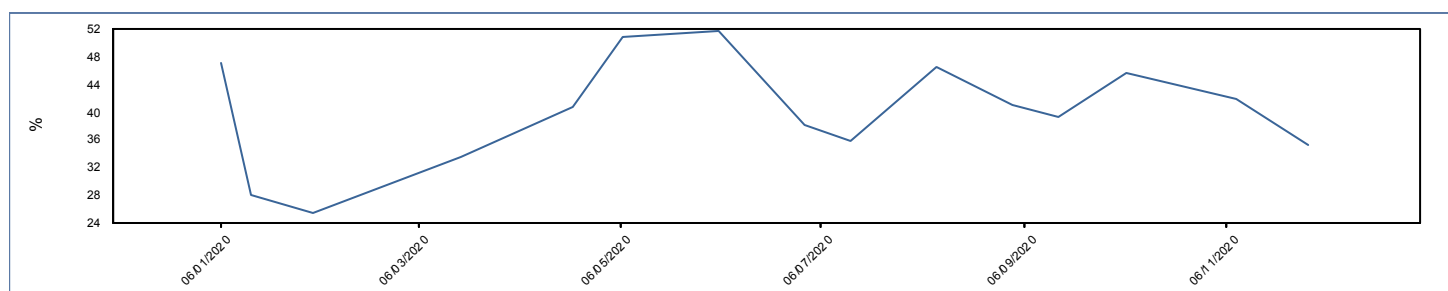
CHIWI610

Number of readings

15

Number of breaches

0



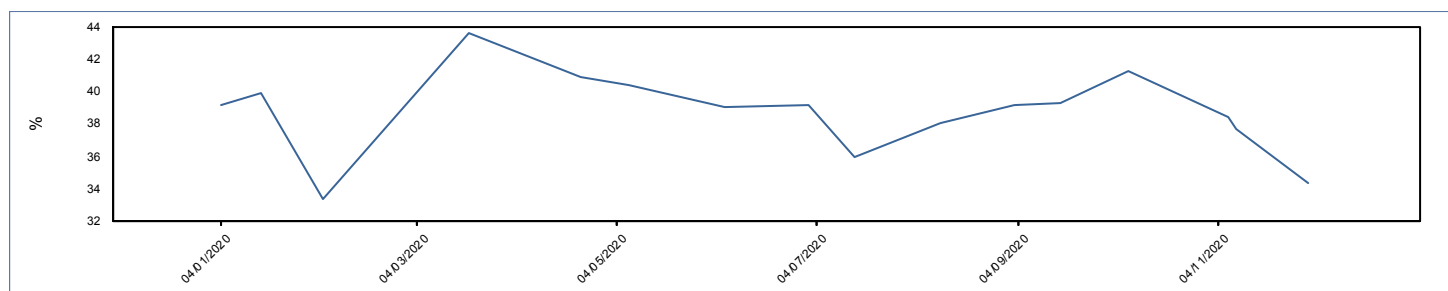
CHIWI611

Number of readings

16

Number of breaches

0



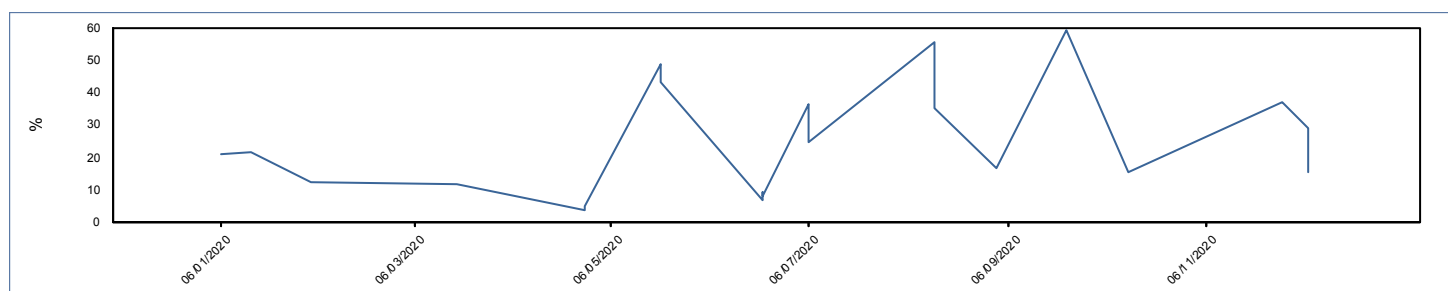
CHIWI612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

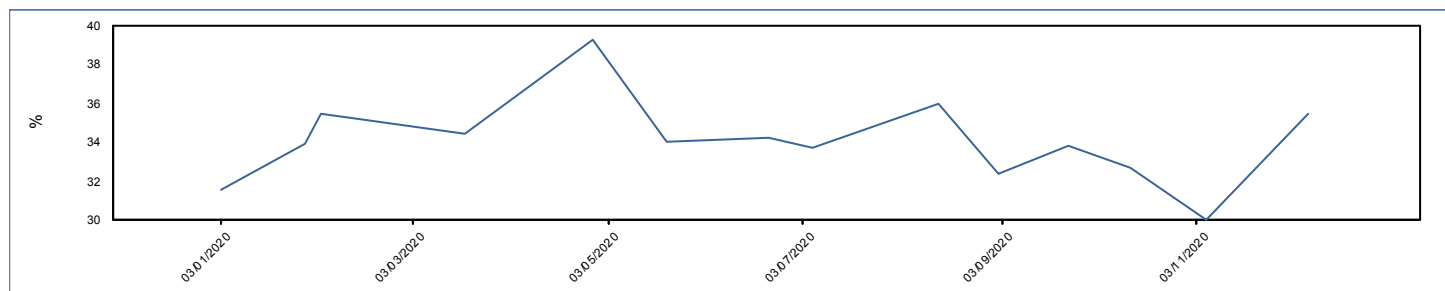
GW44

Number of readings

14

Number of breaches

0



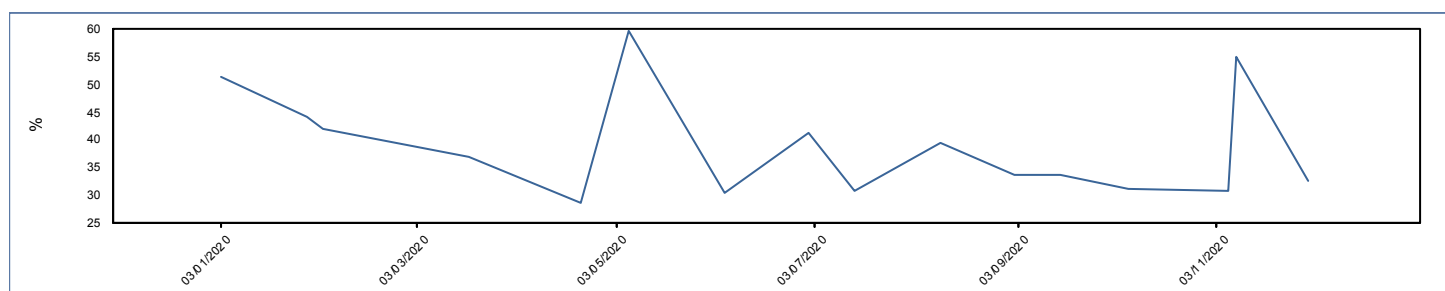
GW48

Number of readings

16

Number of breaches

0



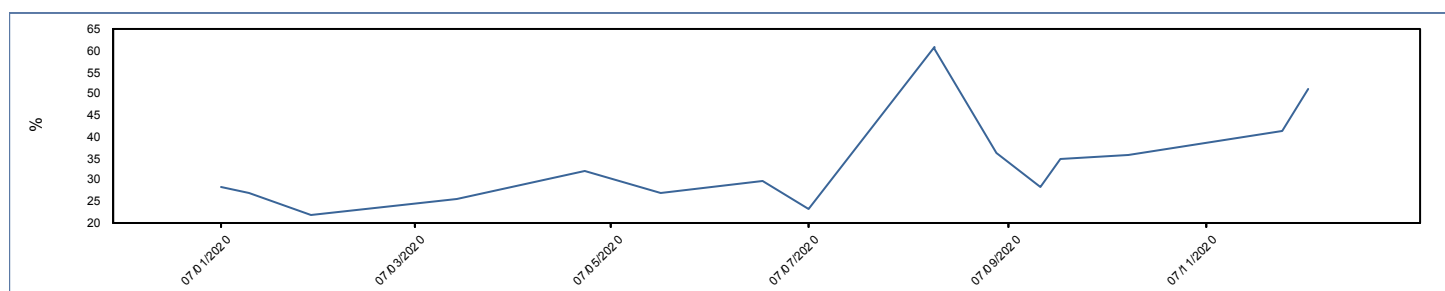
GW56

Number of readings

17

Number of breaches

0



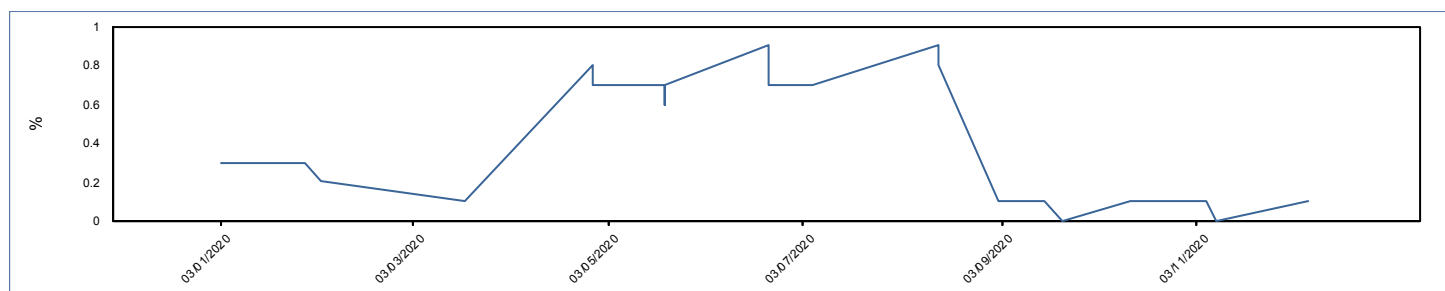
GW57

Number of readings

30

Number of breaches

0



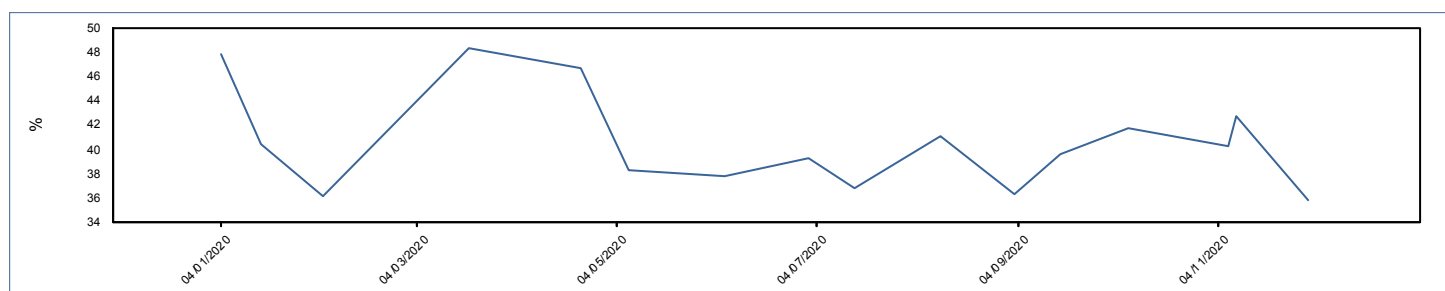
GW88

Number of readings

16

Number of breaches

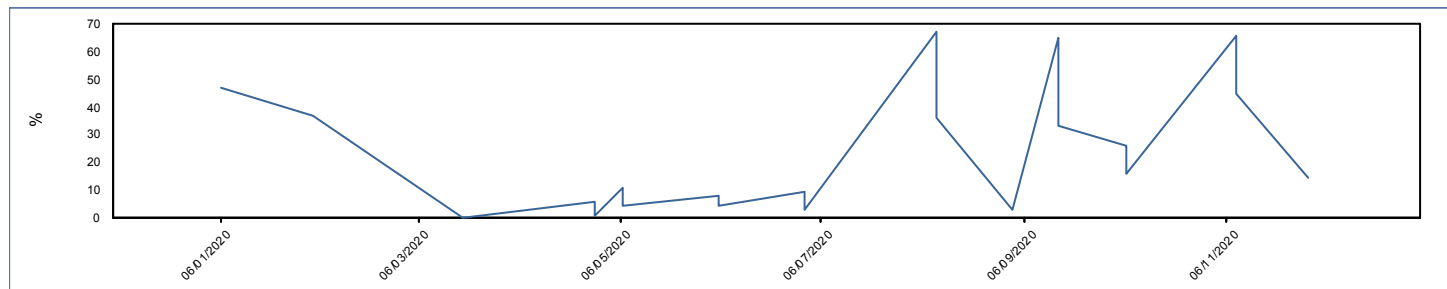
0



Data from: 1 Jan 2020 to: 31 Dec 2020

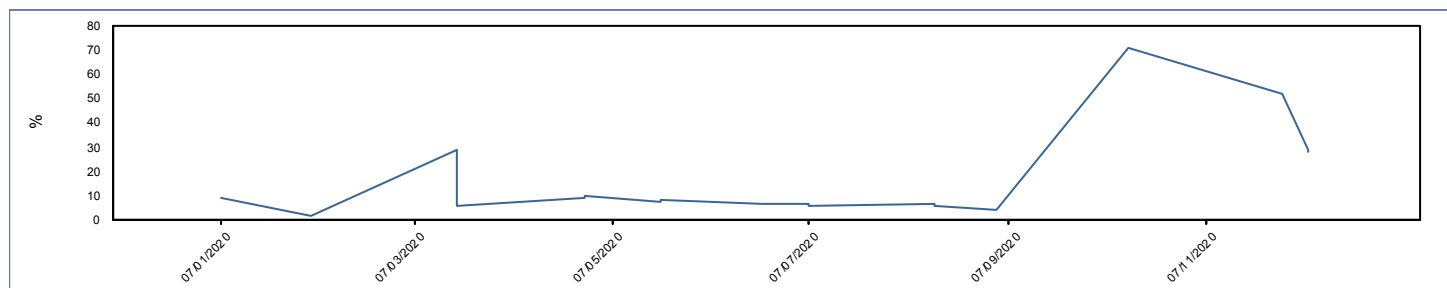
LC005A

Number of readings 29 Number of breaches 0



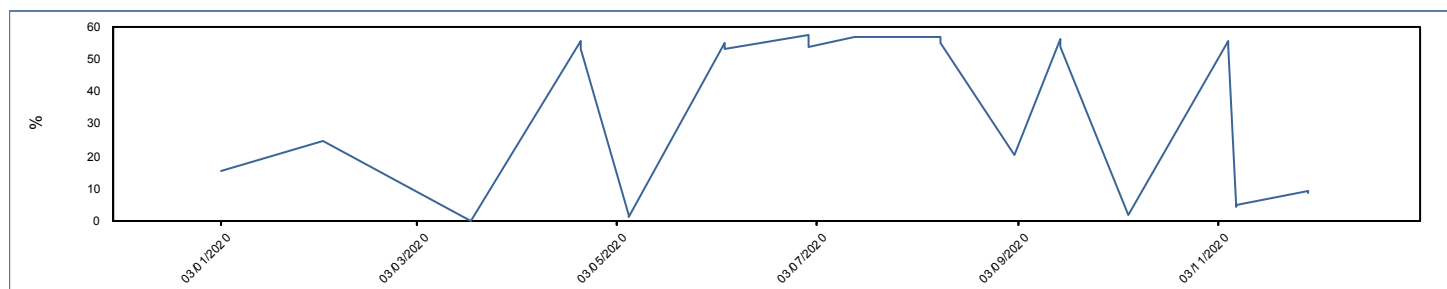
LC01B

Number of readings 24 Number of breaches 0



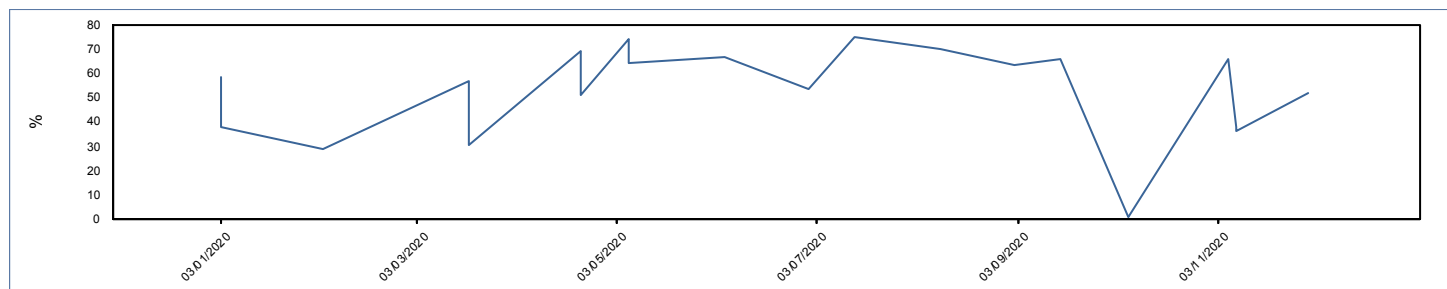
LM04B

Number of readings 28 Number of breaches 0



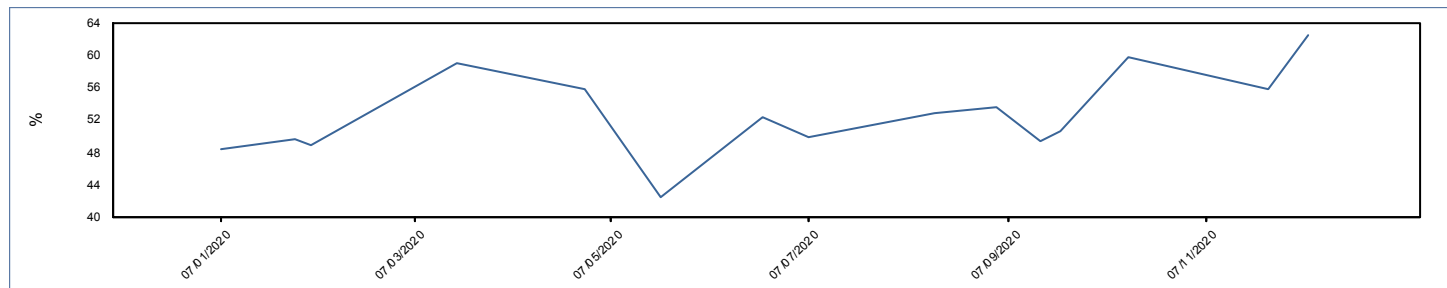
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

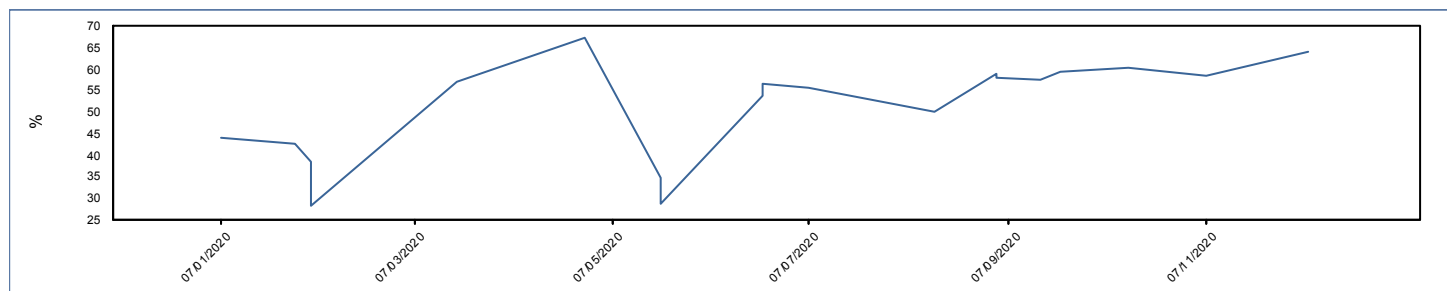
PBLFGXGW03

Number of readings

19

Number of breaches

0



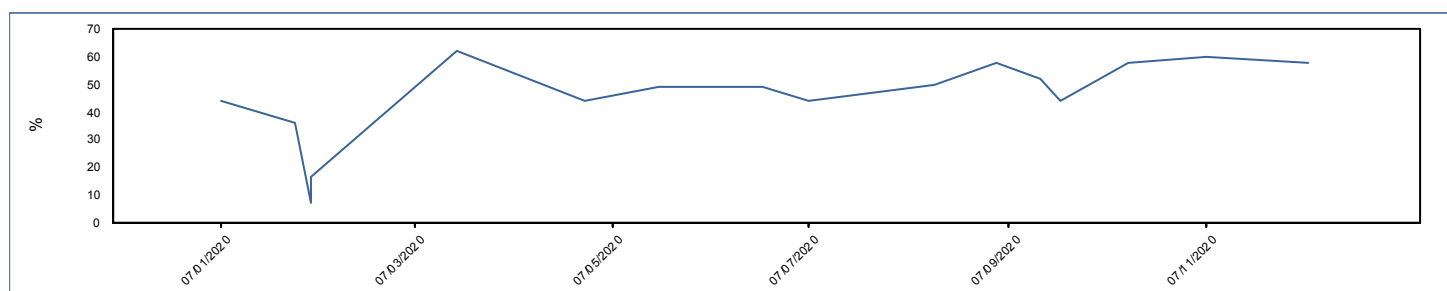
PBLFGXGW07

Number of readings

17

Number of breaches

0



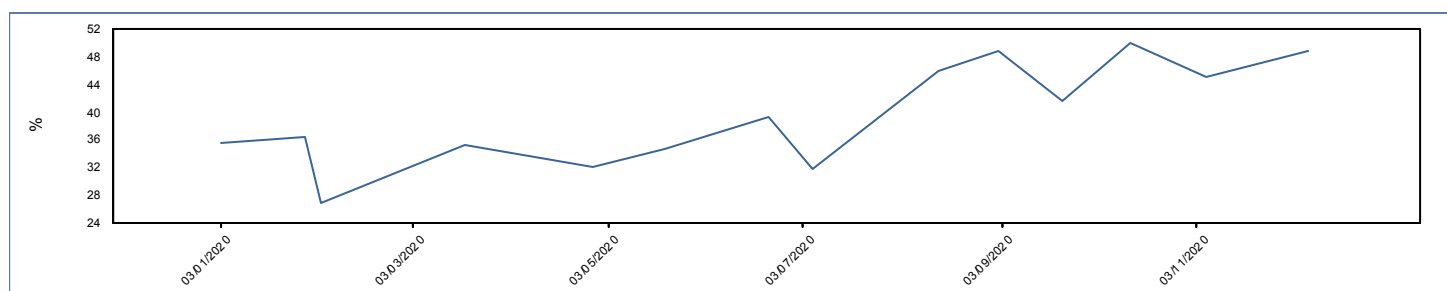
PBLFGXGW18

Number of readings

15

Number of breaches

0



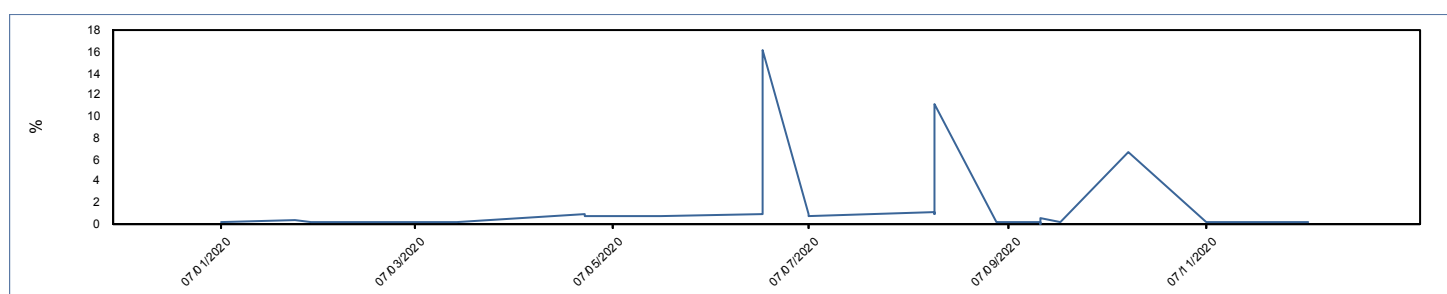
PBLFGXGW28

Number of readings

29

Number of breaches

0



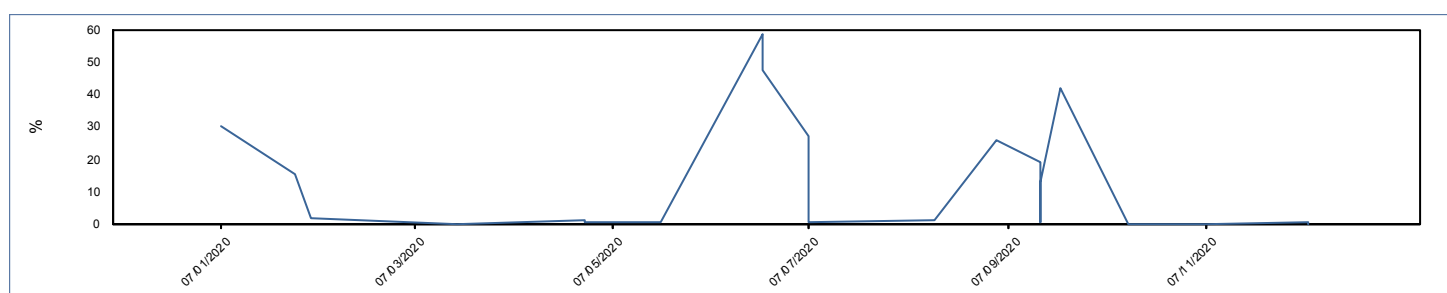
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

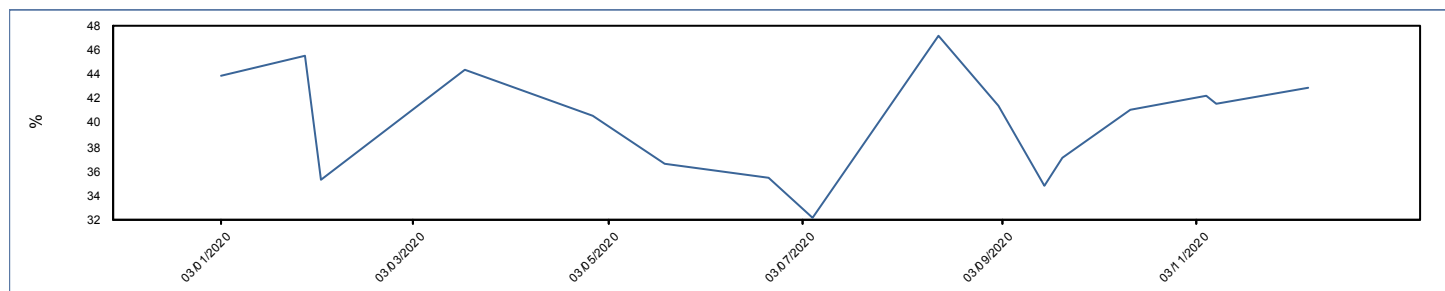
PBLFGXGW30

Number of readings

16

Number of breaches

0



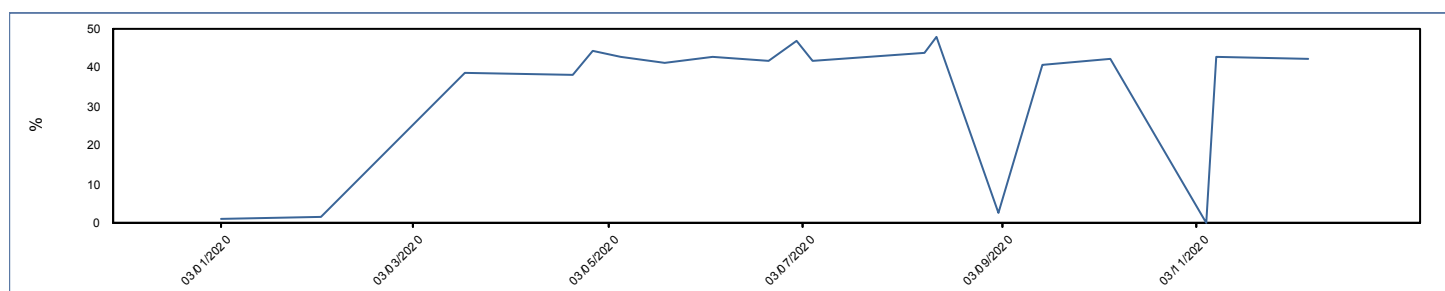
PYBFLARE

Number of readings

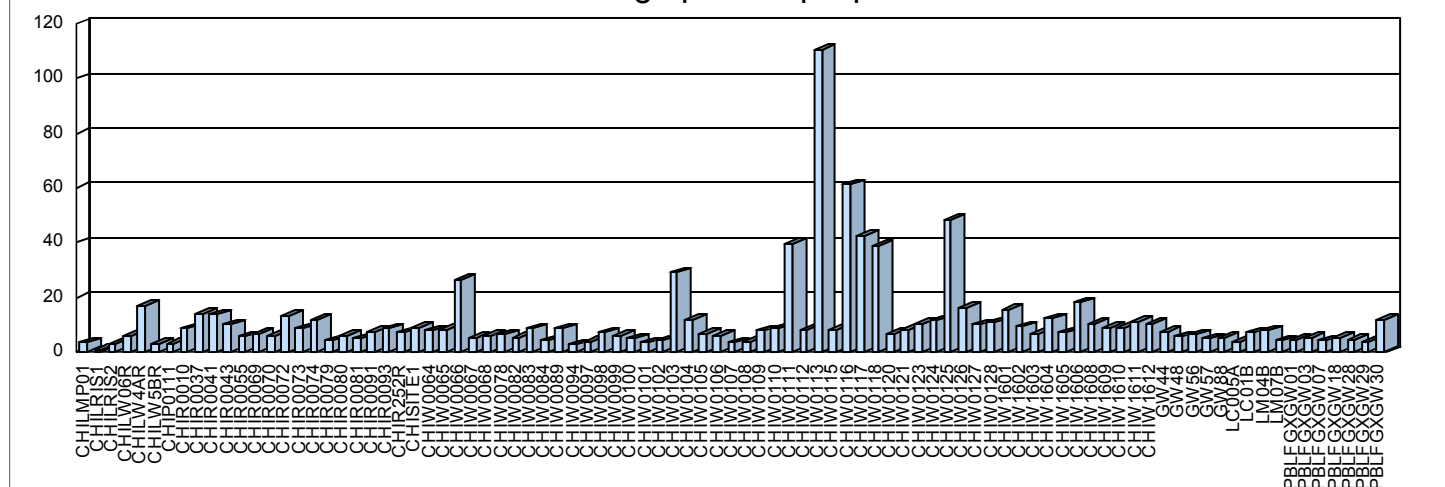
19

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	11.00	3.29	46.00	3.84	14.78	11.00
CHILRIS1	1	0	1.00	1.00	1.00	1.00	0.00	0.00	1.00
CHILRIS2	5	0	0.00	10.00	3.00	15.00	3.63	13.20	10.00
CHILW06R	28	0	0.00	17.00	6.00	168.00	5.45	29.71	16.50
CHILW4AR	27	0	2.00	67.00	16.74	452.00	18.03	324.93	62.00
CHILW5BR	29	0	0.00	10.00	3.03	88.00	3.11	9.69	9.50
CHIP0111	30	0	0.00	13.00	3.20	96.00	3.59	12.89	12.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0010	30	0	0.00	26.00	8.40	252.00	6.99	48.84	23.50
CHIR0037	31	0	0.00	34.00	14.06	436.00	8.40	70.51	28.50
CHIR0041	16	0	0.00	77.00	13.50	216.00	16.93	286.63	77.00
CHIR0043	15	0	3.00	19.00	10.07	151.00	5.12	26.20	19.00
CHIR0055	15	0	1.00	13.00	5.60	84.00	4.22	17.84	13.00
CHIR0069	15	0	1.00	15.00	6.47	97.00	4.60	21.18	15.00
CHIR0070	15	0	0.00	13.00	5.87	88.00	3.93	15.45	13.00
CHIR0072	16	0	6.00	28.00	13.13	210.00	6.86	47.11	28.00
CHIR0073	18	0	0.00	24.00	8.44	152.00	6.59	43.47	24.00
CHIR0074	15	0	4.00	21.00	11.60	174.00	5.46	29.84	21.00
CHIR0079	15	0	0.00	12.00	4.07	61.00	3.82	14.60	12.00
CHIR0080	23	0	0.00	18.00	6.09	140.00	5.22	27.21	17.00
CHIR0081	35	0	0.00	17.00	4.80	168.00	5.32	28.27	16.50
CHIR0091	17	0	2.00	17.00	7.53	128.00	4.78	22.84	17.00
CHIR0093	17	0	1.00	24.00	8.53	145.00	5.70	32.48	24.00
CHIR252R	14	0	0.00	20.00	7.00	98.00	6.04	36.43	20.00
CHISITE1	57	0	0.00	22.00	8.75	499.00	5.68	32.26	18.50
CHIW0064	15	0	0.00	32.00	7.73	116.00	8.27	68.46	32.00
CHIW0065	14	0	0.00	38.00	7.93	111.00	9.41	88.49	38.00
CHIW0066	16	0	0.00	72.00	26.31	421.00	24.96	623.21	72.00
CHIW0067	37	0	0.00	15.00	5.16	191.00	4.84	23.38	15.00
CHIW0068	16	0	1.00	13.00	6.06	97.00	3.82	14.56	13.00
CHIW0078	20	0	0.00	19.00	6.20	124.00	5.69	32.36	16.50
CHIW0082	19	0	0.00	20.00	5.37	102.00	5.34	28.55	20.00
CHIW0083	16	0	1.00	25.00	8.44	135.00	7.04	49.62	25.00
CHIW0084	14	0	0.00	13.00	4.00	56.00	4.34	18.86	13.00
CHIW0089	16	0	2.00	24.00	8.56	137.00	6.43	41.37	24.00
CHIW0094	34	0	0.00	7.00	2.65	90.00	2.61	6.82	7.00
CHIW0097	34	0	0.00	15.00	3.71	126.00	4.16	17.33	14.50

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0098	16	0	0.00	19.00	7.06	113.00	5.51	30.31	19.00
CHIW0099	16	0	0.00	19.00	6.00	96.00	5.32	28.25	19.00
CHIW0100	22	0	1.00	12.00	4.91	108.00	4.03	16.26	11.50
CHIW0101	16	0	0.00	9.00	3.50	56.00	3.10	9.63	9.00
CHIW0102	39	0	0.00	15.00	4.13	161.00	4.46	19.86	14.00
CHIW0103	24	0	0.00	137.00	28.96	695.00	42.17	1,778.12	135.50
CHIW0104	30	0	0.00	91.00	11.63	349.00	21.45	460.17	86.50
CHIW0105	24	0	0.00	24.00	6.79	163.00	6.65	44.16	23.50
CHIW0106	26	0	0.00	22.00	5.81	151.00	6.02	36.23	20.00
CHIW0107	25	0	0.00	10.00	3.40	85.00	3.26	10.64	9.50
CHIW0108	25	0	0.00	9.00	3.56	89.00	3.43	11.77	9.00
CHIW0109	25	0	0.00	34.00	7.76	194.00	8.44	71.22	31.00
CHIW0110	15	0	2.00	19.00	8.47	127.00	4.65	21.58	19.00
CHIW0111	28	0	0.00	75.00	39.46	1,105.00	24.56	603.39	74.00
CHIW0112	15	0	0.00	19.00	8.33	125.00	5.50	30.22	19.00
CHIW0113	20	0	38.00	276.00	110.60	2,212.00	68.12	4,640.34	250.50
CHIW0115	16	0	2.00	17.00	8.00	128.00	5.02	25.25	17.00
CHIW0116	26	0	0.00	117.00	61.12	1,589.00	22.05	486.26	105.00
CHIW0117	32	0	3.00	64.00	42.53	1,361.00	11.51	132.44	62.50
CHIW0118	16	0	23.00	57.00	38.81	621.00	9.11	83.03	57.00
CHIW0120	14	0	0.00	17.00	6.86	96.00	5.46	29.84	17.00
CHIW0121	15	0	0.00	20.00	8.00	120.00	6.46	41.73	20.00
CHIW0123	18	0	3.00	29.00	10.28	185.00	6.90	47.65	29.00
CHIW0124	17	0	0.00	22.00	11.53	196.00	7.11	50.60	22.00
CHIW0125	20	0	0.00	363.00	48.30	966.00	76.22	5,808.81	227.50
CHIW0126	17	0	3.00	31.00	16.35	278.00	9.50	90.23	31.00
CHIW0127	15	0	3.00	19.00	9.87	148.00	4.98	24.78	19.00
CHIW0128	19	0	3.00	20.00	10.58	201.00	5.25	27.61	20.00
CHIW1601	15	0	0.00	49.00	15.40	231.00	11.92	141.97	49.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1602	25	0	1.00	23.00	9.20	230.00	7.15	51.12	22.50
CHIW1603	8	0	0.00	25.00	6.75	54.00	7.28	52.94	25.00
CHIW1604	17	0	0.00	28.00	12.24	208.00	6.91	47.71	28.00
CHIW1605	16	0	2.00	16.00	7.19	115.00	4.48	20.03	16.00
CHIW1606	16	0	5.00	44.00	18.00	288.00	11.54	133.25	44.00
CHIW1608	15	0	2.00	25.00	10.53	158.00	6.85	46.92	25.00
CHIW1609	20	0	2.00	26.00	8.85	177.00	6.97	48.53	24.50
CHIW1610	15	0	2.00	21.00	8.73	131.00	5.67	32.20	21.00
CHIW1611	16	0	4.00	27.00	11.00	176.00	6.37	40.63	27.00
CHIW1612	24	0	0.00	27.00	10.21	245.00	7.39	54.58	25.50
GW44	14	0	0.00	15.00	7.50	105.00	4.90	23.96	15.00
GW48	16	0	0.00	18.00	5.69	91.00	5.12	26.21	18.00
GW56	17	0	0.00	17.00	6.35	108.00	5.61	31.52	17.00
GW57	30	0	0.00	33.00	4.93	148.00	6.08	37.00	22.00
GW88	16	0	0.00	14.00	5.13	82.00	4.75	22.61	14.00
LC005A	29	0	0.00	20.00	3.79	110.00	4.65	21.61	18.00
LC01B	24	0	0.00	16.00	7.17	172.00	5.96	35.56	16.00
LM04B	28	0	0.00	33.00	7.79	218.00	9.66	93.24	31.00
LM07B	25	0	0.00	17.00	4.20	105.00	4.60	21.20	14.50
PBLFGXGW01	15	0	0.00	13.00	4.47	67.00	3.79	14.38	13.00
PBLFGXGW03	19	0	0.00	14.00	5.32	101.00	4.21	17.69	14.00
PBLFGXGW07	17	0	0.00	12.00	4.00	68.00	3.90	15.18	12.00
PBLFGXGW18	15	0	0.00	14.00	5.00	75.00	4.20	17.60	14.00
PBLFGXGW28	29	0	0.00	21.00	4.38	127.00	5.45	29.68	21.00
PBLFGXGW29	28	0	0.00	14.00	3.75	105.00	4.06	16.47	13.50
PBLFGXGW30	16	0	0.00	42.00	11.75	188.00	10.91	118.94	42.00
Total	1,865	0	0.00	363.00	11.41	21,272.00	20.62	425.14	46.00

Data from: 1 Jan 2020 to: 31 Dec 2020

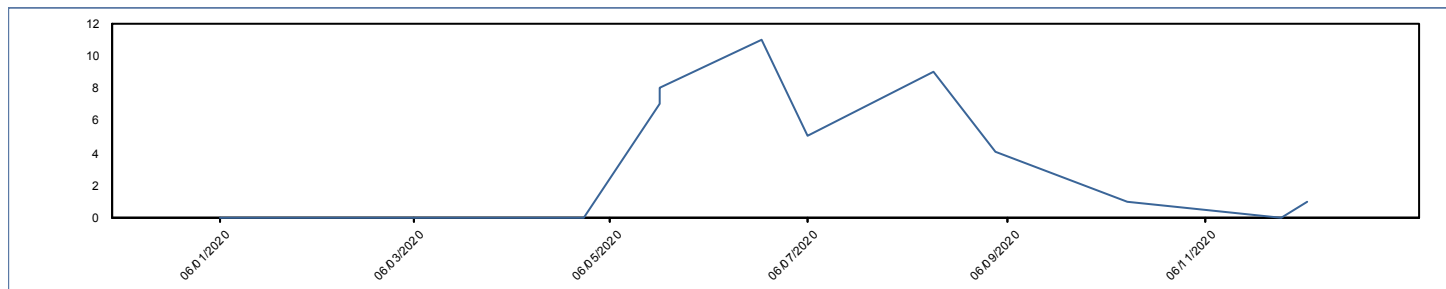
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



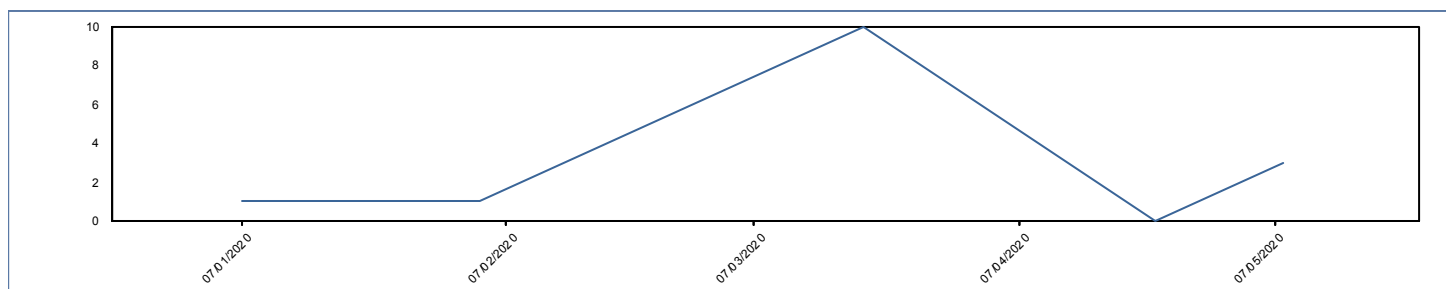
CHILRIS2

Number of readings

5

Number of breaches

0



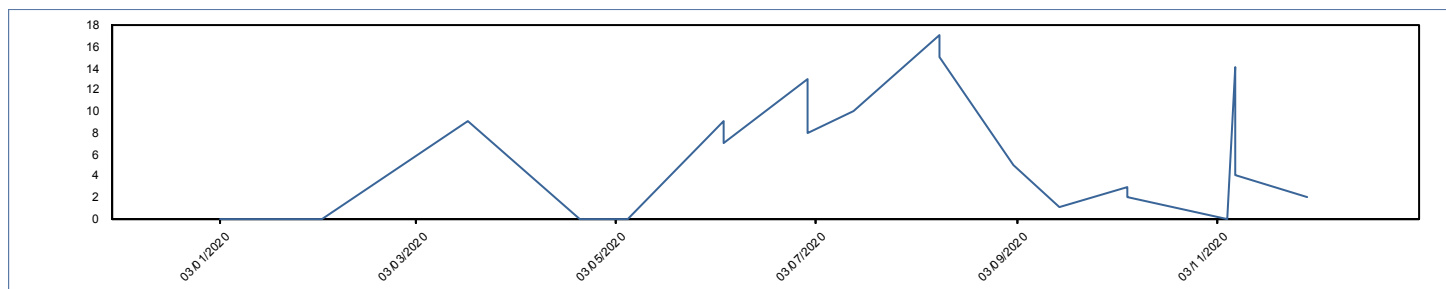
CHILW06R

Number of readings

28

Number of breaches

0



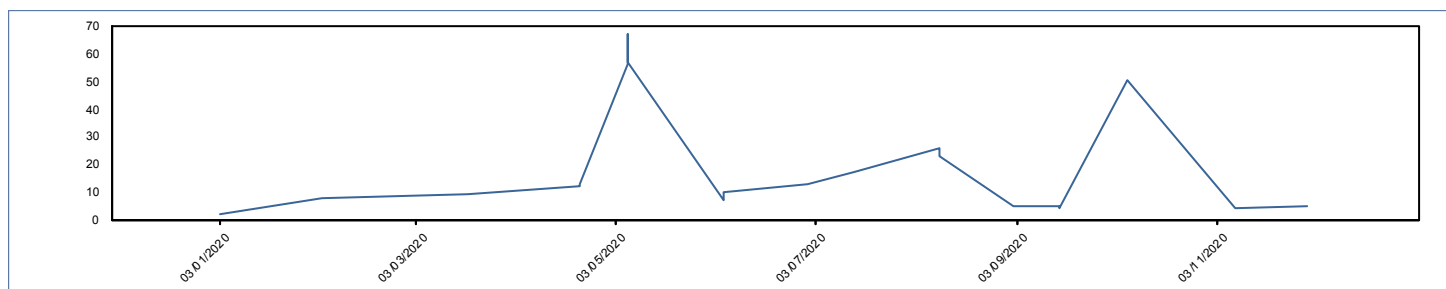
CHILW4AR

Number of readings

27

Number of breaches

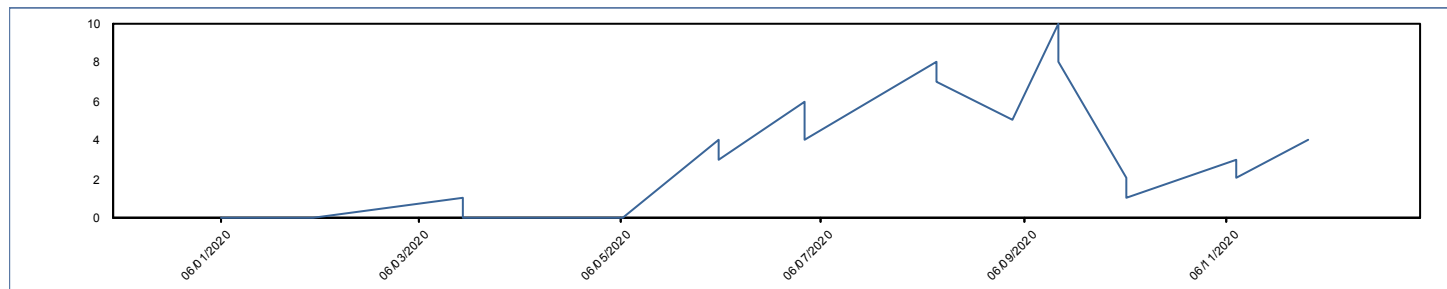
0



Data from: 1 Jan 2020 to: 31 Dec 2020

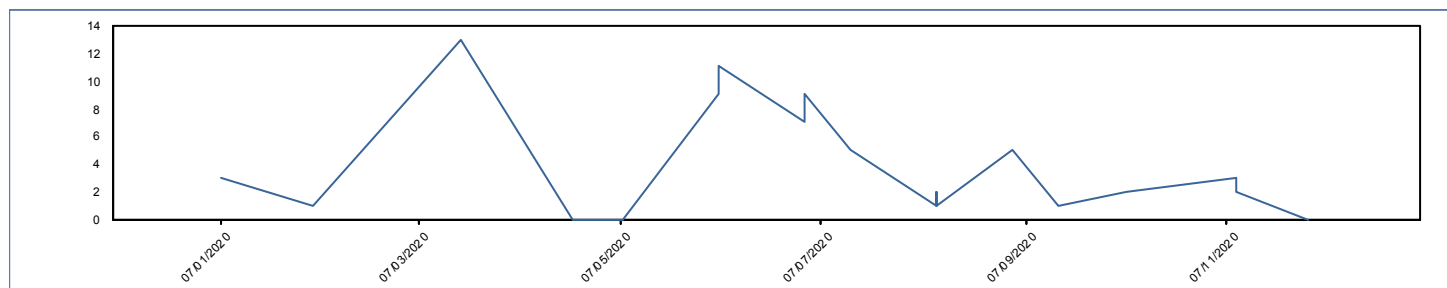
CHILW5BR

Number of readings 29 Number of breaches 0



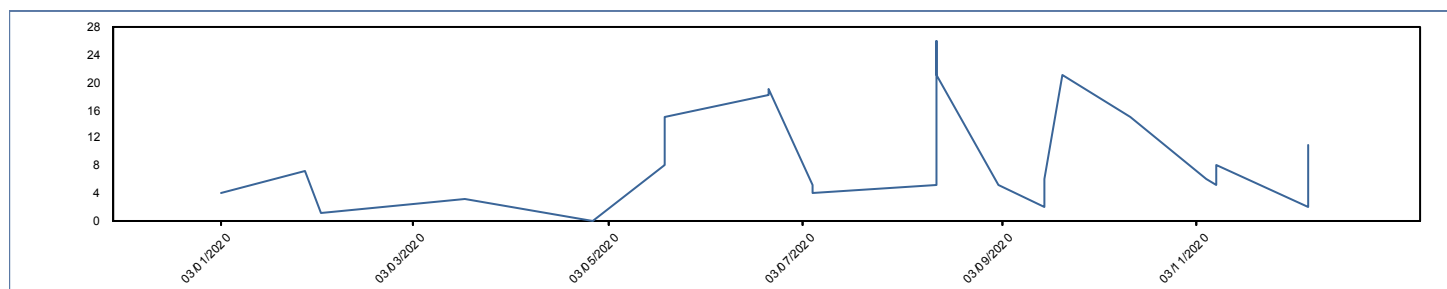
CHIP0111

Number of readings 30 Number of breaches 0



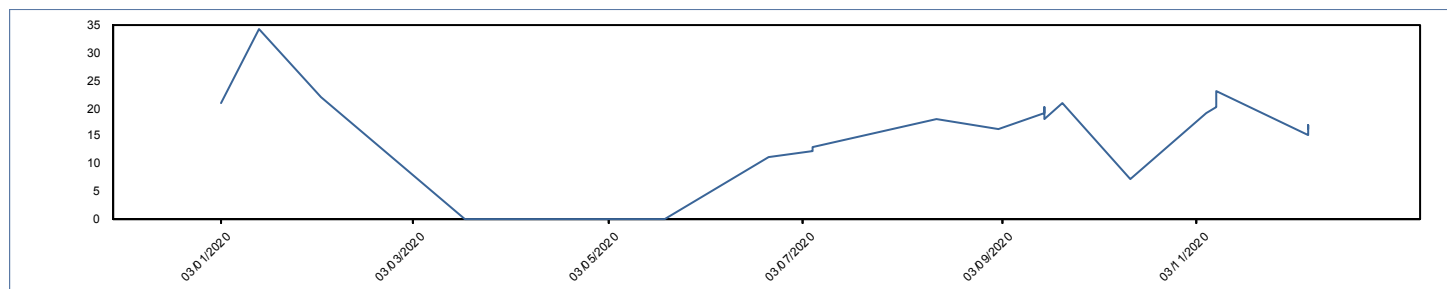
CHIR0010

Number of readings 30 Number of breaches 0



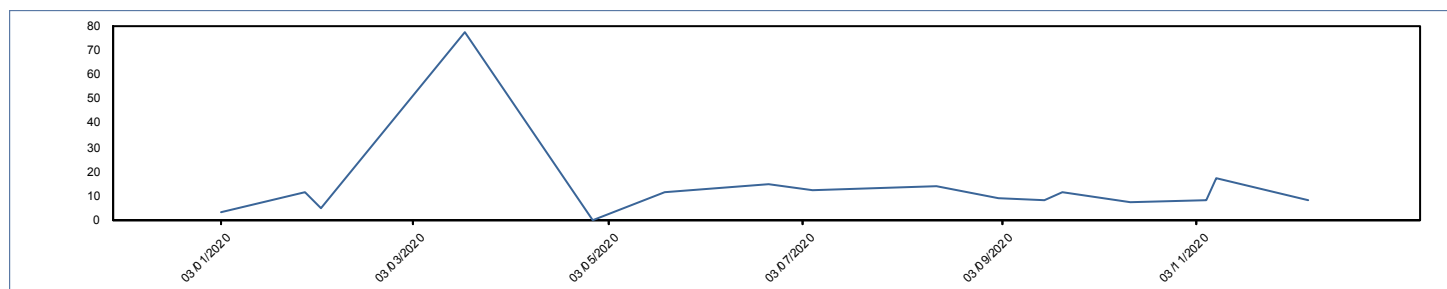
CHIR0037

Number of readings 31 Number of breaches 0



CHIR0041

Number of readings 16 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

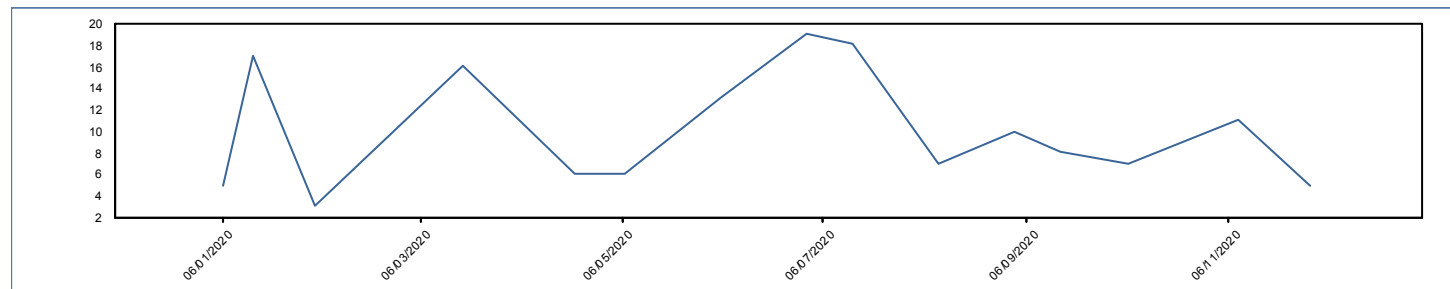
CHIR0043

Number of readings

15

Number of breaches

0



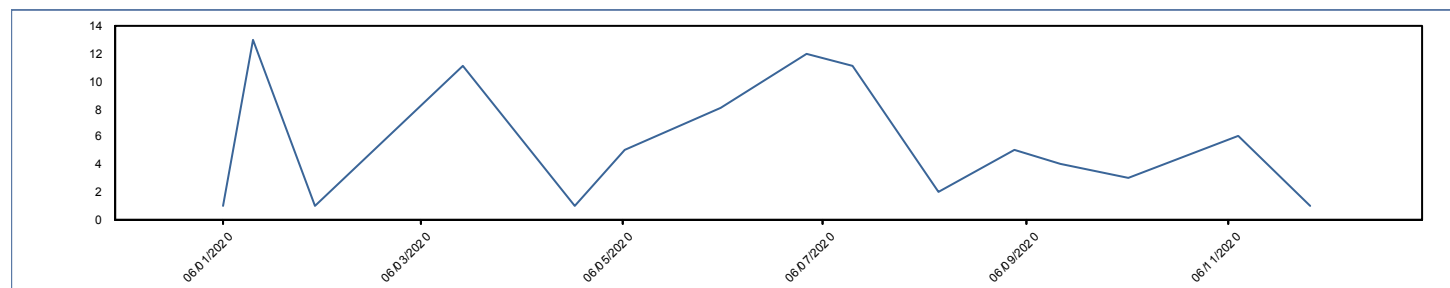
CHIR0055

Number of readings

15

Number of breaches

0



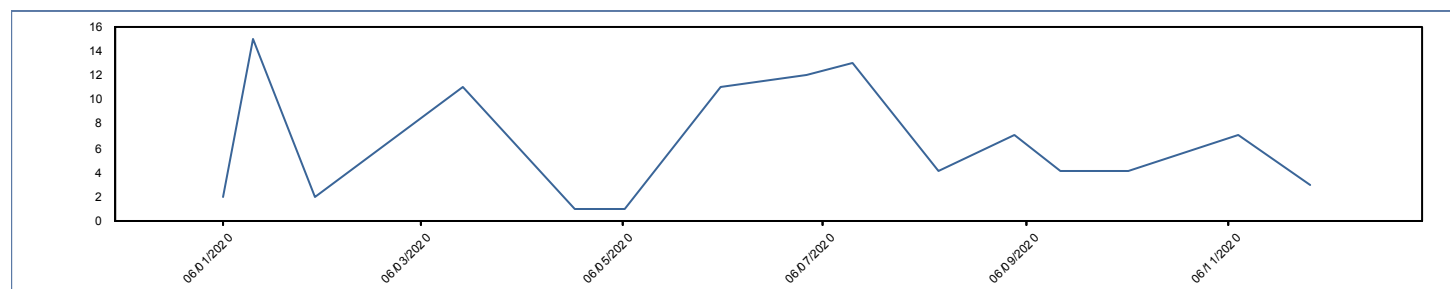
CHIR0069

Number of readings

15

Number of breaches

0



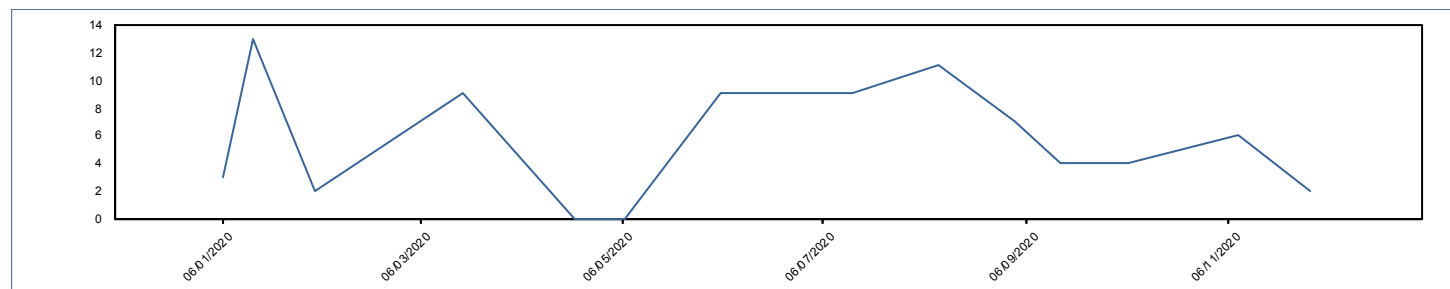
CHIR0070

Number of readings

15

Number of breaches

0



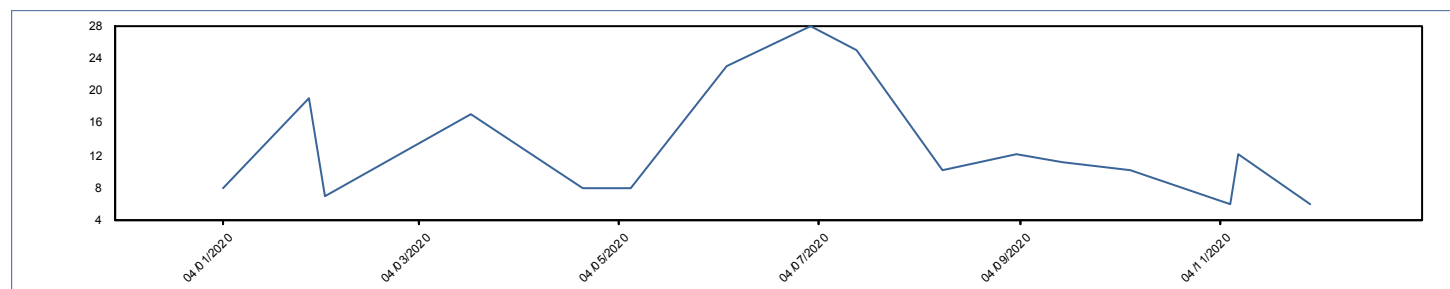
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

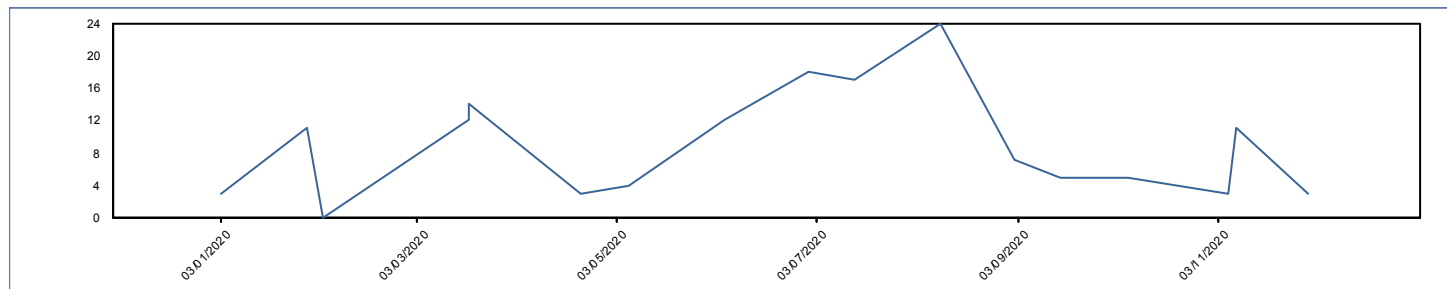
CHIR0073

Number of readings

18

Number of breaches

0



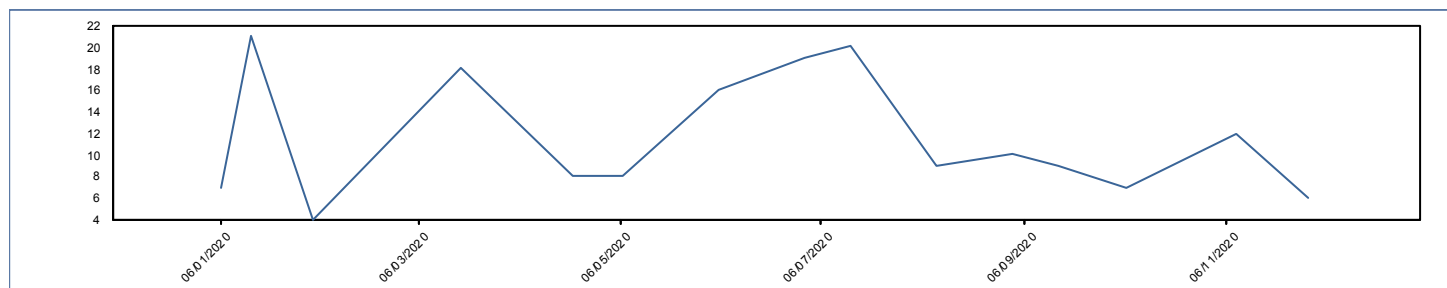
CHIR0074

Number of readings

15

Number of breaches

0



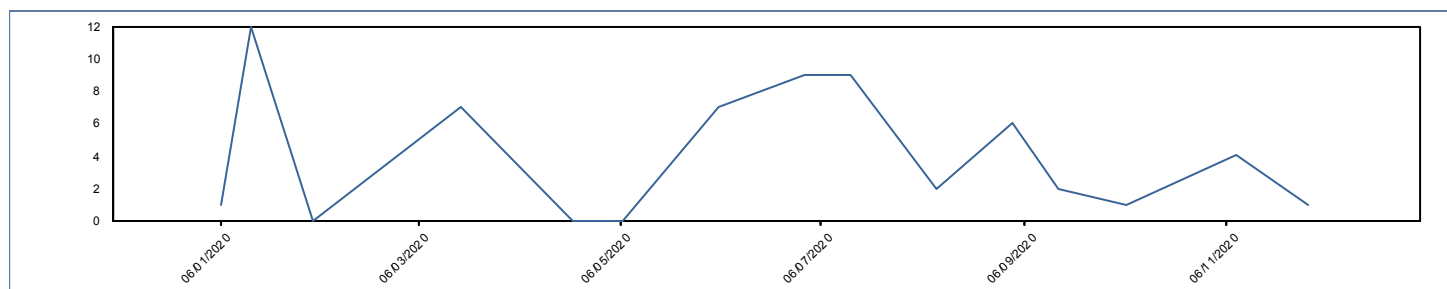
CHIR0079

Number of readings

15

Number of breaches

0



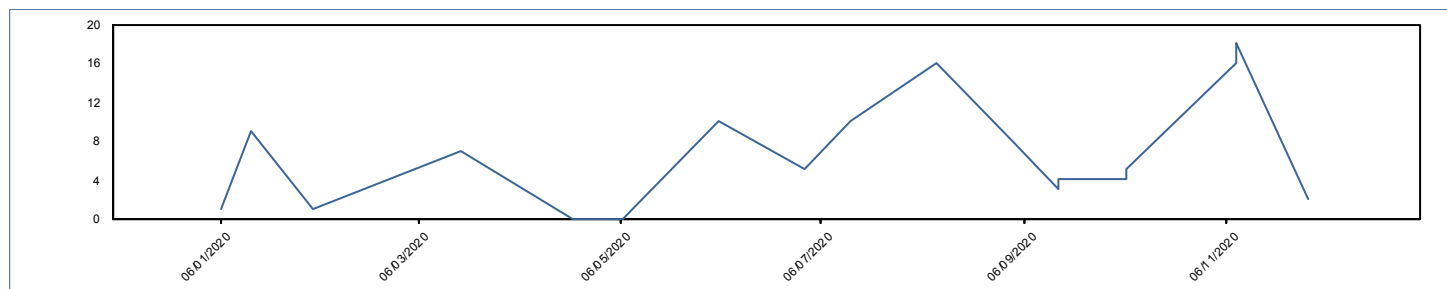
CHIR0080

Number of readings

23

Number of breaches

0



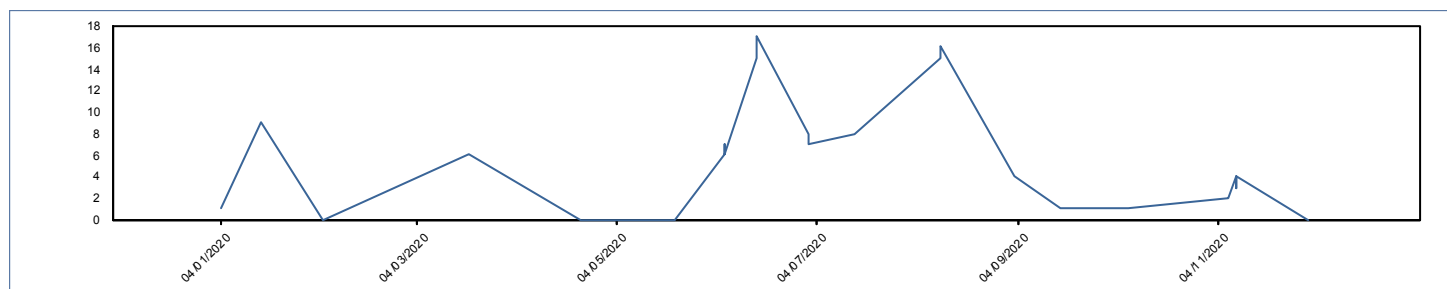
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

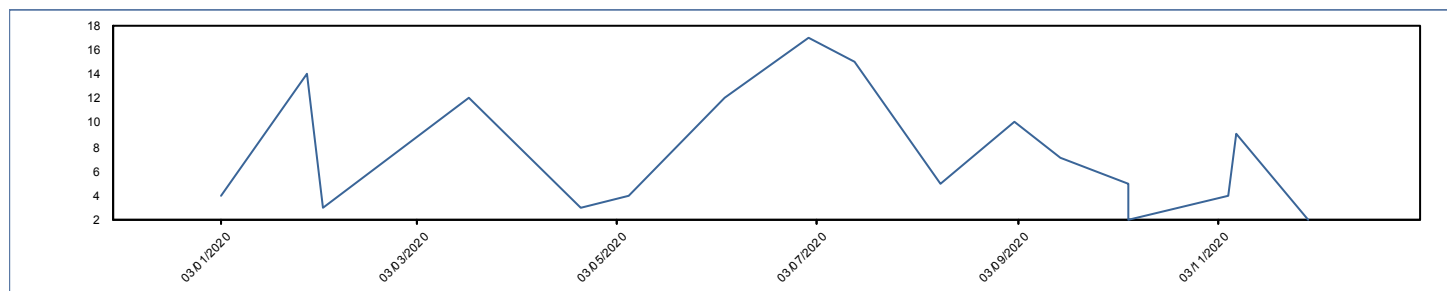
CHIR0091

Number of readings

17

Number of breaches

0



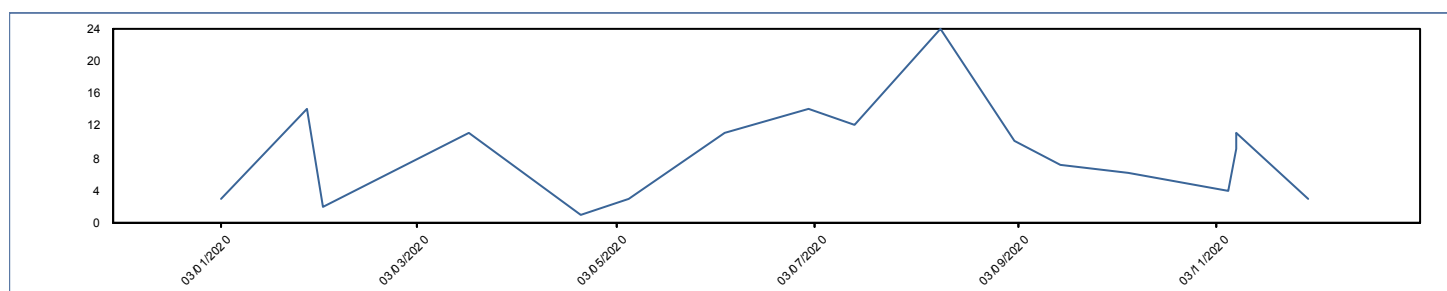
CHIR0093

Number of readings

17

Number of breaches

0



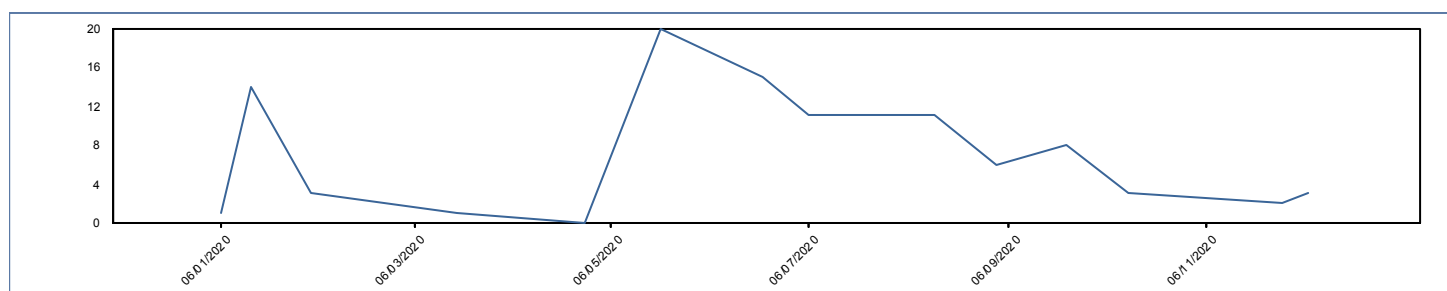
CHIR252R

Number of readings

14

Number of breaches

0



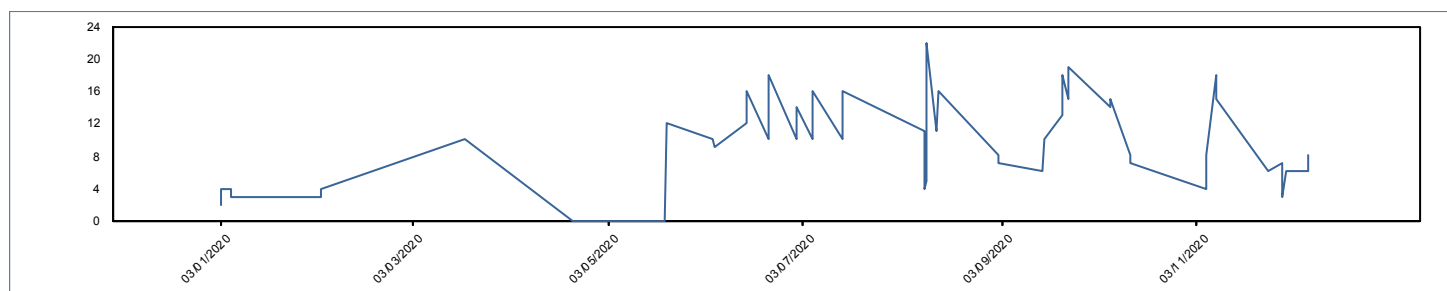
CHISITE1

Number of readings

57

Number of breaches

0



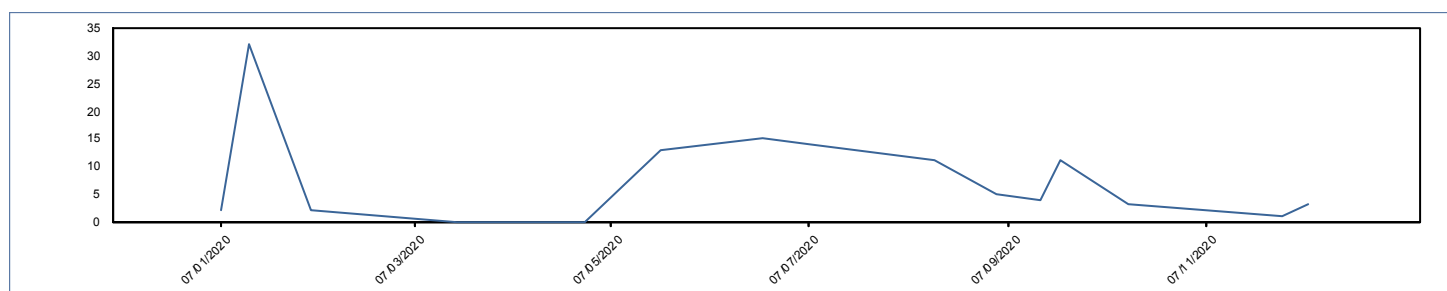
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

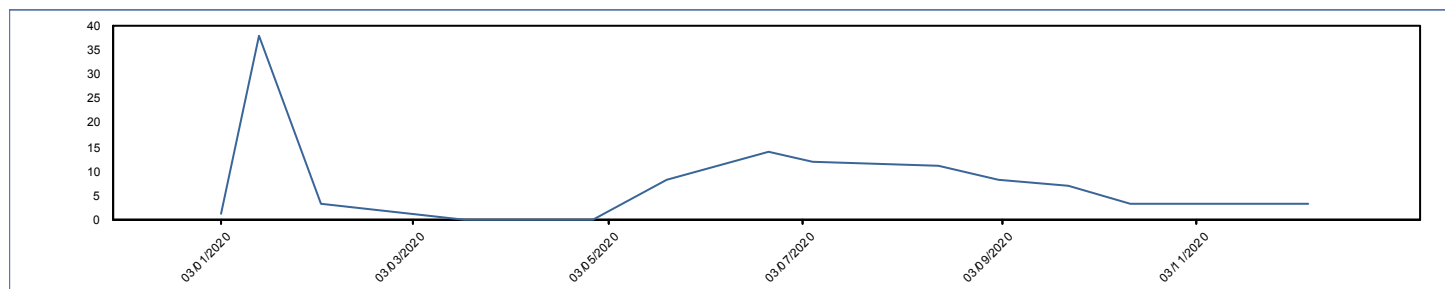
CHIW0065

Number of readings

14

Number of breaches

0



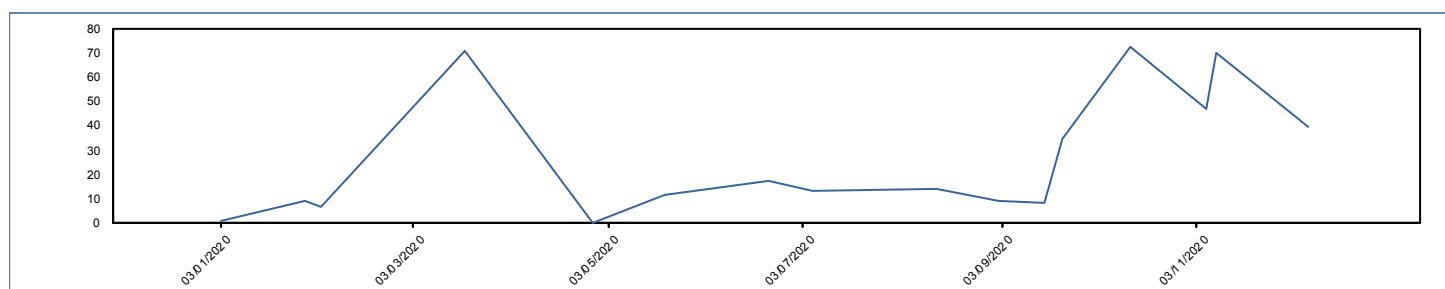
CHIW0066

Number of readings

16

Number of breaches

0



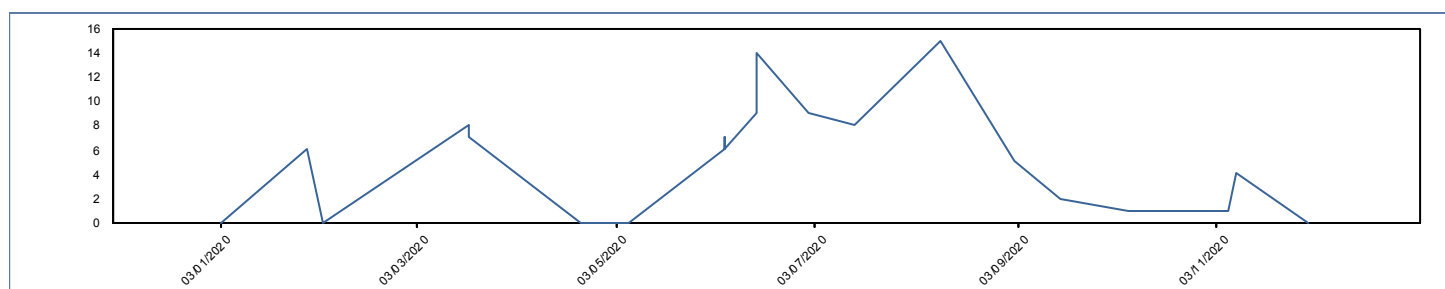
CHIW0067

Number of readings

37

Number of breaches

0



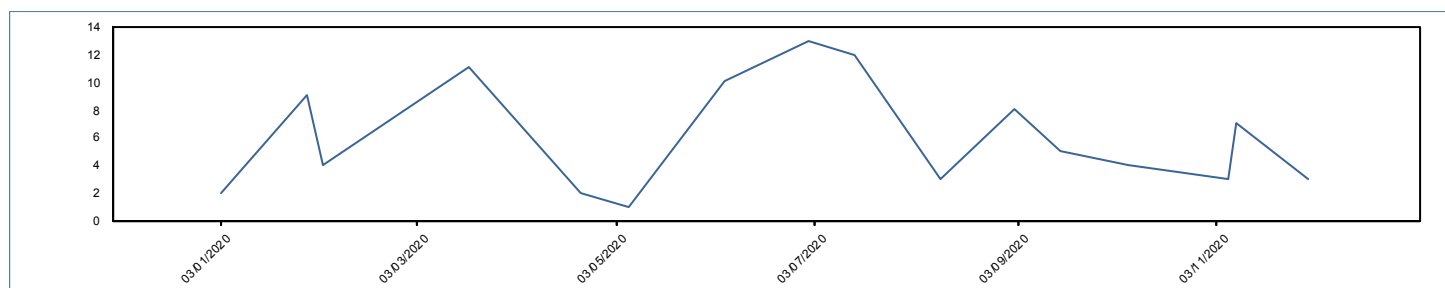
CHIW0068

Number of readings

16

Number of breaches

0



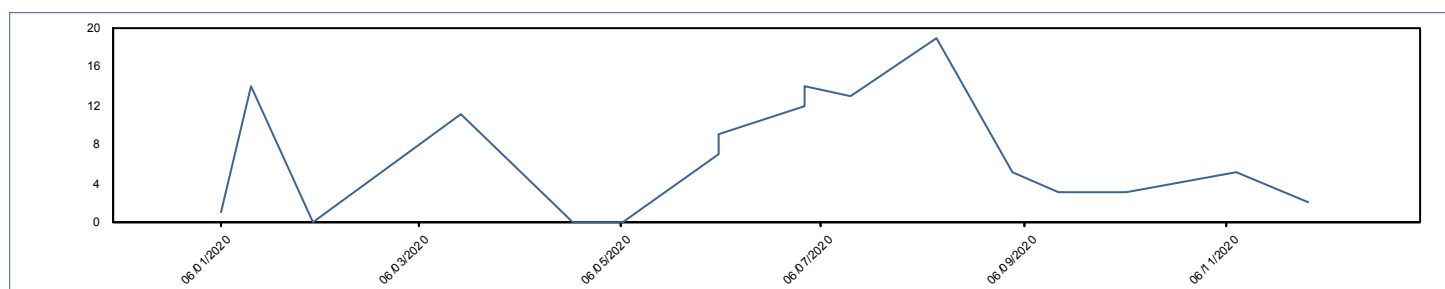
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

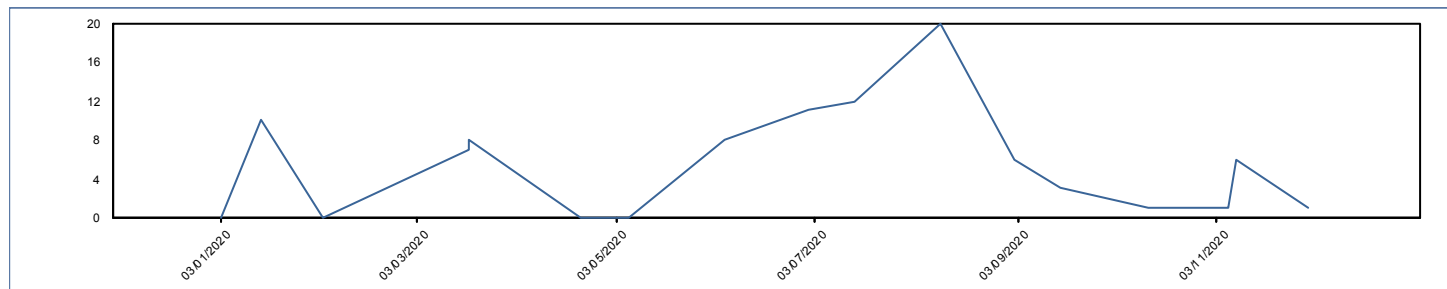
CHI0082

Number of readings

19

Number of breaches

0



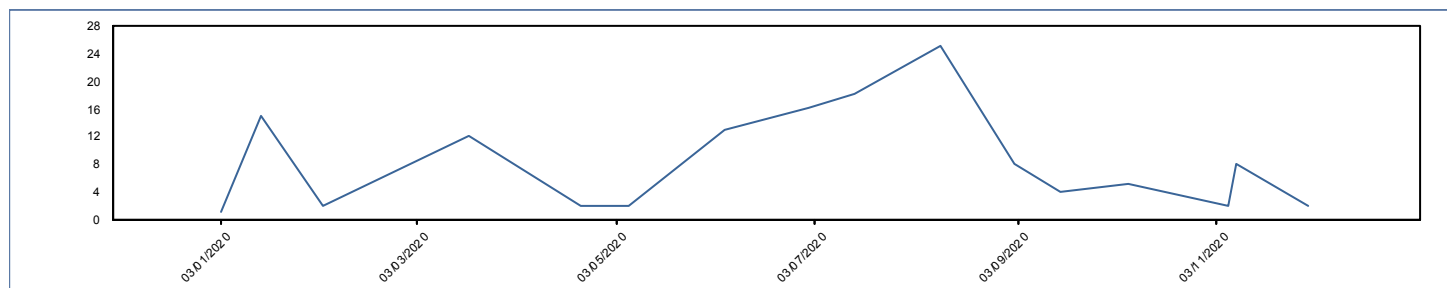
CHI0083

Number of readings

16

Number of breaches

0



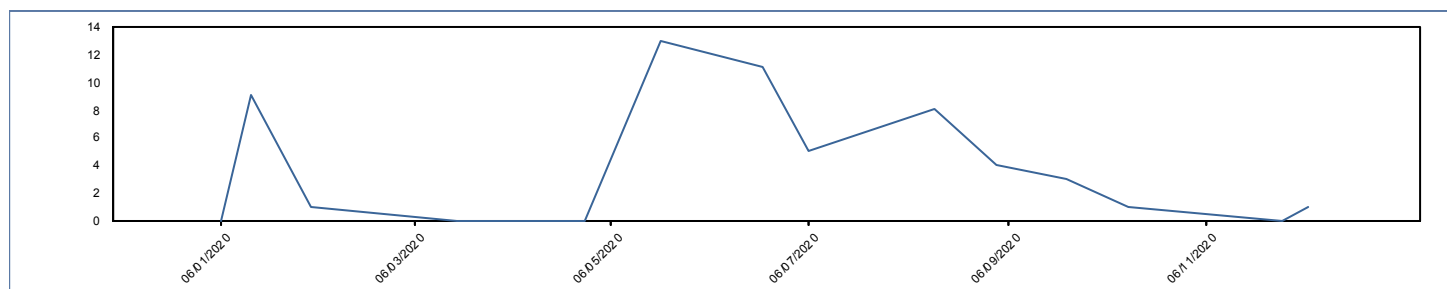
CHI0084

Number of readings

14

Number of breaches

0



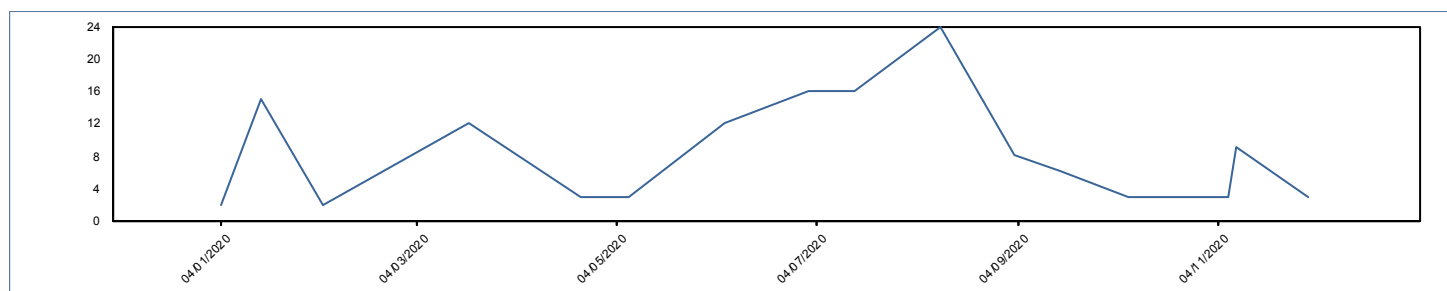
CHI0089

Number of readings

16

Number of breaches

0



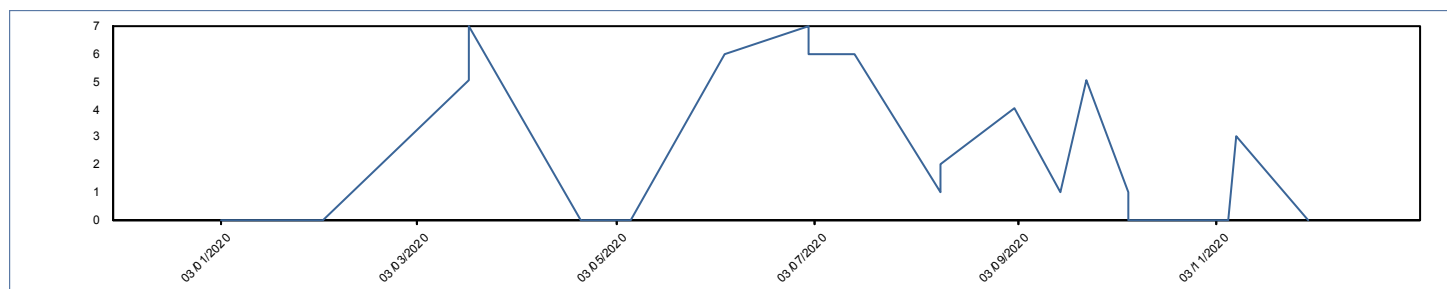
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

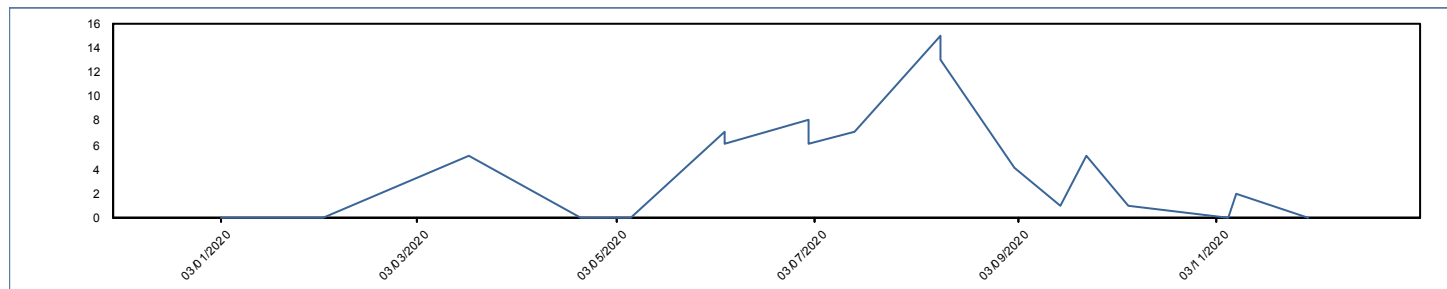
CHI0097

Number of readings

34

Number of breaches

0



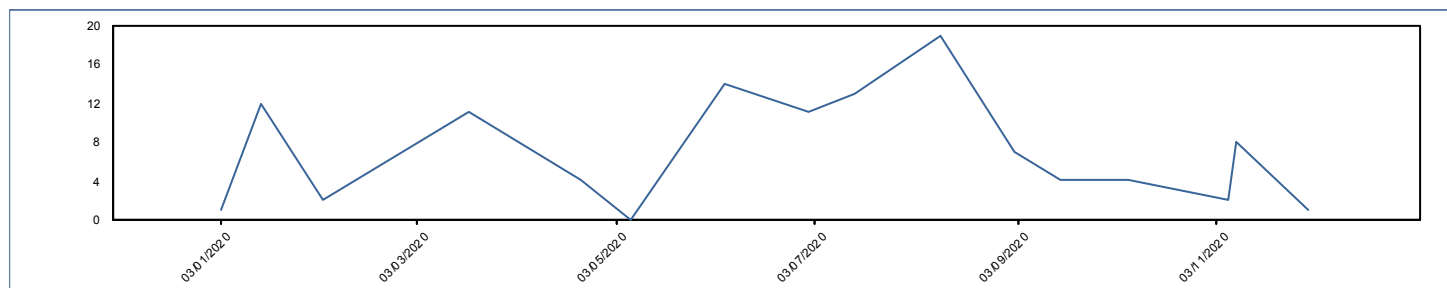
CHI0098

Number of readings

16

Number of breaches

0



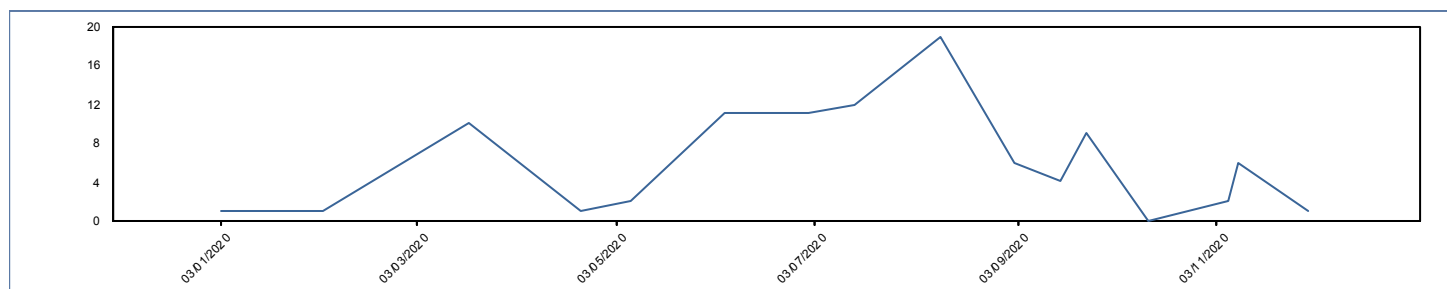
CHI0099

Number of readings

16

Number of breaches

0



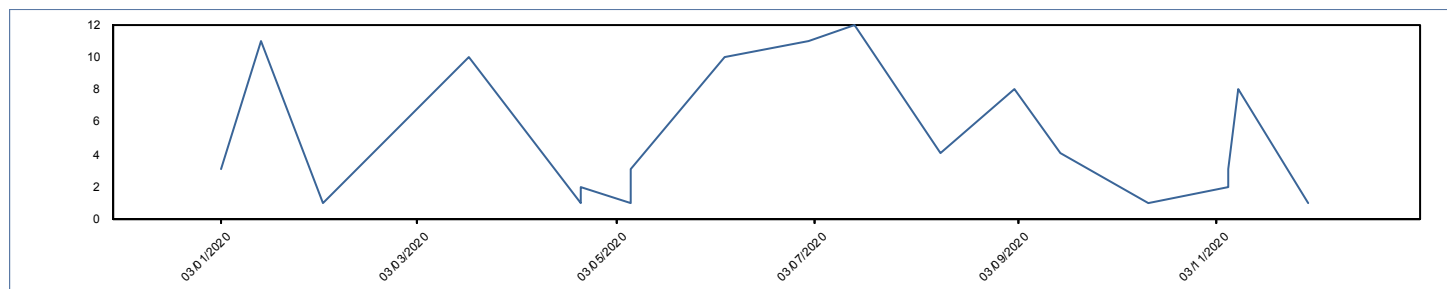
CHI0100

Number of readings

22

Number of breaches

0



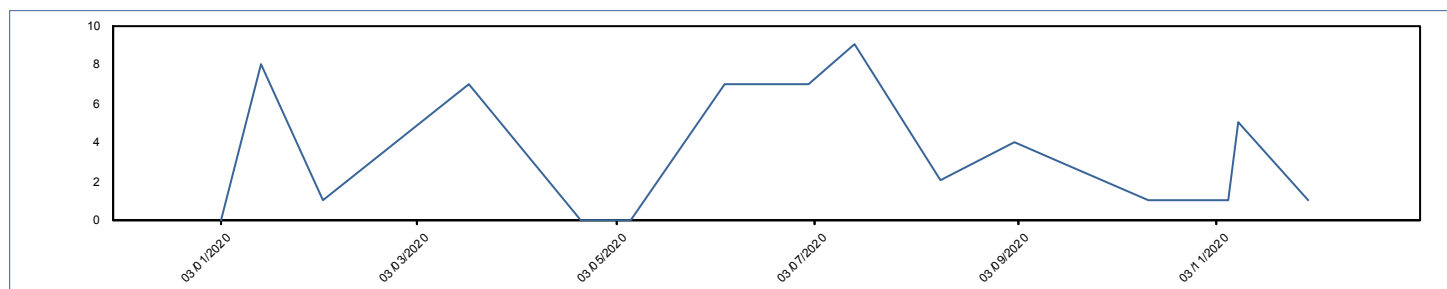
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

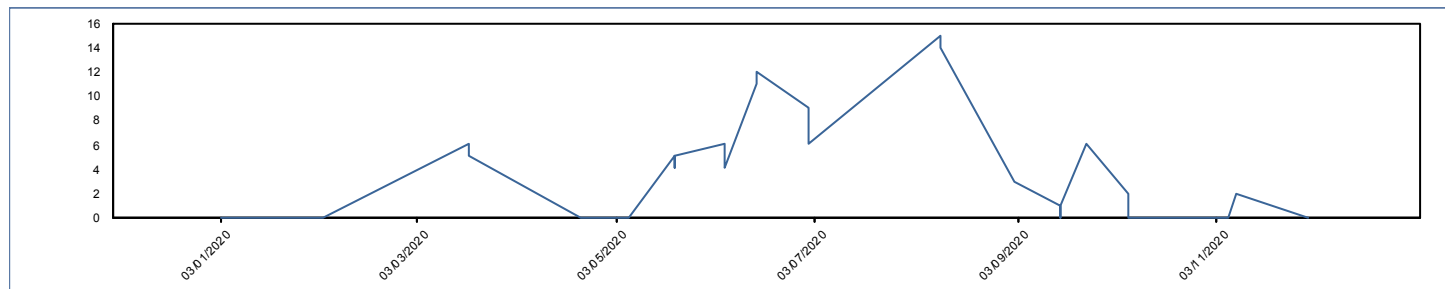
CHI0102

Number of readings

39

Number of breaches

0



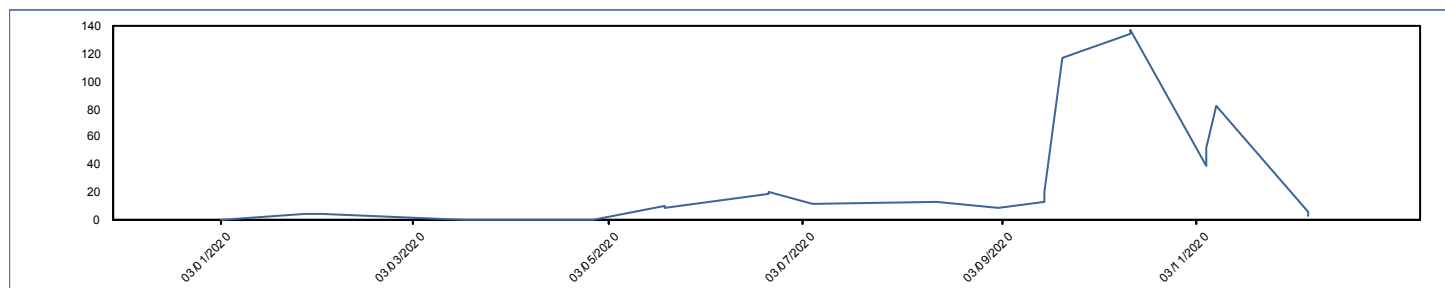
CHI0103

Number of readings

24

Number of breaches

0



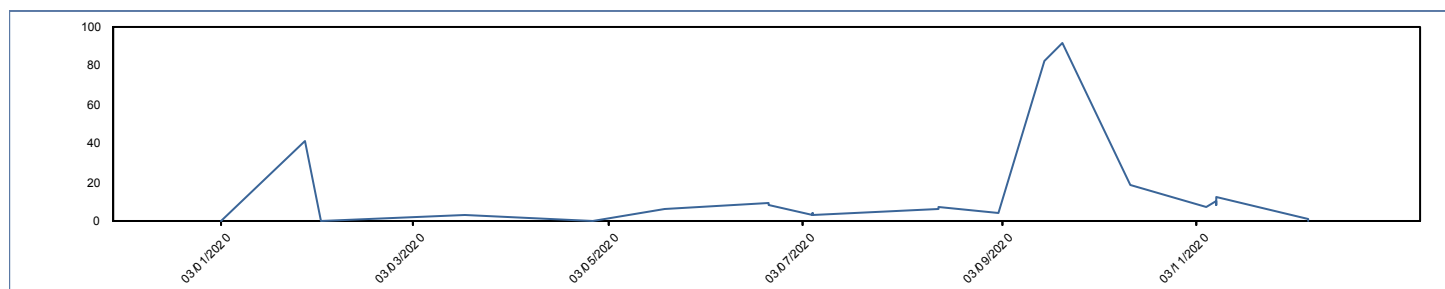
CHI0104

Number of readings

30

Number of breaches

0



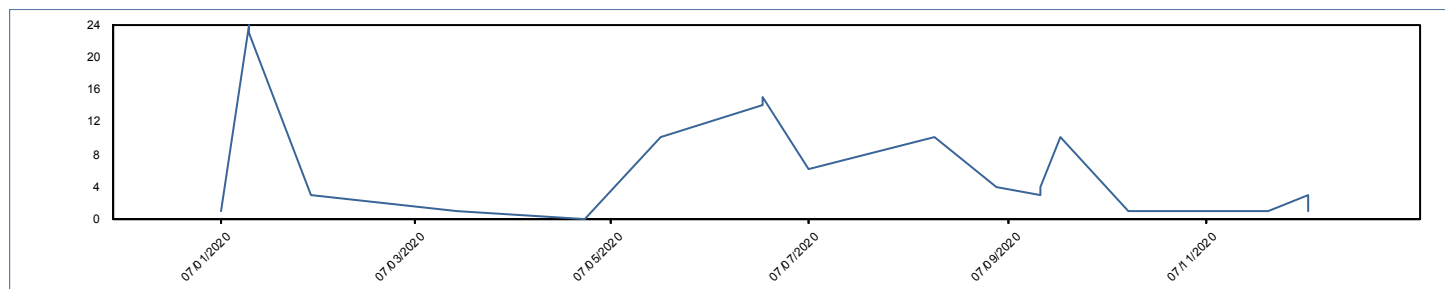
CHI0105

Number of readings

24

Number of breaches

0



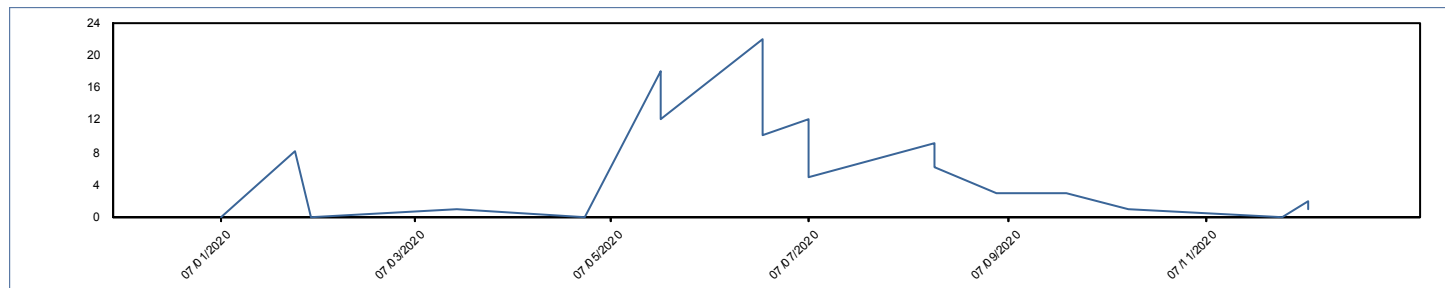
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

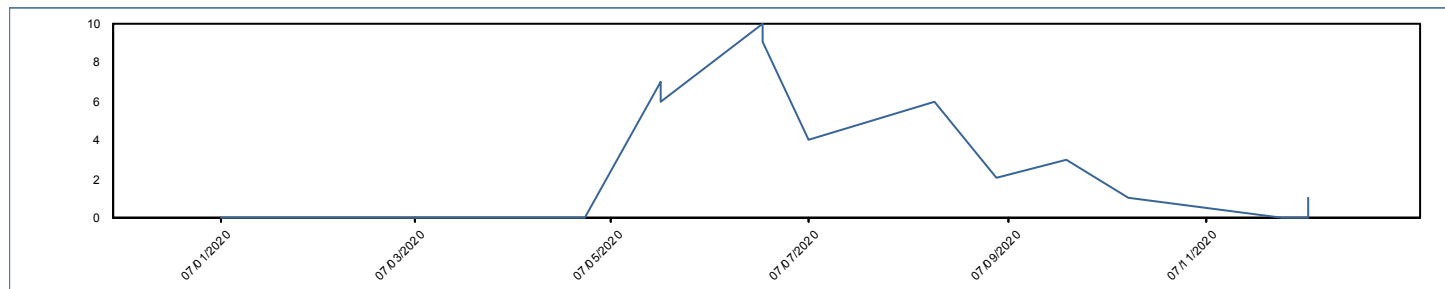
CHI0107

Number of readings

25

Number of breaches

0



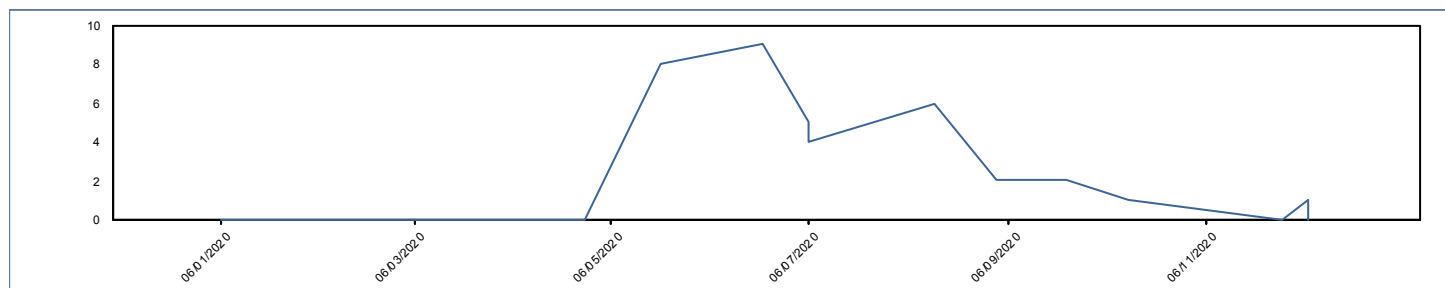
CHI0108

Number of readings

25

Number of breaches

0



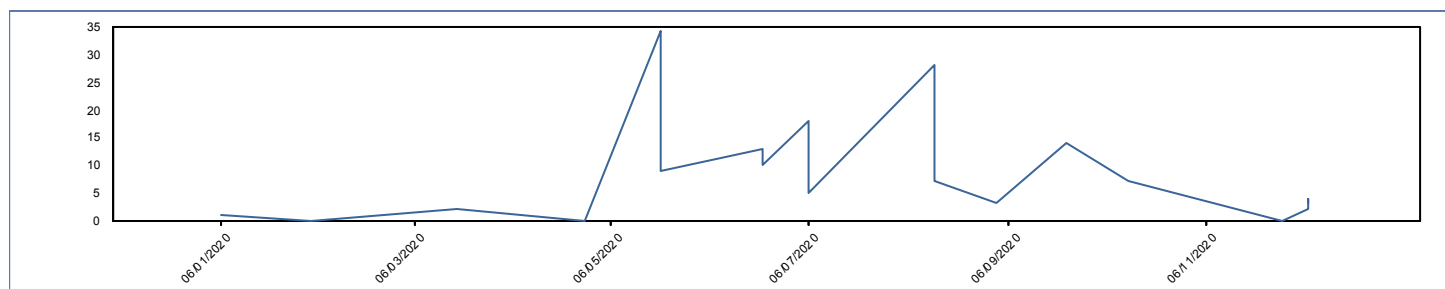
CHI0109

Number of readings

25

Number of breaches

0



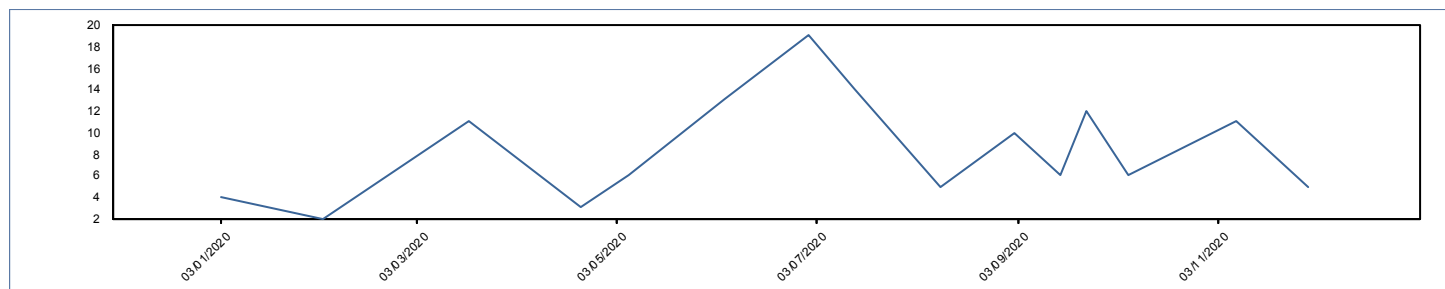
CHI0110

Number of readings

15

Number of breaches

0



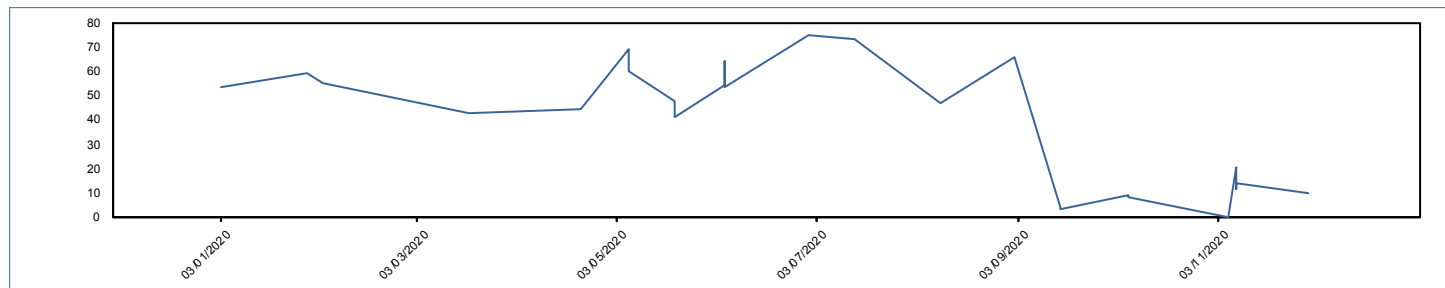
CHI0111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

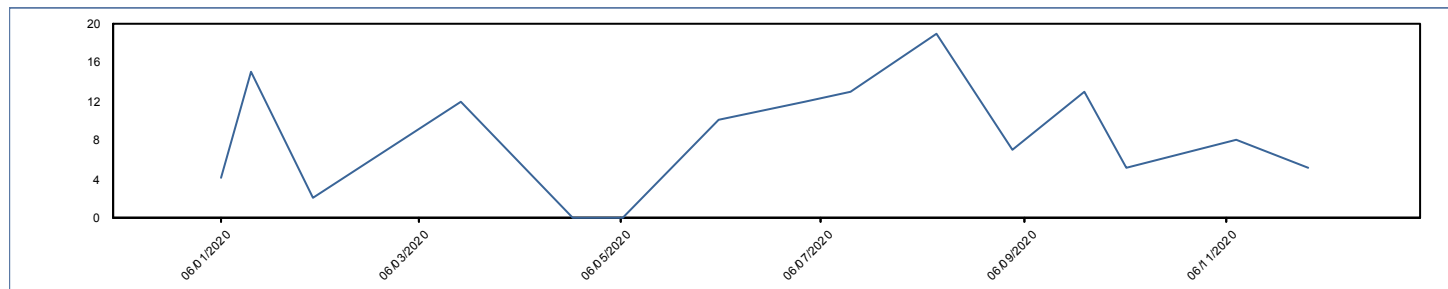
CHIWO112

Number of readings

15

Number of breaches

0



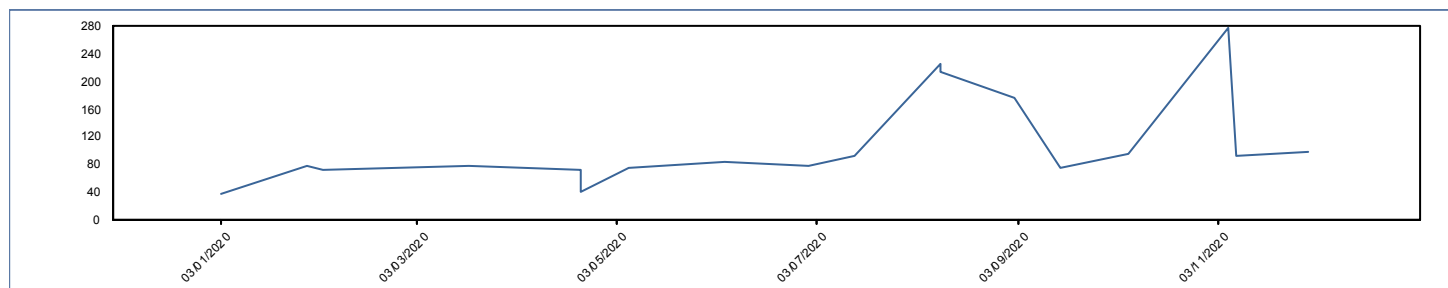
CHIWO113

Number of readings

20

Number of breaches

0



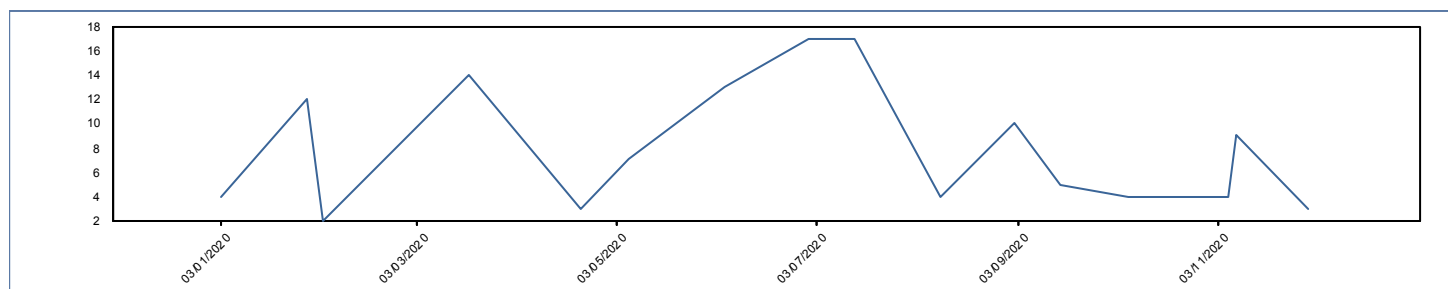
CHIWO115

Number of readings

16

Number of breaches

0



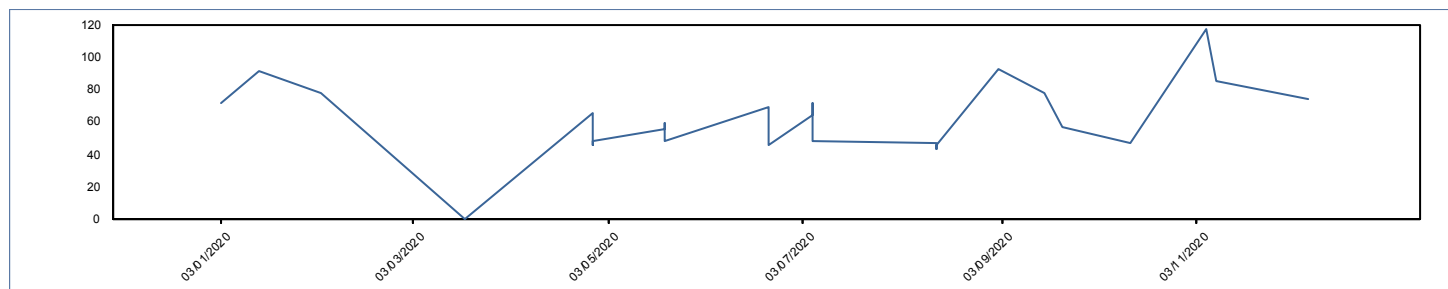
CHIWO116

Number of readings

26

Number of breaches

0



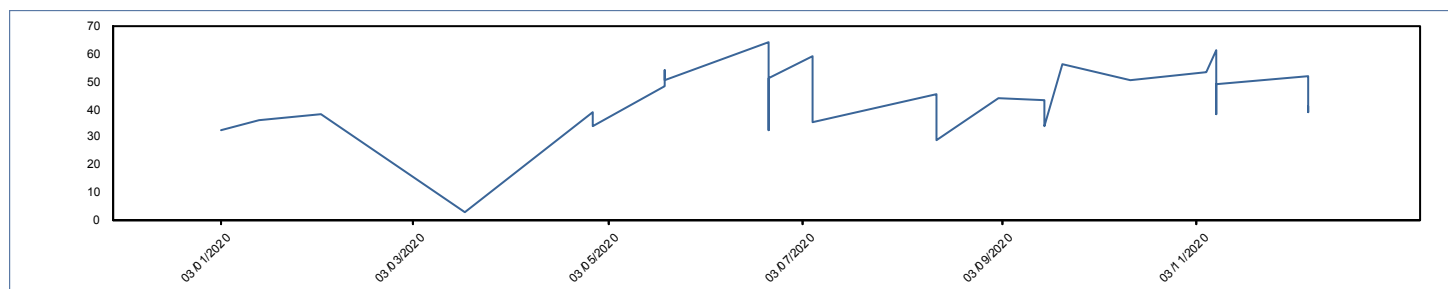
CHIWO117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

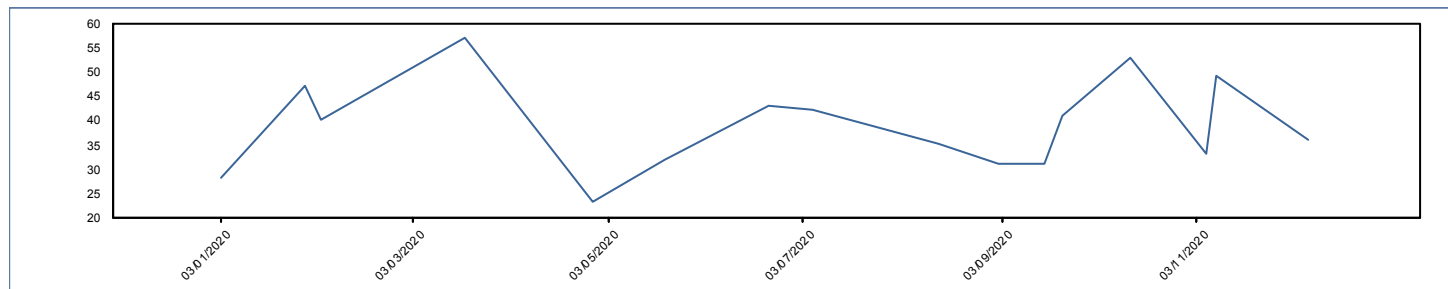
CHIWO118

Number of readings

16

Number of breaches

0



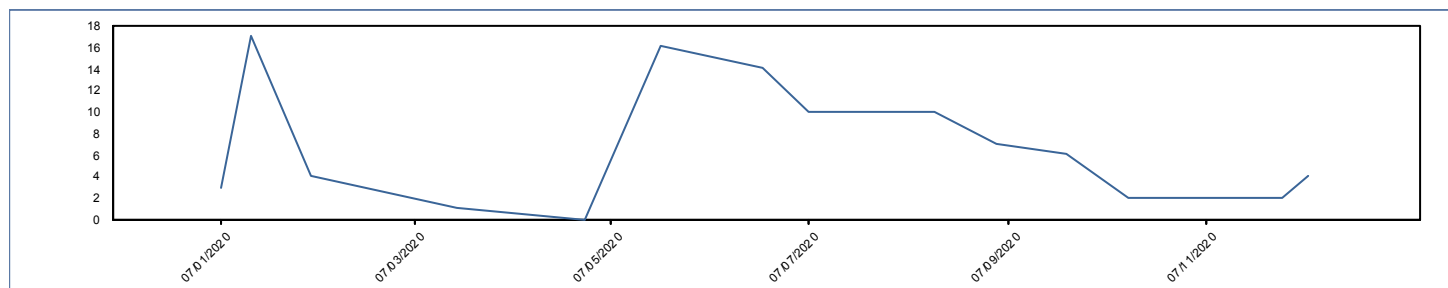
CHIWO120

Number of readings

14

Number of breaches

0



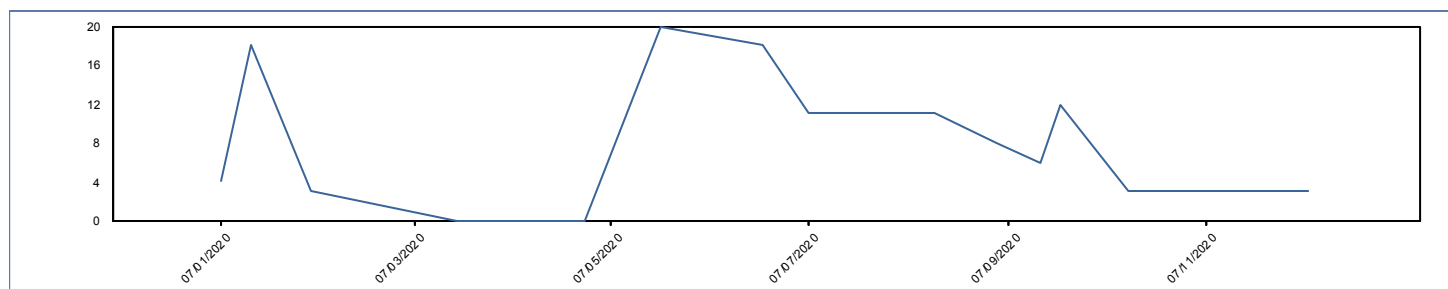
CHIWO121

Number of readings

15

Number of breaches

0



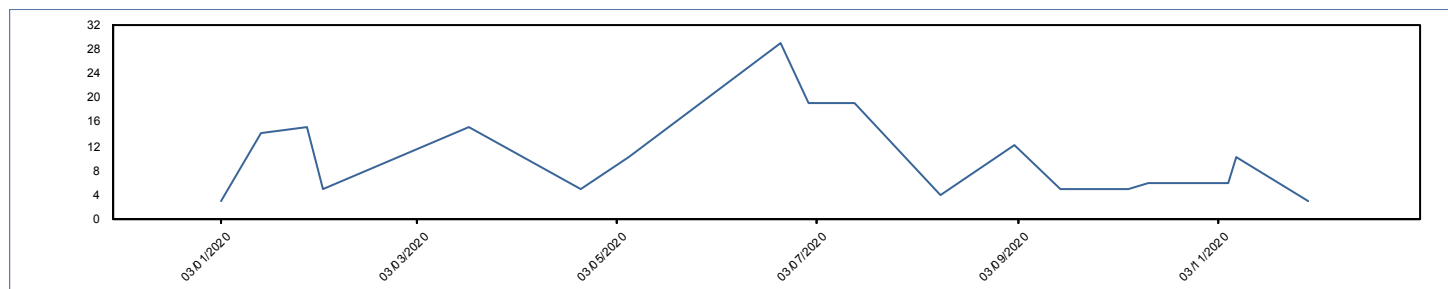
CHIWO123

Number of readings

18

Number of breaches

0



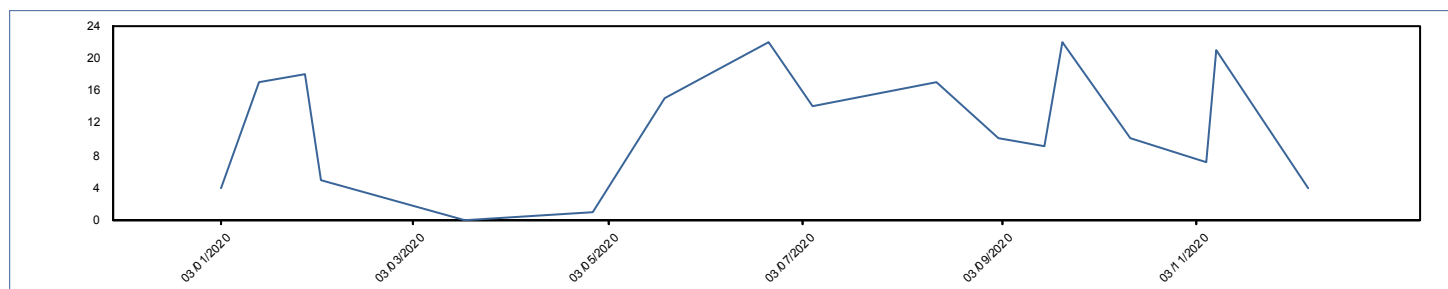
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

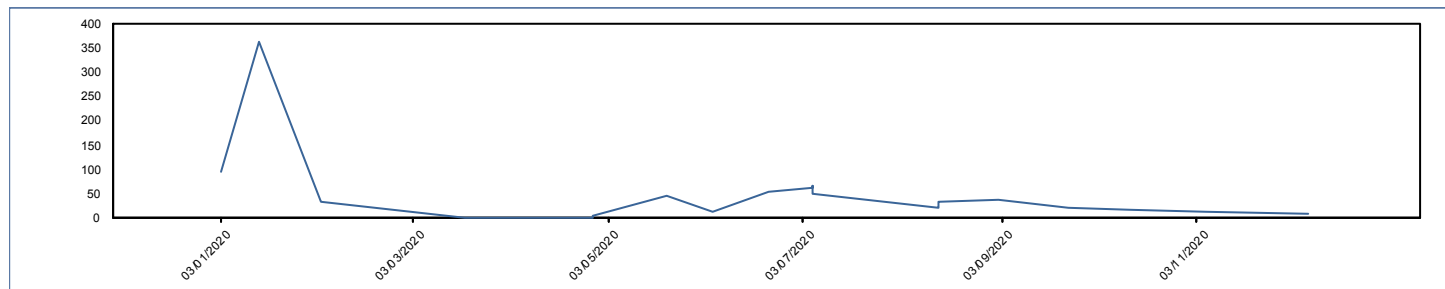
CHI0125

Number of readings

20

Number of breaches

0



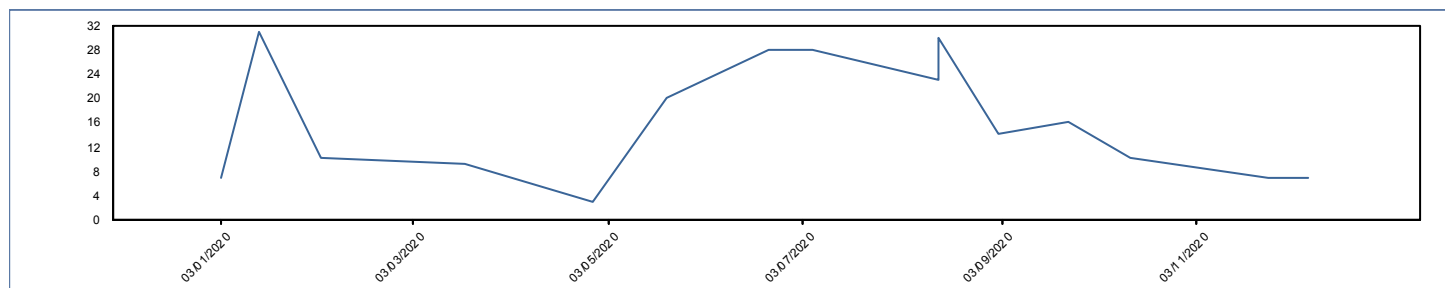
CHI0126

Number of readings

17

Number of breaches

0



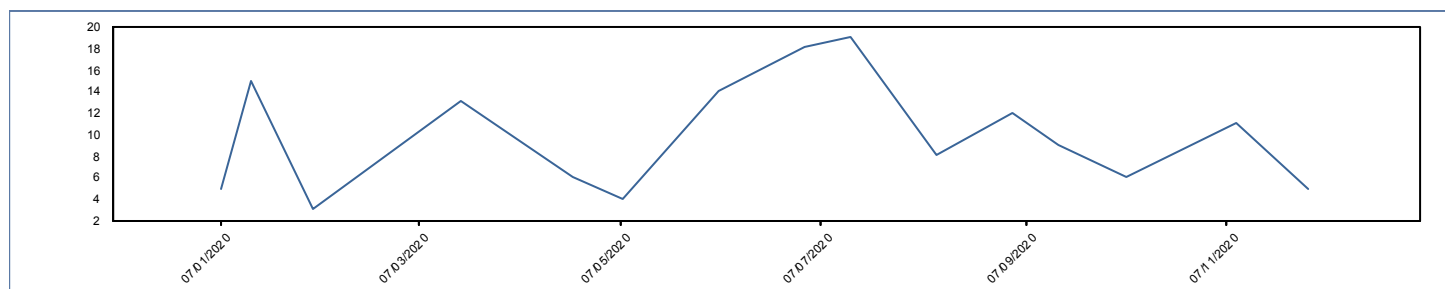
CHI0127

Number of readings

15

Number of breaches

0



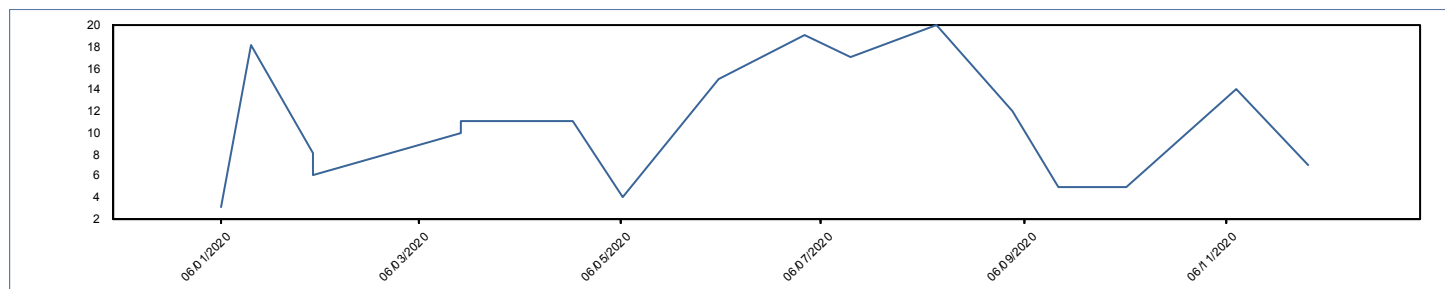
CHI0128

Number of readings

19

Number of breaches

0



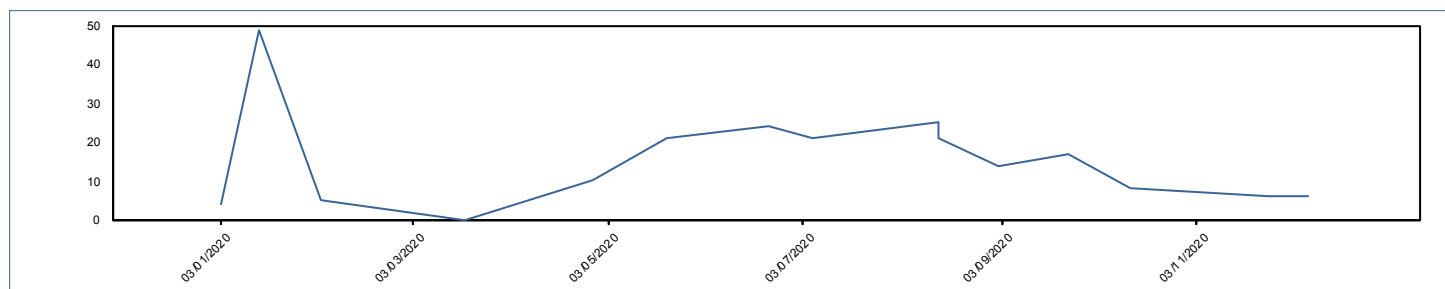
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

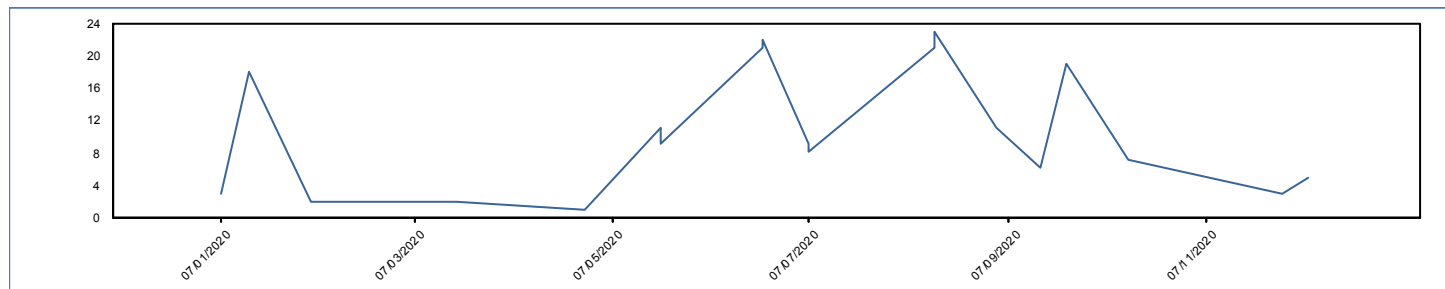
CHI1602

Number of readings

25

Number of breaches

0



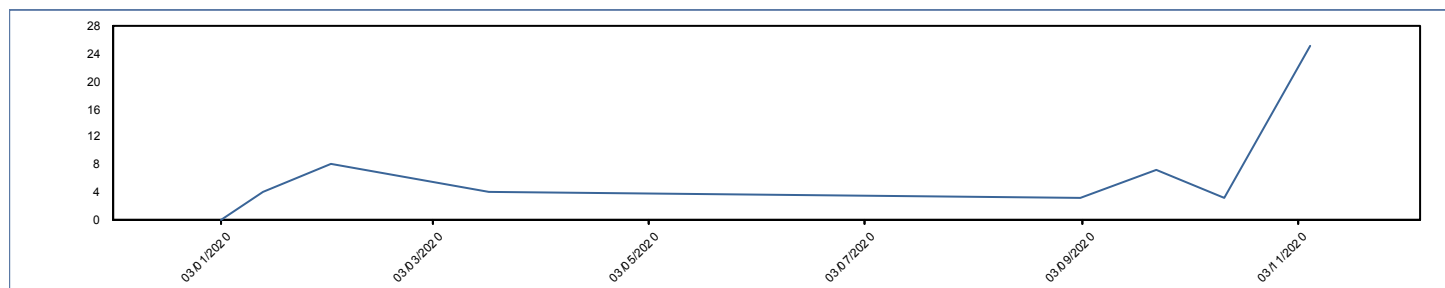
CHI1603

Number of readings

8

Number of breaches

0



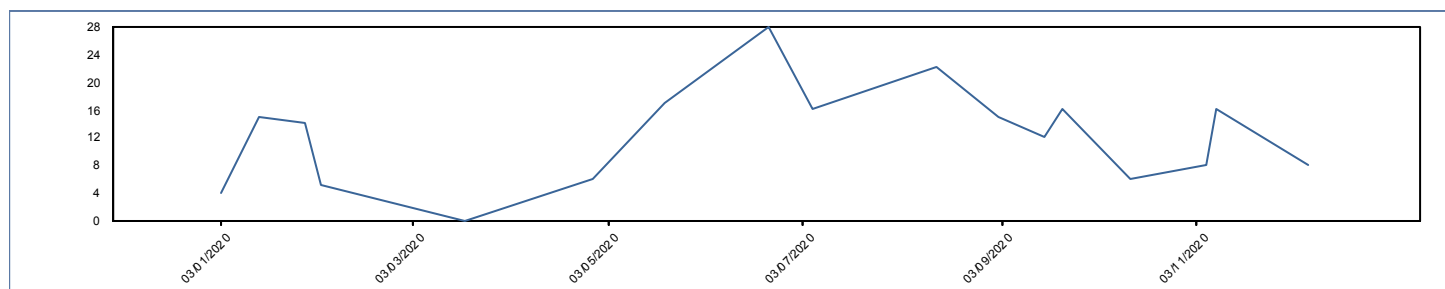
CHI1604

Number of readings

17

Number of breaches

0



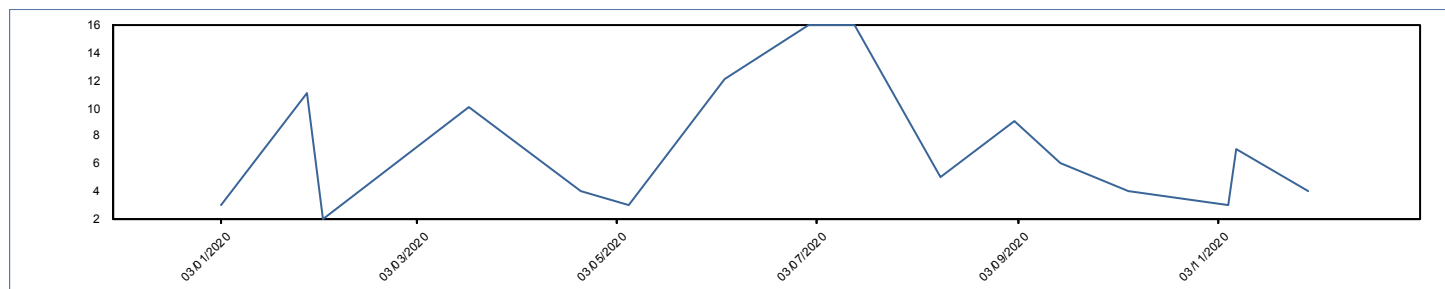
CHI1605

Number of readings

16

Number of breaches

0



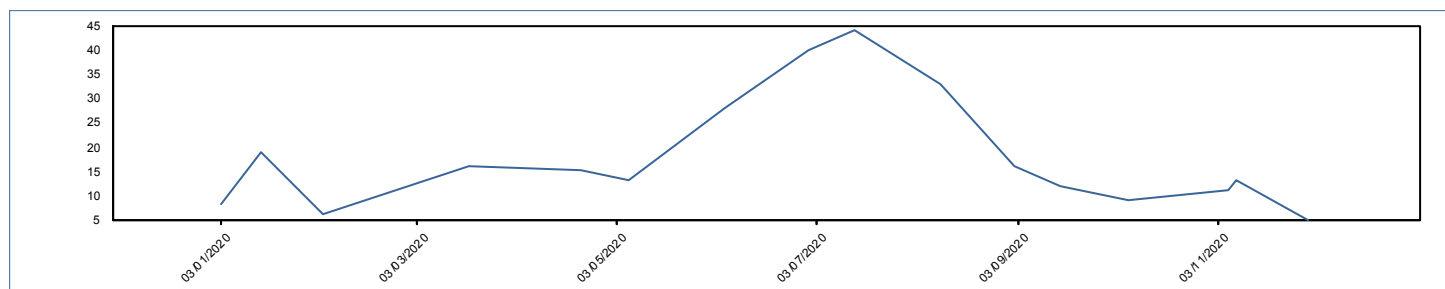
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

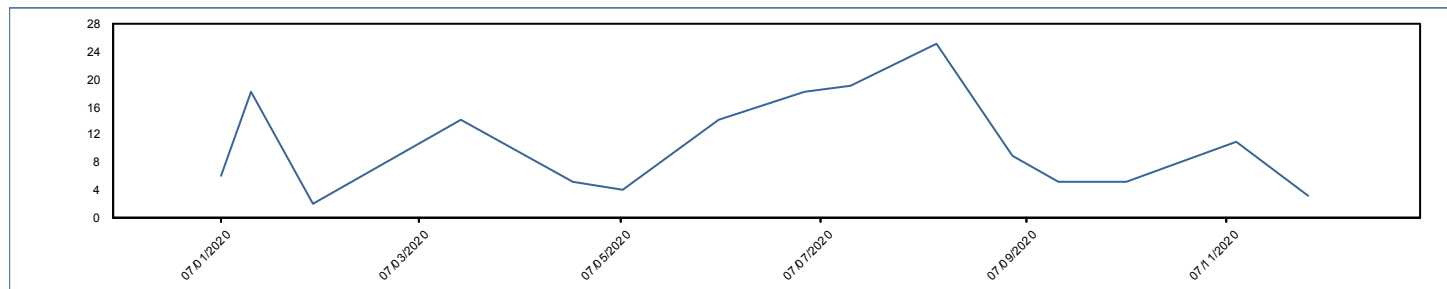
CHI1608

Number of readings

15

Number of breaches

0



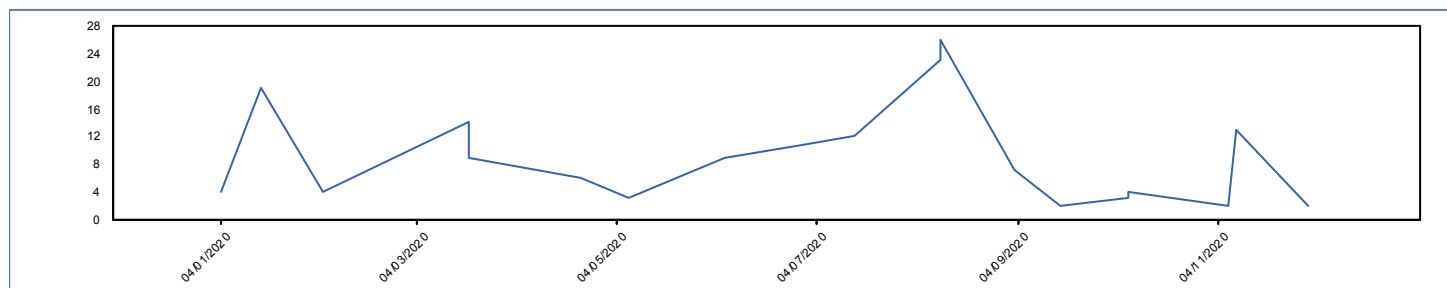
CHI1609

Number of readings

20

Number of breaches

0



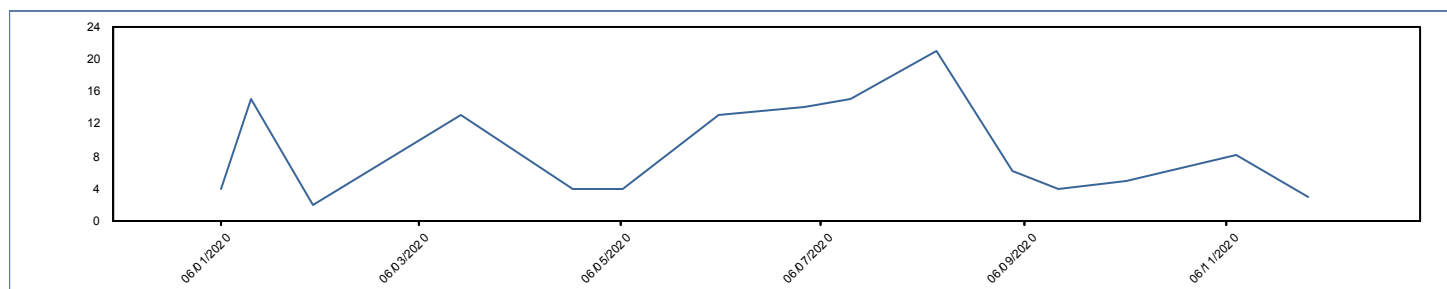
CHI1610

Number of readings

15

Number of breaches

0



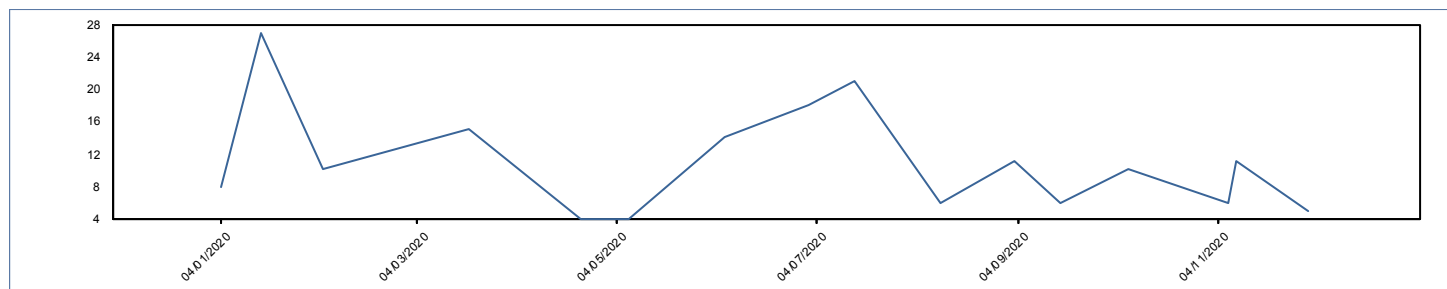
CHI1611

Number of readings

16

Number of breaches

0



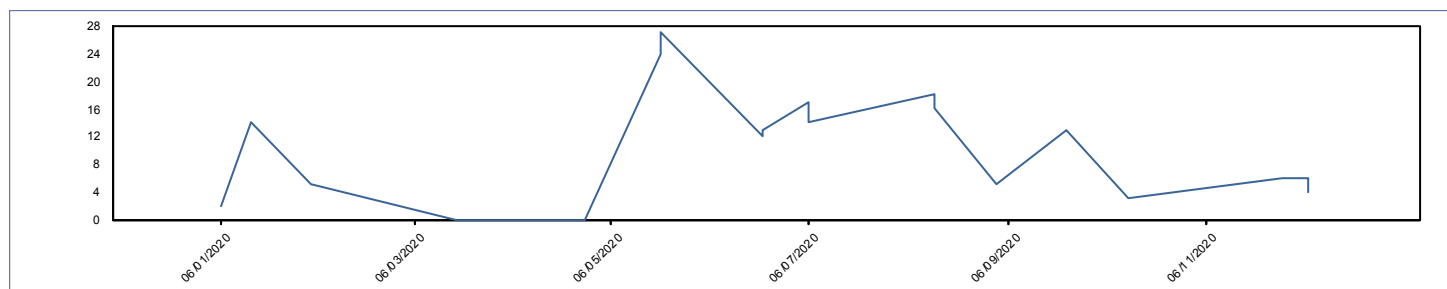
CHI1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

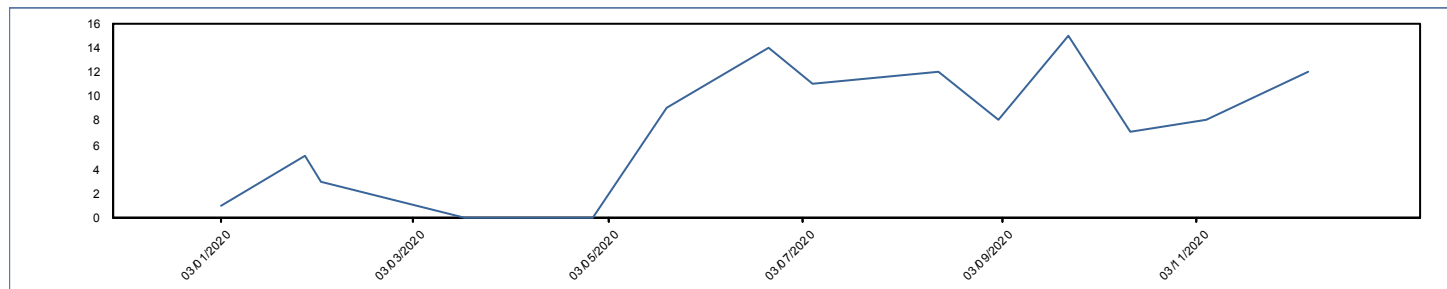
GW44

Number of readings

14

Number of breaches

0



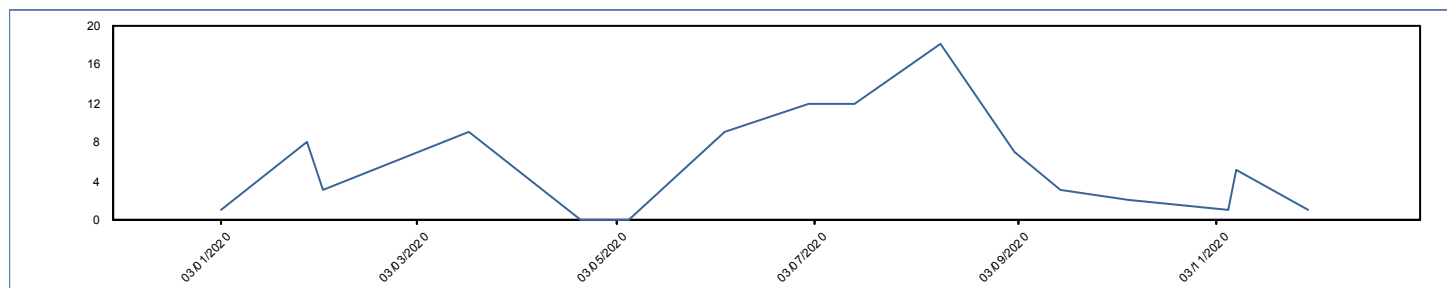
GW48

Number of readings

16

Number of breaches

0



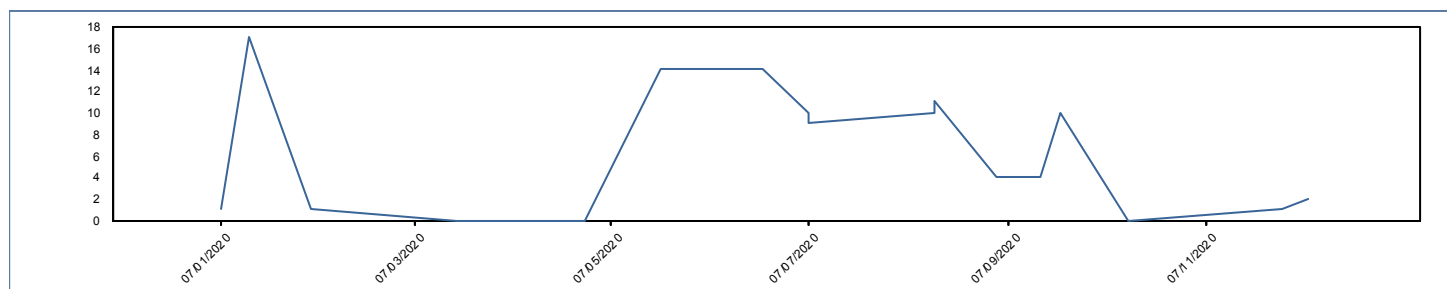
GW56

Number of readings

17

Number of breaches

0



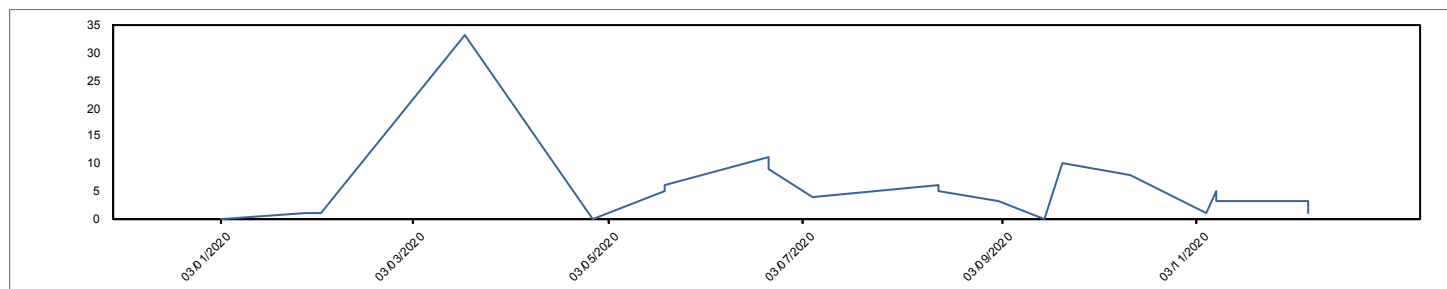
GW57

Number of readings

30

Number of breaches

0



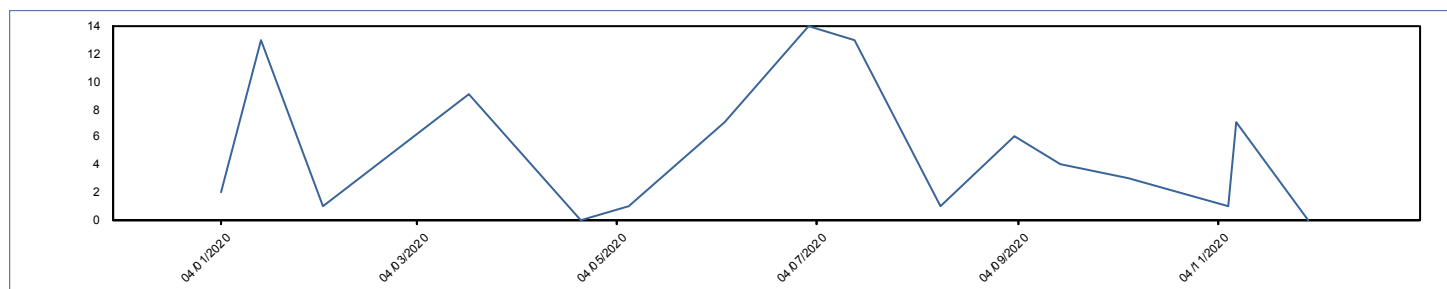
GW88

Number of readings

16

Number of breaches

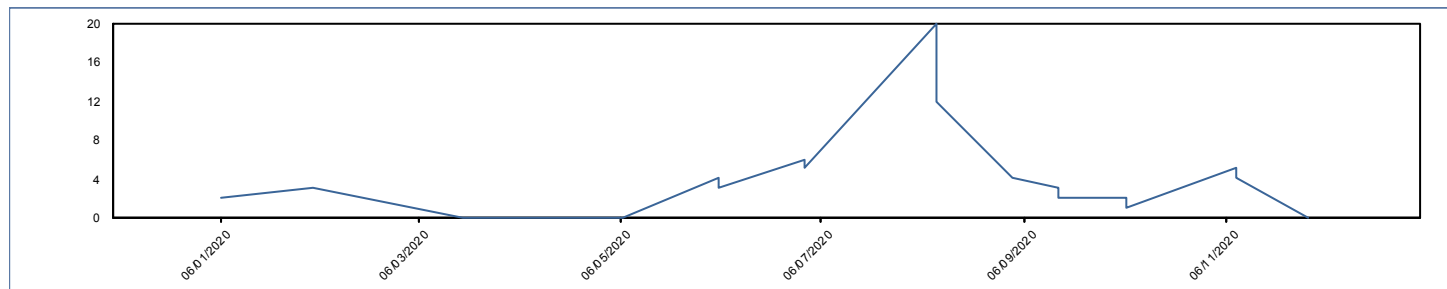
0



Data from: 1 Jan 2020 to: 31 Dec 2020

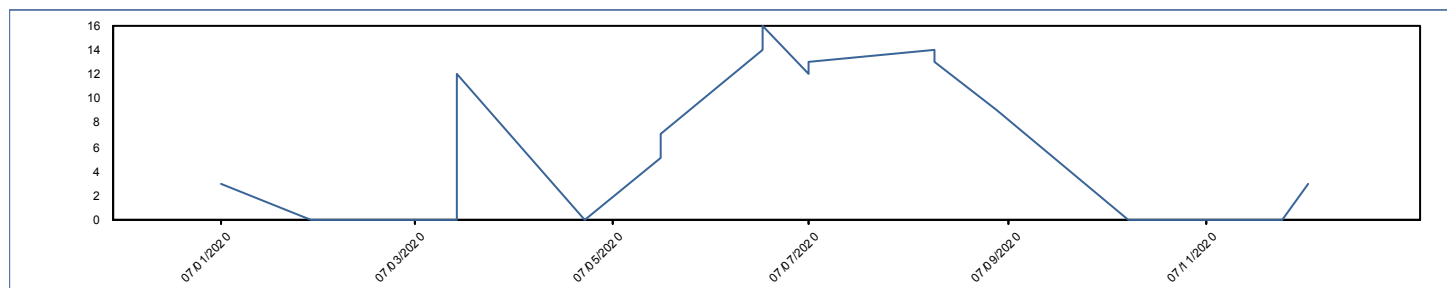
LC005A

Number of readings 29 Number of breaches 0



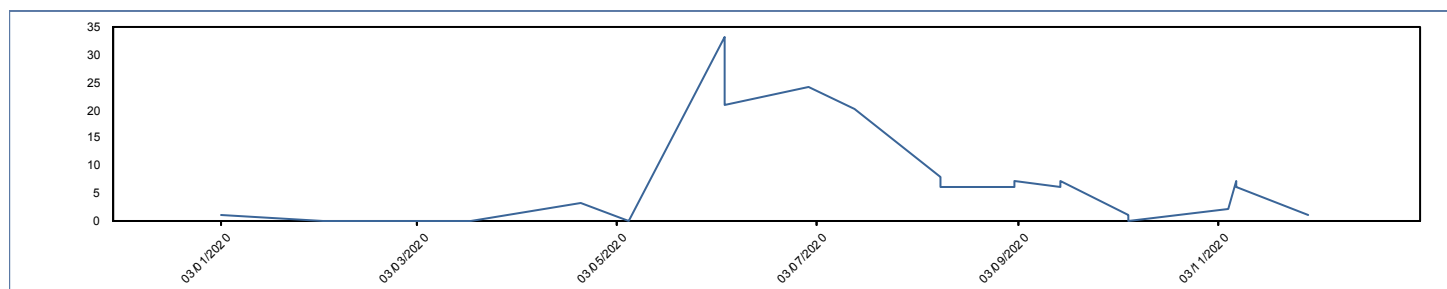
LC01B

Number of readings 24 Number of breaches 0



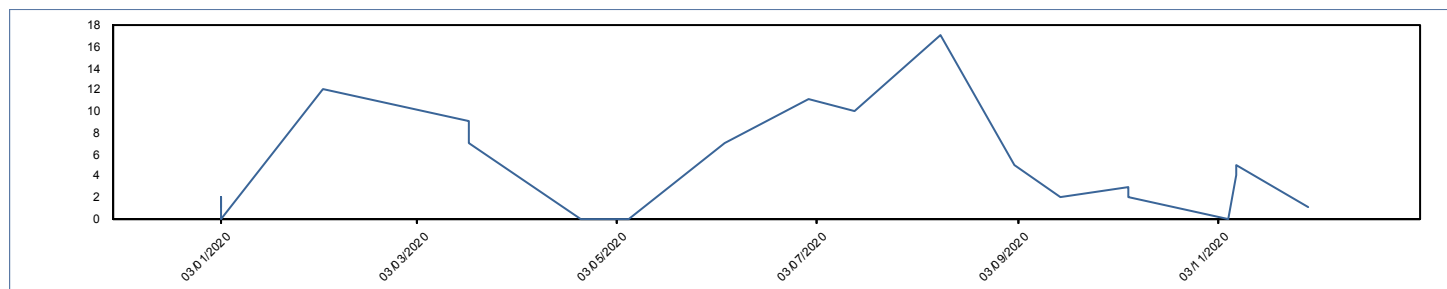
LM04B

Number of readings 28 Number of breaches 0



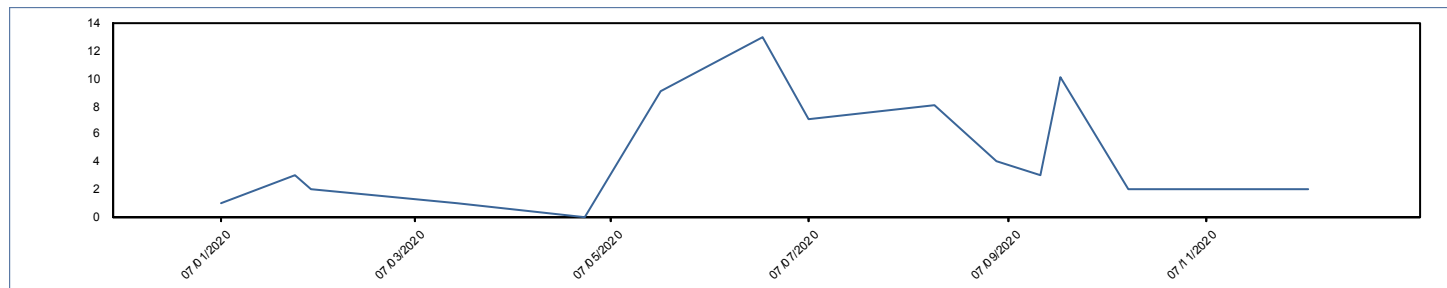
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

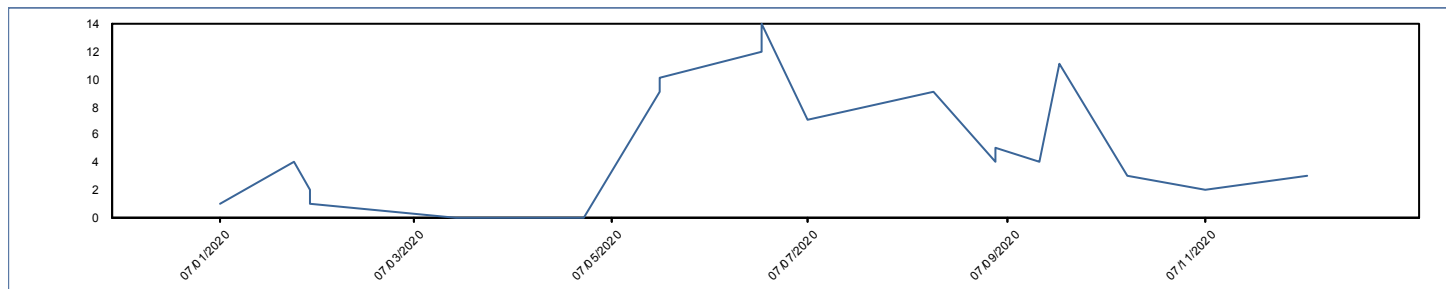
PBLFGXGW03

Number of readings

19

Number of breaches

0



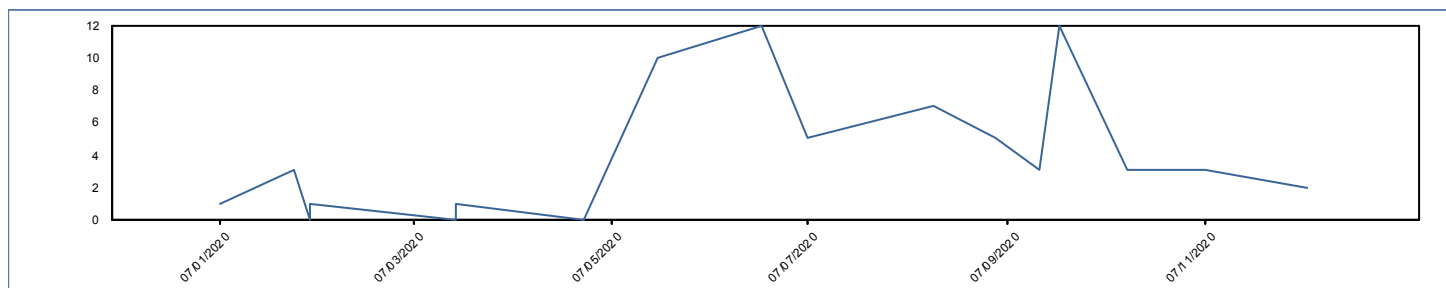
PBLFGXGW07

Number of readings

17

Number of breaches

0



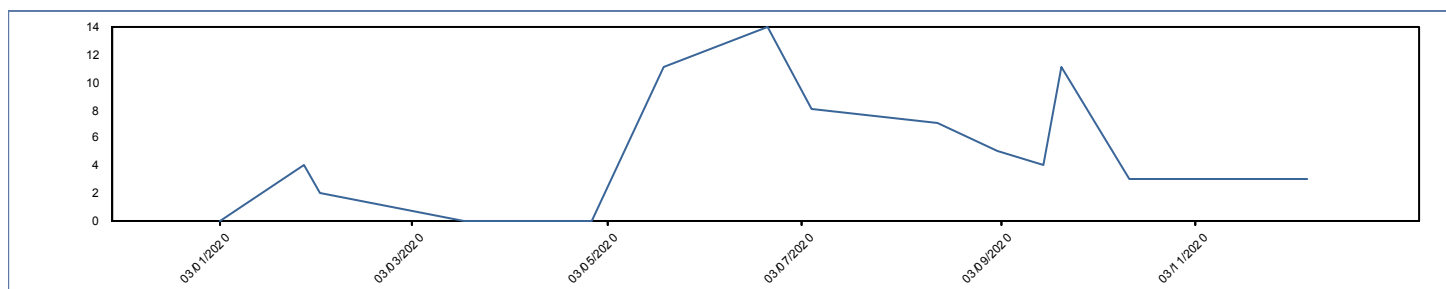
PBLFGXGW18

Number of readings

15

Number of breaches

0



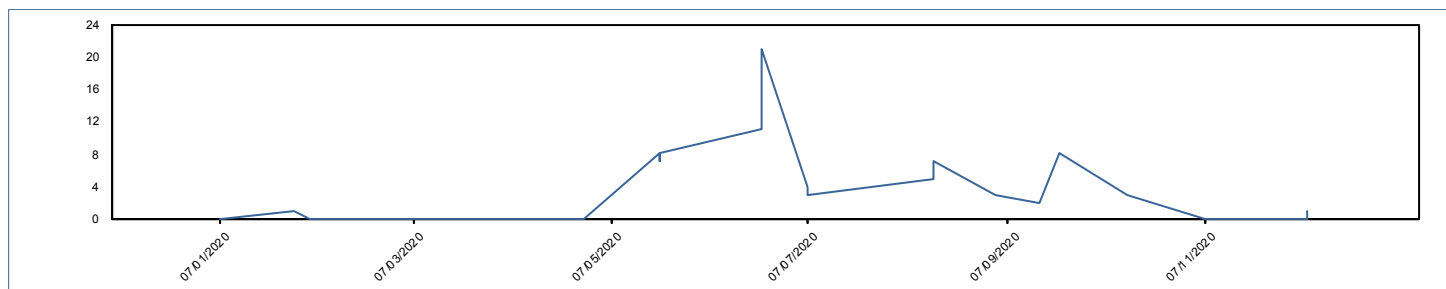
PBLFGXGW28

Number of readings

29

Number of breaches

0



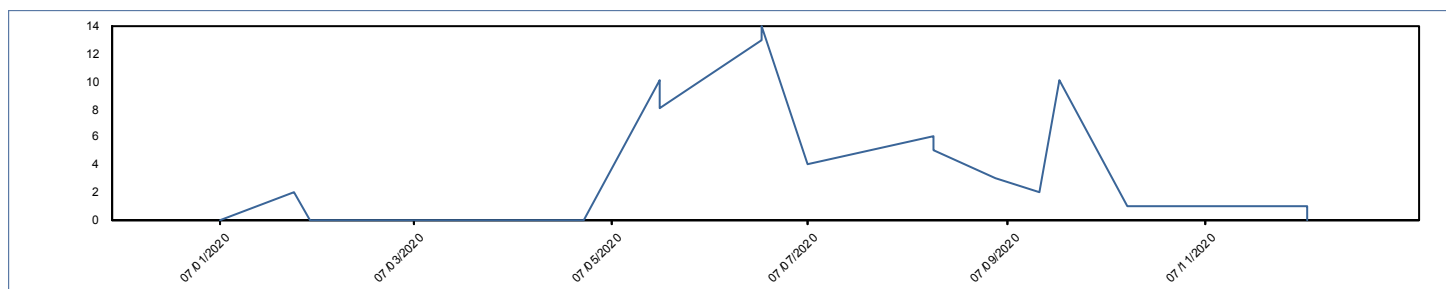
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

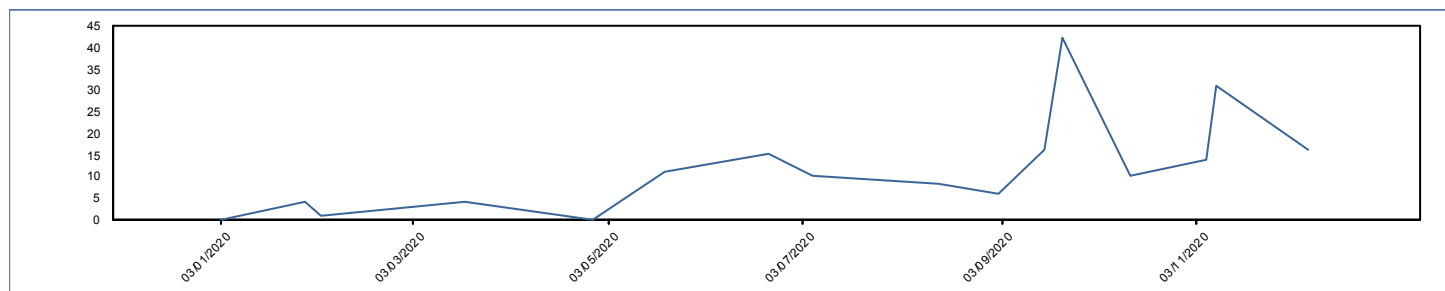
PBLFGXGW30

Number of readings

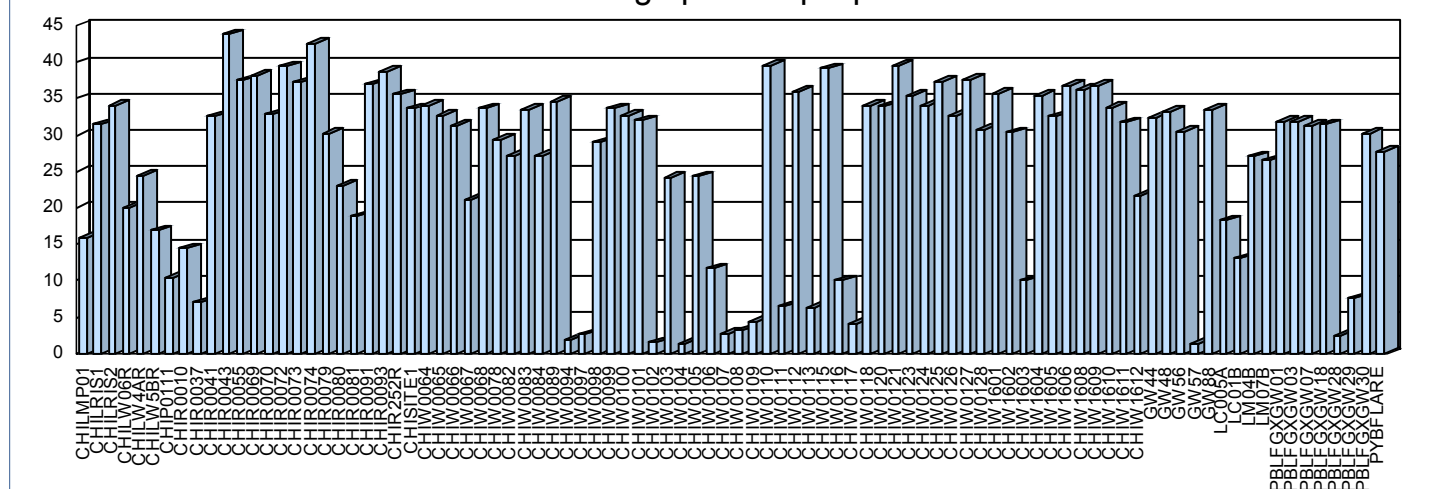
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.70	26.00	16.02	224.30	8.66	75.07	26.00
CHILRIS1	1	0	31.50	31.50	31.50	31.50	0.00	0.00	31.50
CHILRIS2	5	0	31.30	36.40	34.04	170.20	1.85	3.41	36.40
CHILW06R	28	0	0.80	38.70	20.01	560.30	13.99	195.85	38.30
CHILW4AR	27	0	1.70	45.70	24.46	660.40	15.13	228.80	43.90
CHILW5BR	29	0	1.00	36.70	16.89	489.90	10.20	103.99	36.35
CHIP0111	30	0	1.30	36.20	10.44	313.20	10.65	113.34	35.85
CHIR0010	30	0	2.00	37.00	14.41	432.30	10.47	109.59	36.25
CHIR0037	31	0	1.10	18.90	7.03	217.90	5.48	30.05	18.85
CHIR0041	16	0	29.40	36.50	32.59	521.40	1.85	3.42	36.50
CHIR0043	15	0	38.20	47.00	43.74	656.10	2.22	4.93	47.00
CHIR0055	15	0	33.40	41.00	37.50	562.50	1.78	3.17	41.00
CHIR0069	15	0	33.00	40.60	38.09	571.30	1.89	3.58	40.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	29.70	35.30	32.83	492.40	1.30	1.70	35.30
CHIR0072	16	0	32.40	43.60	39.43	630.90	2.70	7.30	43.60
CHIR0073	18	0	23.10	45.00	37.23	670.10	5.99	35.91	45.00
CHIR0074	15	0	39.30	47.80	42.59	638.80	2.15	4.61	47.80
CHIR0079	15	0	27.80	35.00	30.26	453.90	1.91	3.64	35.00
CHIR0080	23	0	0.90	40.30	23.07	530.50	13.63	185.86	40.00
CHIR0081	35	0	3.00	34.30	18.81	658.50	9.09	82.59	33.75
CHIR0091	17	0	26.80	40.60	36.96	628.30	3.37	11.39	40.60
CHIR0093	17	0	33.10	43.00	38.78	659.30	2.96	8.75	43.00
CHIR252R	14	0	31.80	42.10	35.55	497.70	3.26	10.66	42.10
CHISITE1	57	0	30.30	37.70	33.68	1,919.60	1.81	3.27	36.70
CHIW0064	15	0	23.30	38.40	34.03	510.40	3.80	14.40	38.40
CHIW0065	14	0	28.50	39.90	32.74	458.40	2.74	7.53	39.90
CHIW0066	16	0	28.70	33.90	31.24	499.80	1.38	1.91	33.90
CHIW0067	37	0	11.90	28.70	21.14	782.30	2.99	8.94	28.50
CHIW0068	16	0	30.50	37.00	33.59	537.40	1.49	2.23	37.00
CHIW0078	20	0	16.20	34.80	29.38	587.60	5.45	29.69	34.25
CHIW0082	19	0	22.00	30.10	27.19	516.60	1.81	3.27	30.10
CHIW0083	16	0	27.20	41.30	33.56	536.90	3.10	9.58	41.30
CHIW0084	14	0	21.70	31.60	27.26	381.70	3.06	9.37	31.60
CHIW0089	16	0	29.10	37.10	34.68	554.80	2.24	5.01	37.10
CHIW0094	34	0	0.40	4.40	1.98	67.40	0.88	0.77	4.20
CHIW0097	34	0	0.70	11.30	2.64	89.60	1.79	3.21	7.95
CHIW0098	16	0	20.90	37.40	28.94	463.00	4.30	18.52	37.40
CHIW0099	16	0	18.20	38.30	33.64	538.30	4.44	19.69	38.30
CHIW0100	22	0	14.30	43.90	32.75	720.50	7.31	53.42	42.40
CHIW0101	16	0	24.30	37.10	32.03	512.50	3.10	9.62	37.10
CHIW0102	39	0	0.10	3.50	1.58	61.70	0.71	0.51	3.00
CHIW0103	24	0	0.70	35.30	24.23	581.40	9.59	92.05	34.90

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	0.00	5.20	1.35	40.60	1.04	1.09	4.25
CHIW0105	24	0	14.70	37.20	24.31	583.40	7.14	50.92	36.50
CHIW0106	26	0	2.20	26.80	11.67	303.30	8.55	73.17	26.55
CHIW0107	25	0	0.90	11.70	2.78	69.40	2.58	6.66	10.70
CHIW0108	25	0	0.30	12.60	3.15	78.70	2.89	8.38	10.45
CHIW0109	25	0	0.40	18.00	4.36	109.00	4.12	16.95	16.15
CHIW0110	15	0	36.10	42.20	39.61	594.10	1.53	2.33	42.20
CHIW0111	28	0	2.00	20.90	6.50	182.00	3.58	12.82	16.55
CHIW0112	15	0	31.70	40.40	36.01	540.10	2.17	4.72	40.40
CHIW0113	20	0	2.50	11.10	6.42	128.40	2.95	8.68	10.70
CHIW0115	16	0	34.30	44.70	39.14	626.30	2.67	7.11	44.70
CHIW0116	26	0	4.40	13.30	10.07	261.80	2.24	5.00	13.05
CHIW0117	32	0	2.50	7.10	4.13	132.30	1.10	1.20	6.90
CHIW0118	16	0	31.10	38.90	34.11	545.80	1.91	3.63	38.90
CHIW0120	14	0	28.20	42.60	33.94	475.10	3.55	12.62	42.60
CHIW0121	15	0	33.10	47.50	39.53	593.00	4.08	16.68	47.50
CHIW0123	18	0	26.60	44.70	35.48	638.60	4.15	17.24	44.70
CHIW0124	17	0	27.80	42.00	33.98	577.60	3.23	10.46	42.00
CHIW0125	20	0	26.60	58.60	37.39	747.80	9.39	88.21	56.70
CHIW0126	17	0	15.60	53.80	32.74	556.50	12.39	153.40	53.80
CHIW0127	15	0	31.70	43.80	37.61	564.10	3.62	13.08	43.80
CHIW0128	19	0	19.60	42.30	30.81	585.40	6.50	42.27	42.30
CHIW1601	15	0	25.50	44.60	35.77	536.50	4.73	22.34	44.60
CHIW1602	25	0	7.70	53.70	30.38	759.50	14.63	214.16	52.25
CHIW1603	8	0	0.10	48.00	10.00	80.00	16.43	270.08	48.00
CHIW1604	17	0	30.90	41.70	35.42	602.10	3.26	10.61	41.70
CHIW1605	16	0	27.40	35.60	32.56	520.90	1.83	3.34	35.60
CHIW1606	16	0	28.60	45.10	36.83	589.30	4.70	22.08	45.10
CHIW1608	15	0	32.80	38.90	36.17	542.60	1.78	3.18	38.90

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	24.90	42.90	36.75	734.90	5.32	28.28	42.40
CHIW1610	15	0	29.00	41.50	33.73	506.00	3.58	12.85	41.50
CHIW1611	16	0	25.00	33.80	31.73	507.70	2.05	4.19	33.80
CHIW1612	24	0	4.80	44.00	21.73	521.50	11.15	124.31	41.55
GW44	14	0	29.30	37.90	32.47	454.60	2.24	5.02	37.90
GW48	16	0	25.80	38.60	33.20	531.20	3.43	11.80	38.60
GW56	17	0	25.40	41.30	30.51	518.60	4.76	22.70	41.30
GW57	30	0	0.10	2.80	1.39	41.80	0.68	0.46	2.70
GW88	16	0	30.70	35.80	33.47	535.50	1.59	2.52	35.80
LC005A	29	0	0.60	35.80	18.23	528.80	9.36	87.55	33.95
LC01B	24	0	3.00	33.10	13.04	313.00	8.43	71.02	31.85
LM04B	28	0	1.70	47.80	27.05	757.40	18.34	336.34	47.70
LM07B	25	0	1.90	35.20	26.45	661.30	8.88	78.86	35.10
PBLFGXGW01	15	0	27.80	35.90	31.79	476.90	2.50	6.27	35.90
PBLFGXGW03	19	0	17.90	38.50	31.85	605.20	5.64	31.85	38.50
PBLFGXGW07	17	0	5.10	38.40	31.32	532.50	8.57	73.47	38.40
PBLFGXGW18	15	0	24.70	35.80	31.41	471.10	3.40	11.56	35.80
PBLFGXGW28	29	0	0.10	11.70	2.42	70.30	2.68	7.21	10.50
PBLFGXGW29	28	0	0.80	35.60	7.54	211.00	9.95	98.93	33.05
PBLFGXGW30	16	0	25.70	34.20	30.14	482.20	2.46	6.04	34.20
PYBFLARE	19	0	0.20	36.70	27.74	527.00	11.81	139.54	36.70
Total	1,884	0	0.00	58.60	23.43	44,144.30	14.46	209.04	41.65

Data from: 1 Jan 2020 to: 31 Dec 2020

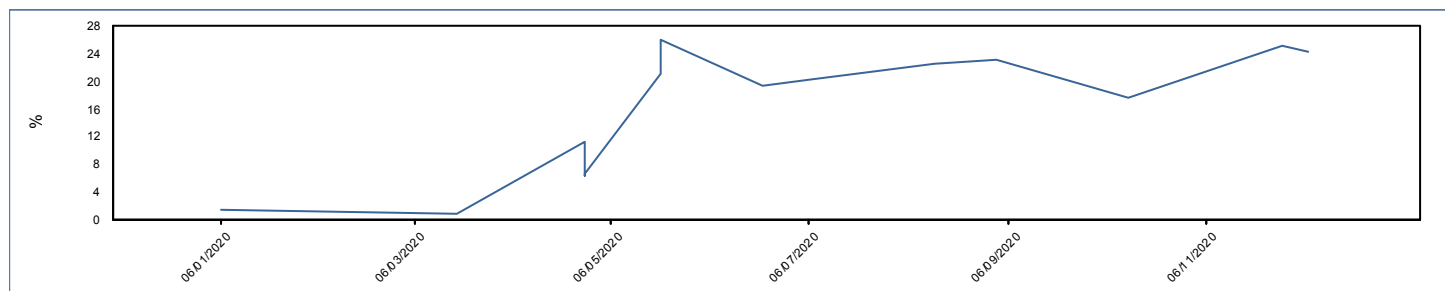
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



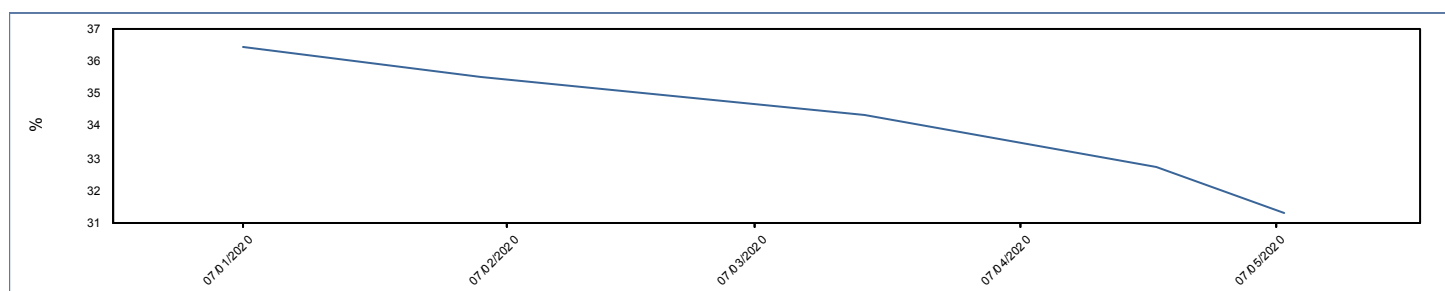
CHILRIS2

Number of readings

5

Number of breaches

0



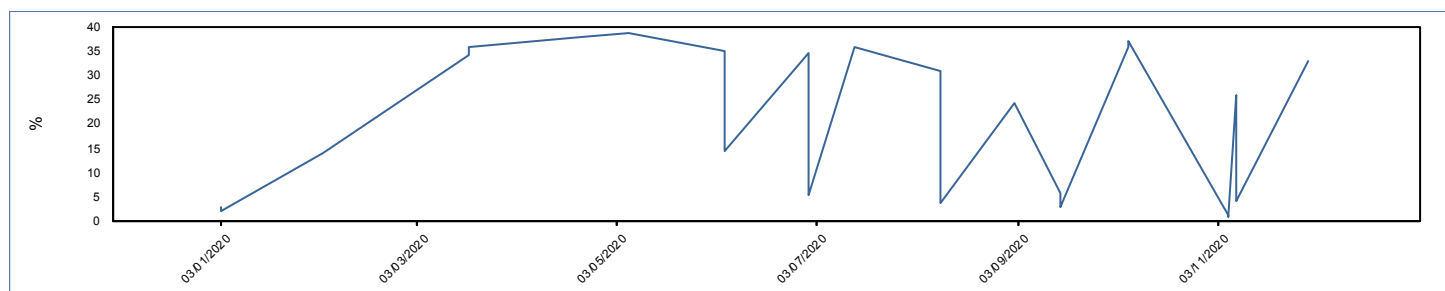
CHILW06R

Number of readings

28

Number of breaches

0



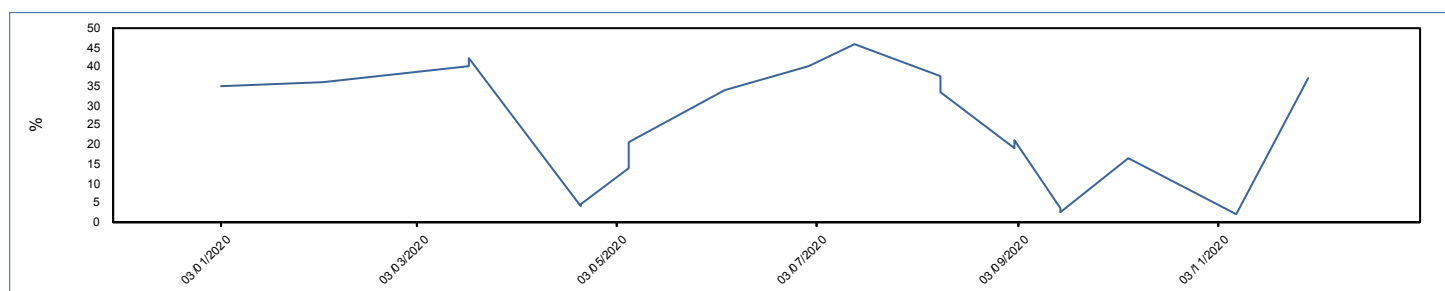
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

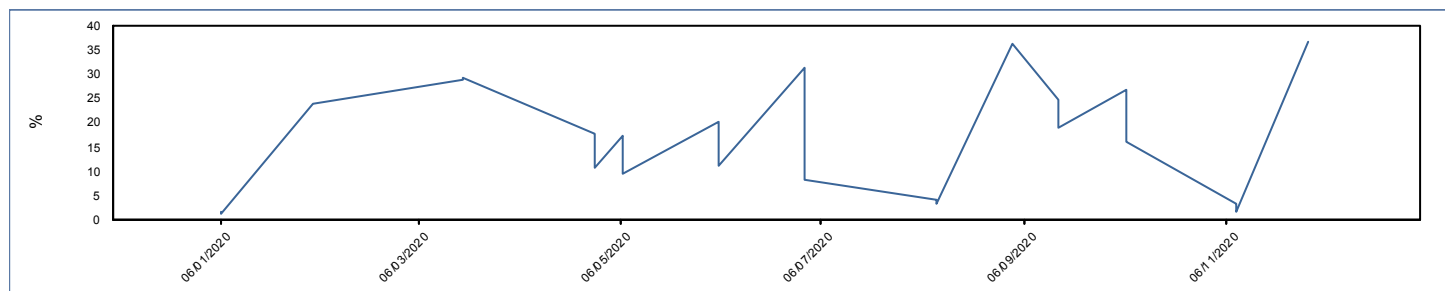
CHILW5BR

Number of readings

29

Number of breaches

0



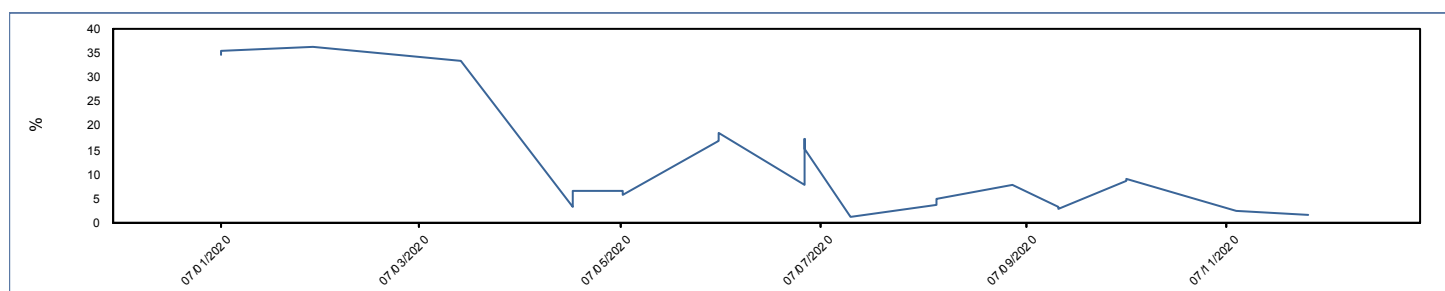
CHIP0111

Number of readings

30

Number of breaches

0



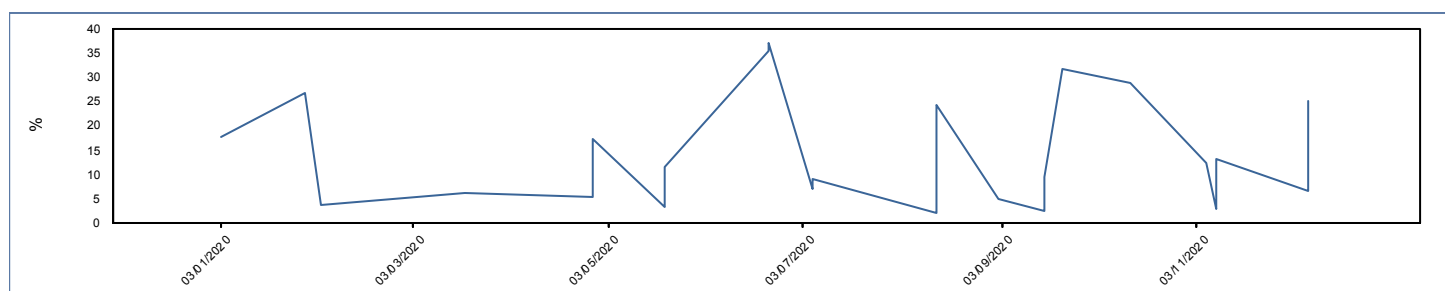
CHIR0010

Number of readings

30

Number of breaches

0



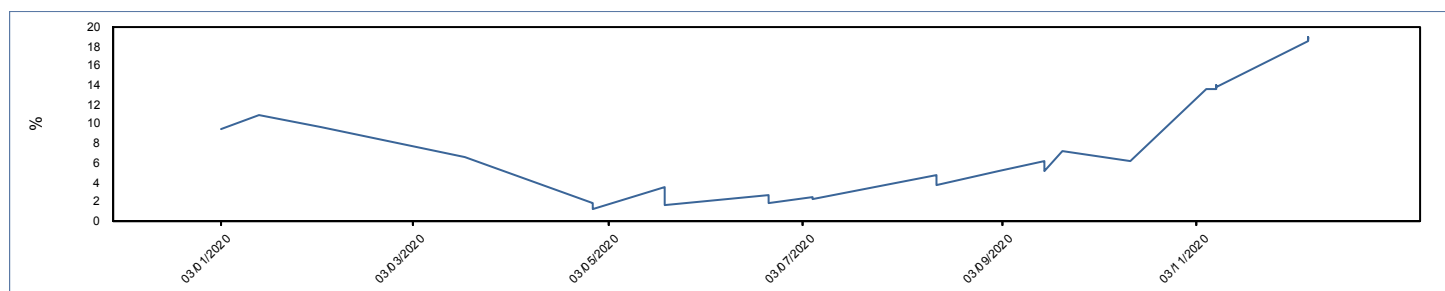
CHIR0037

Number of readings

31

Number of breaches

0



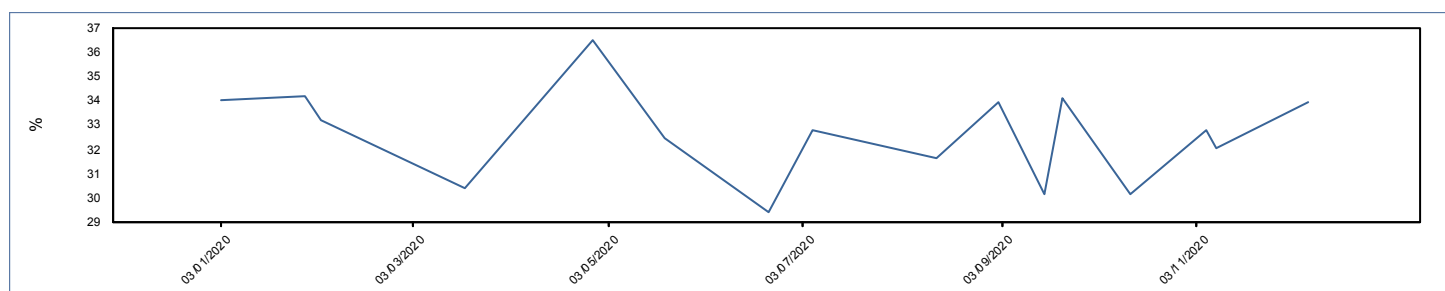
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

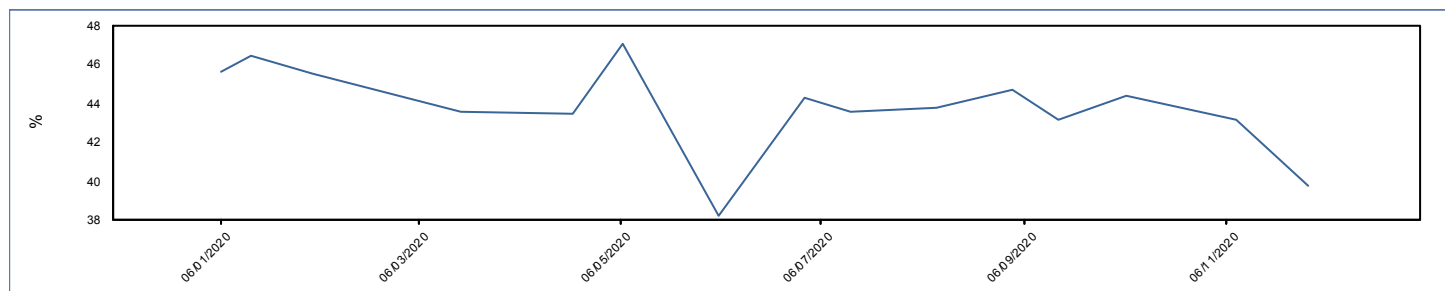
CHIR0043

Number of readings

15

Number of breaches

0



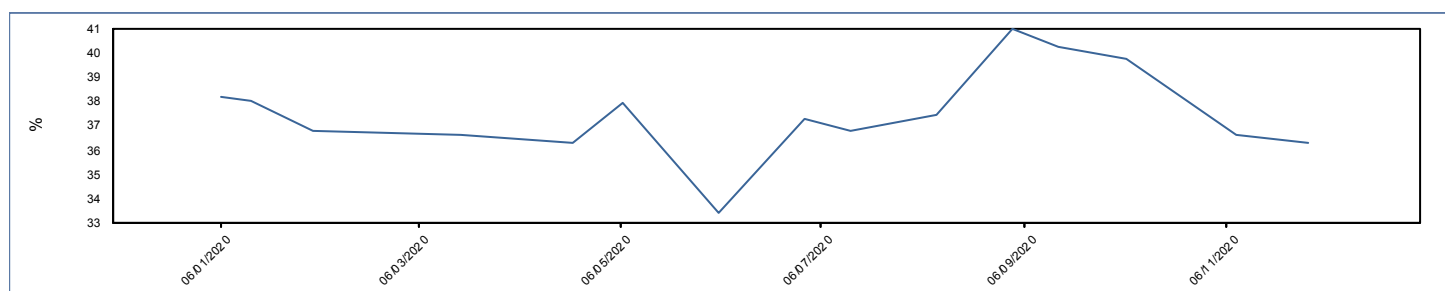
CHIR0055

Number of readings

15

Number of breaches

0



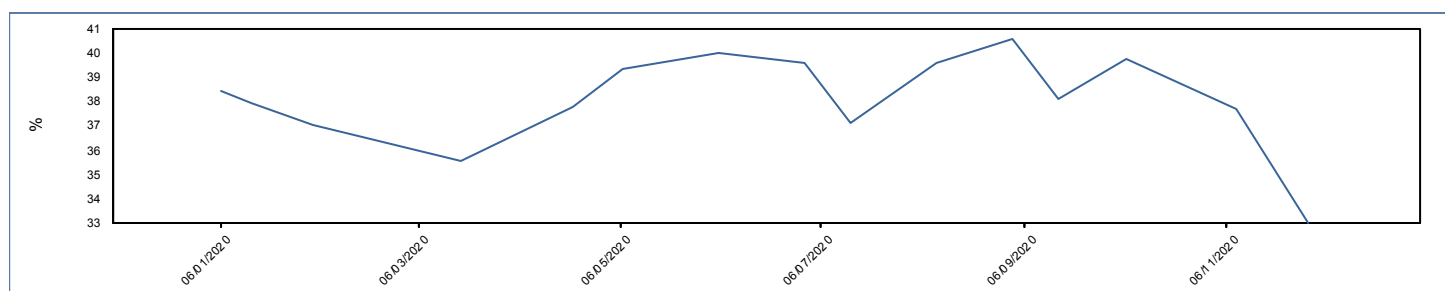
CHIR0069

Number of readings

15

Number of breaches

0



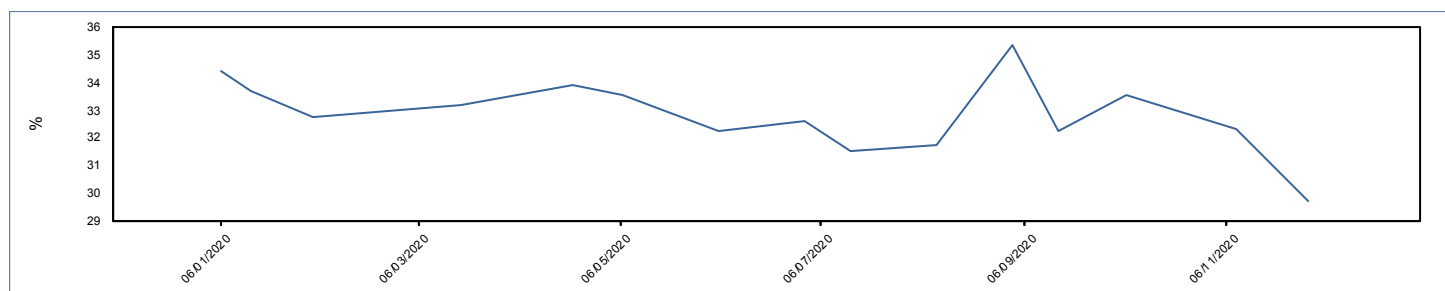
CHIR0070

Number of readings

15

Number of breaches

0



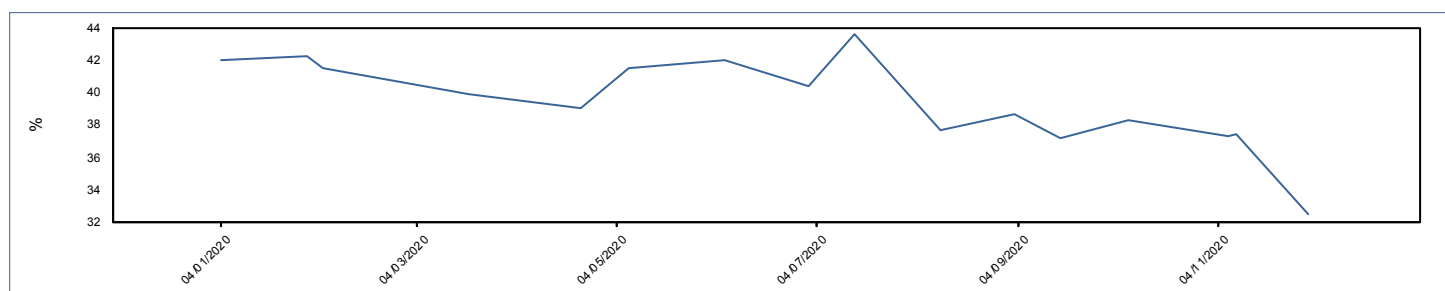
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

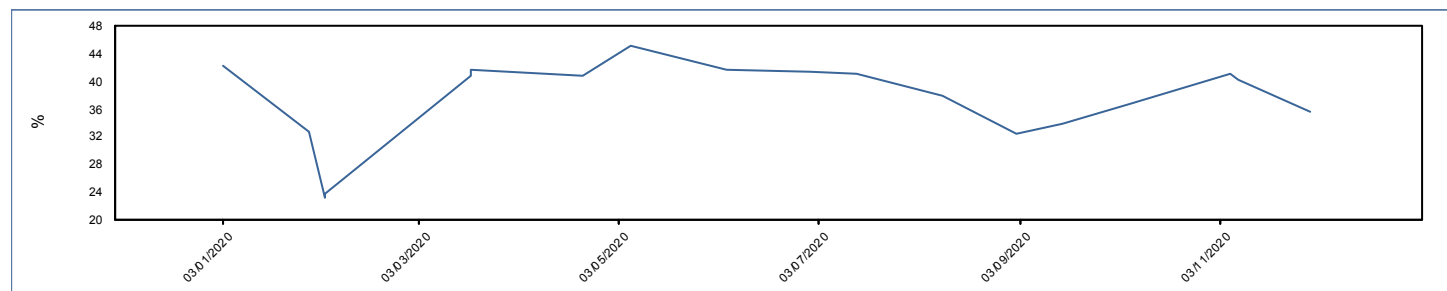
CHIR0073

Number of readings

18

Number of breaches

0



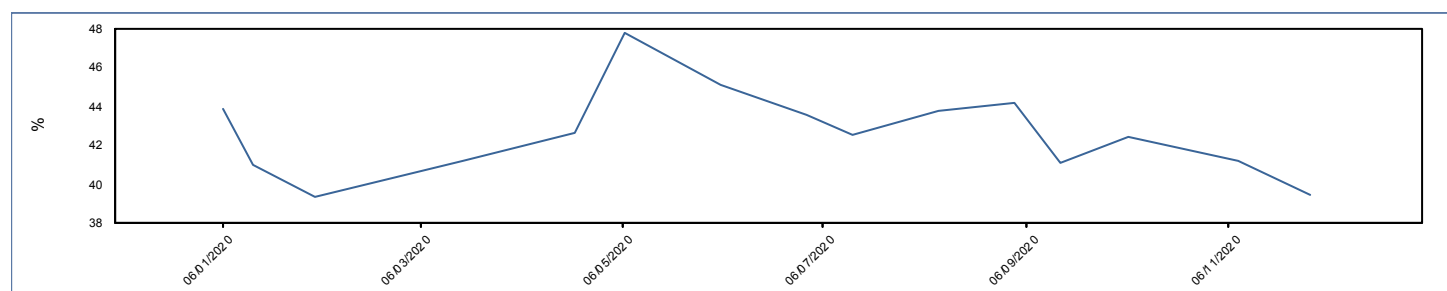
CHIR0074

Number of readings

15

Number of breaches

0



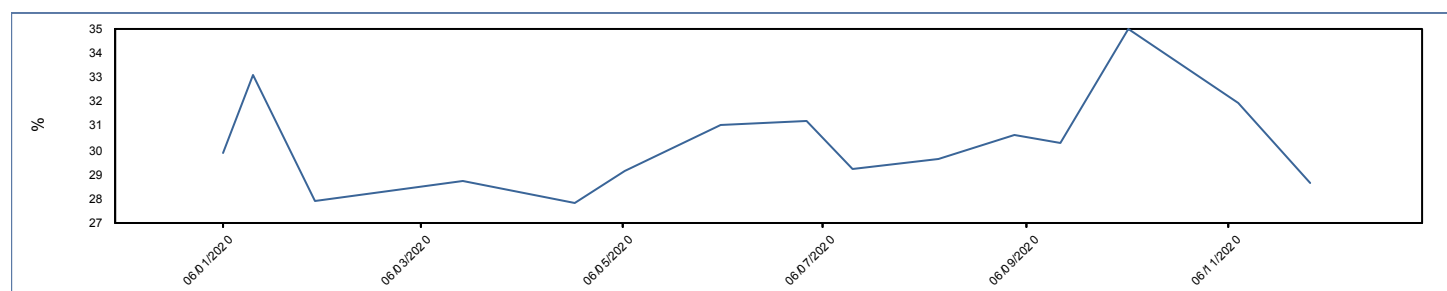
CHIR0079

Number of readings

15

Number of breaches

0



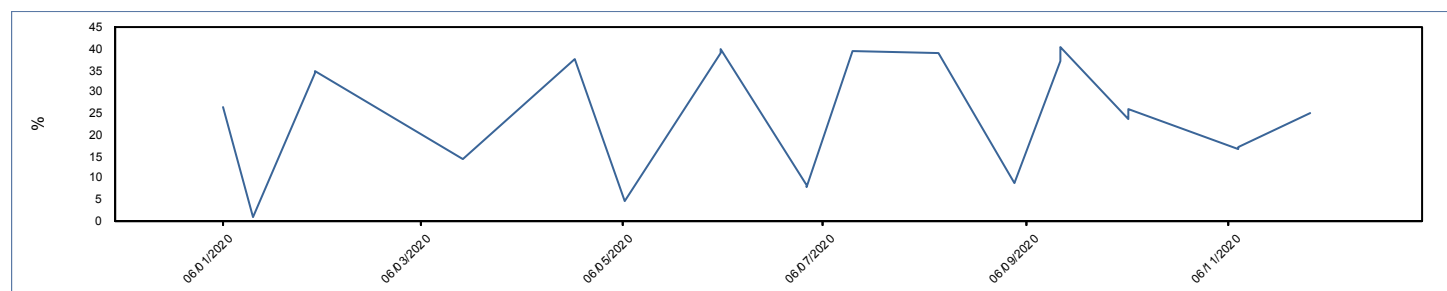
CHIR0080

Number of readings

23

Number of breaches

0



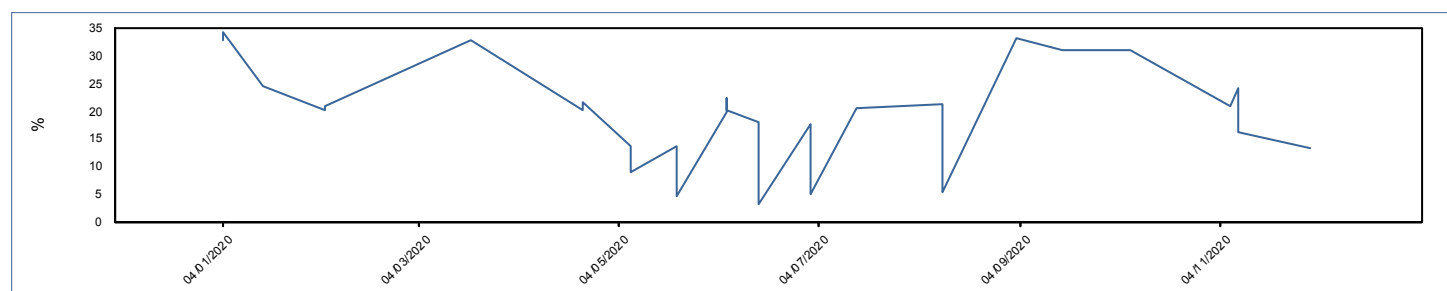
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

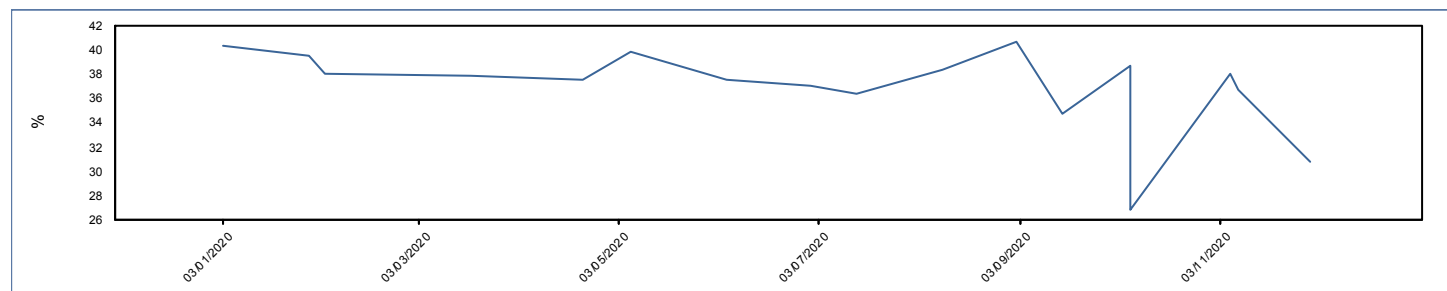
CHIR0091

Number of readings

17

Number of breaches

0



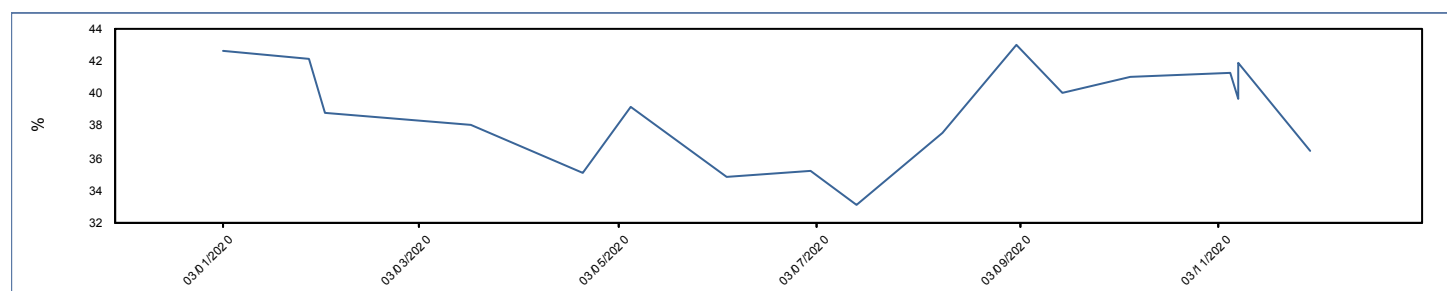
CHIR0093

Number of readings

17

Number of breaches

0



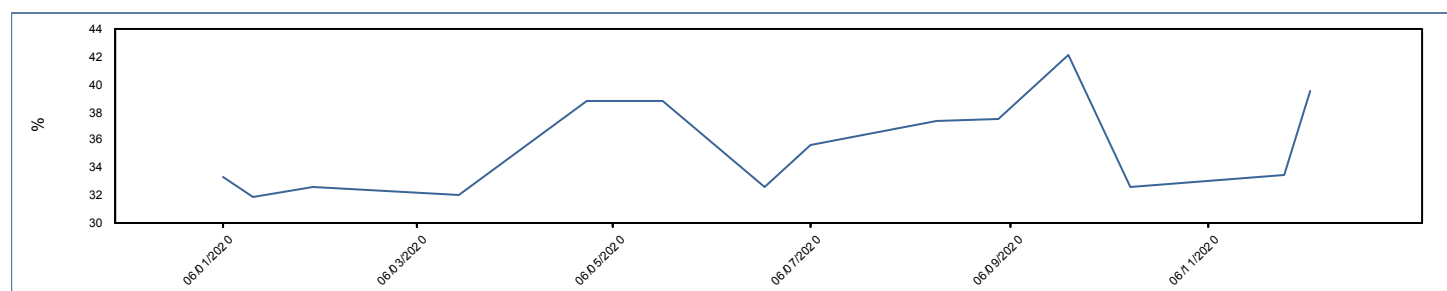
CHIR252R

Number of readings

14

Number of breaches

0



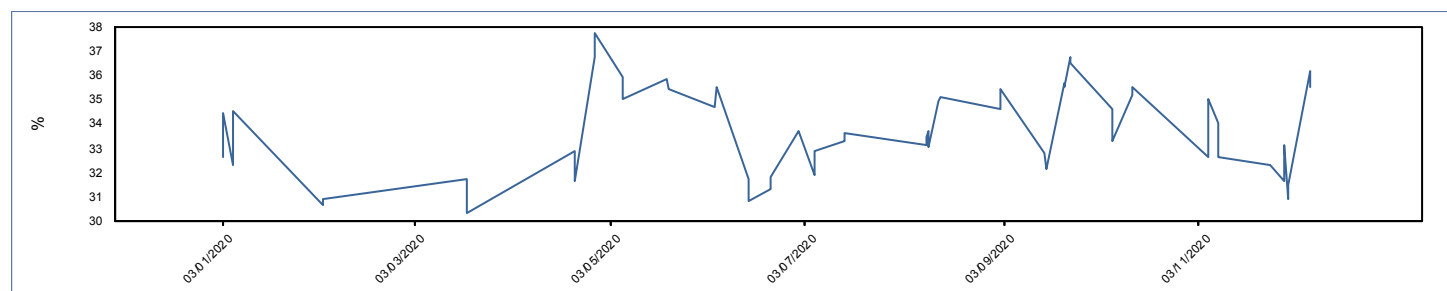
CHISITE1

Number of readings

57

Number of breaches

0



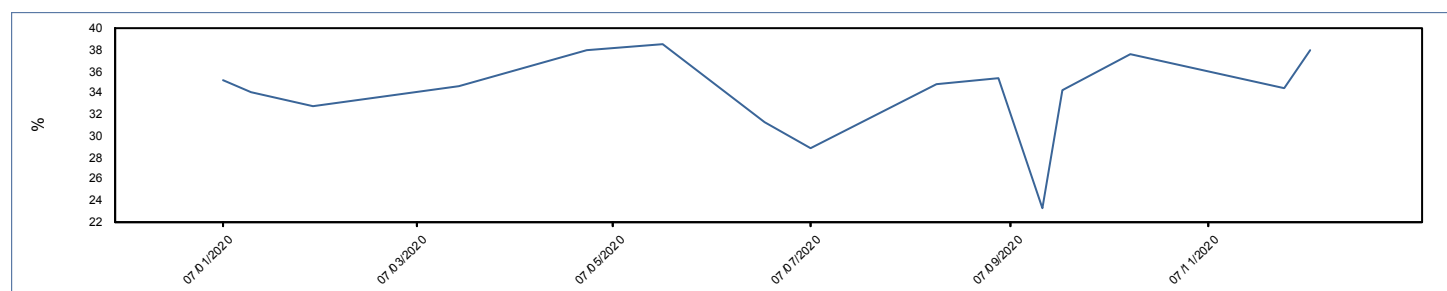
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

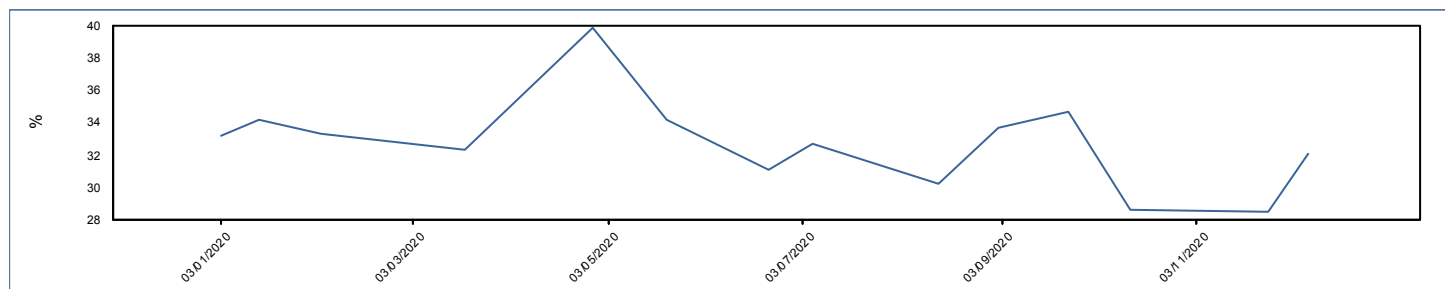
CHIW0065

Number of readings

14

Number of breaches

0



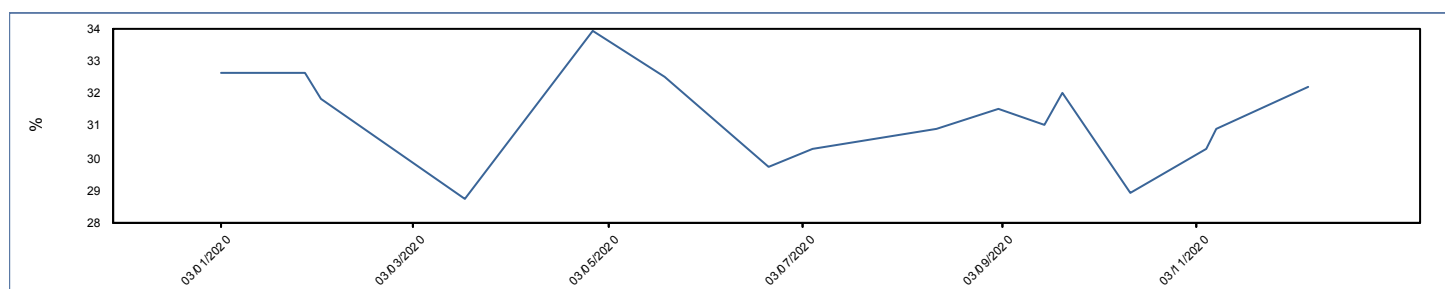
CHIW0066

Number of readings

16

Number of breaches

0



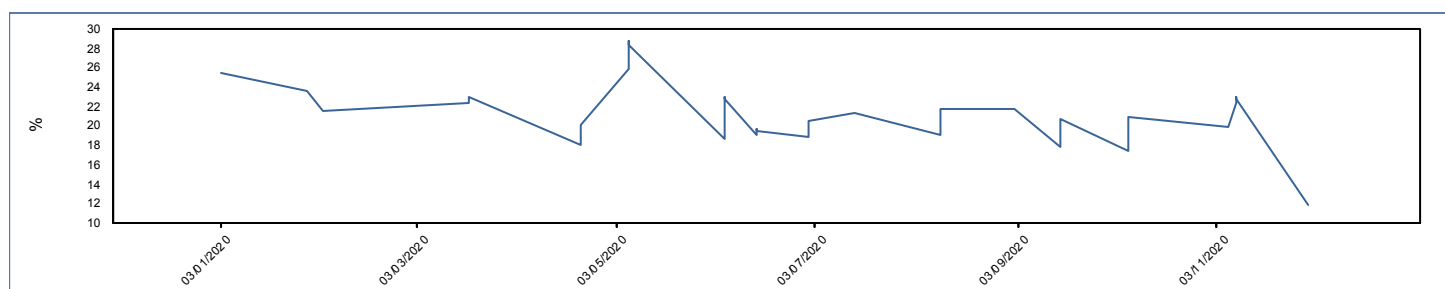
CHIW0067

Number of readings

37

Number of breaches

0



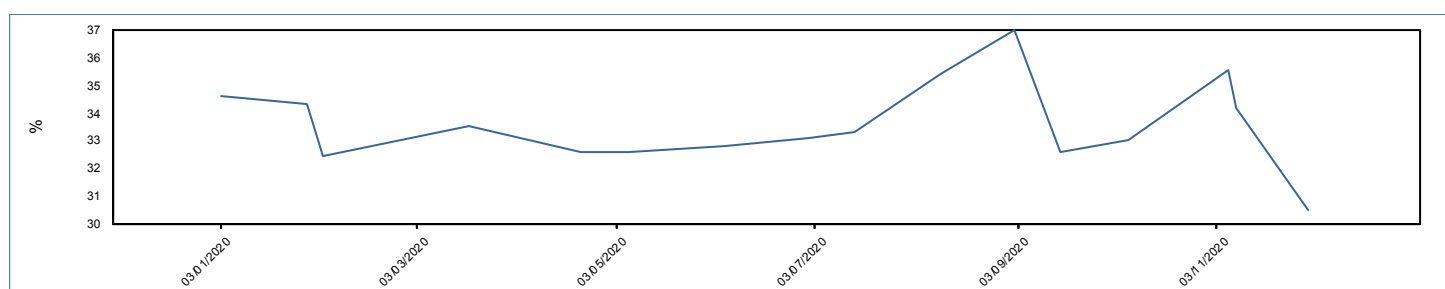
CHIW0068

Number of readings

16

Number of breaches

0



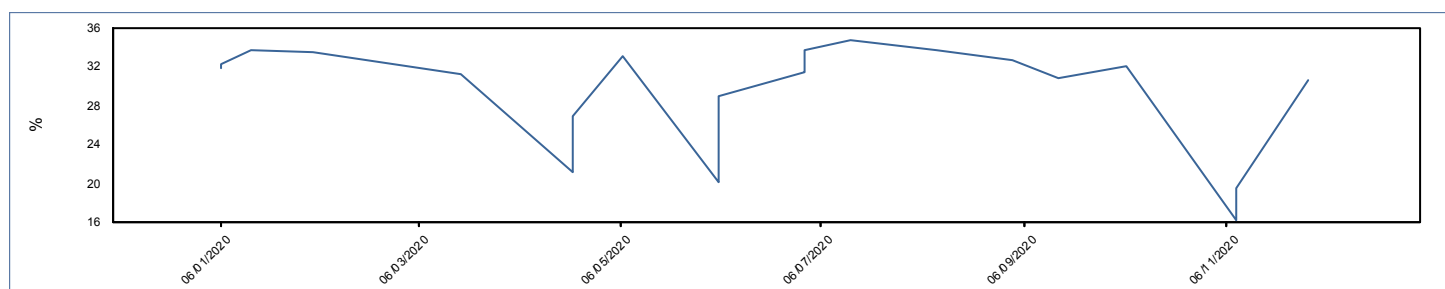
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

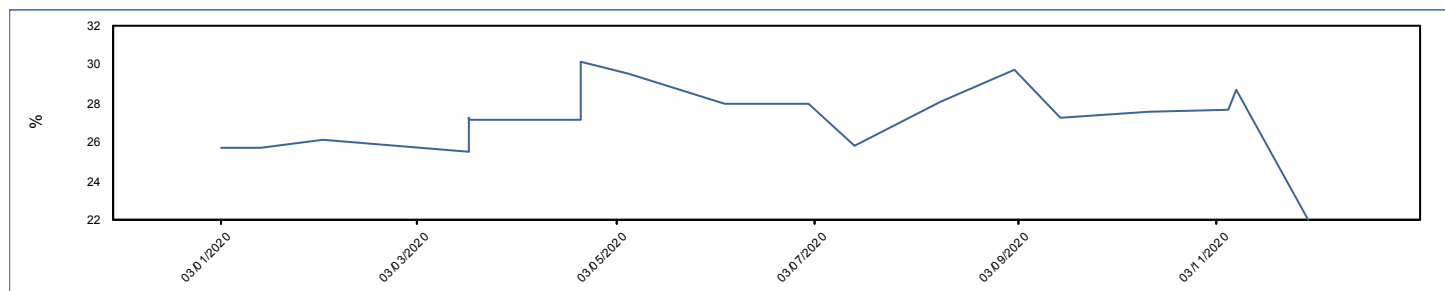
CHIW0082

Number of readings

19

Number of breaches

0



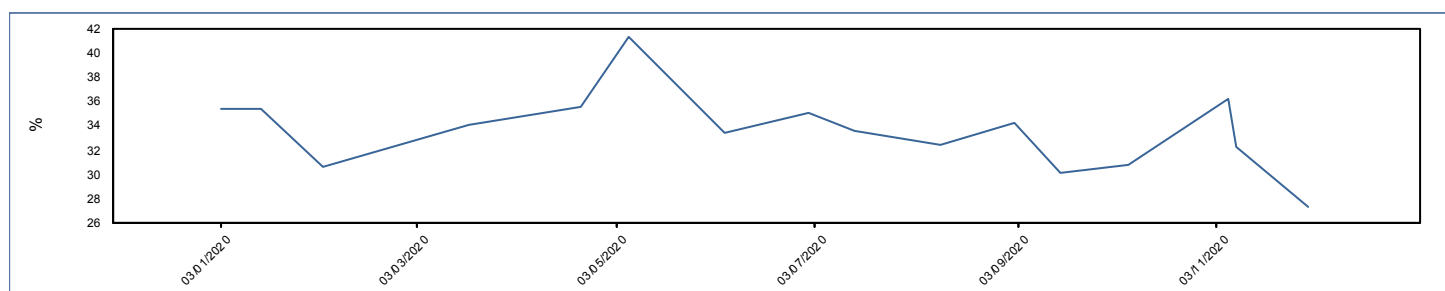
CHIW0083

Number of readings

16

Number of breaches

0



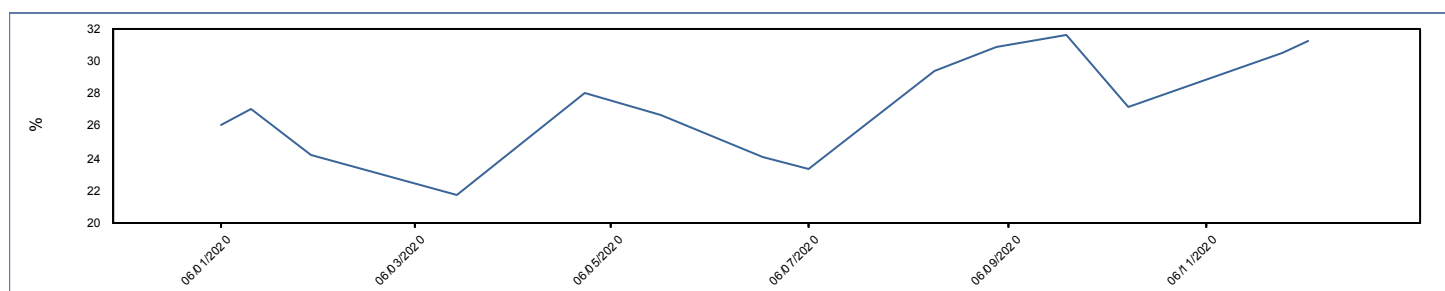
CHIW0084

Number of readings

14

Number of breaches

0



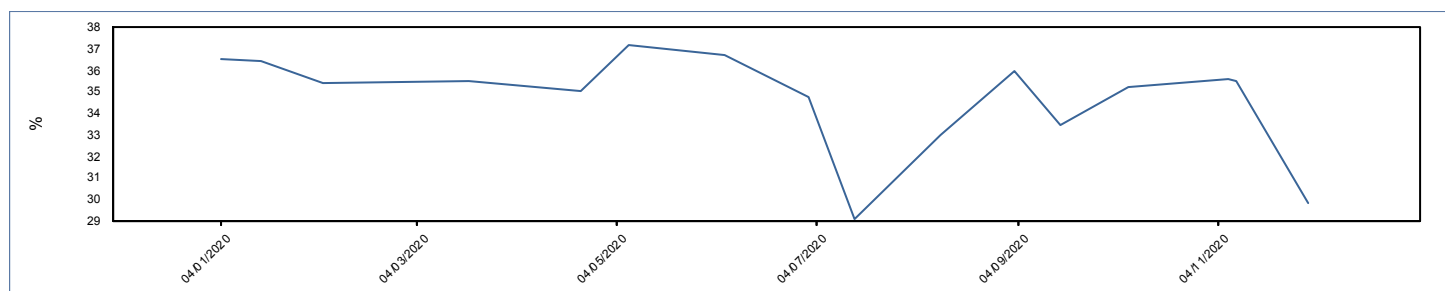
CHIW0089

Number of readings

16

Number of breaches

0



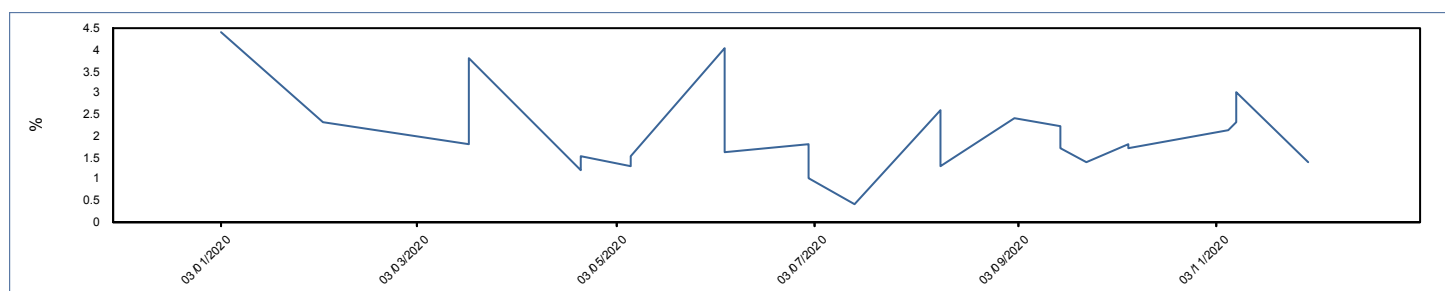
CHIW0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

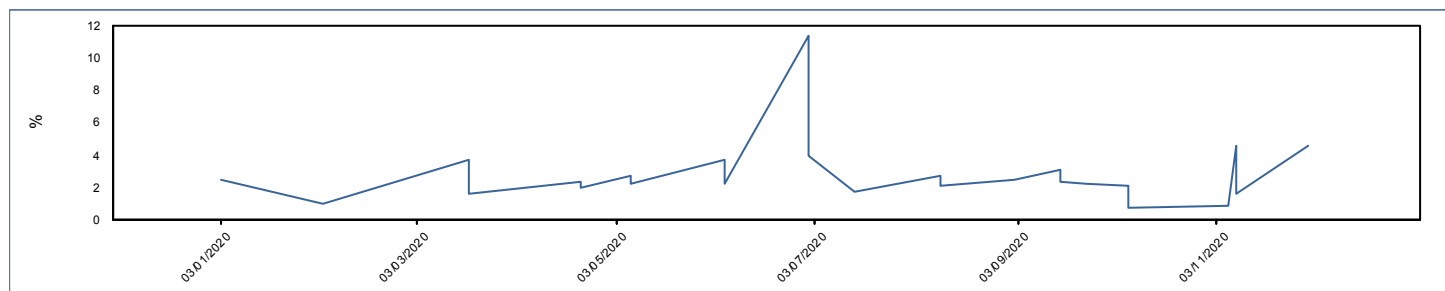
CHI0097

Number of readings

34

Number of breaches

0



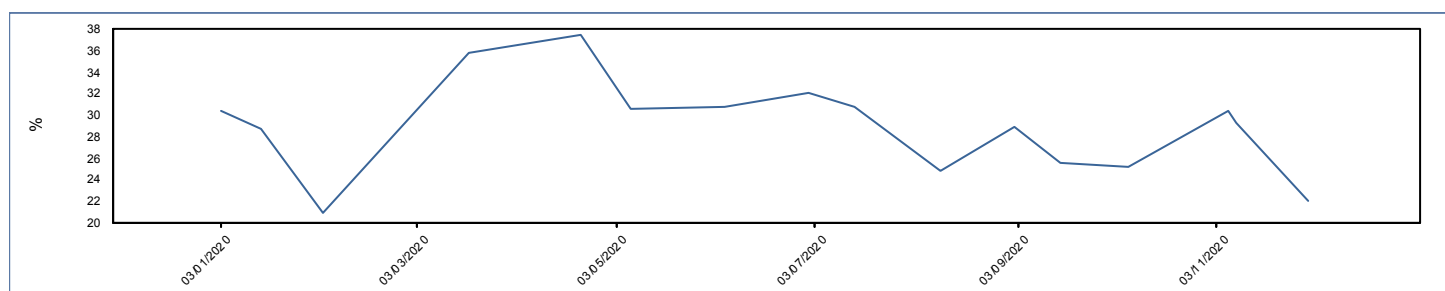
CHI0098

Number of readings

16

Number of breaches

0



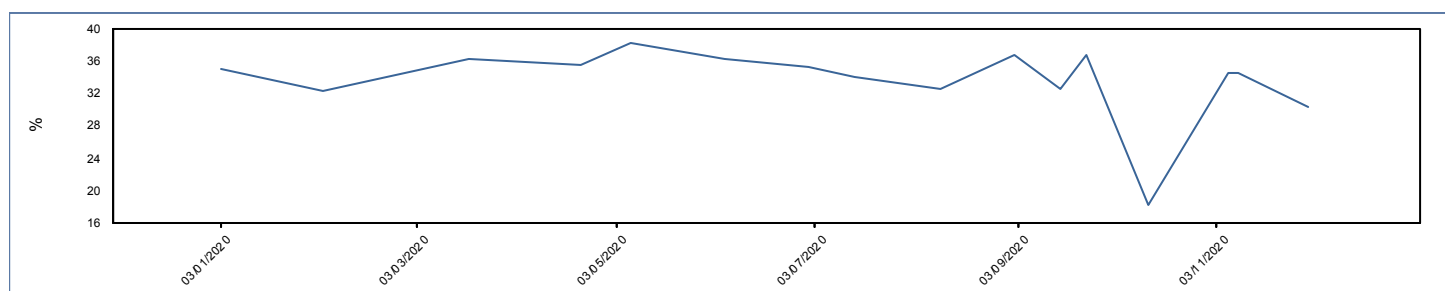
CHI0099

Number of readings

16

Number of breaches

0



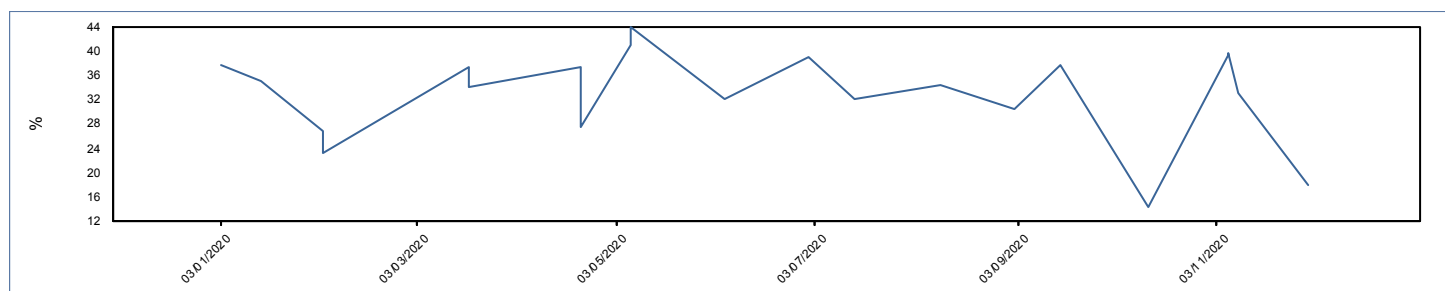
CHI0100

Number of readings

22

Number of breaches

0



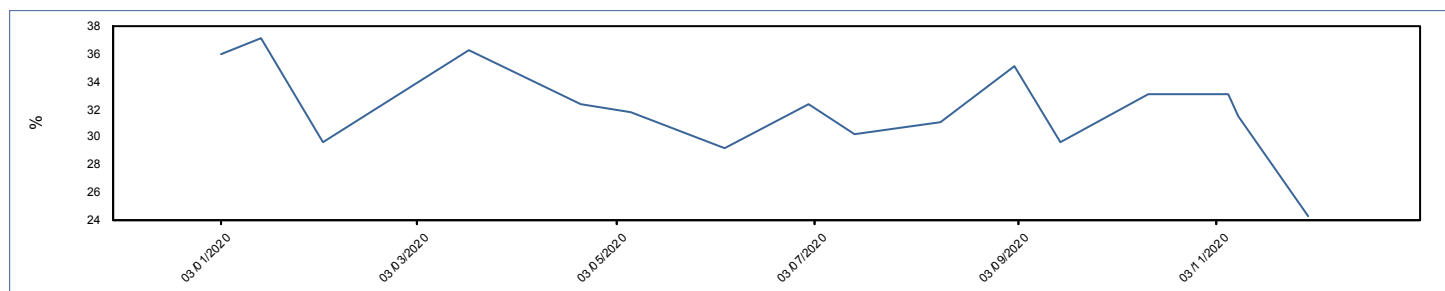
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

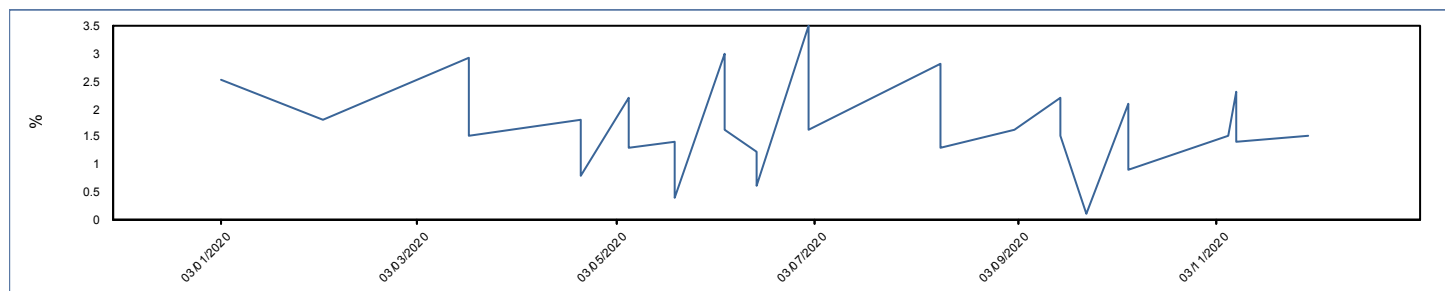
CHI0102

Number of readings

39

Number of breaches

0



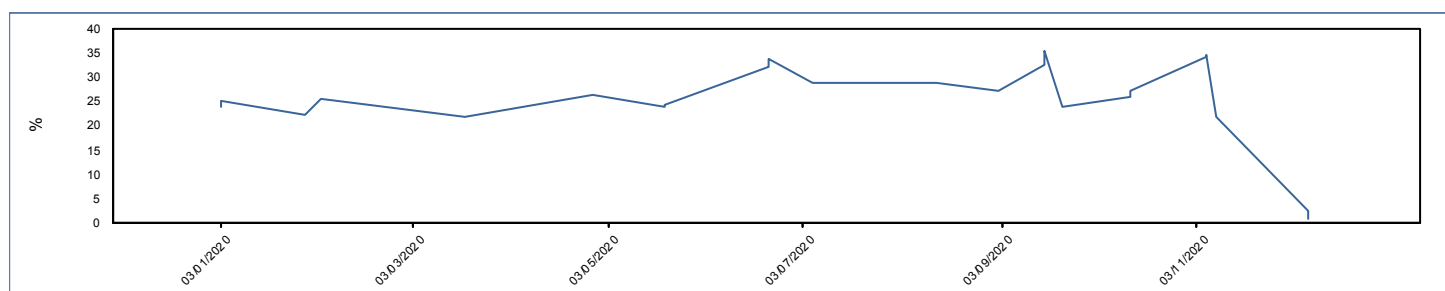
CHI0103

Number of readings

24

Number of breaches

0



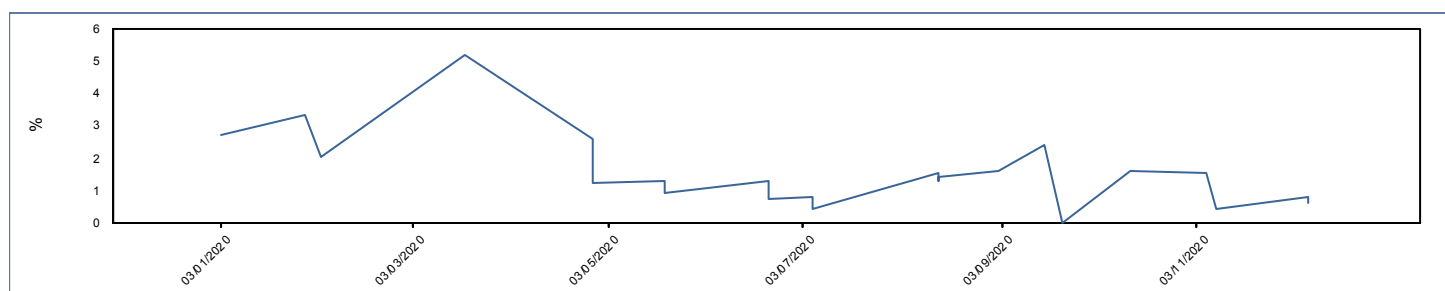
CHI0104

Number of readings

30

Number of breaches

0



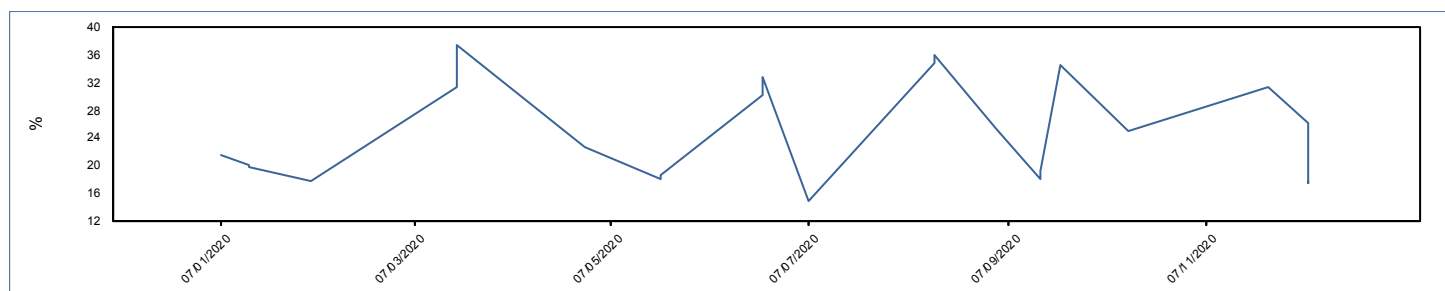
CHI0105

Number of readings

24

Number of breaches

0



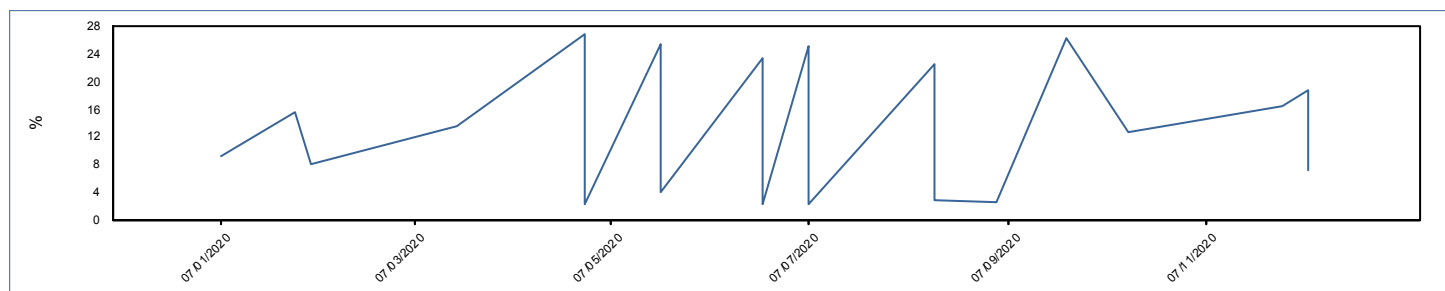
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

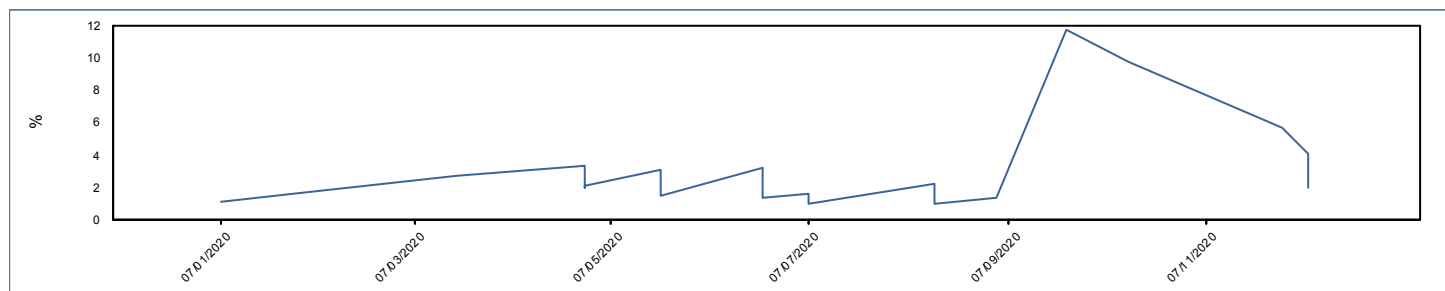
CHI0107

Number of readings

25

Number of breaches

0



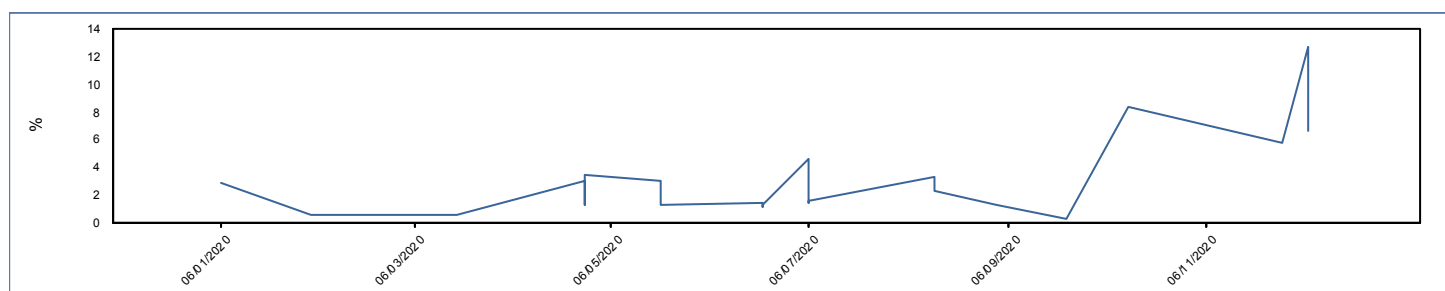
CHI0108

Number of readings

25

Number of breaches

0



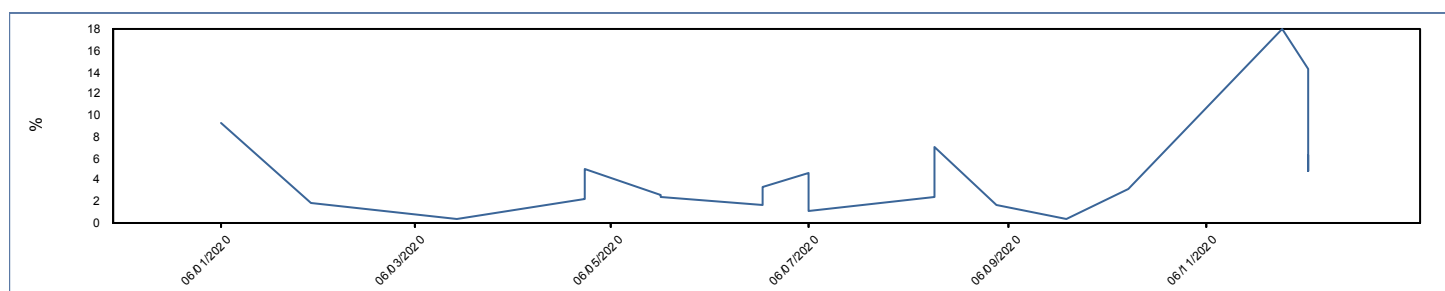
CHI0109

Number of readings

25

Number of breaches

0



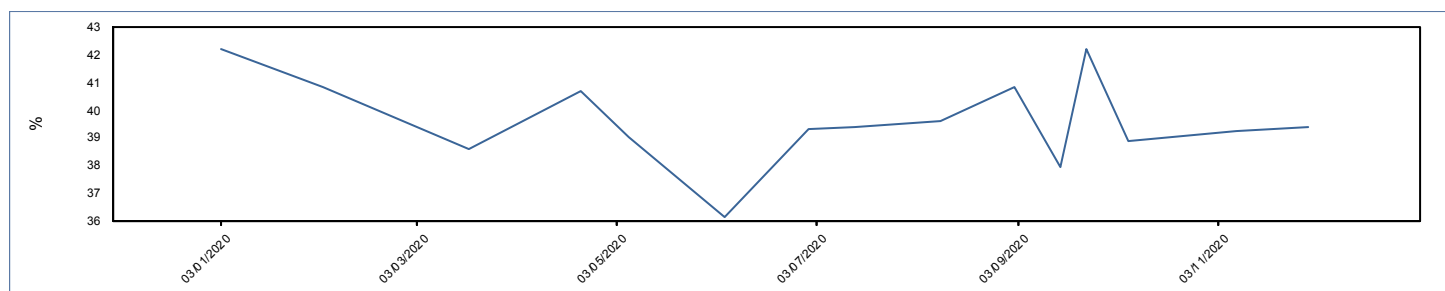
CHI0110

Number of readings

15

Number of breaches

0



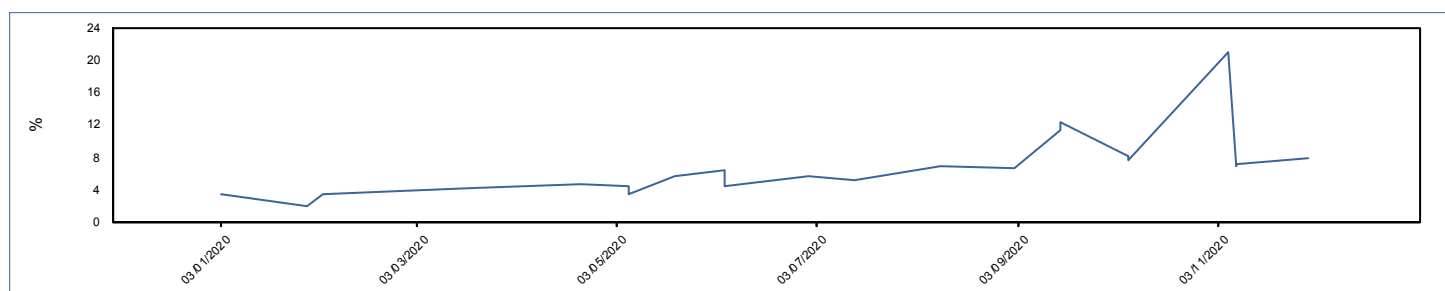
CHI0111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

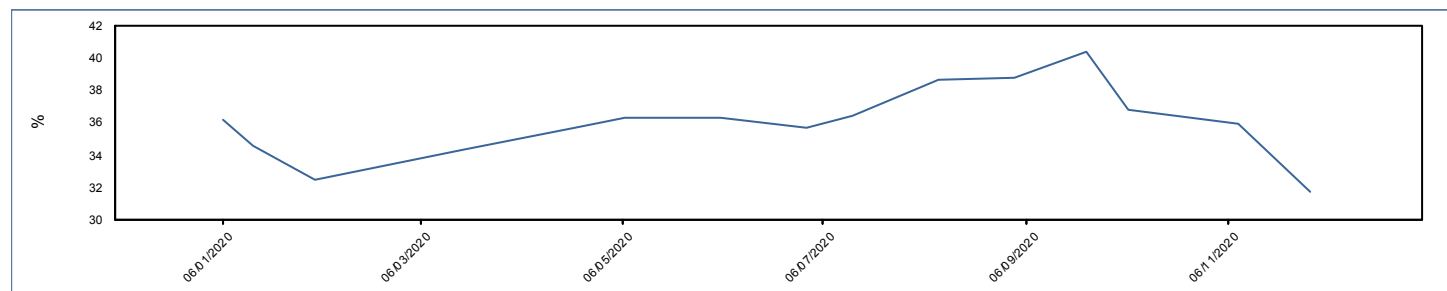
CHI0112

Number of readings

15

Number of breaches

0



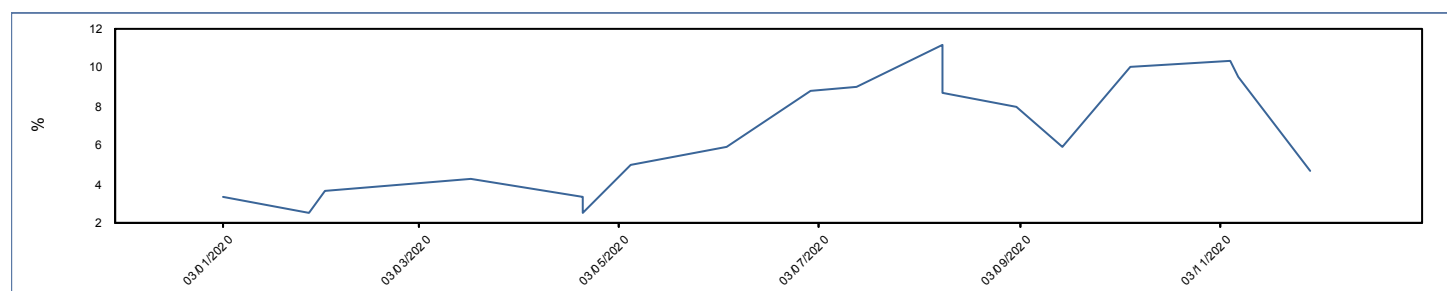
CHI0113

Number of readings

20

Number of breaches

0



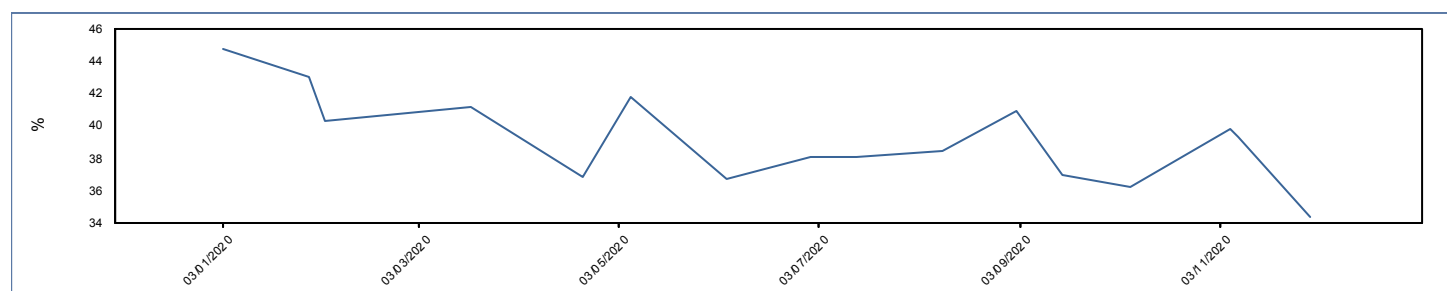
CHI0115

Number of readings

16

Number of breaches

0



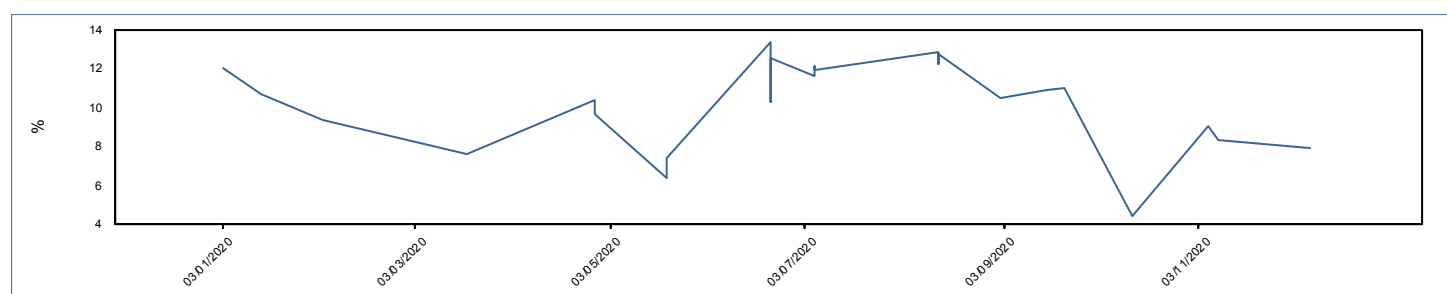
CHI0116

Number of readings

26

Number of breaches

0



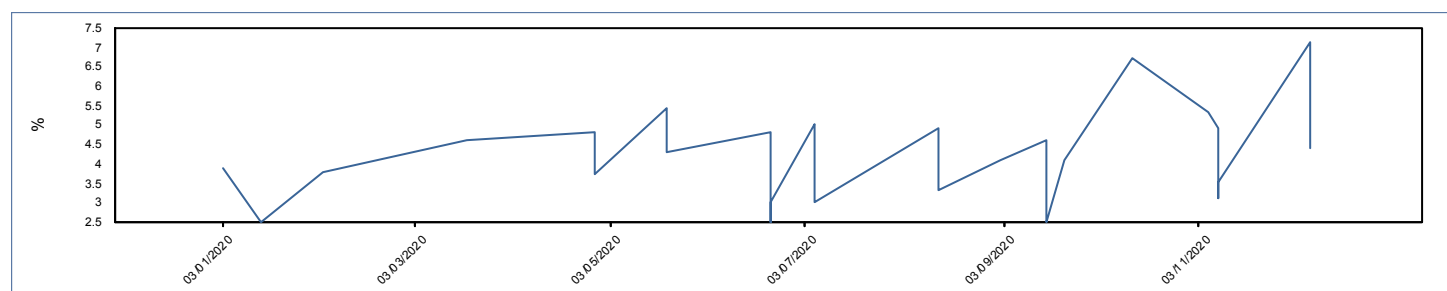
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

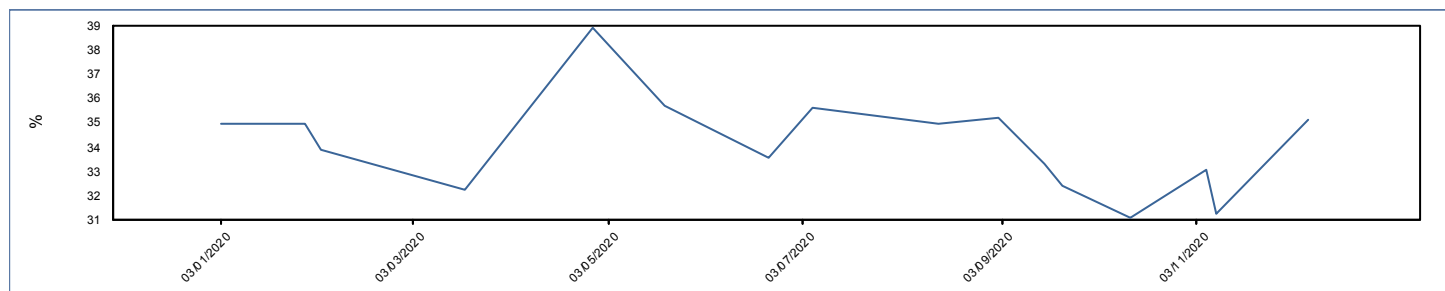
CHI0118

Number of readings

16

Number of breaches

0



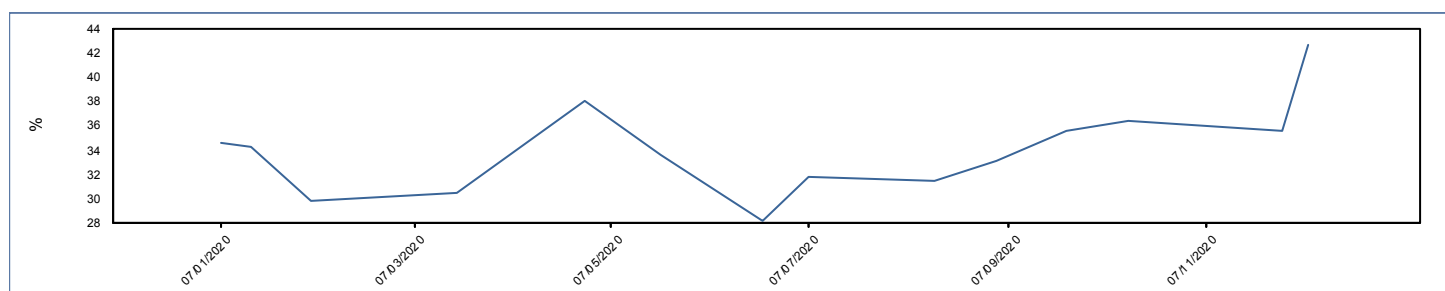
CHI0120

Number of readings

14

Number of breaches

0



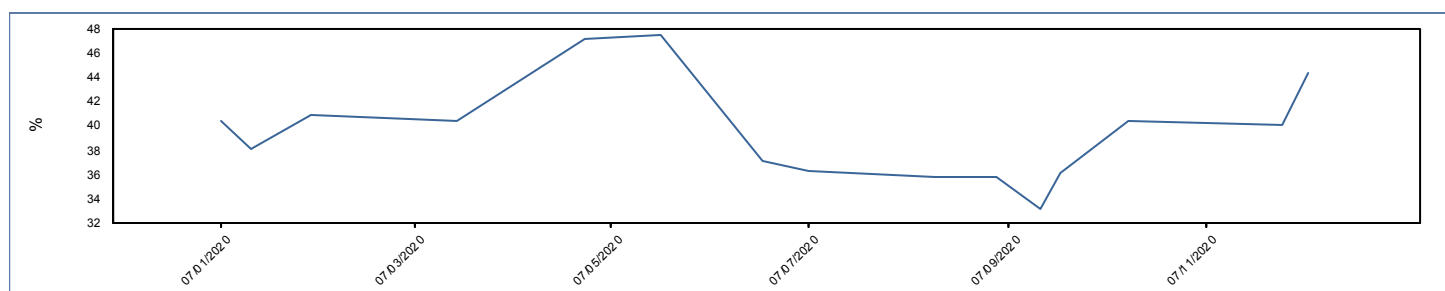
CHI0121

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

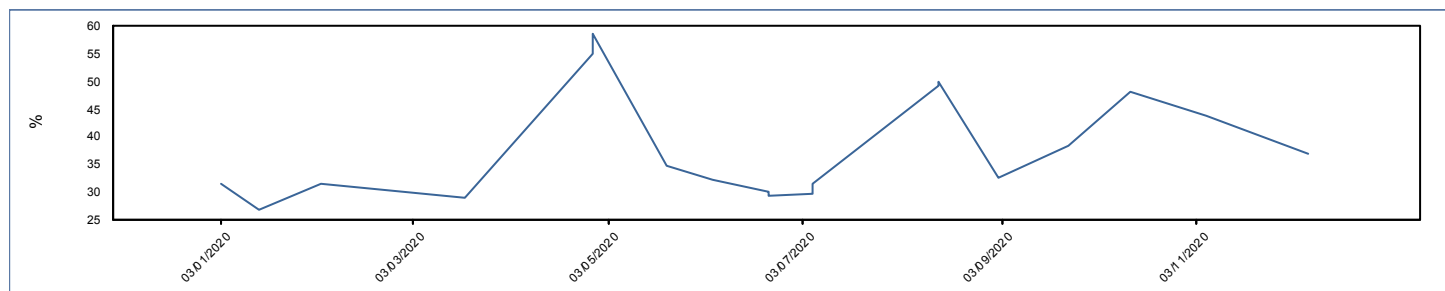
CHI0125

Number of readings

20

Number of breaches

0



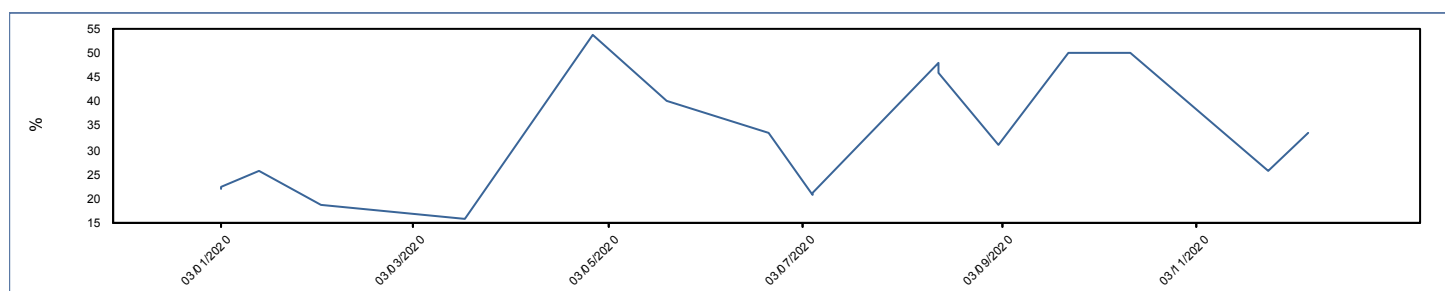
CHI0126

Number of readings

17

Number of breaches

0



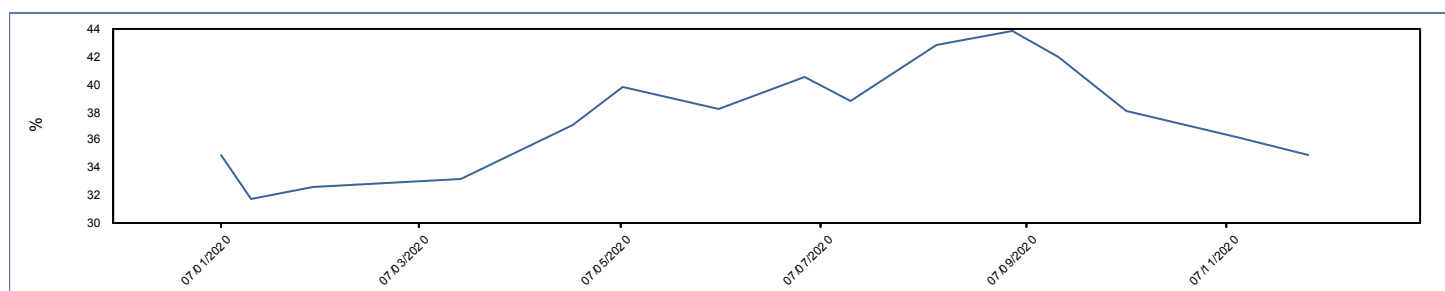
CHI0127

Number of readings

15

Number of breaches

0



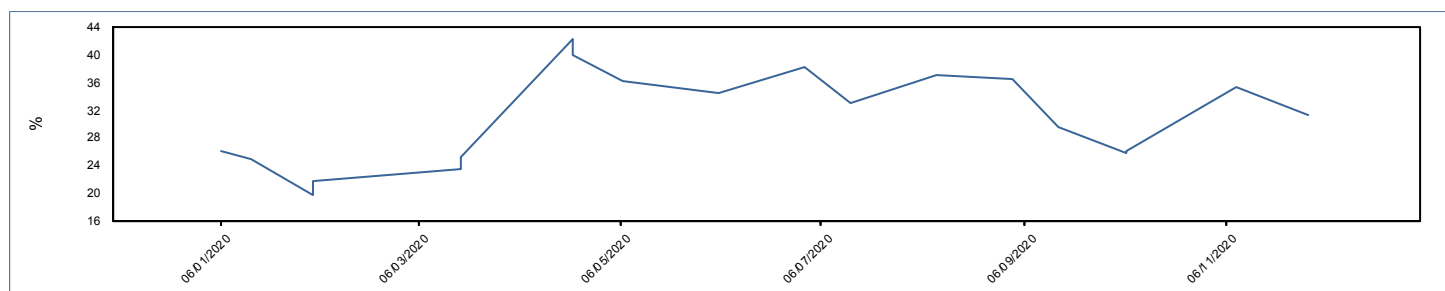
CHI0128

Number of readings

19

Number of breaches

0



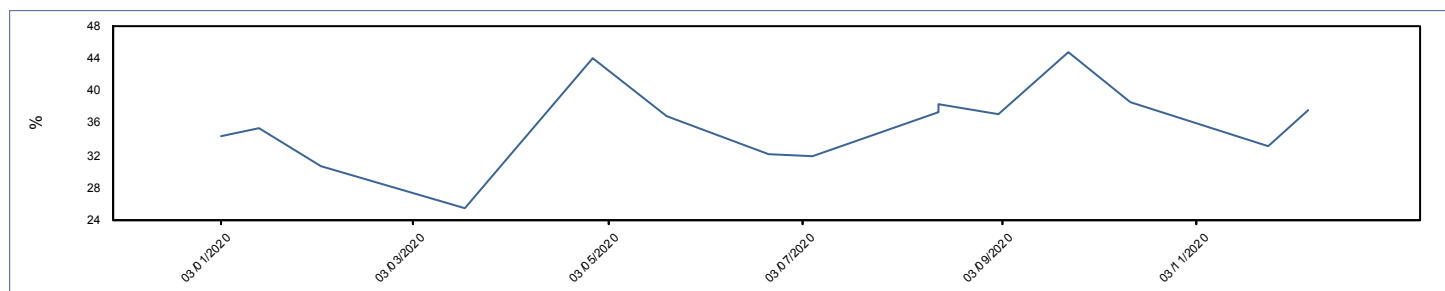
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

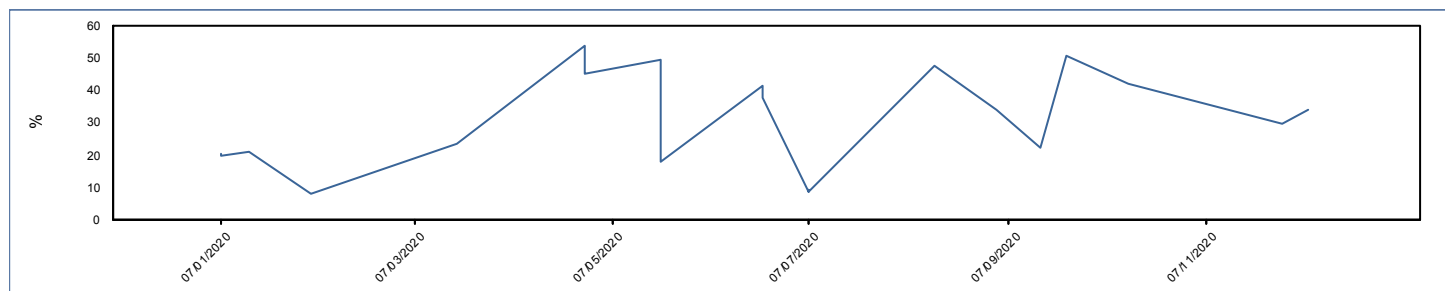
CHI1602

Number of readings

25

Number of breaches

0



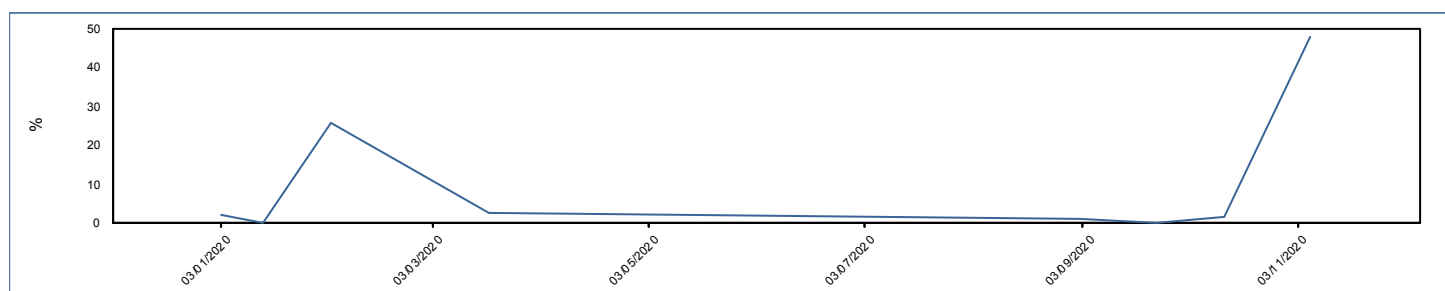
CHI1603

Number of readings

8

Number of breaches

0



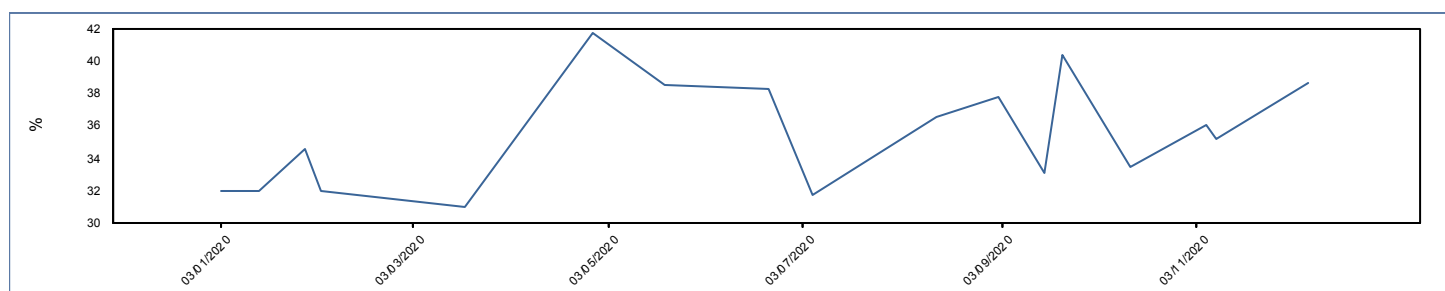
CHI1604

Number of readings

17

Number of breaches

0



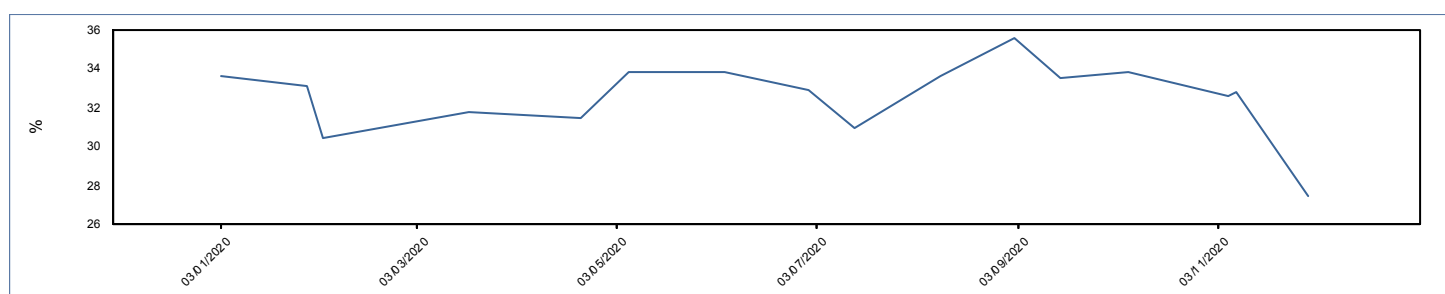
CHI1605

Number of readings

16

Number of breaches

0



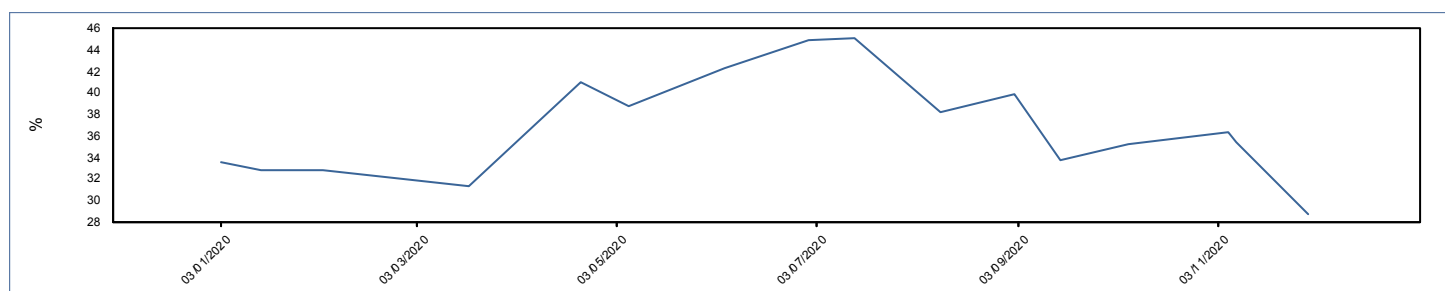
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

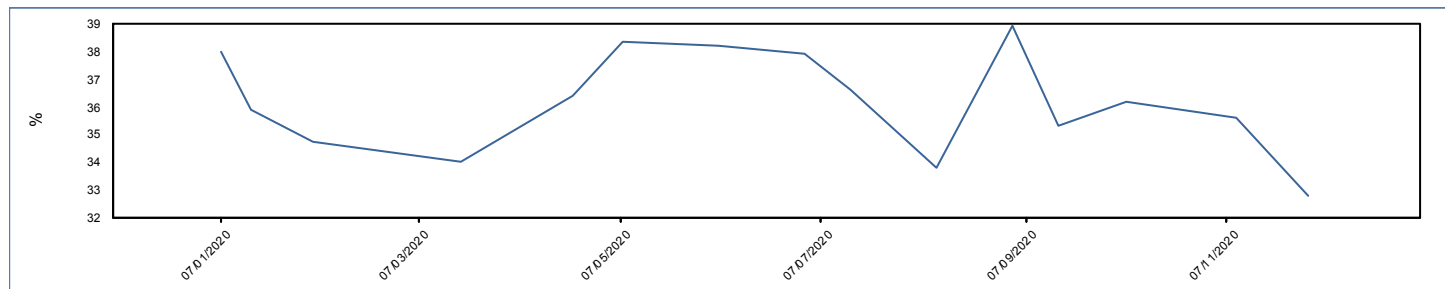
CHIWI608

Number of readings

15

Number of breaches

0



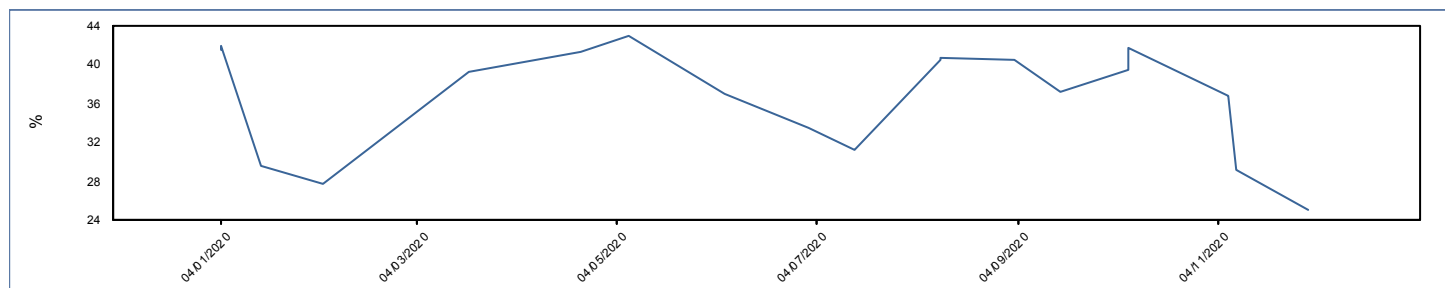
CHIWI609

Number of readings

20

Number of breaches

0



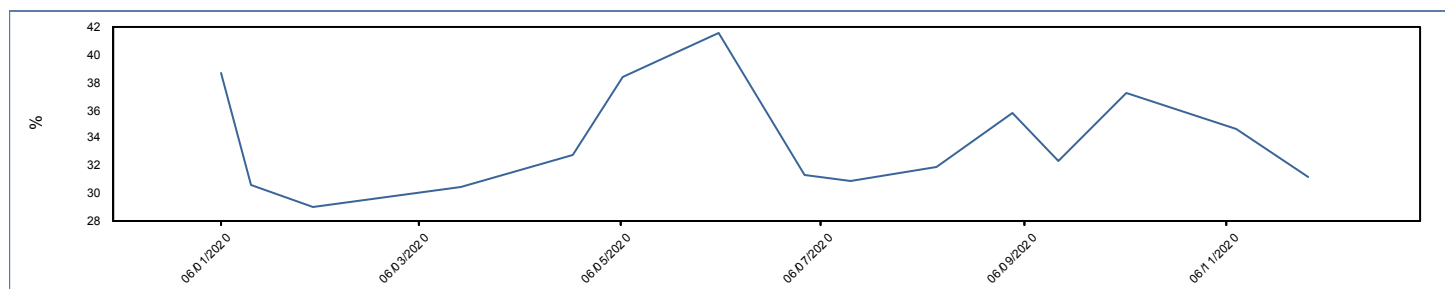
CHIWI610

Number of readings

15

Number of breaches

0



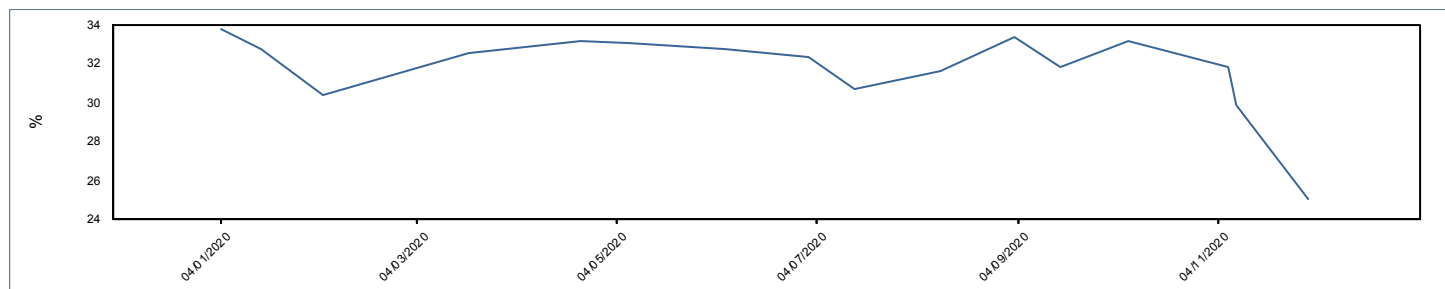
CHIWI611

Number of readings

16

Number of breaches

0



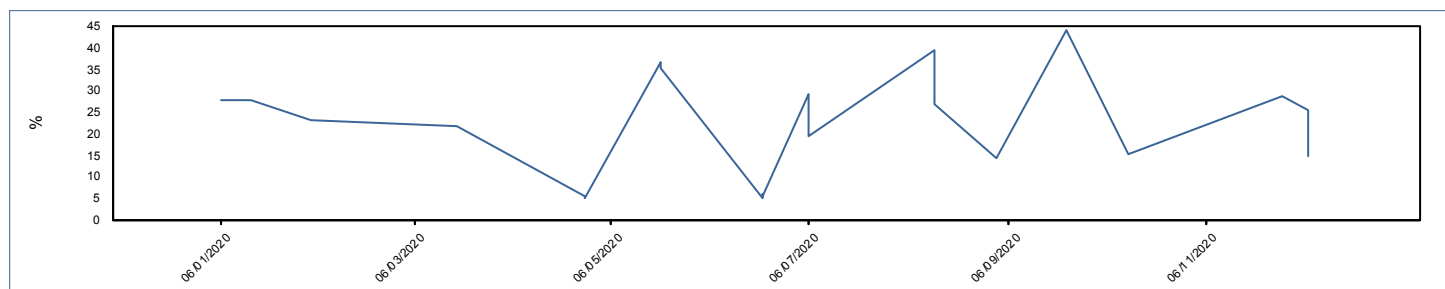
CHIWI612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

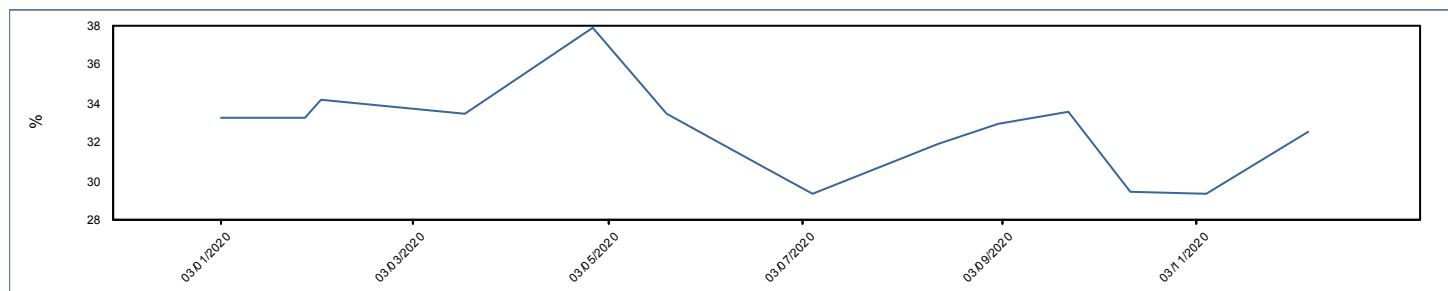
GW44

Number of readings

14

Number of breaches

0



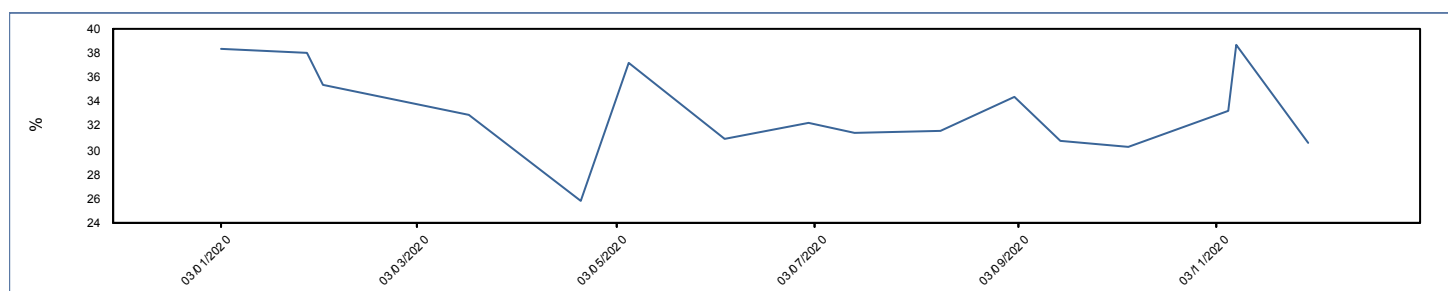
GW48

Number of readings

16

Number of breaches

0



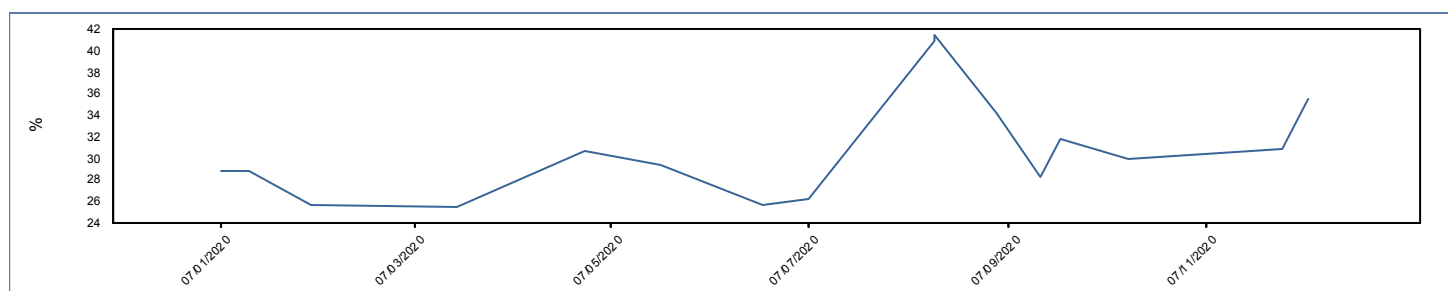
GW56

Number of readings

17

Number of breaches

0



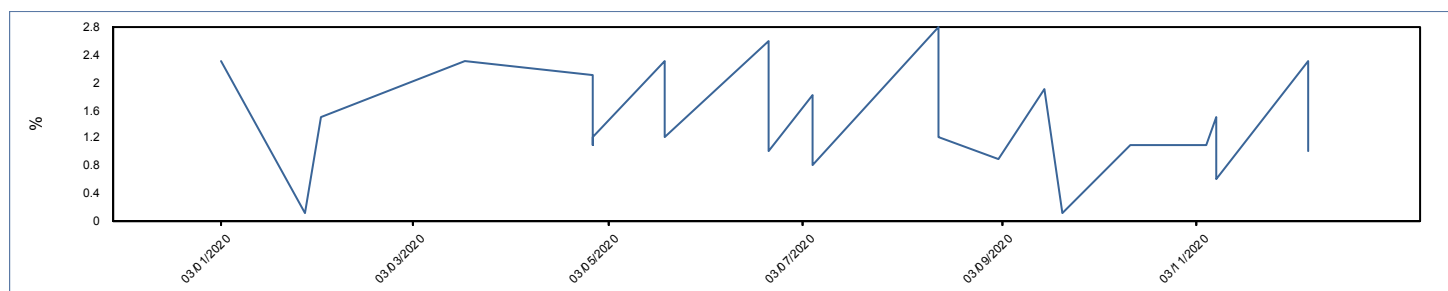
GW57

Number of readings

30

Number of breaches

0



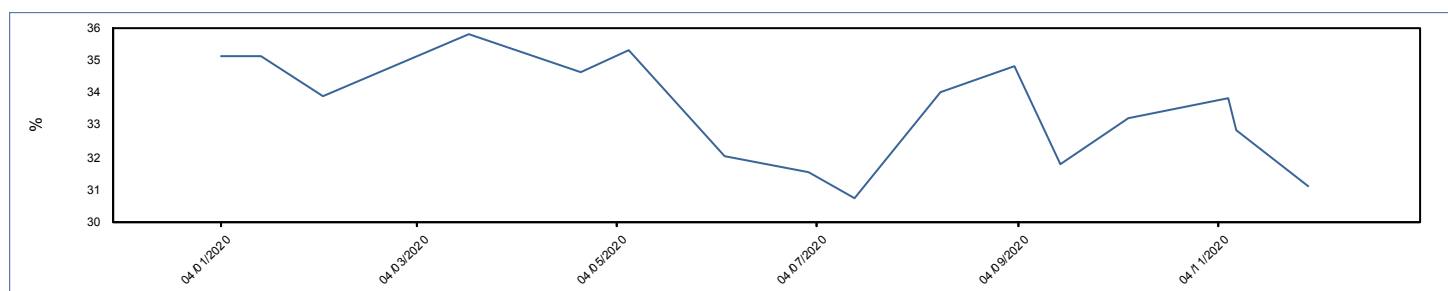
GW88

Number of readings

16

Number of breaches

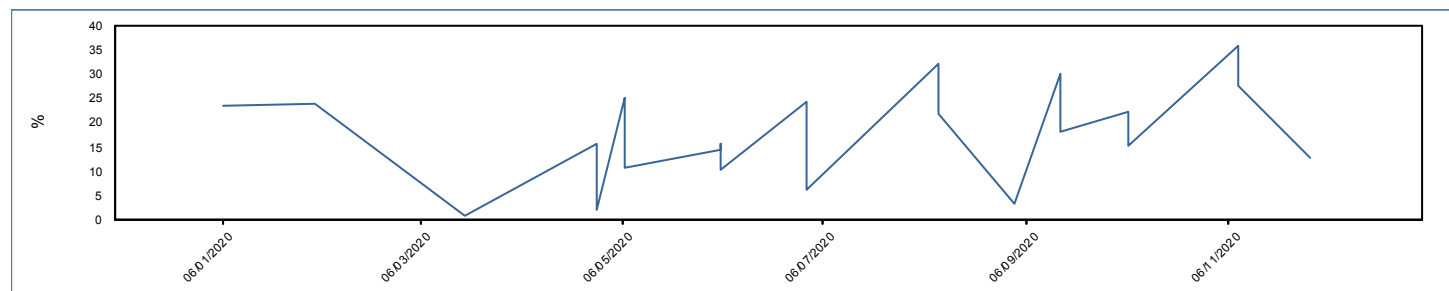
0



Data from: 1 Jan 2020 to: 31 Dec 2020

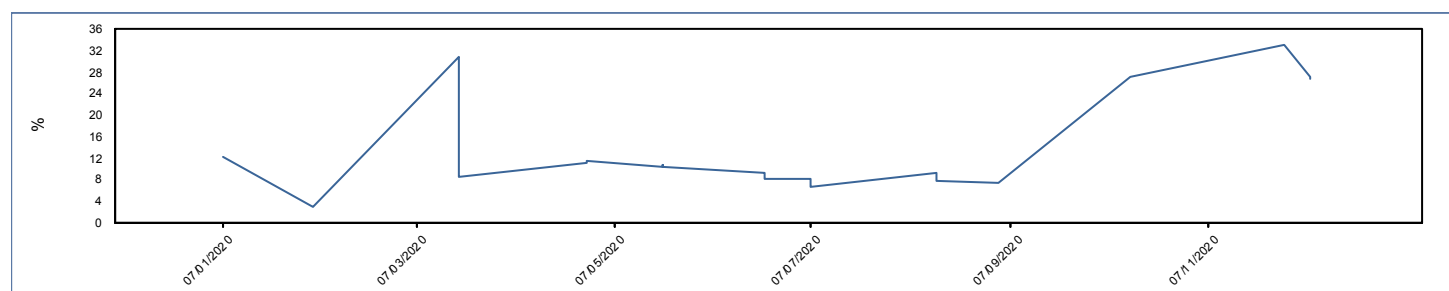
LC005A

Number of readings 29 Number of breaches 0



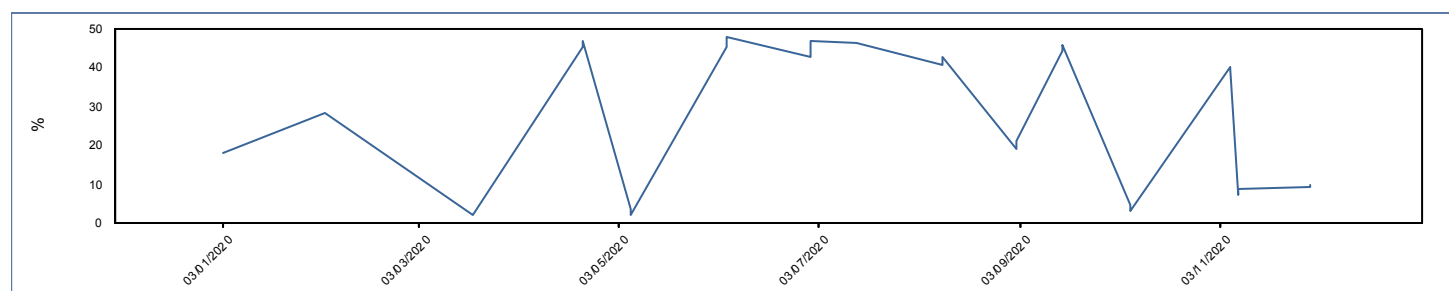
LC01B

Number of readings 24 Number of breaches 0



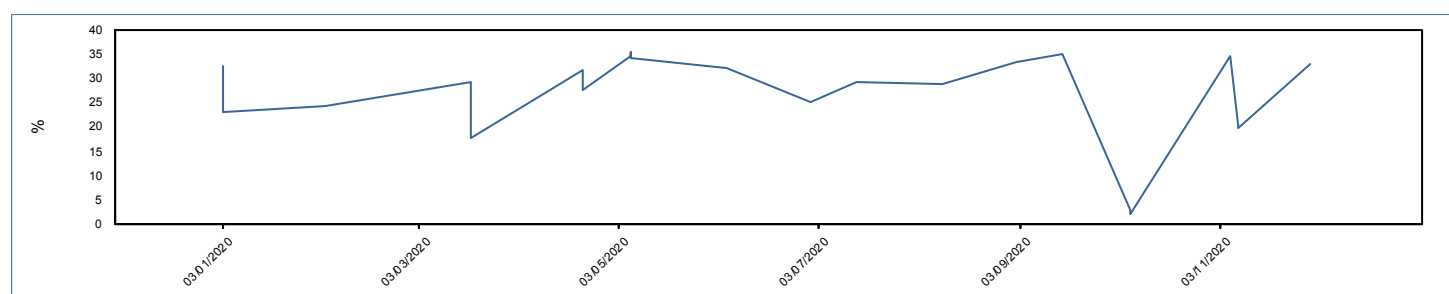
LM04B

Number of readings 28 Number of breaches 0



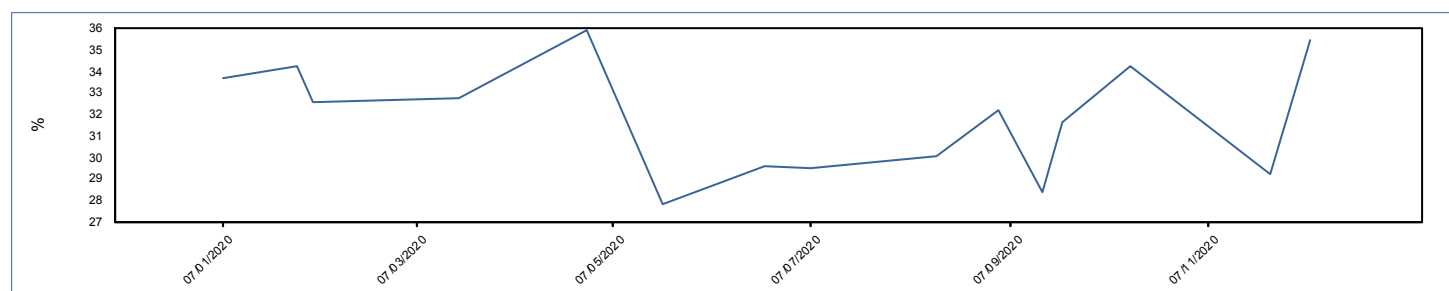
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

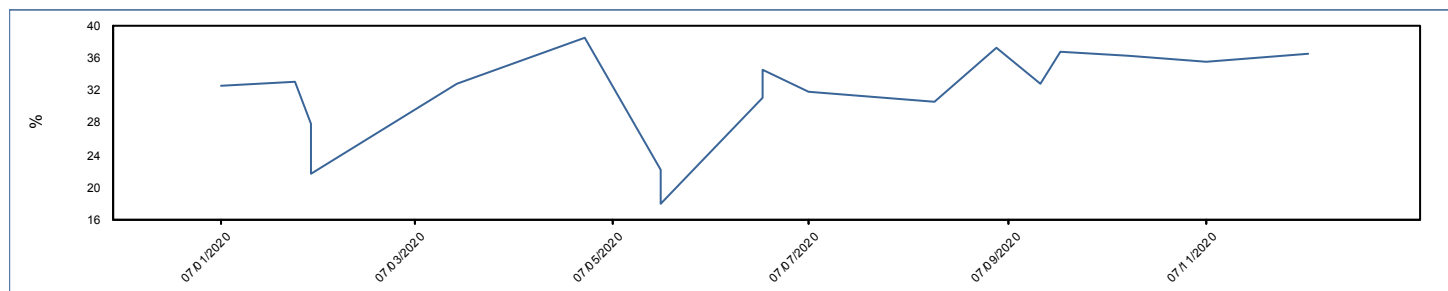
PBLFGXGW03

Number of readings

19

Number of breaches

0



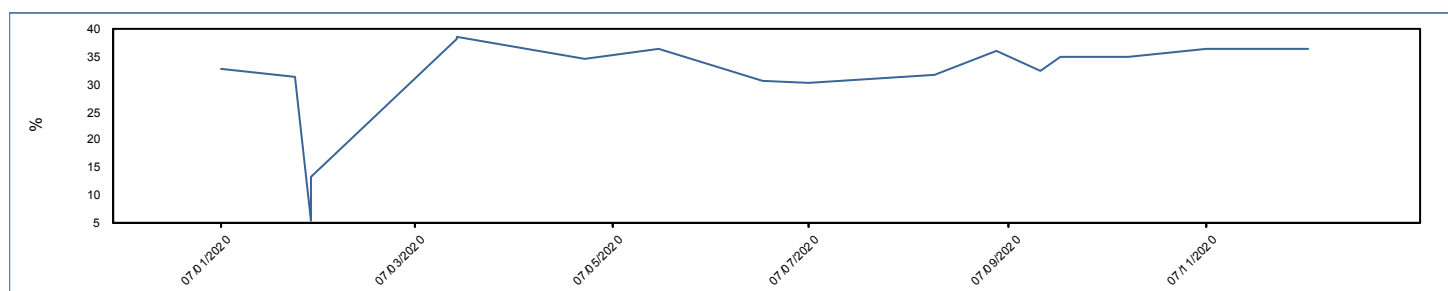
PBLFGXGW07

Number of readings

17

Number of breaches

0



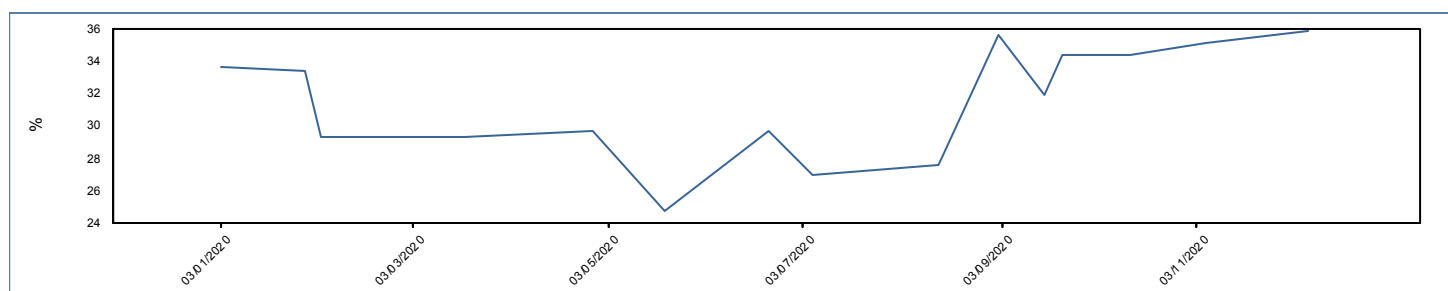
PBLFGXGW18

Number of readings

15

Number of breaches

0



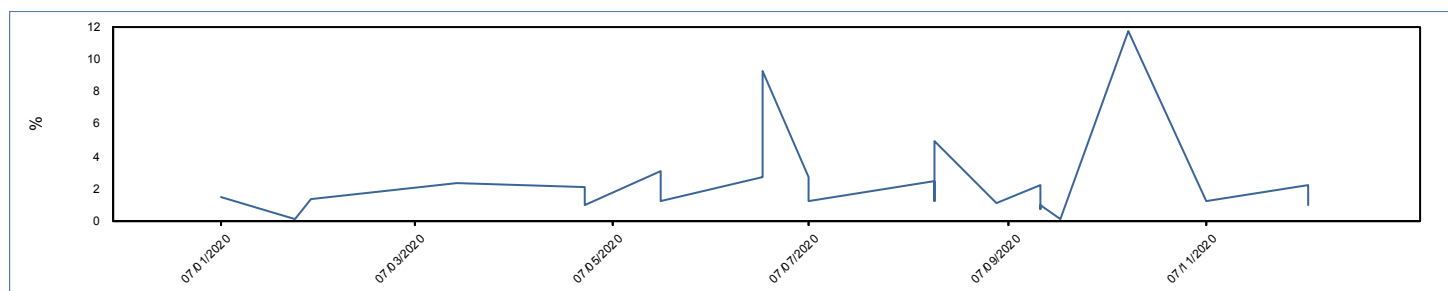
PBLFGXGW28

Number of readings

29

Number of breaches

0



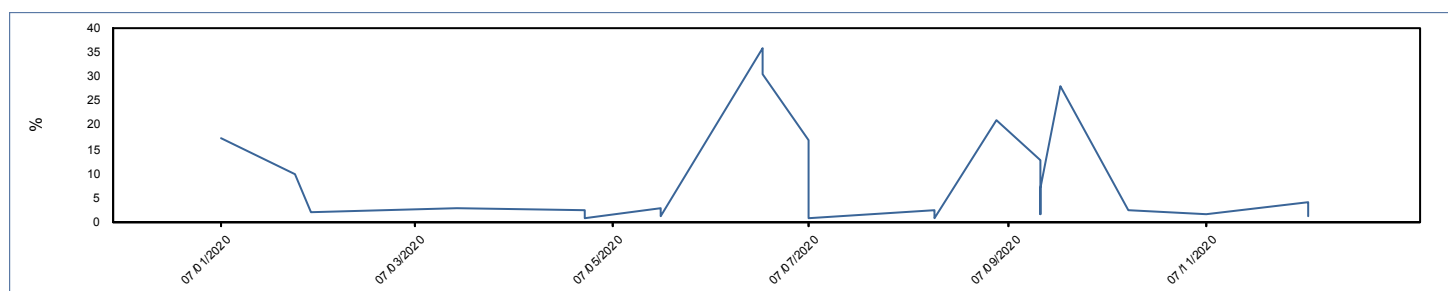
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

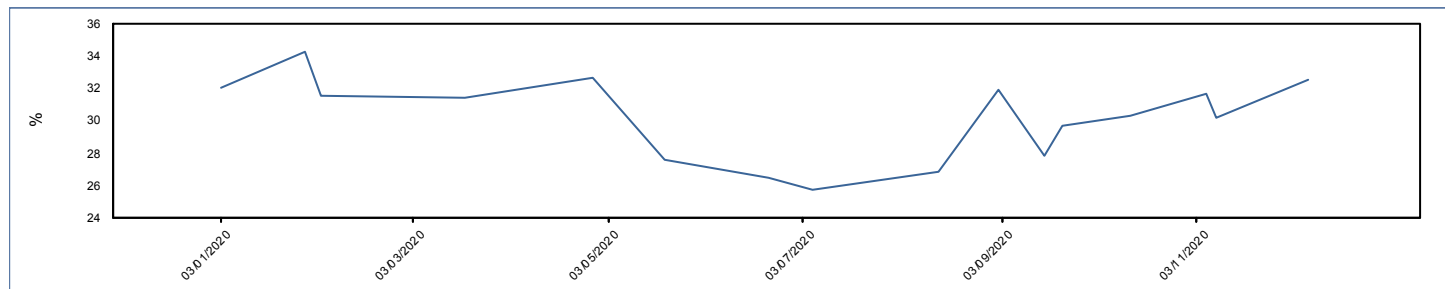
PBLFGXGW30

Number of readings

16

Number of breaches

0



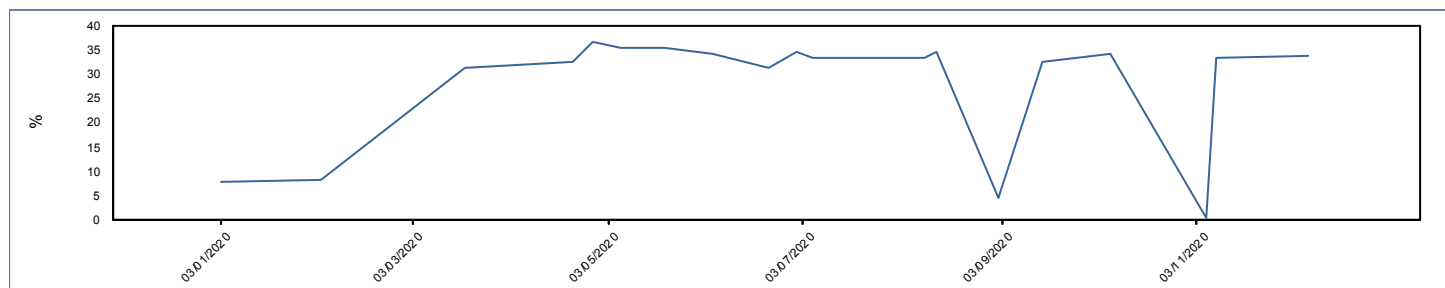
PYBFLARE

Number of readings

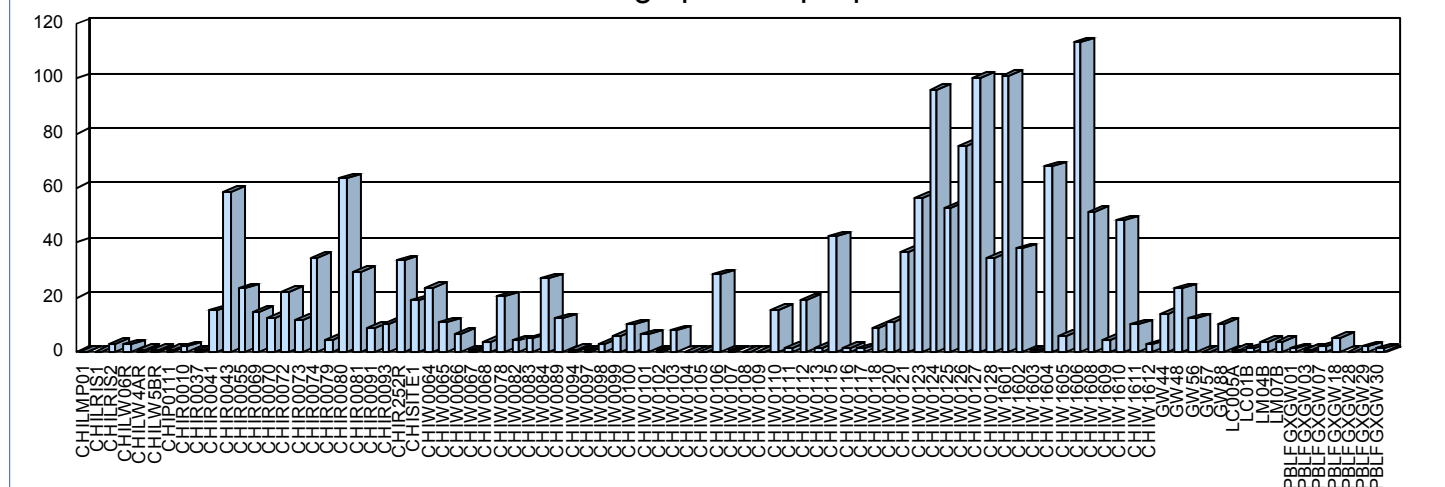
19

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	1.00	0.21	3.00	0.41	0.17	1.00
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	0.00	11.00	3.00	15.00	4.29	18.40	11.00
CHILW06R	28	0	0.00	60.00	2.64	74.00	11.19	125.30	35.00
CHILW4AR	27	0	0.00	21.00	1.00	27.00	3.94	15.56	11.00
CHILW5BR	29	0	0.00	4.00	0.79	23.00	1.19	1.41	4.00
CHIP0111	30	0	0.00	5.00	0.63	19.00	1.62	2.63	5.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0010	30	0	0.00	15.00	1.83	55.00	3.24	10.47	12.00
CHIR0037	31	0	0.00	3.00	0.58	18.00	1.07	1.15	3.00
CHIR0041	16	0	0.00	126.00	15.19	243.00	35.72	1,275.90	126.00
CHIR0043	15	0	0.00	372.00	58.80	882.00	118.99	14,159.36	372.00
CHIR0055	15	0	0.00	138.00	23.20	348.00	41.53	1,725.09	138.00
CHIR0069	15	0	0.00	82.00	14.80	222.00	26.34	693.89	82.00
CHIR0070	15	0	0.00	118.00	12.67	190.00	30.02	901.29	118.00
CHIR0072	16	0	0.00	163.00	22.19	355.00	50.80	2,580.53	163.00
CHIR0073	18	0	0.00	130.00	11.78	212.00	29.55	873.28	130.00
CHIR0074	15	0	0.00	206.00	34.67	520.00	65.99	4,355.02	206.00
CHIR0079	15	0	0.00	32.00	4.47	67.00	7.92	62.65	32.00
CHIR0080	23	0	0.00	713.00	63.30	1,456.00	172.52	29,763.78	608.00
CHIR0081	35	0	0.00	530.00	29.37	1,028.00	100.12	10,024.00	385.50
CHIR0091	17	0	0.00	70.00	8.88	151.00	21.03	442.22	70.00
CHIR0093	17	0	0.00	45.00	10.12	172.00	12.11	146.57	45.00
CHIR252R	14	0	0.00	409.00	33.36	467.00	104.35	10,888.80	409.00
CHISITE1	57	0	0.00	158.00	18.74	1,068.00	40.74	1,659.98	149.00
CHIW0064	15	0	0.00	157.00	23.47	352.00	49.33	2,433.58	157.00
CHIW0065	14	0	0.00	56.00	10.57	148.00	18.65	347.82	56.00
CHIW0066	16	0	0.00	53.00	6.75	108.00	14.93	222.81	53.00
CHIW0067	37	0	0.00	10.00	0.49	18.00	1.65	2.74	6.00
CHIW0068	16	0	0.00	37.00	3.63	58.00	8.81	77.61	37.00
CHIW0078	20	0	0.00	345.00	20.25	405.00	74.90	5,610.69	190.50
CHIW0082	19	0	0.00	22.00	4.16	79.00	5.92	35.08	22.00
CHIW0083	16	0	0.00	35.00	4.88	78.00	8.92	79.48	35.00
CHIW0084	14	0	0.00	189.00	26.79	375.00	60.81	3,698.31	189.00
CHIW0089	16	0	0.00	99.00	12.06	193.00	29.05	843.93	99.00
CHIW0094	34	0	0.00	8.00	0.94	32.00	2.30	5.29	8.00
CHIW0097	34	0	0.00	5.00	0.59	20.00	1.48	2.18	5.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0098	16	0	0.00	25.00	3.13	50.00	6.24	38.98	25.00
CHIW0099	16	0	0.00	35.00	5.75	92.00	10.13	102.69	35.00
CHIW0100	22	0	0.00	39.00	9.86	217.00	12.02	144.39	35.50
CHIW0101	16	0	0.00	54.00	6.31	101.00	13.47	181.46	54.00
CHIW0102	39	0	0.00	6.00	0.49	19.00	1.43	2.04	5.00
CHIW0103	24	0	0.00	88.00	7.83	188.00	17.93	321.47	55.00
CHIW0104	30	0	0.00	2.00	0.27	8.00	0.51	0.26	1.50
CHIW0105	24	0	0.00	2.00	0.21	5.00	0.50	0.25	1.50
CHIW0106	26	0	0.00	727.00	28.23	734.00	139.76	19,532.10	366.00
CHIW0107	25	0	0.00	5.00	0.36	9.00	1.02	1.03	3.00
CHIW0108	25	0	0.00	1.00	0.16	4.00	0.37	0.13	1.00
CHIW0109	25	0	0.00	2.00	0.24	6.00	0.65	0.42	2.00
CHIW0110	15	0	0.00	111.00	15.53	233.00	34.70	1,204.38	111.00
CHIW0111	28	0	0.00	10.00	1.54	43.00	3.09	9.53	9.50
CHIW0112	15	0	0.00	85.00	19.27	289.00	31.18	972.46	85.00
CHIW0113	20	0	0.00	9.00	1.65	33.00	2.03	4.13	6.00
CHIW0115	16	0	0.00	304.00	42.19	675.00	93.90	8,817.90	304.00
CHIW0116	26	0	0.00	5.00	1.38	36.00	1.60	2.54	4.50
CHIW0117	32	0	0.00	4.00	1.09	35.00	1.23	1.52	3.50
CHIW0118	16	0	0.00	66.00	8.94	143.00	21.43	459.31	66.00
CHIW0120	14	0	0.00	89.00	10.86	152.00	23.39	546.98	89.00
CHIW0121	15	0	0.00	170.00	36.47	547.00	55.94	3,128.92	170.00
CHIW0123	18	0	0.00	317.00	56.50	1,017.00	93.65	8,769.92	317.00
CHIW0124	17	0	0.00	579.00	96.00	1,632.00	187.81	35,273.76	579.00
CHIW0125	20	0	1.00	299.00	52.75	1,055.00	79.43	6,309.69	283.00
CHIW0126	17	0	0.00	628.00	75.29	1,280.00	148.81	22,144.56	628.00
CHIW0127	15	0	0.00	504.00	100.20	1,503.00	143.53	20,601.09	504.00
CHIW0128	19	0	0.00	186.00	34.26	651.00	52.97	2,806.30	186.00
CHIW1601	15	0	0.00	965.00	101.20	1,518.00	242.62	58,862.69	965.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1602	25	0	0.00	611.00	37.64	941.00	119.36	14,247.19	360.00
CHIW1603	8	0	0.00	2.00	0.50	4.00	0.71	0.50	2.00
CHIW1604	17	0	0.00	327.00	67.82	1,153.00	114.58	13,127.44	327.00
CHIW1605	16	0	0.00	44.00	5.75	92.00	12.40	153.81	44.00
CHIW1606	16	0	0.00	784.00	113.25	1,812.00	202.88	41,160.31	784.00
CHIW1608	15	0	0.00	309.00	51.40	771.00	97.67	9,539.71	309.00
CHIW1609	20	0	0.00	29.00	4.60	92.00	7.23	52.34	24.00
CHIW1610	15	0	0.00	250.00	47.87	718.00	74.93	5,614.92	250.00
CHIW1611	16	0	0.00	81.00	9.94	159.00	20.99	440.56	81.00
CHIW1612	24	0	0.00	55.00	2.67	64.00	10.95	119.97	29.50
GW44	14	0	0.00	74.00	14.00	196.00	21.88	478.86	74.00
GW48	16	0	0.00	215.00	23.13	370.00	58.89	3,468.23	215.00
GW56	17	0	0.00	67.00	12.18	207.00	21.68	470.03	67.00
GW57	30	0	0.00	1.00	0.13	4.00	0.34	0.12	1.00
GW88	16	0	0.00	92.00	10.19	163.00	24.67	608.40	92.00
LC005A	29	0	0.00	4.00	0.86	25.00	1.36	1.84	4.00
LC01B	24	0	0.00	4.00	1.21	29.00	1.35	1.83	4.00
LM04B	28	0	0.00	41.00	3.54	99.00	8.11	65.82	27.00
LM07B	25	0	0.00	78.00	3.60	90.00	15.24	232.40	41.50
PBLFGXGW01	15	0	0.00	9.00	1.20	18.00	2.59	6.69	9.00
PBLFGXGW03	19	0	0.00	7.00	0.84	16.00	2.01	4.03	7.00
PBLFGXGW07	17	0	0.00	19.00	2.06	35.00	4.98	24.76	19.00
PBLFGXGW18	15	0	0.00	49.00	5.40	81.00	13.42	180.11	49.00
PBLFGXGW28	29	0	0.00	1.00	0.10	3.00	0.30	0.09	1.00
PBLFGXGW29	28	0	0.00	39.00	1.89	53.00	7.43	55.17	25.00
PBLFGXGW30	16	0	0.00	14.00	1.25	20.00	3.36	11.31	14.00
Total	1,865	0	0.00	965.00	15.53	28,971.00	64.67	4,181.69	77.00

Data from: 1 Jan 2020 to: 31 Dec 2020

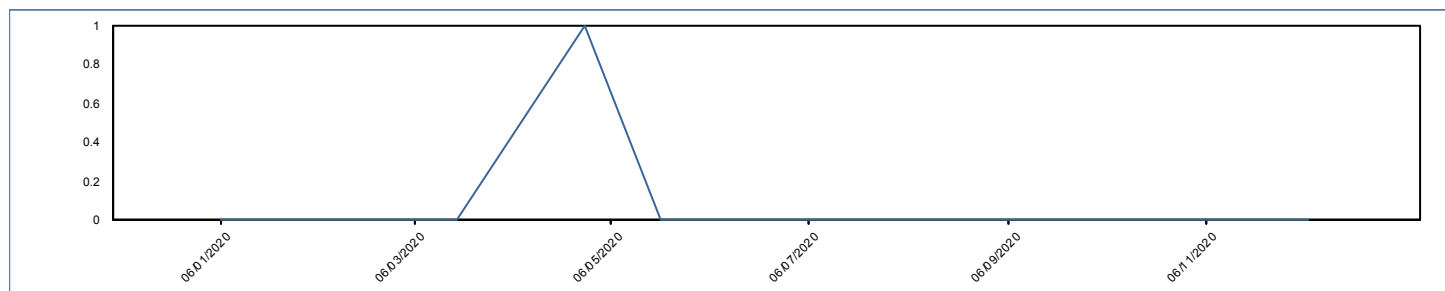
CHILMP01

Number of readings

14

Number of breaches

0



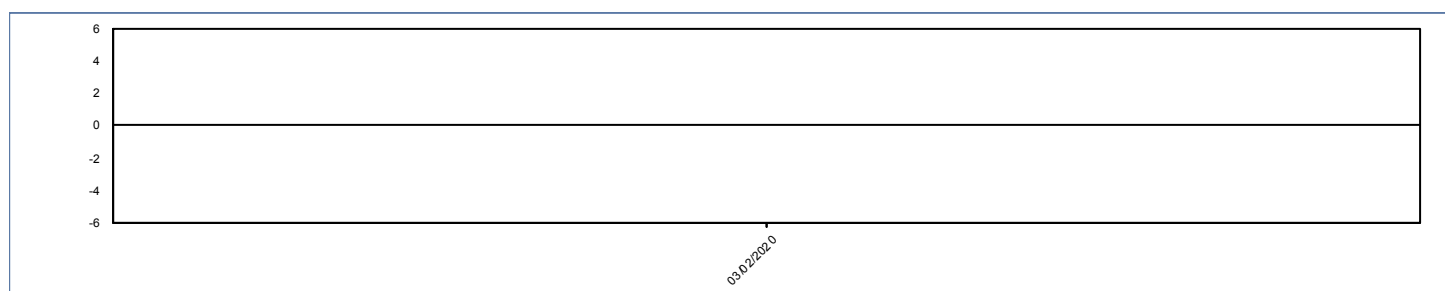
CHILRIS1

Number of readings

1

Number of breaches

0



CHILRIS2

Number of readings

5

Number of breaches

0



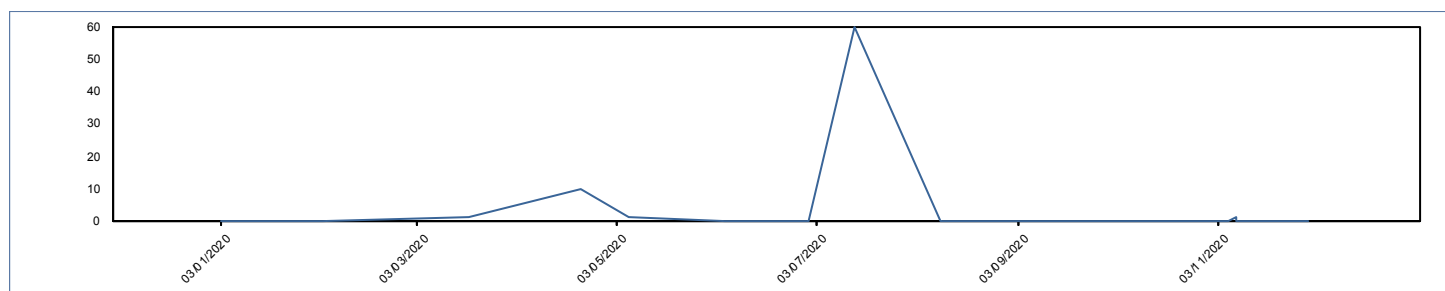
CHILW06R

Number of readings

28

Number of breaches

0



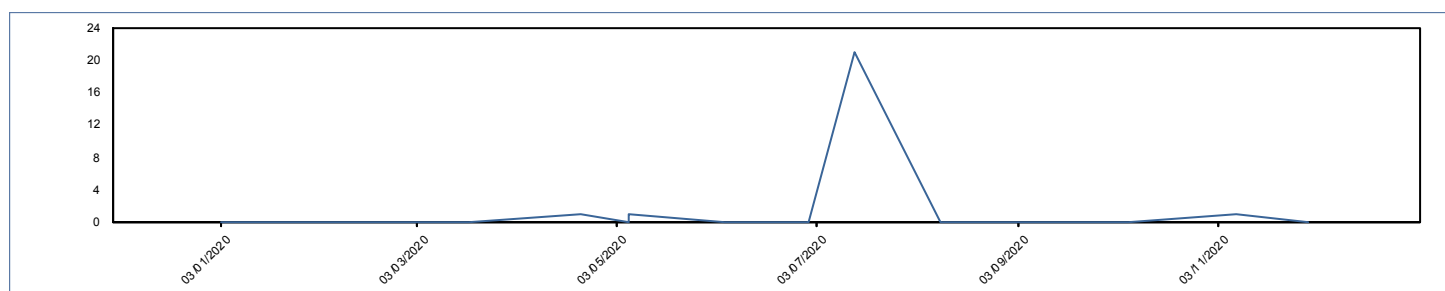
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

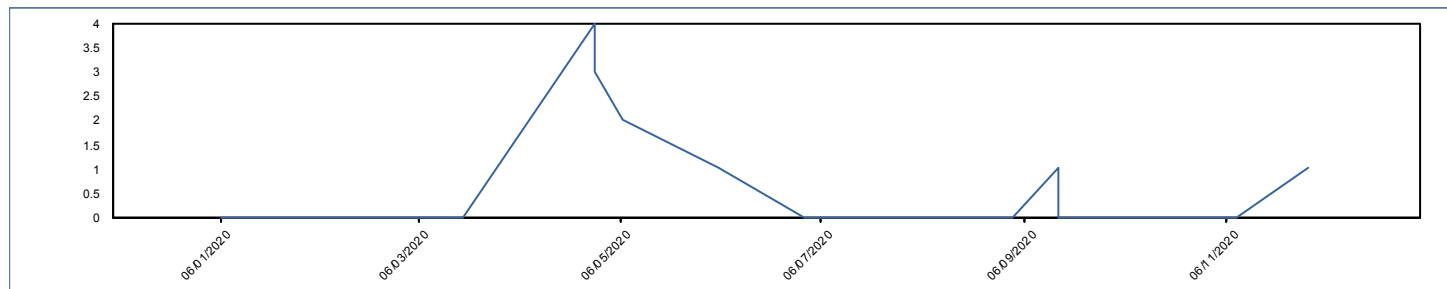
CHILW5BR

Number of readings

29

Number of breaches

0



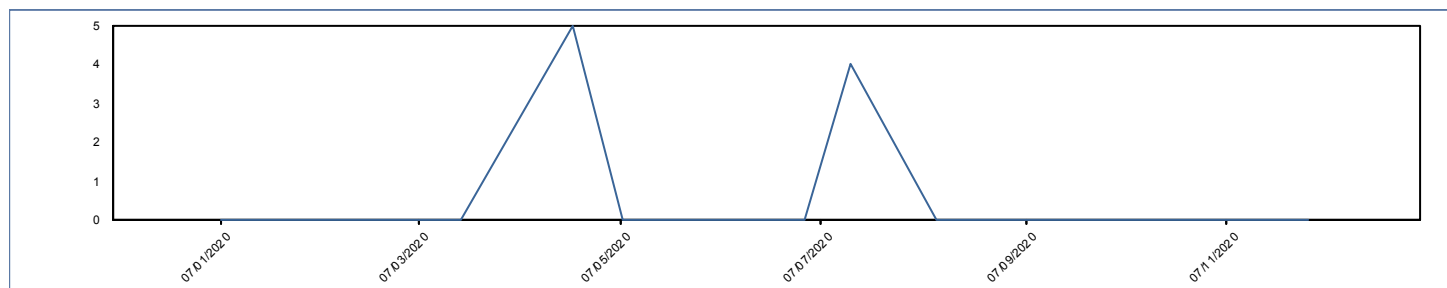
CHIP0111

Number of readings

30

Number of breaches

0



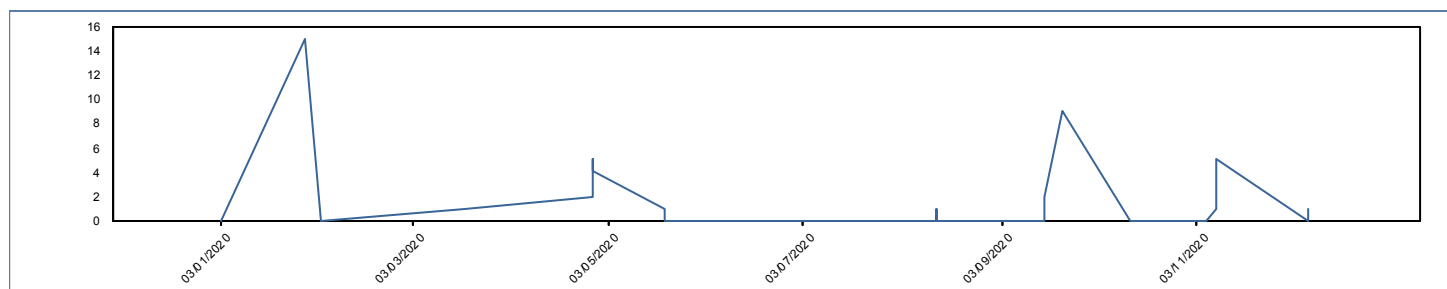
CHIR0010

Number of readings

30

Number of breaches

0



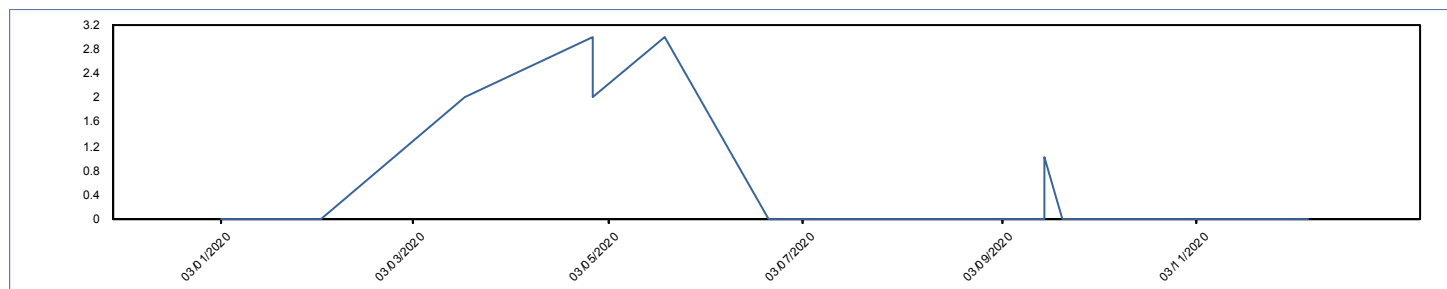
CHIR0037

Number of readings

31

Number of breaches

0



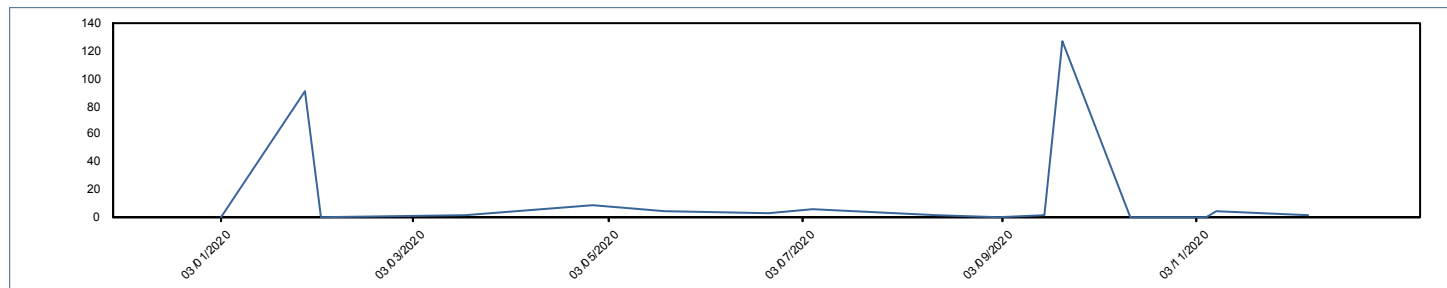
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

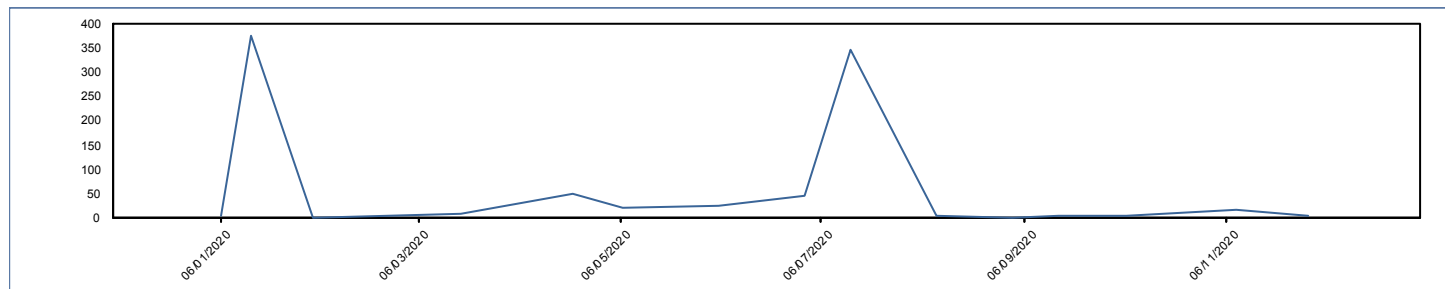
CHIR0043

Number of readings

15

Number of breaches

0



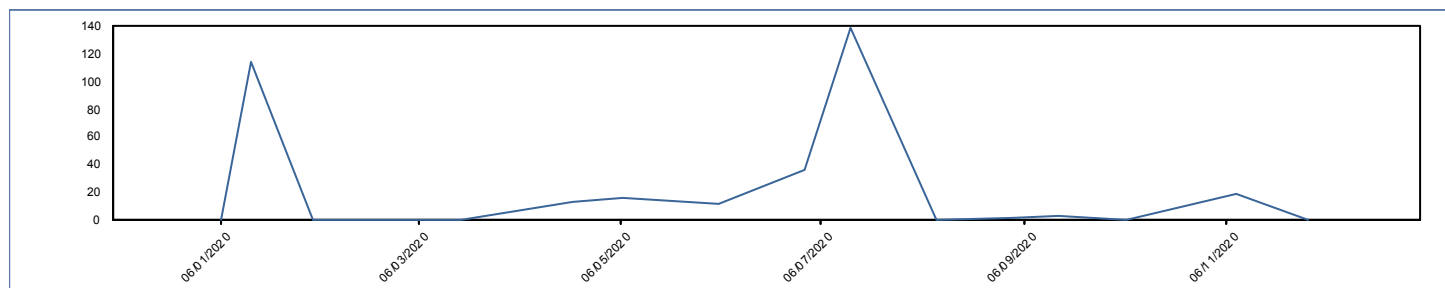
CHIR0055

Number of readings

15

Number of breaches

0



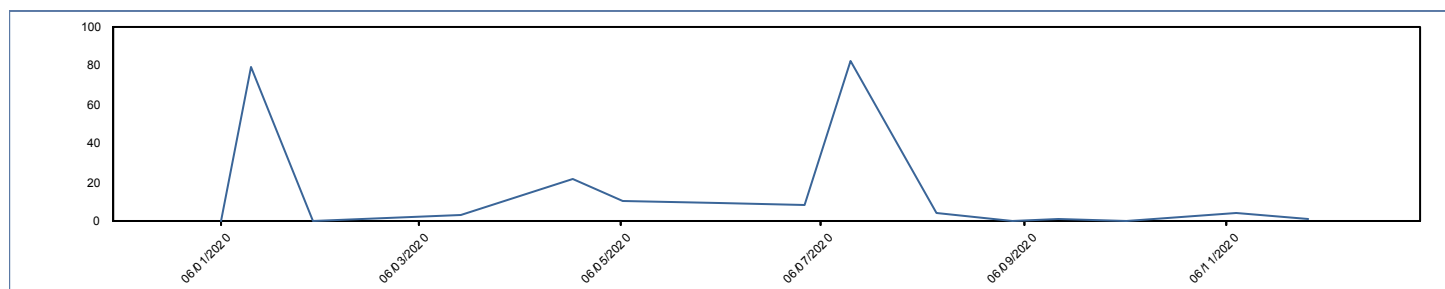
CHIR0069

Number of readings

15

Number of breaches

0



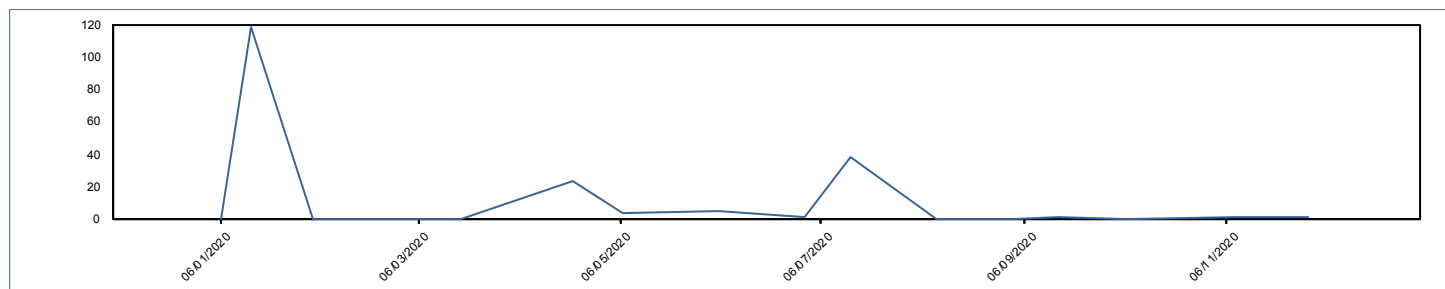
CHIR0070

Number of readings

15

Number of breaches

0



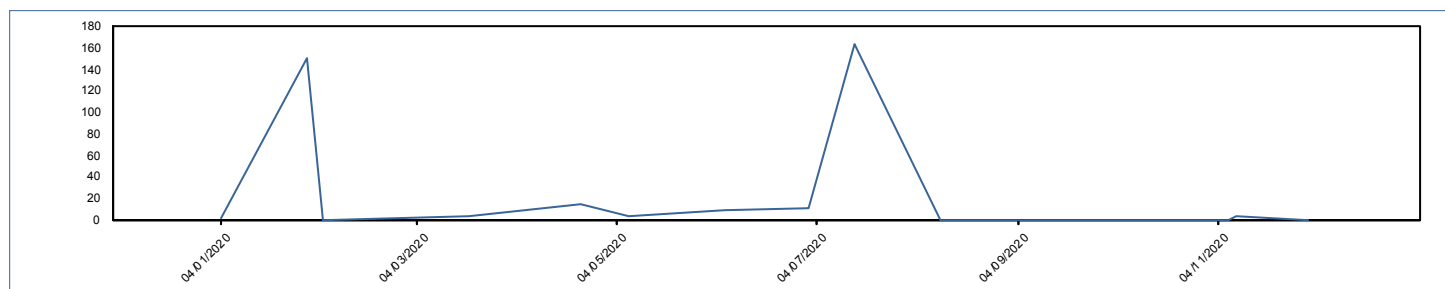
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

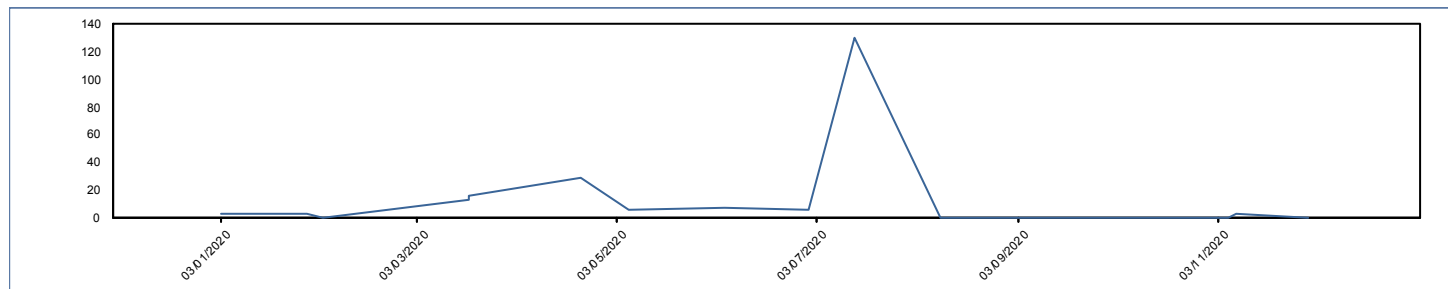
CHIR0073

Number of readings

18

Number of breaches

0



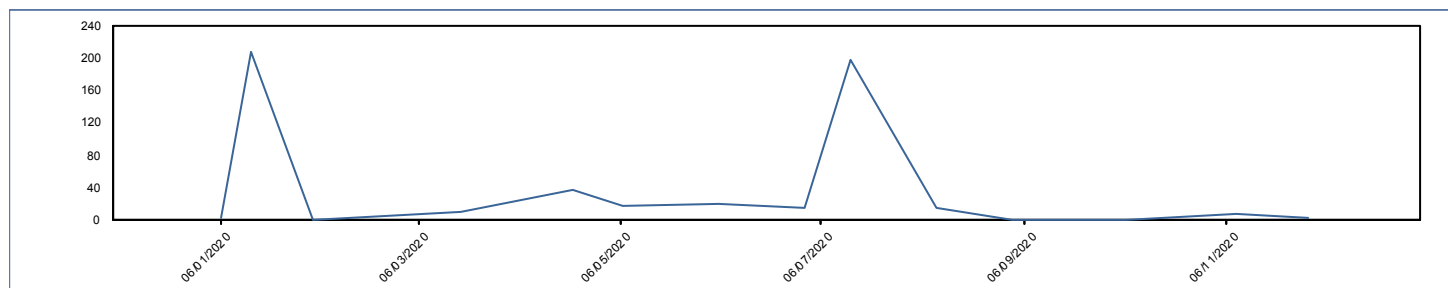
CHIR0074

Number of readings

15

Number of breaches

0



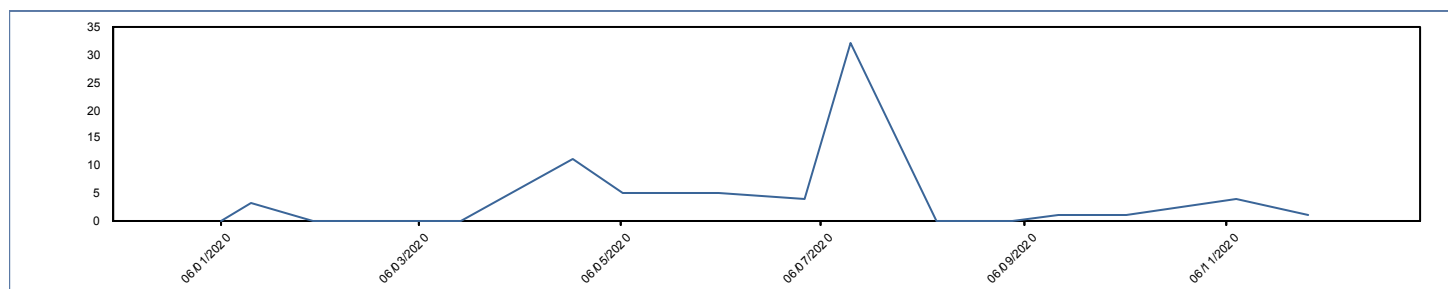
CHIR0079

Number of readings

15

Number of breaches

0



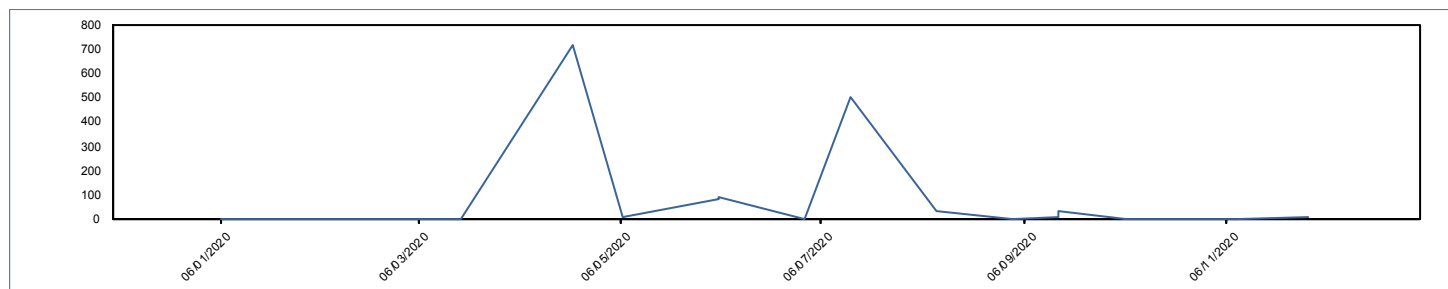
CHIR0080

Number of readings

23

Number of breaches

0



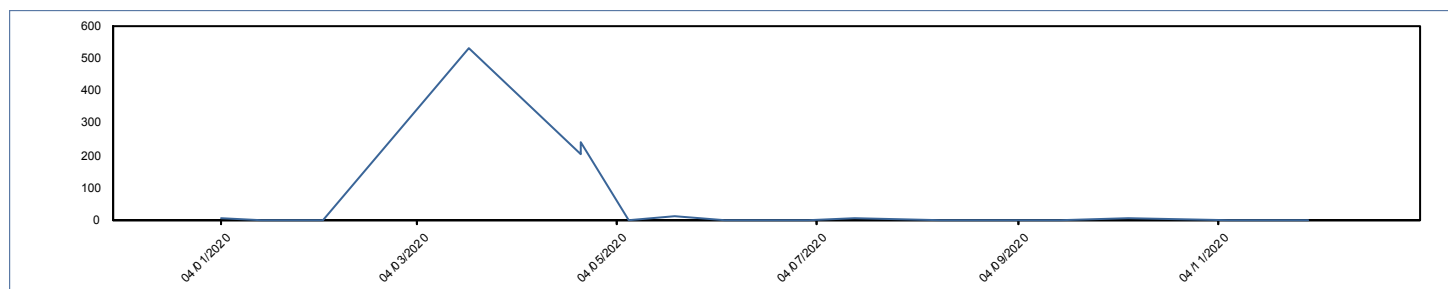
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

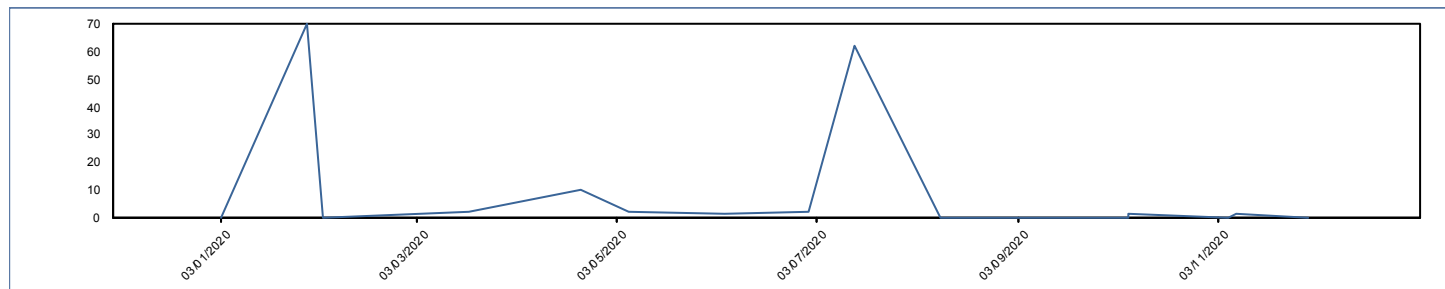
CHIR0091

Number of readings

17

Number of breaches

0



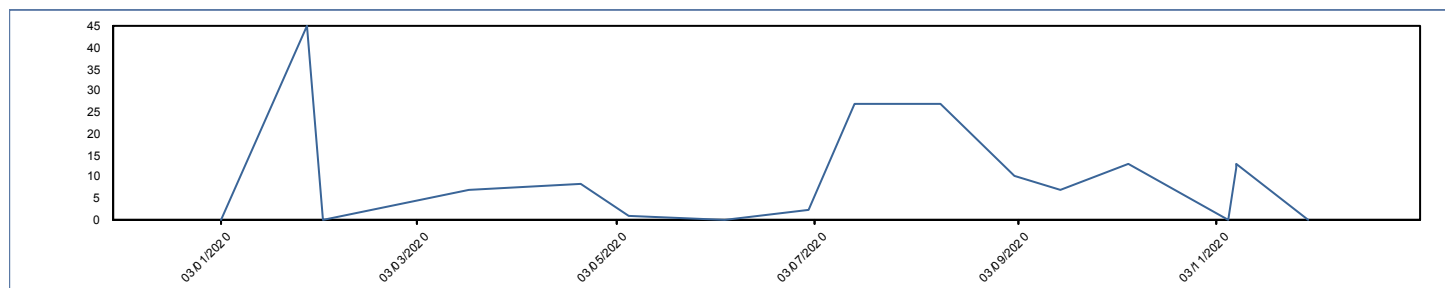
CHIR0093

Number of readings

17

Number of breaches

0



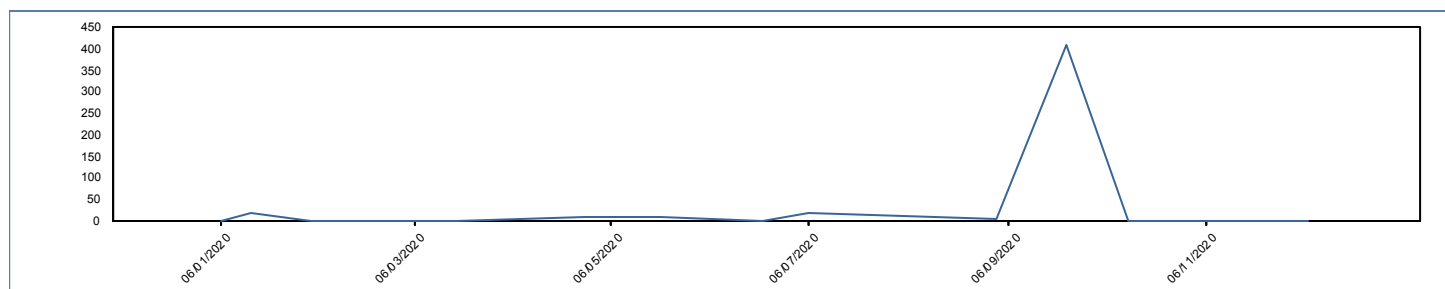
CHIR252R

Number of readings

14

Number of breaches

0



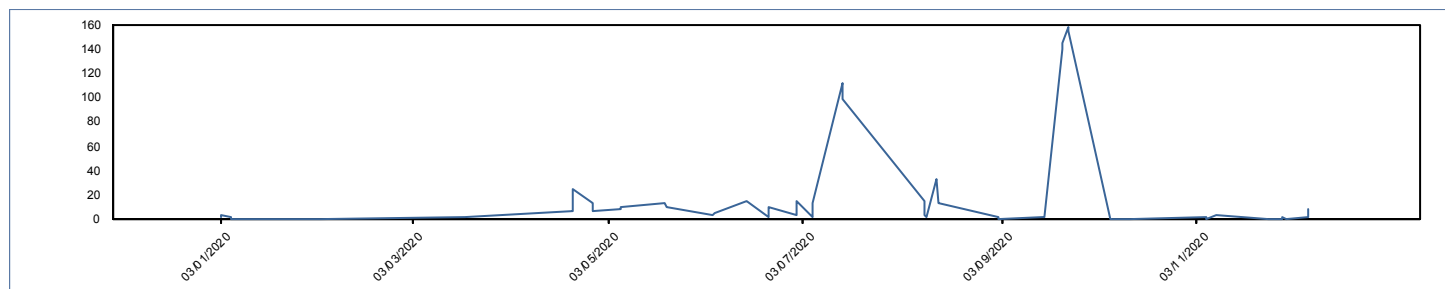
CHISITE1

Number of readings

57

Number of breaches

0



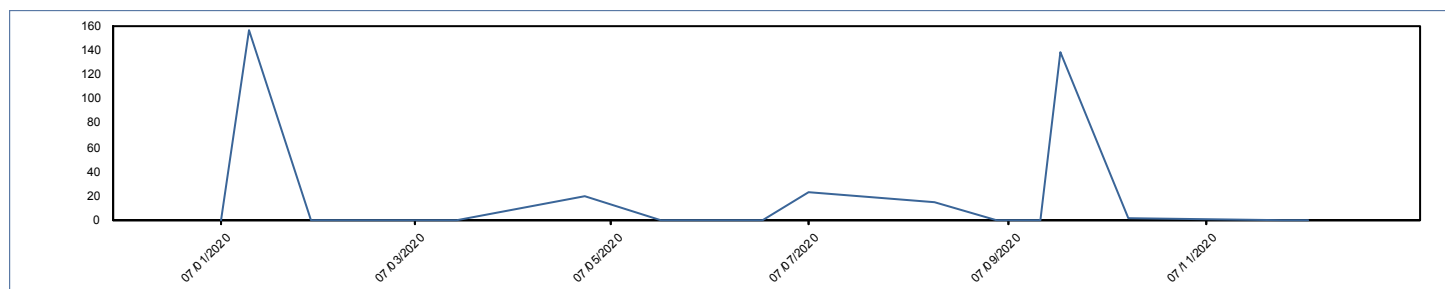
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

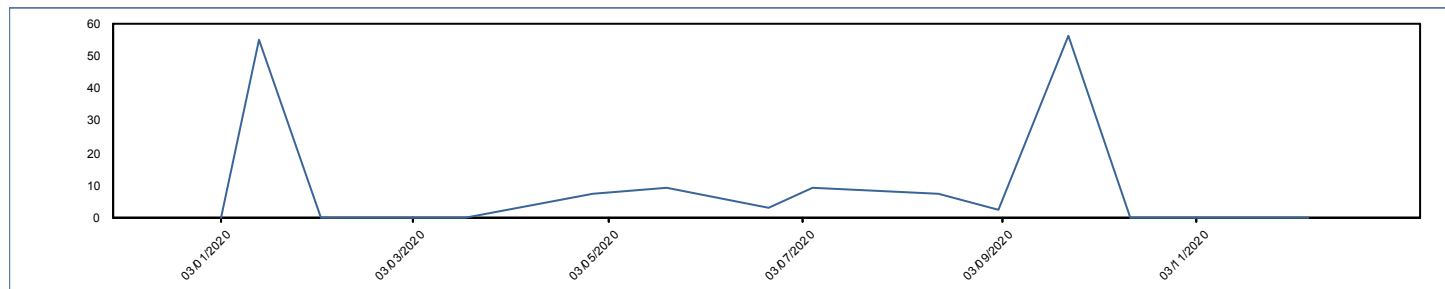
CHIW0065

Number of readings

14

Number of breaches

0



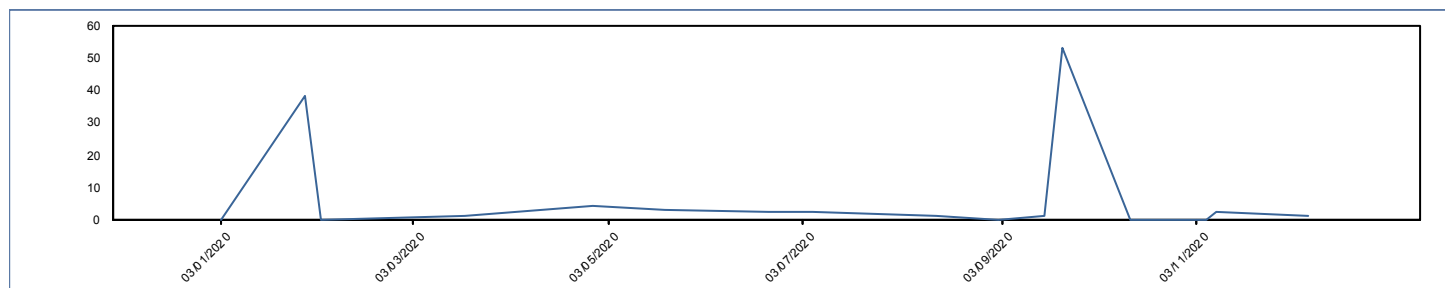
CHIW0066

Number of readings

16

Number of breaches

0



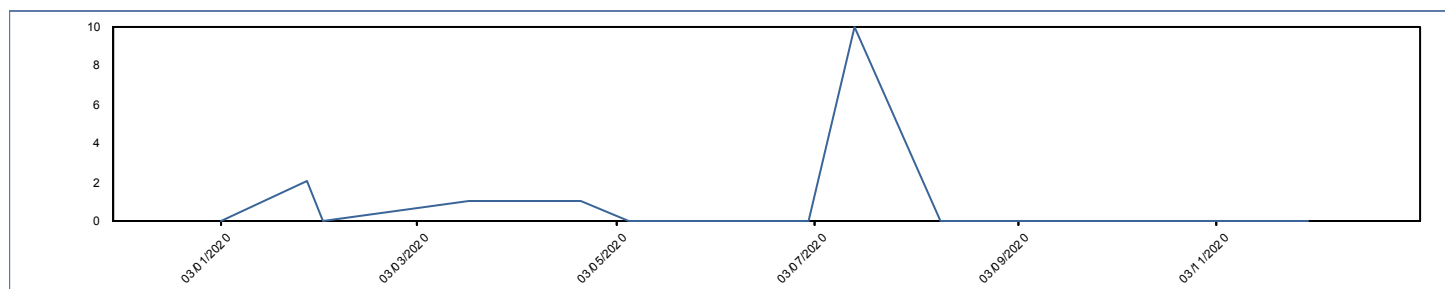
CHIW0067

Number of readings

37

Number of breaches

0



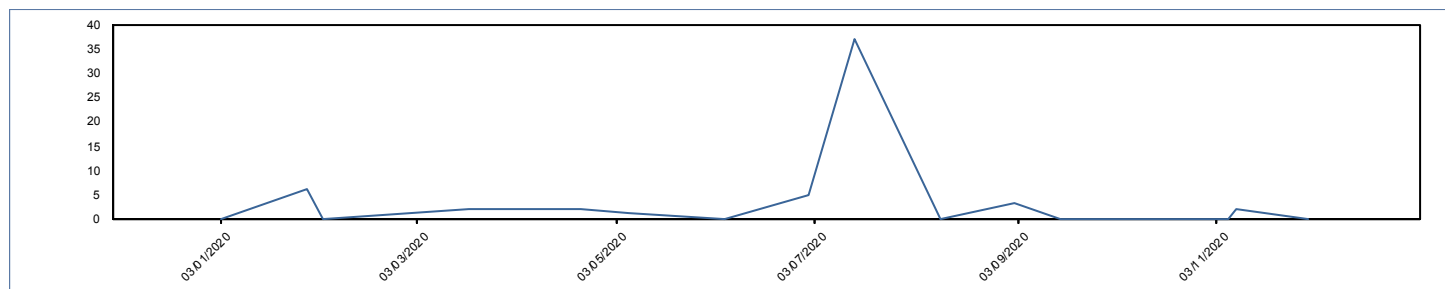
CHIW0068

Number of readings

16

Number of breaches

0



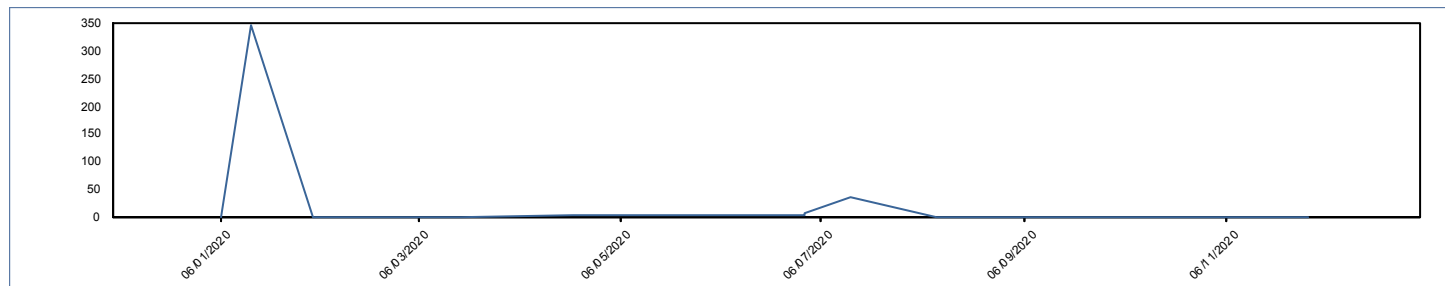
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

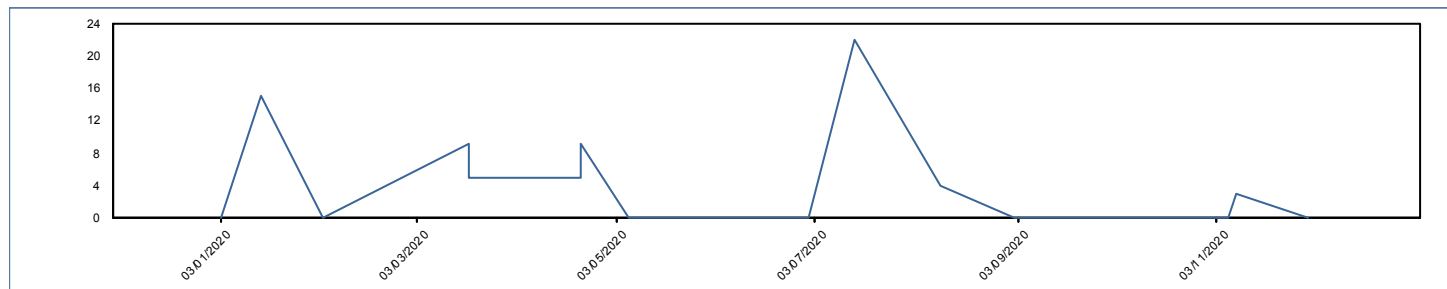
CHIW0082

Number of readings

19

Number of breaches

0



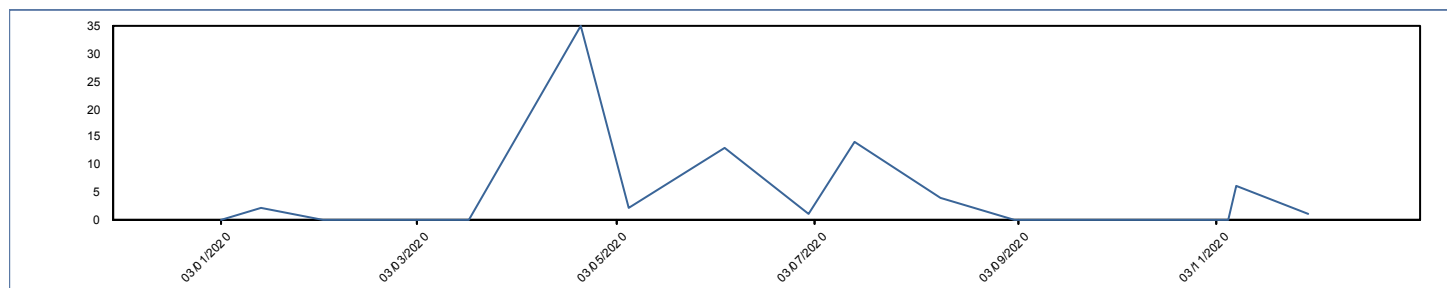
CHIW0083

Number of readings

16

Number of breaches

0



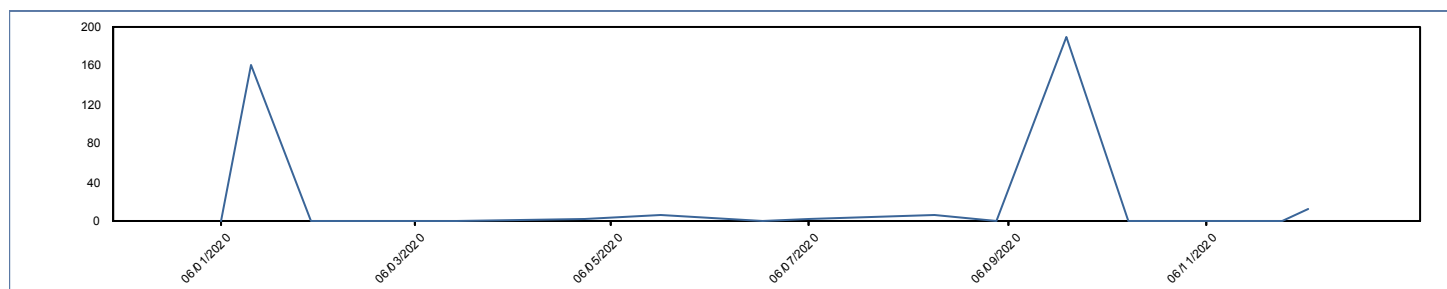
CHIW0084

Number of readings

14

Number of breaches

0



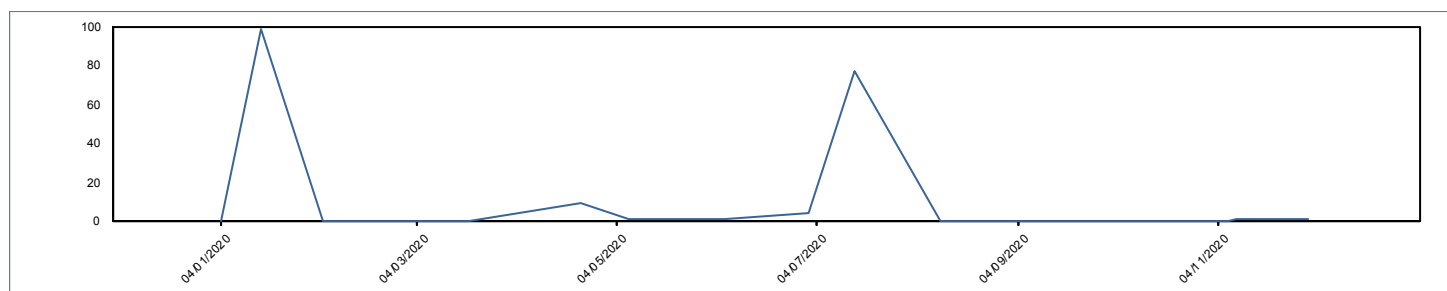
CHIW0089

Number of readings

16

Number of breaches

0



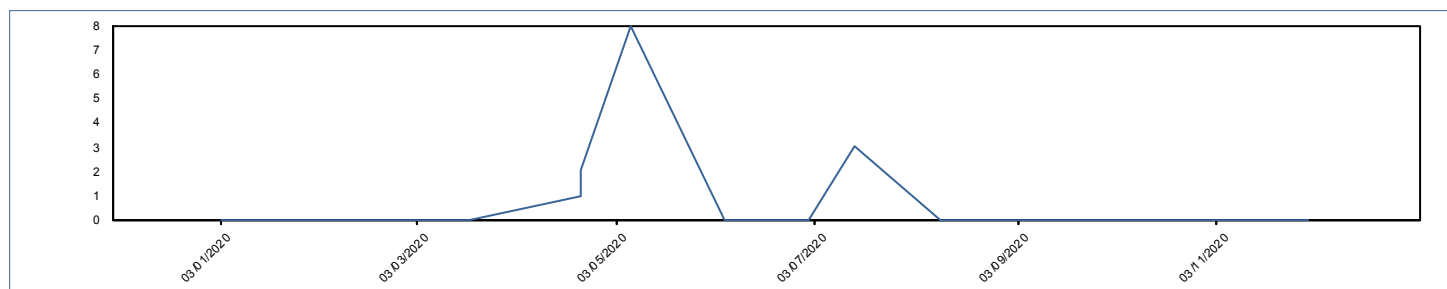
CHIW0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

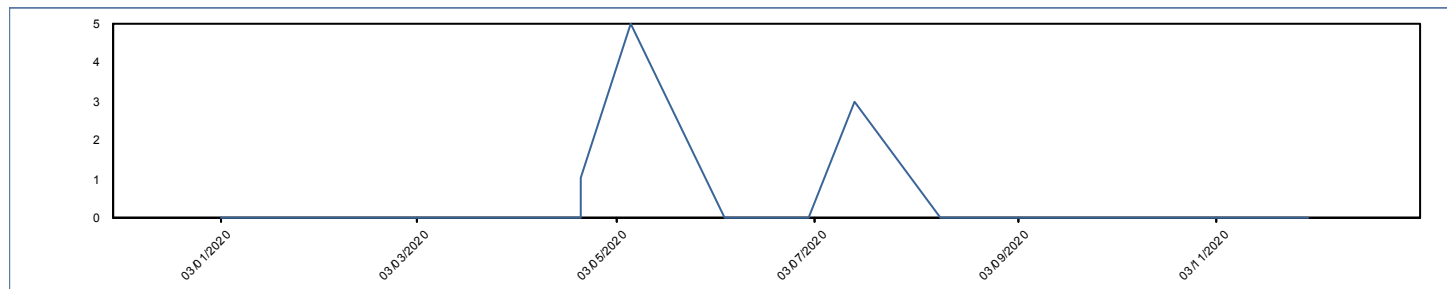
CHI0097

Number of readings

34

Number of breaches

0



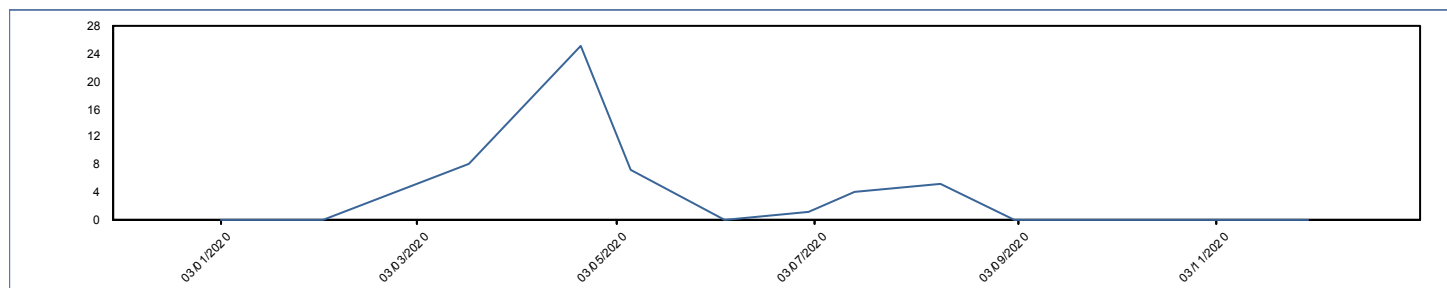
CHI0098

Number of readings

16

Number of breaches

0



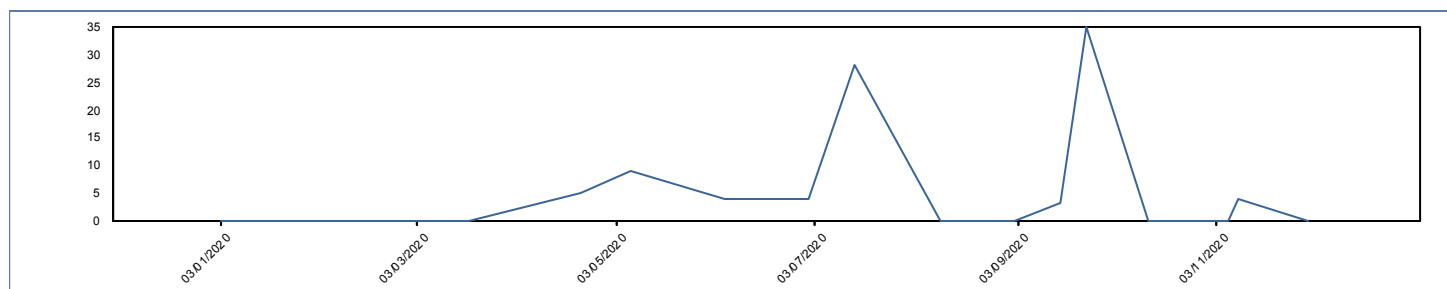
CHI0099

Number of readings

16

Number of breaches

0



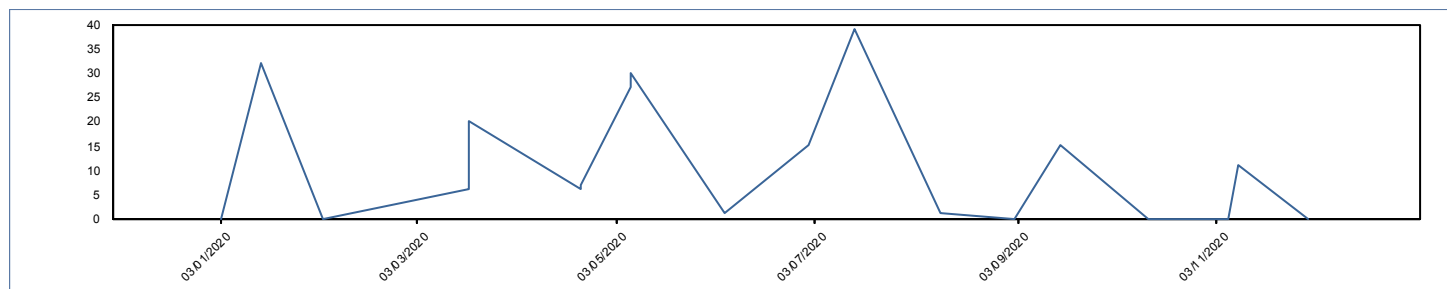
CHI0100

Number of readings

22

Number of breaches

0



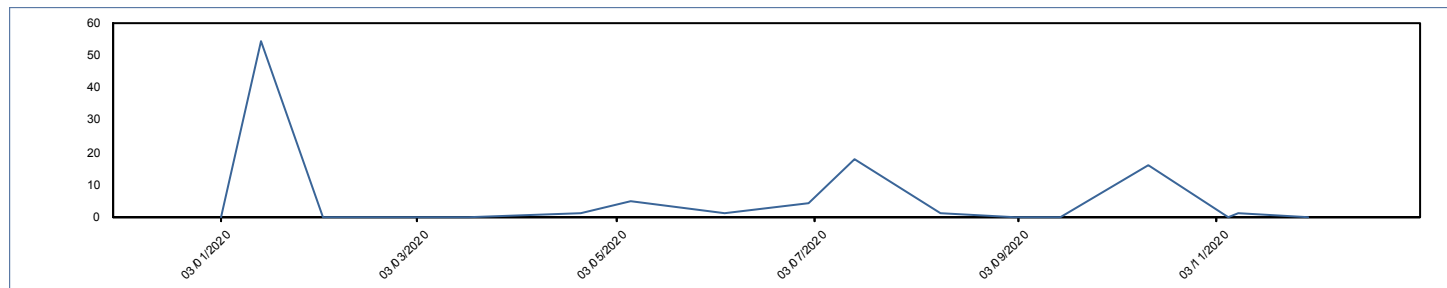
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

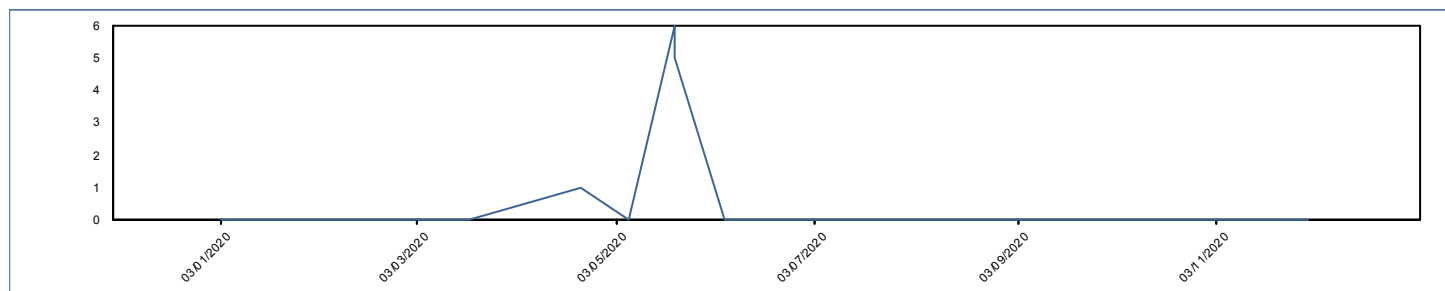
CHIWO102

Number of readings

39

Number of breaches

0



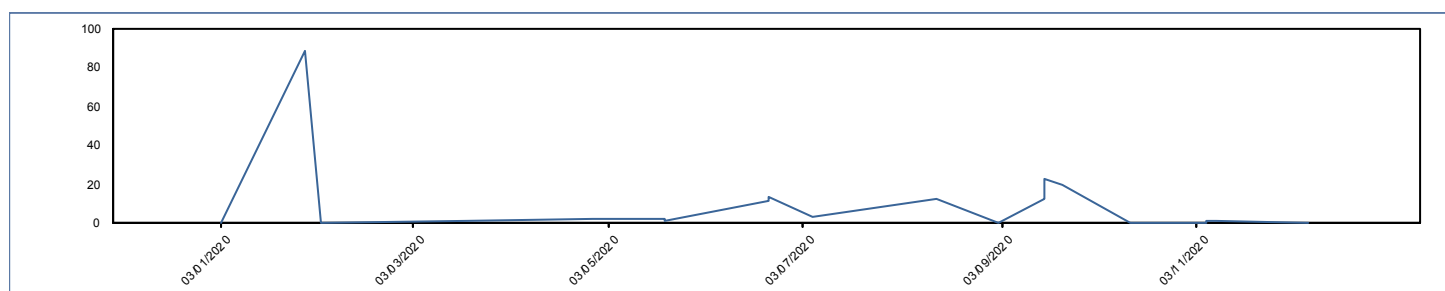
CHIWO103

Number of readings

24

Number of breaches

0



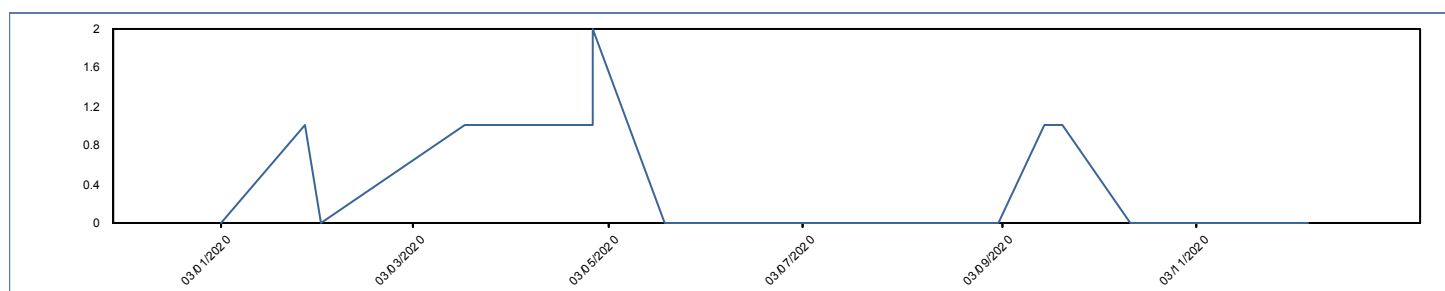
CHIWO104

Number of readings

30

Number of breaches

0



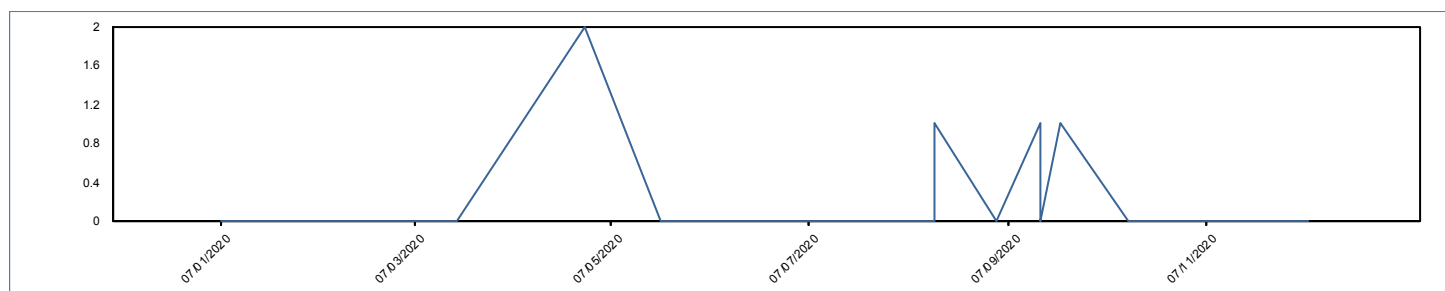
CHIWO105

Number of readings

24

Number of breaches

0



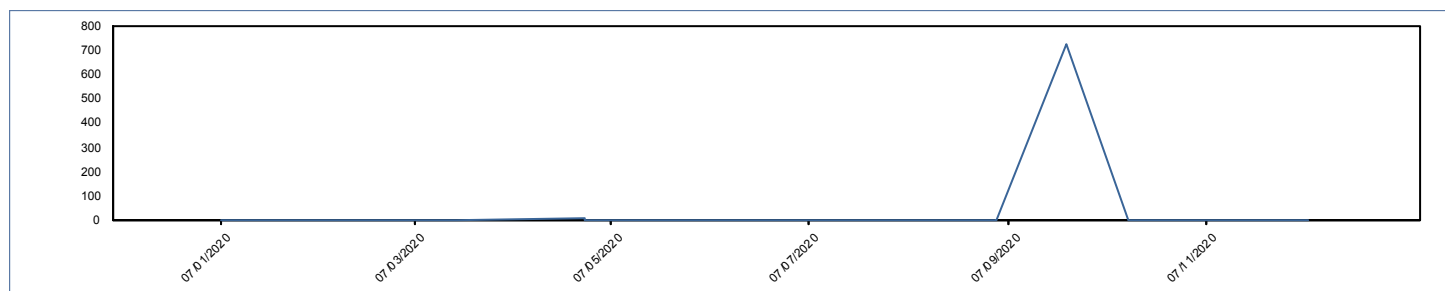
CHIWO106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

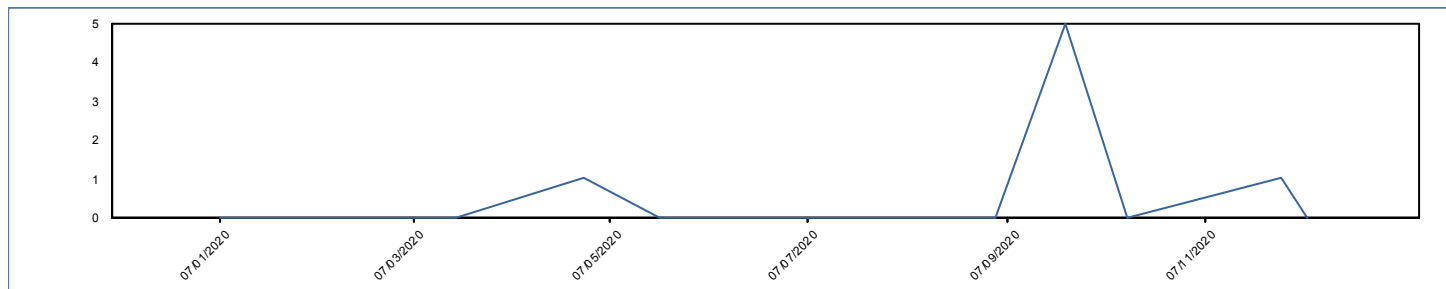
CHIWO107

Number of readings

25

Number of breaches

0



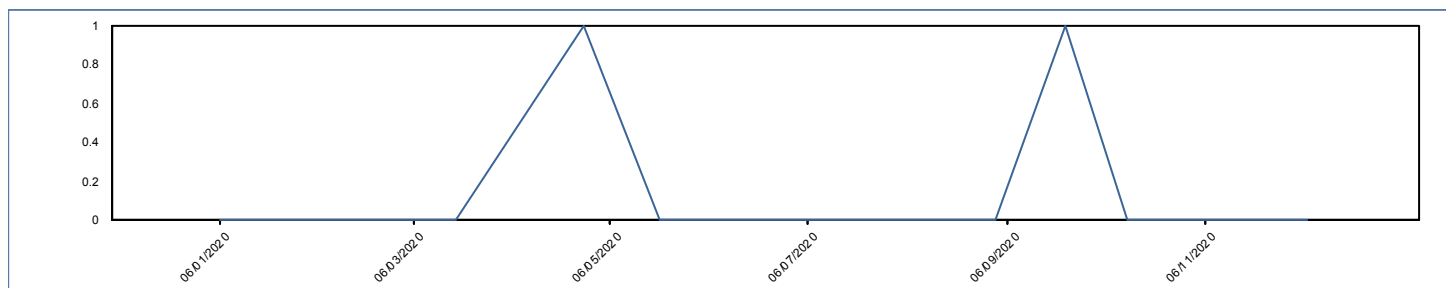
CHIWO108

Number of readings

25

Number of breaches

0



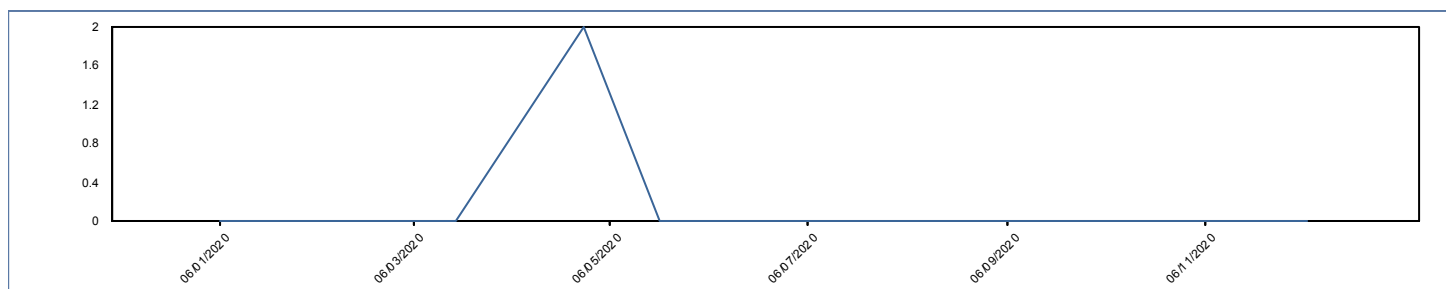
CHIWO109

Number of readings

25

Number of breaches

0



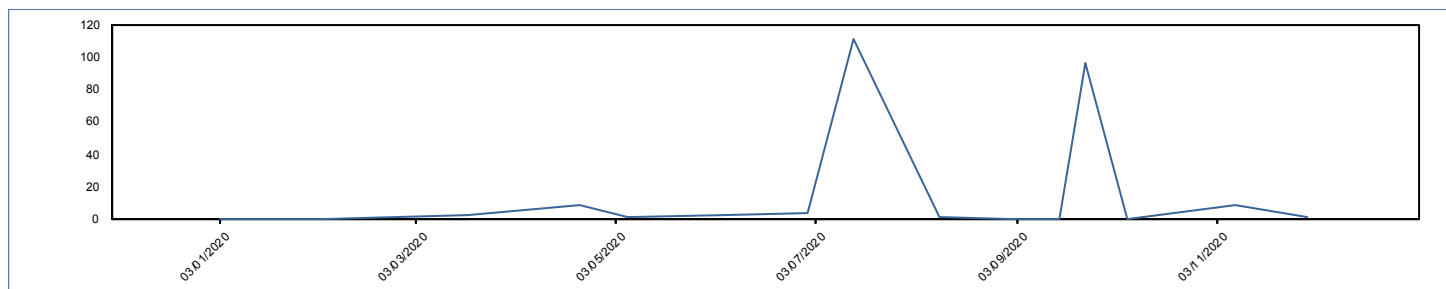
CHIWO110

Number of readings

15

Number of breaches

0



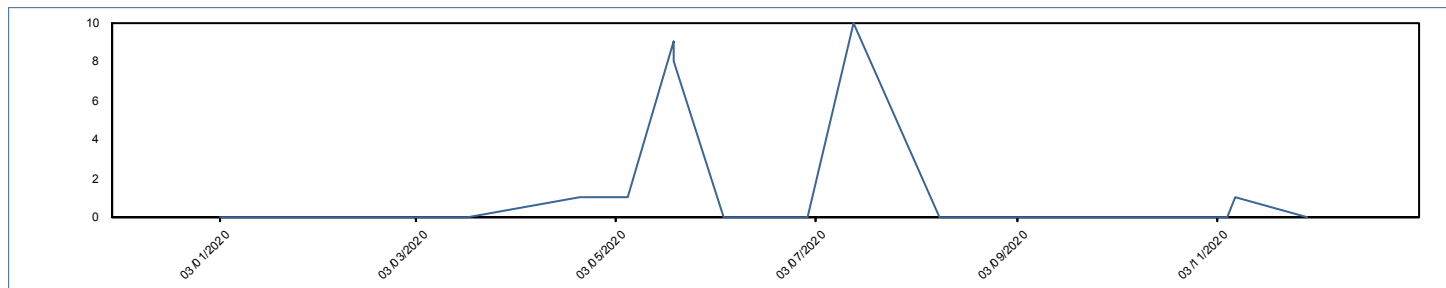
CHIWO111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

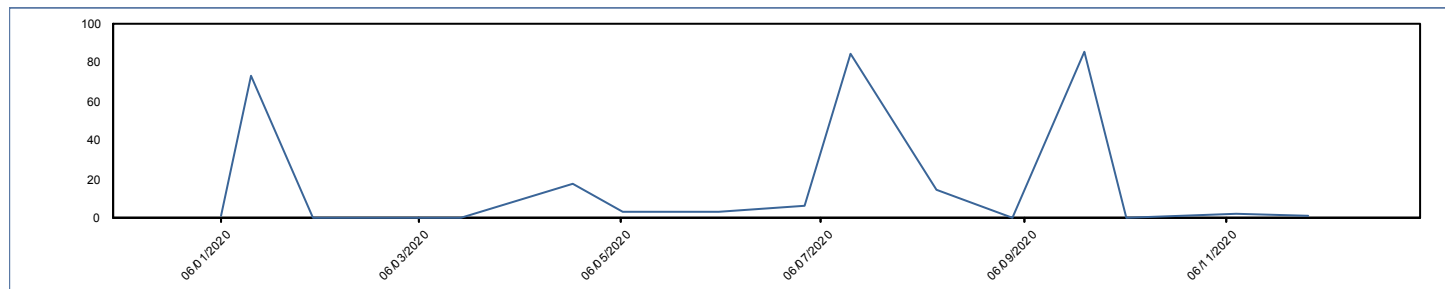
CHIWO112

Number of readings

15

Number of breaches

0



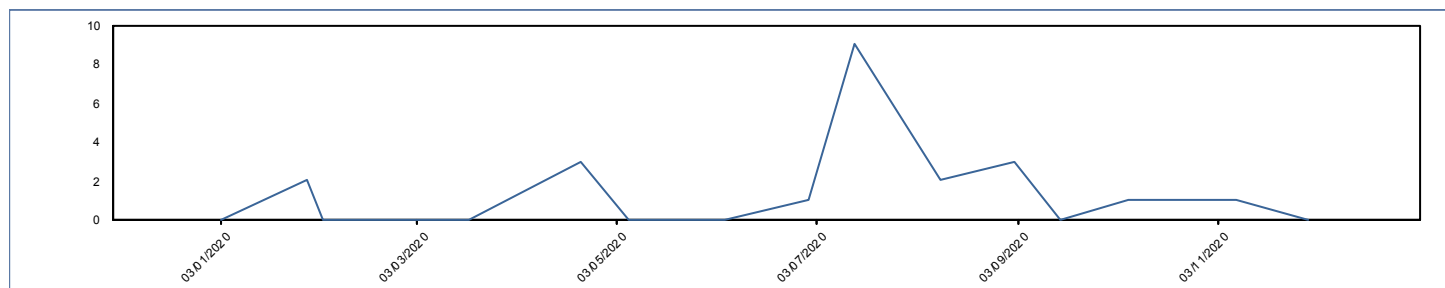
CHIWO113

Number of readings

20

Number of breaches

0



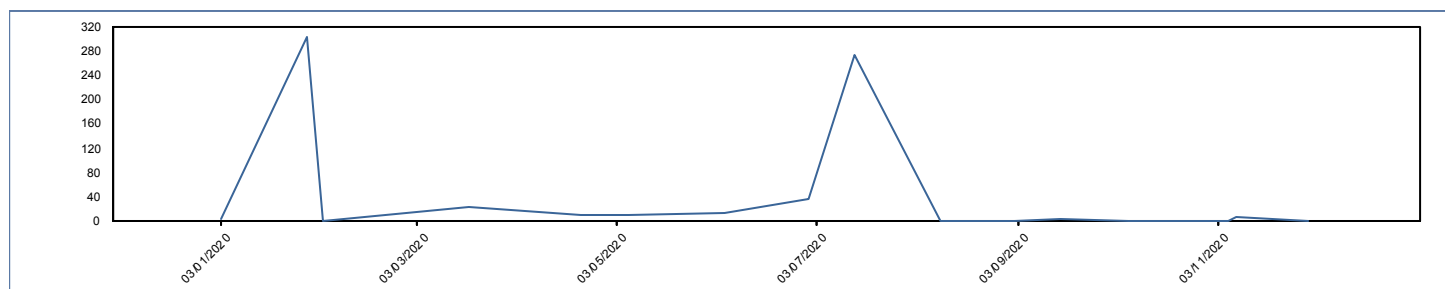
CHIWO115

Number of readings

16

Number of breaches

0



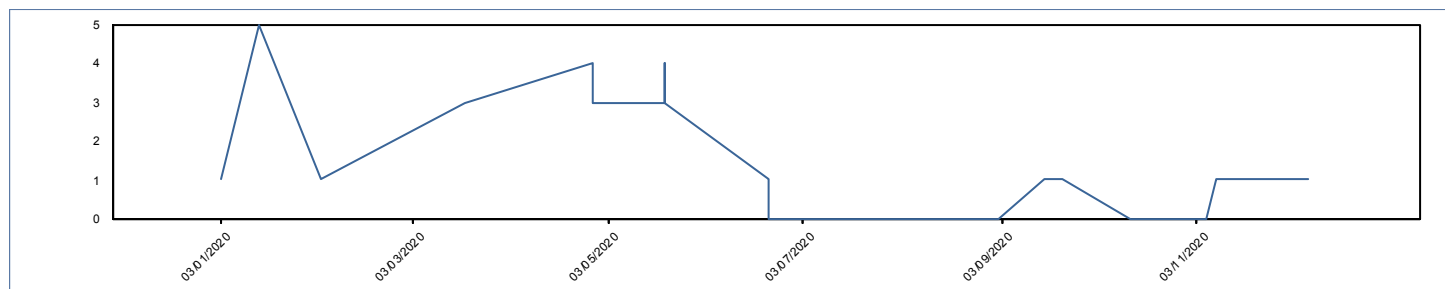
CHIWO116

Number of readings

26

Number of breaches

0



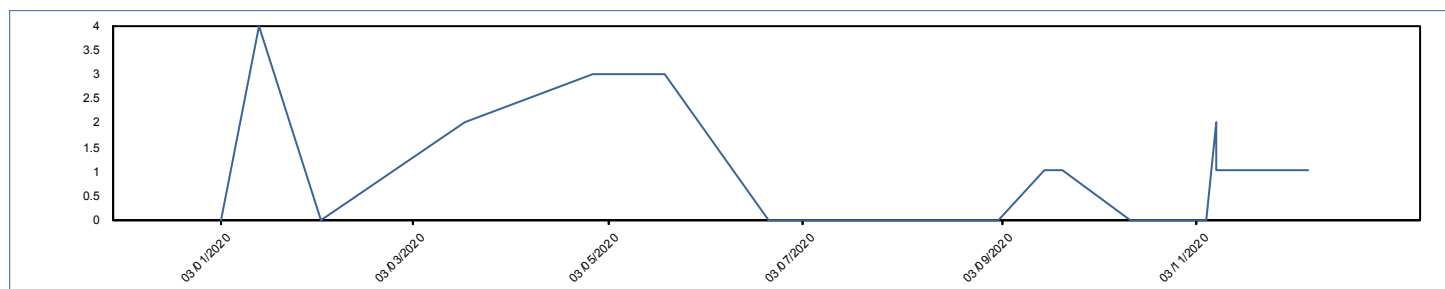
CHIWO117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

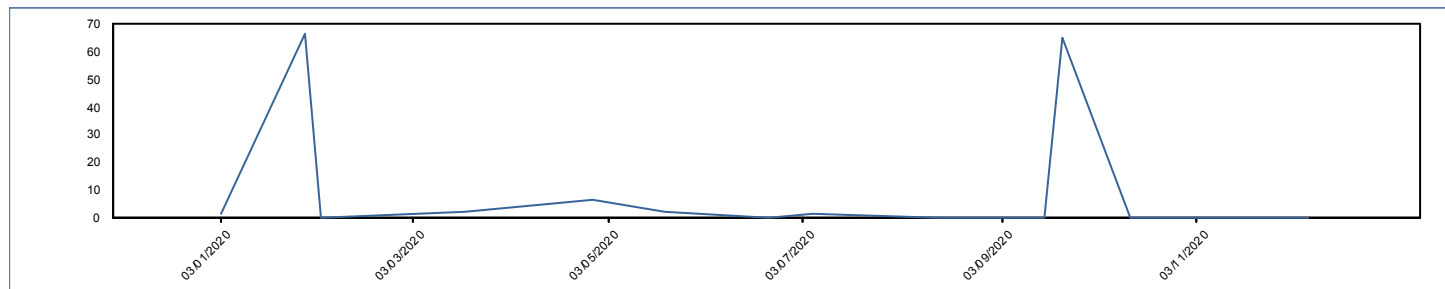
CHI0118

Number of readings

16

Number of breaches

0



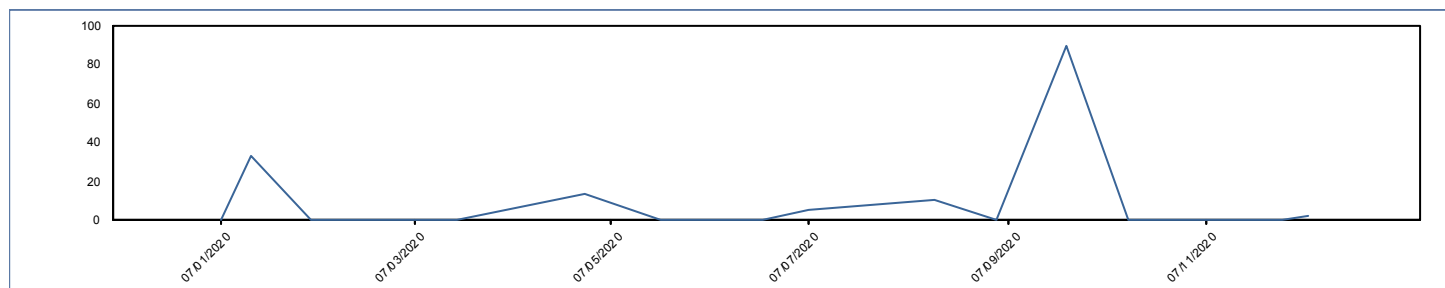
CHI0120

Number of readings

14

Number of breaches

0



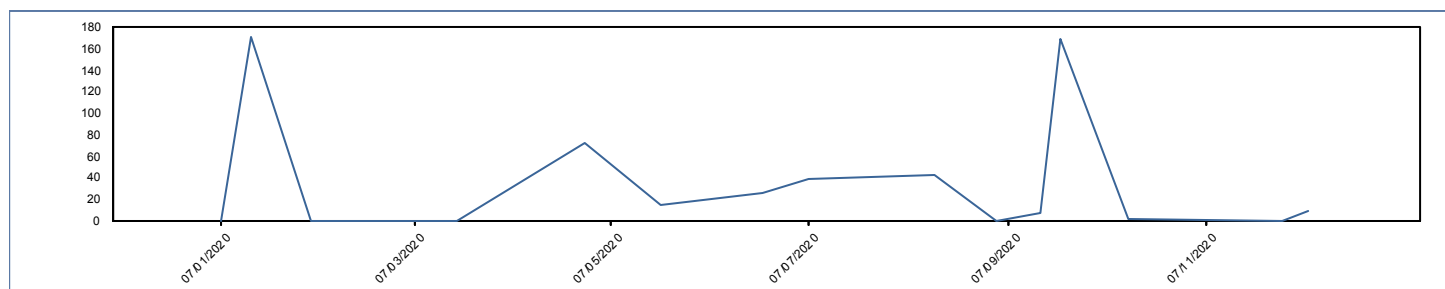
CHI0121

Number of readings

15

Number of breaches

0



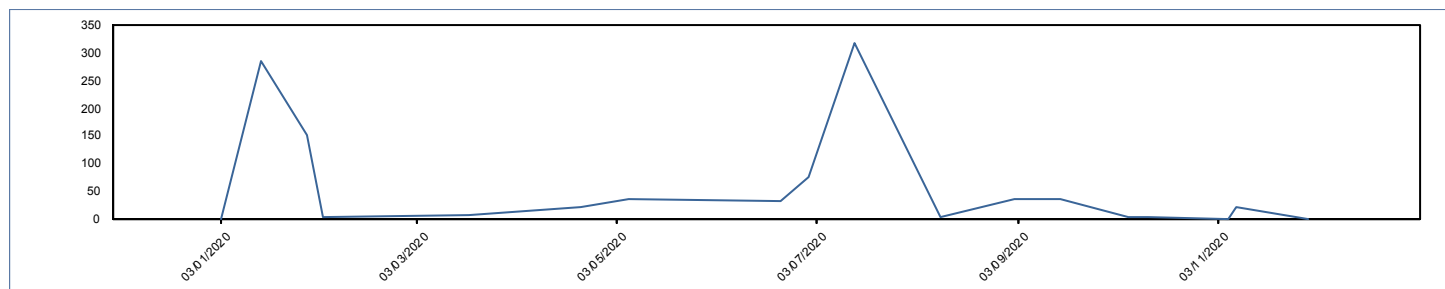
CHI0123

Number of readings

18

Number of breaches

0



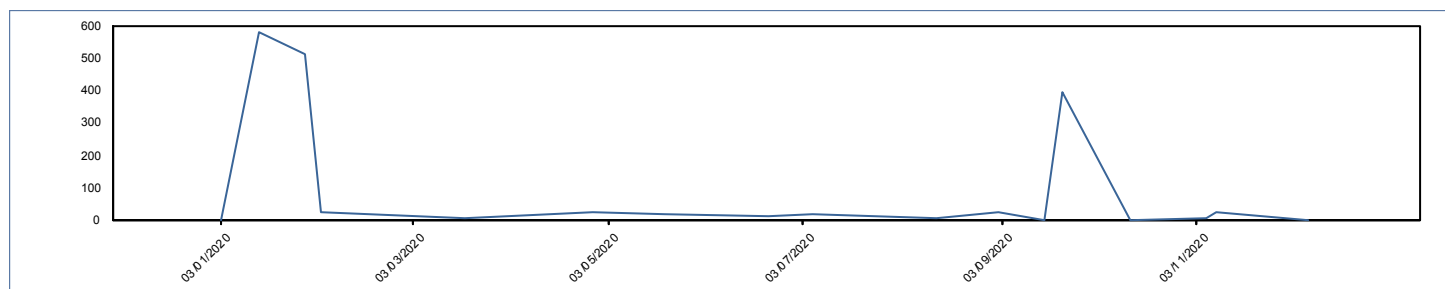
CHI0124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

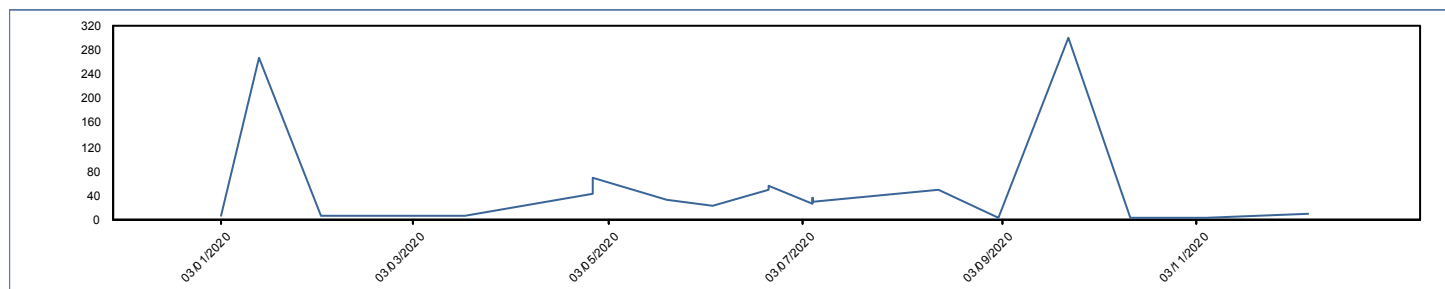
CHI0125

Number of readings

20

Number of breaches

0



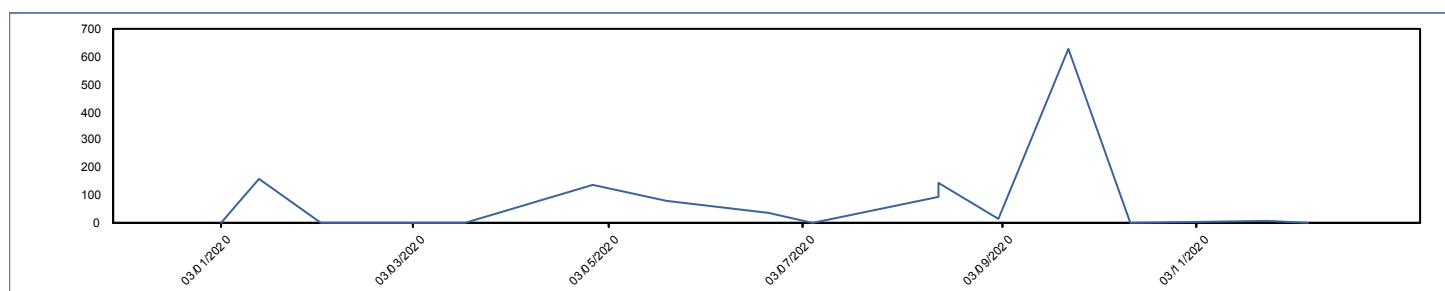
CHI0126

Number of readings

17

Number of breaches

0



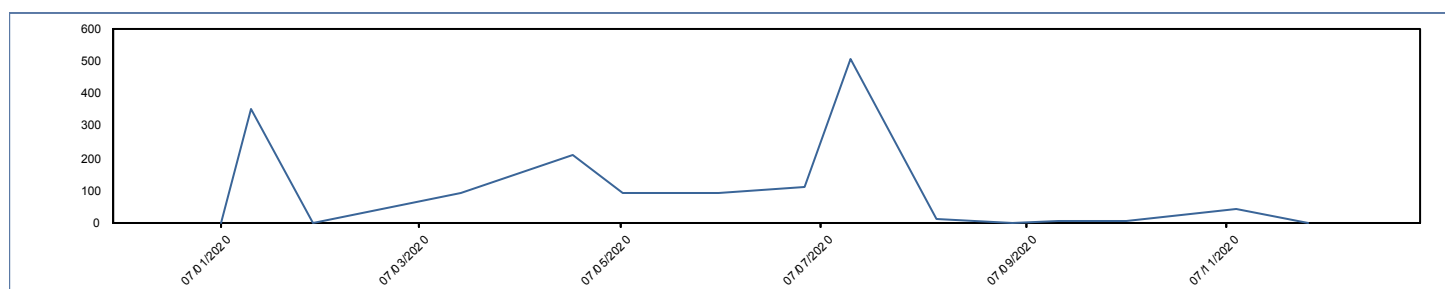
CHI0127

Number of readings

15

Number of breaches

0



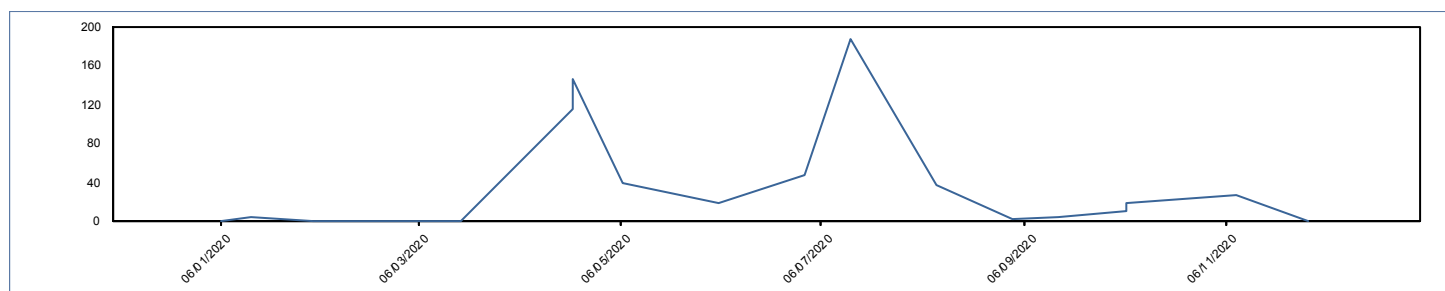
CHI0128

Number of readings

19

Number of breaches

0



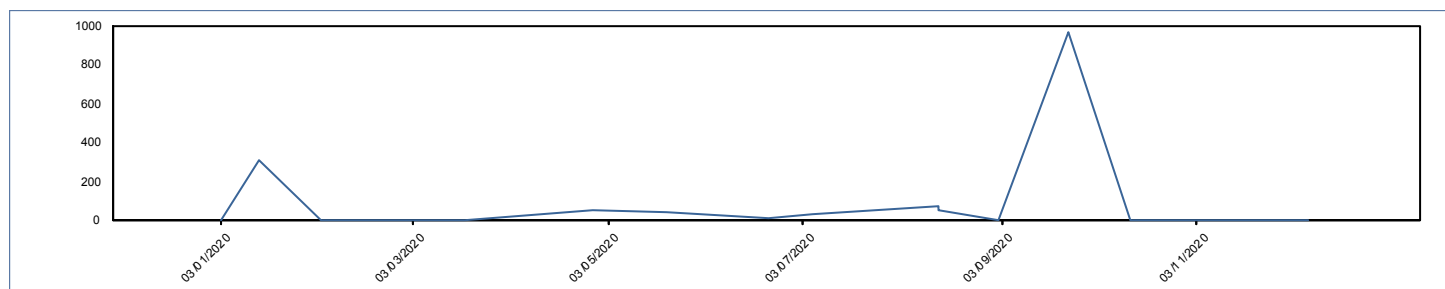
CHI1601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

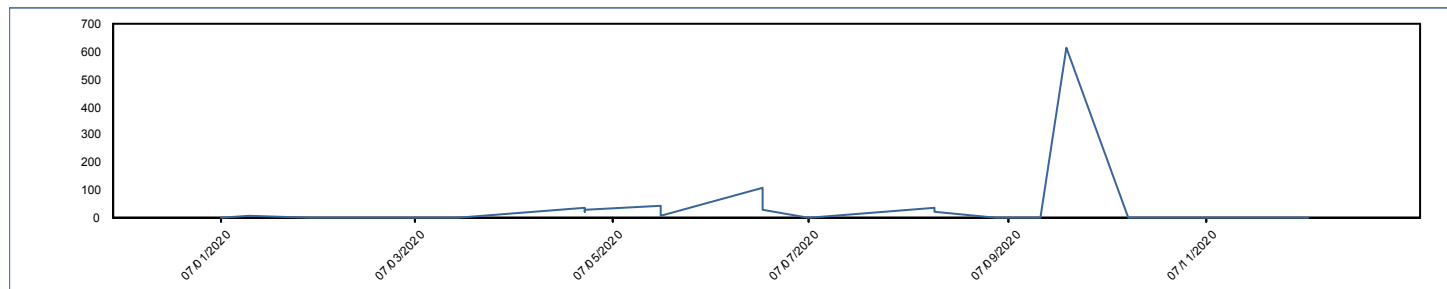
CHIW1602

Number of readings

25

Number of breaches

0



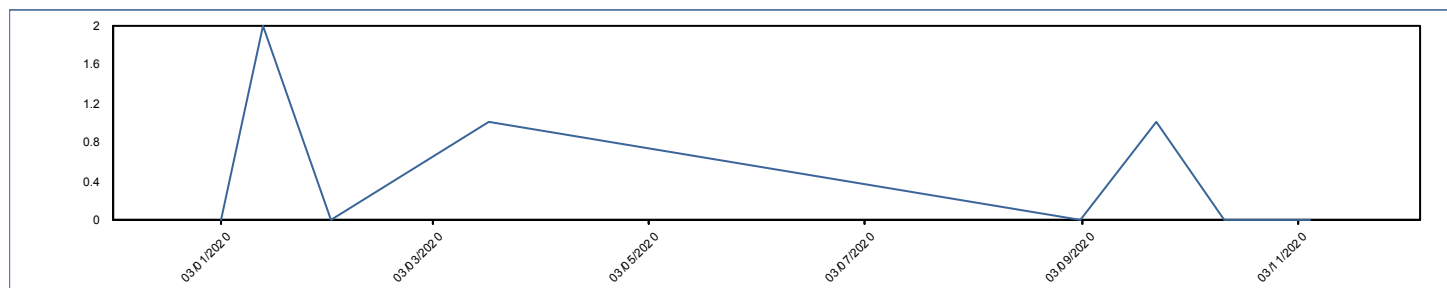
CHIW1603

Number of readings

8

Number of breaches

0



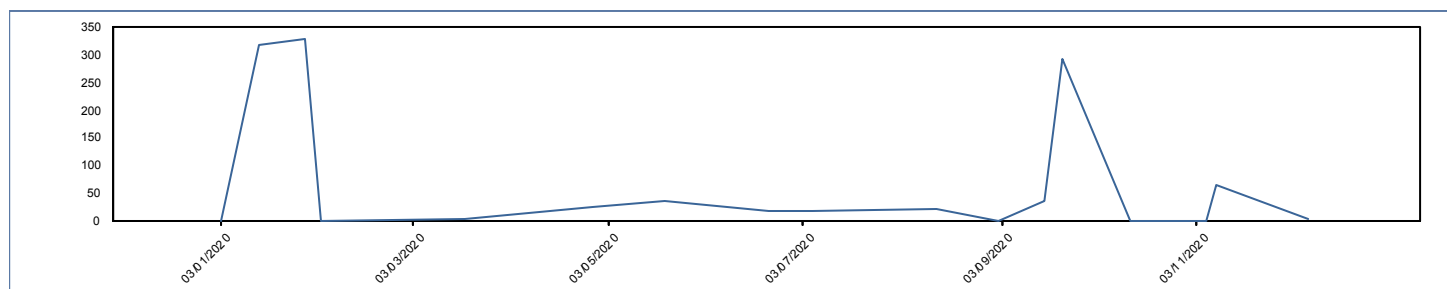
CHIW1604

Number of readings

17

Number of breaches

0



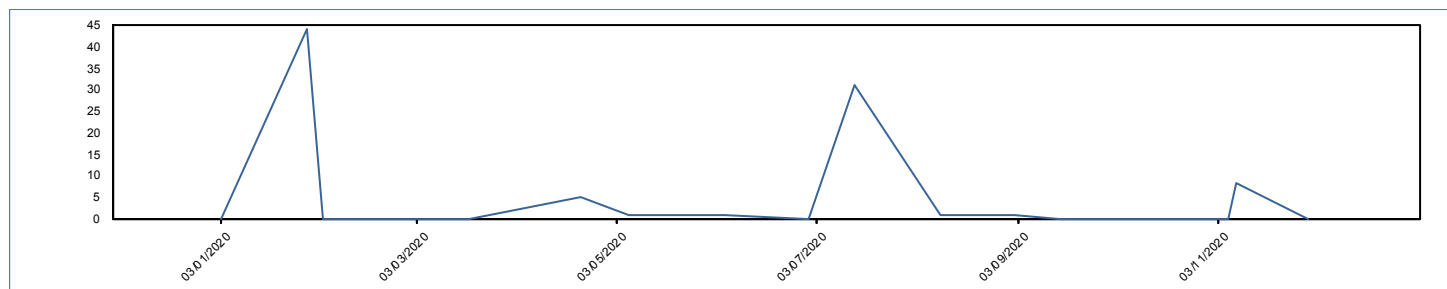
CHIW1605

Number of readings

16

Number of breaches

0



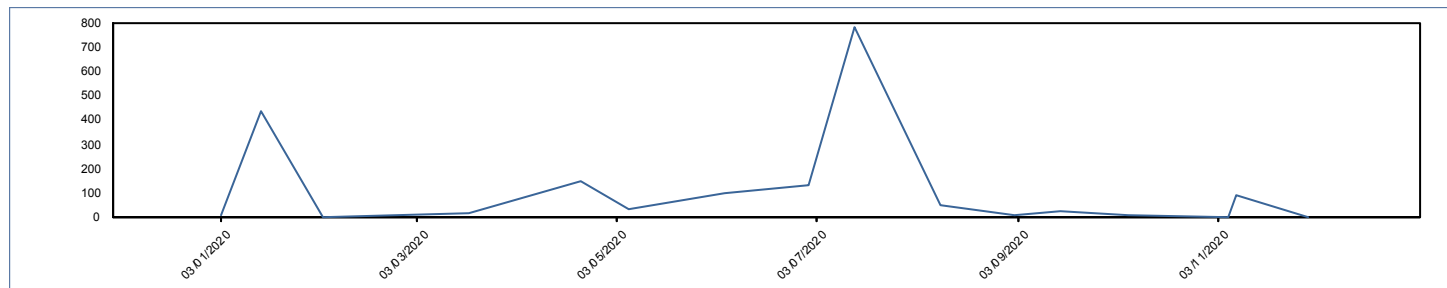
CHIW1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

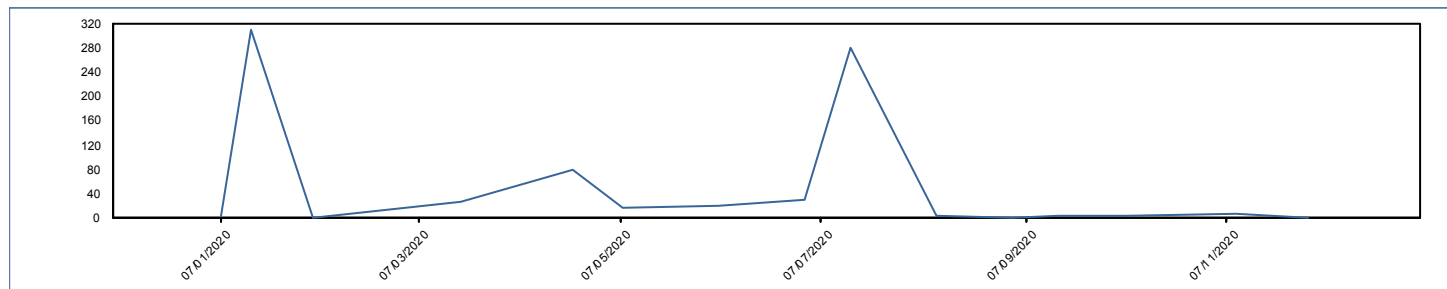
CHIWI608

Number of readings

15

Number of breaches

0



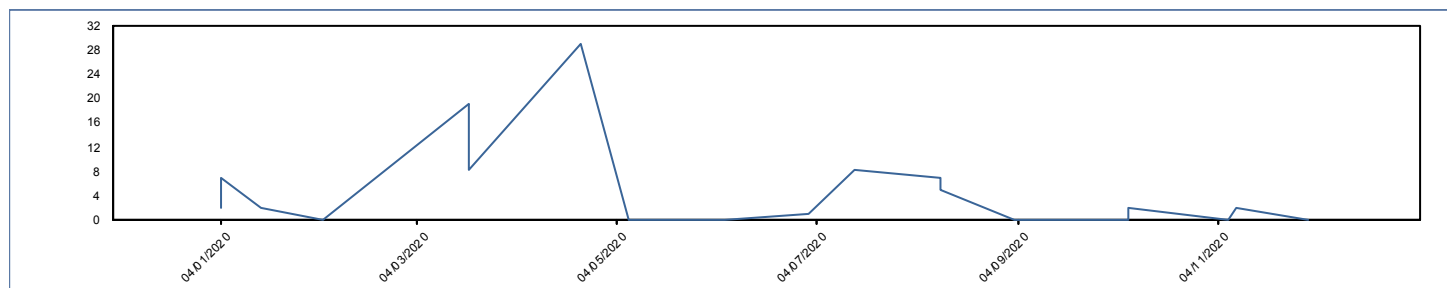
CHIWI609

Number of readings

20

Number of breaches

0



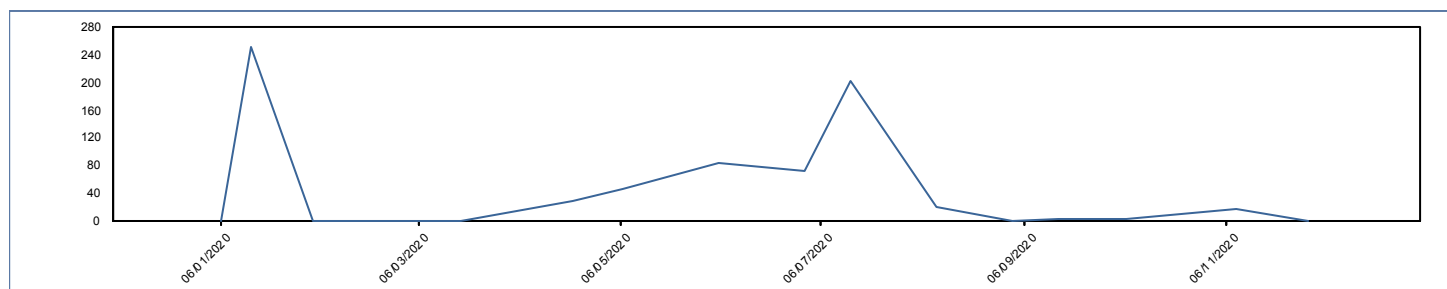
CHIWI610

Number of readings

15

Number of breaches

0



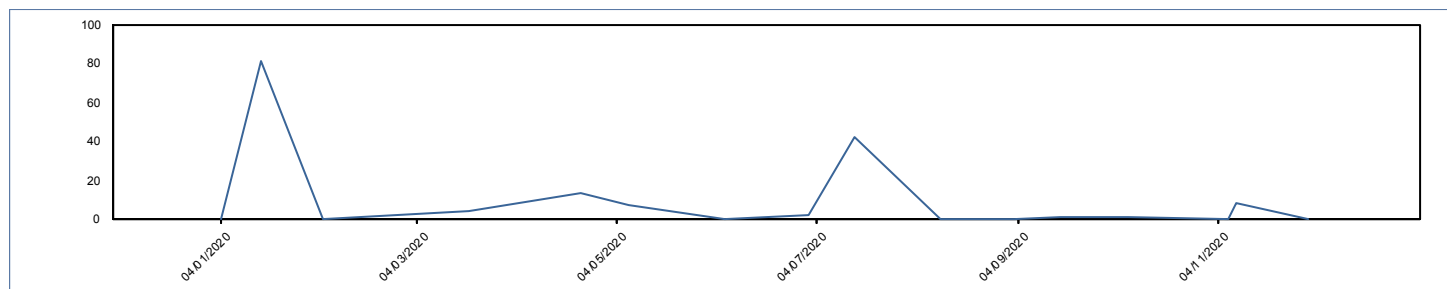
CHIWI611

Number of readings

16

Number of breaches

0



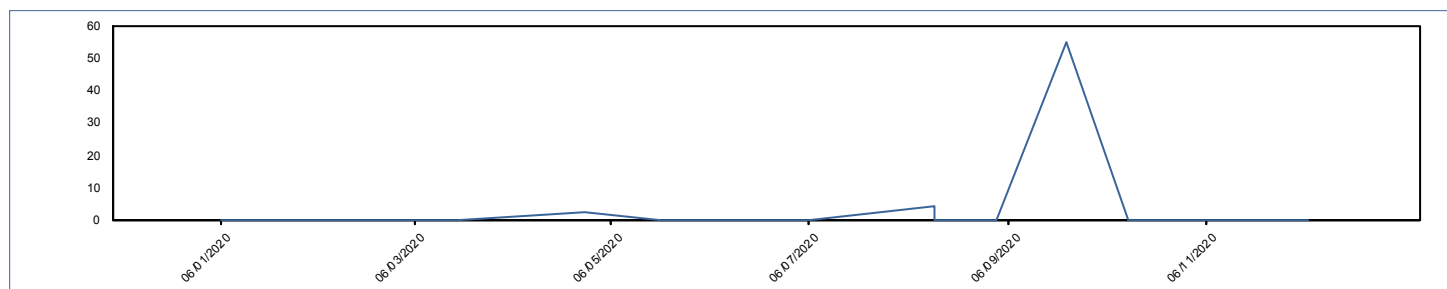
CHIWI612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

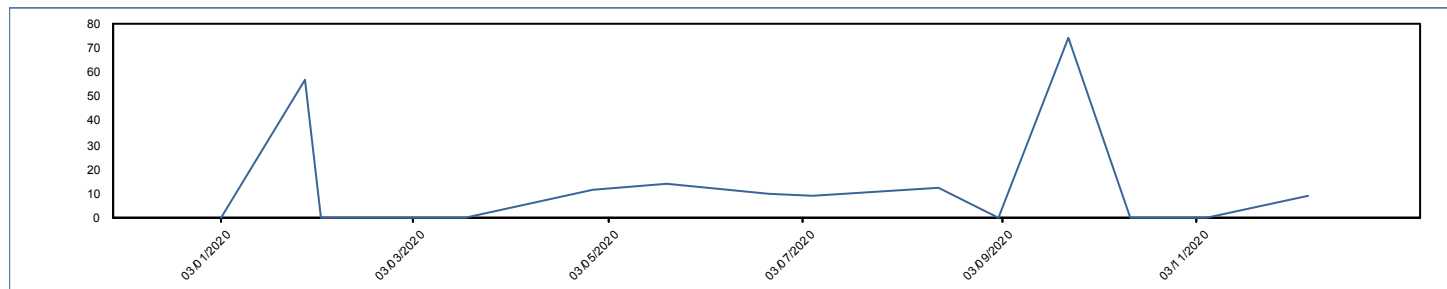
GW44

Number of readings

14

Number of breaches

0



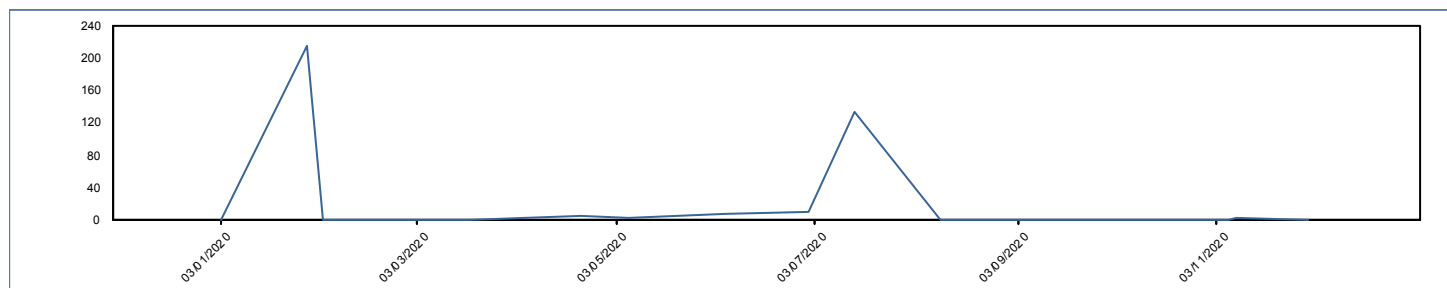
GW48

Number of readings

16

Number of breaches

0



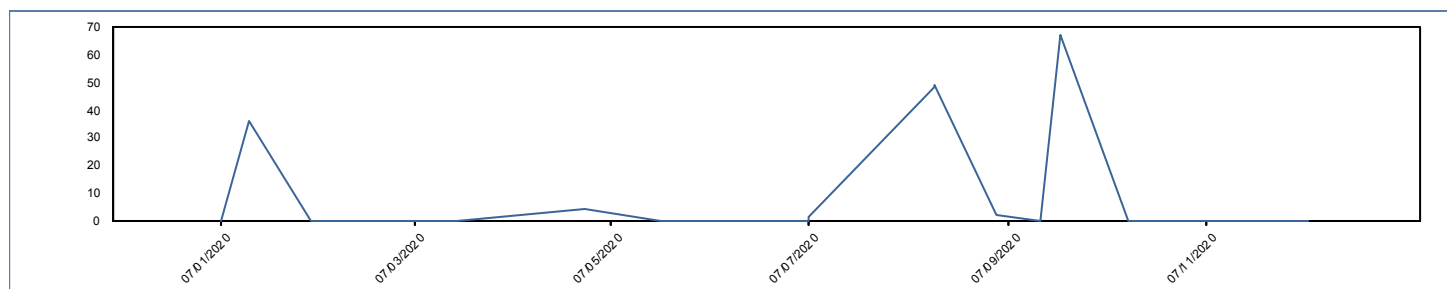
GW56

Number of readings

17

Number of breaches

0



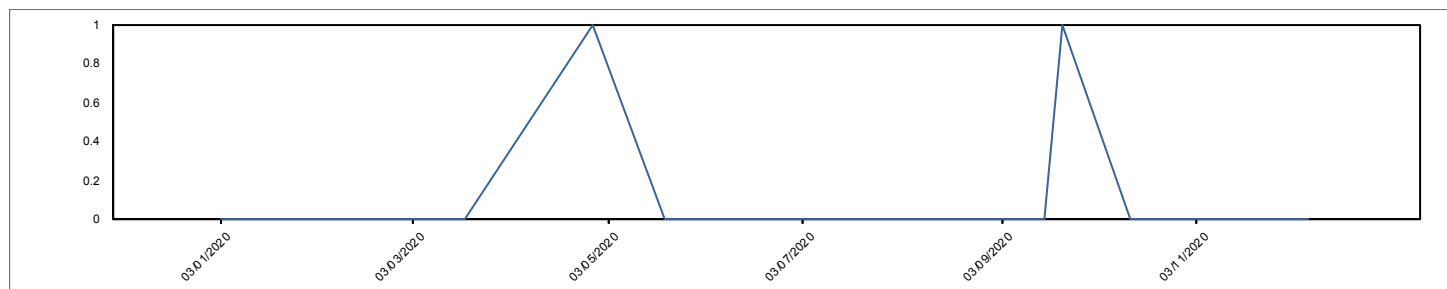
GW57

Number of readings

30

Number of breaches

0



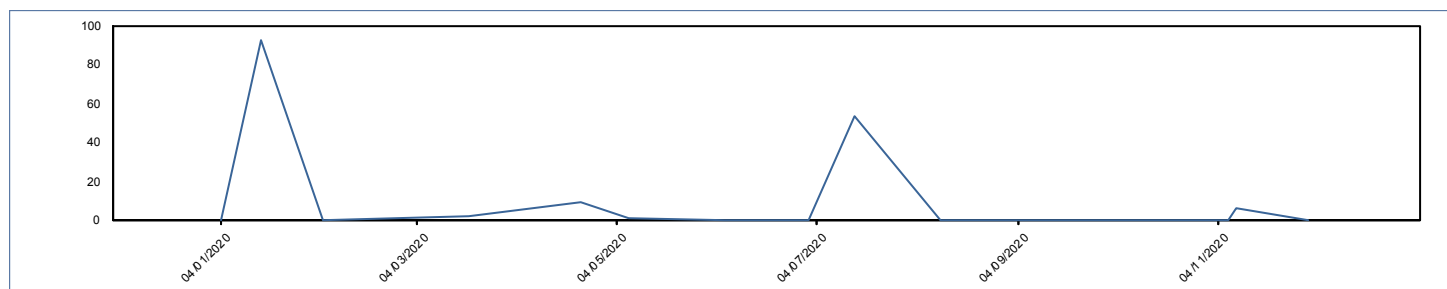
GW88

Number of readings

16

Number of breaches

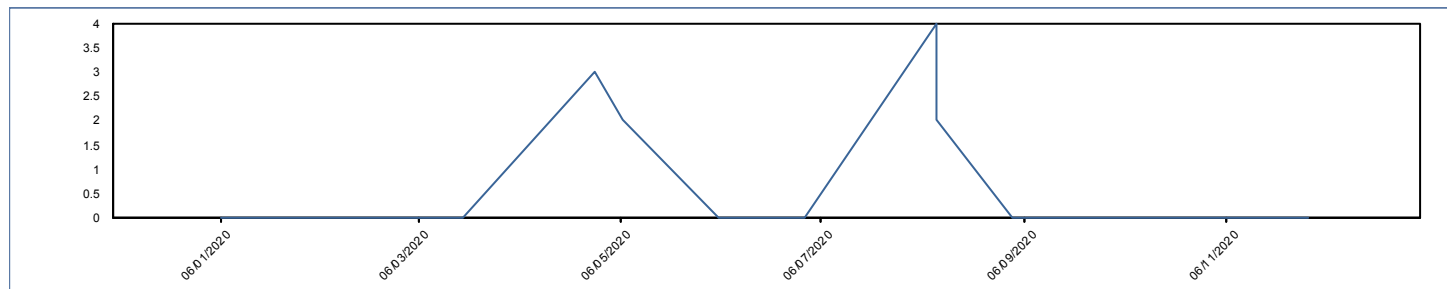
0



Data from: 1 Jan 2020 to: 31 Dec 2020

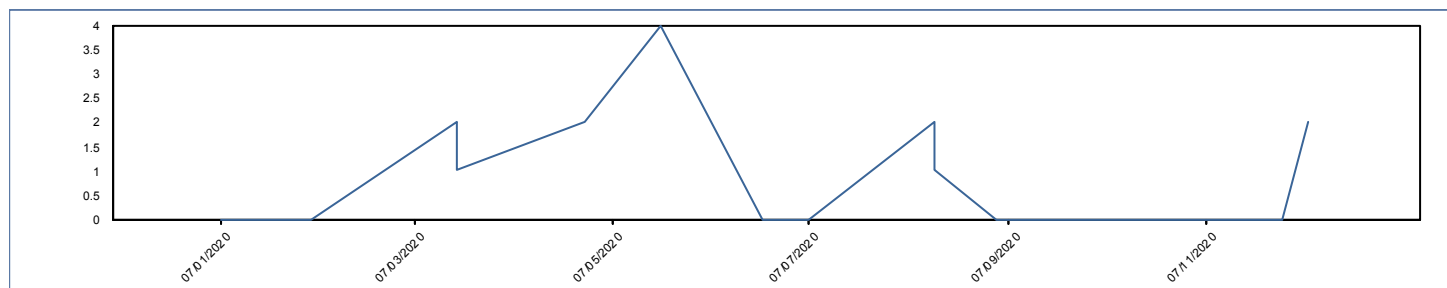
LC005A

Number of readings 29 Number of breaches 0



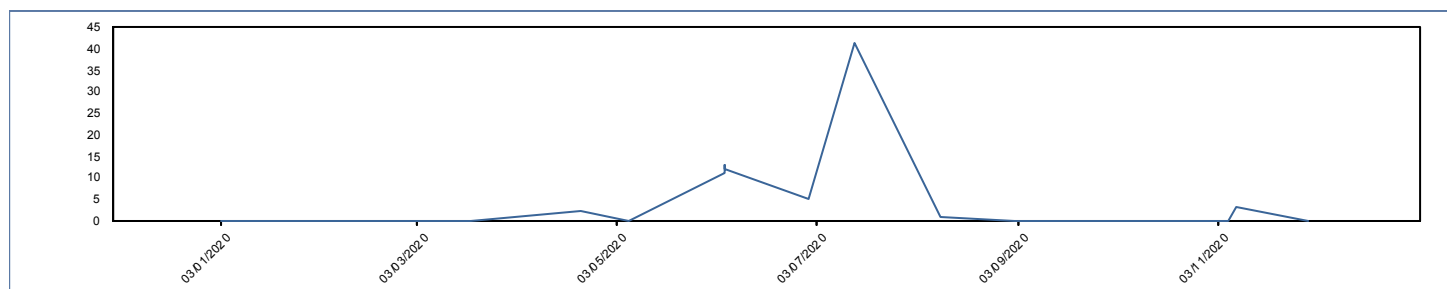
LC01B

Number of readings 24 Number of breaches 0



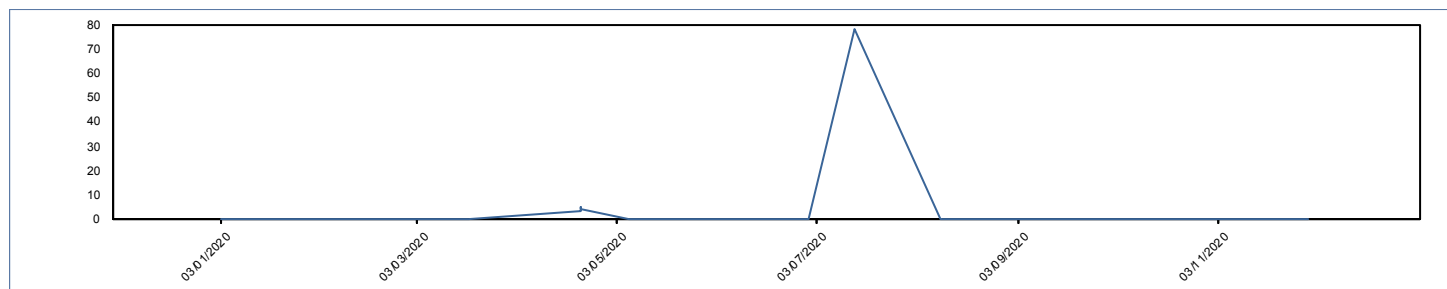
LM04B

Number of readings 28 Number of breaches 0



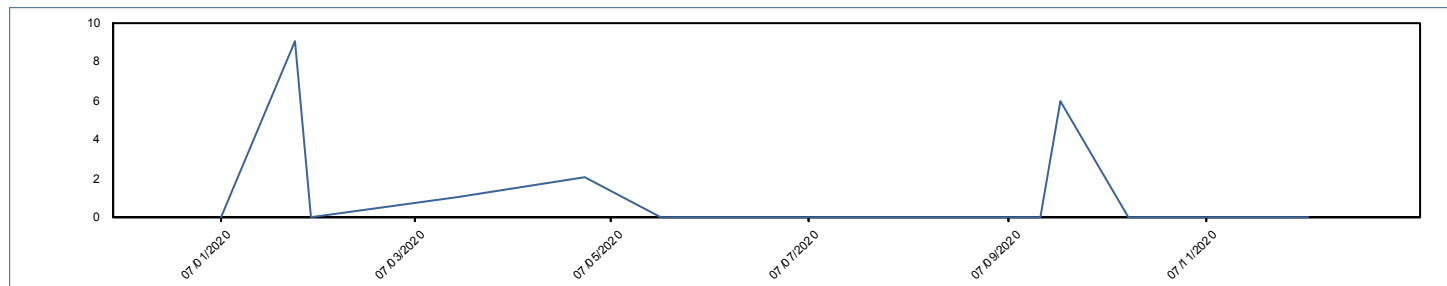
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

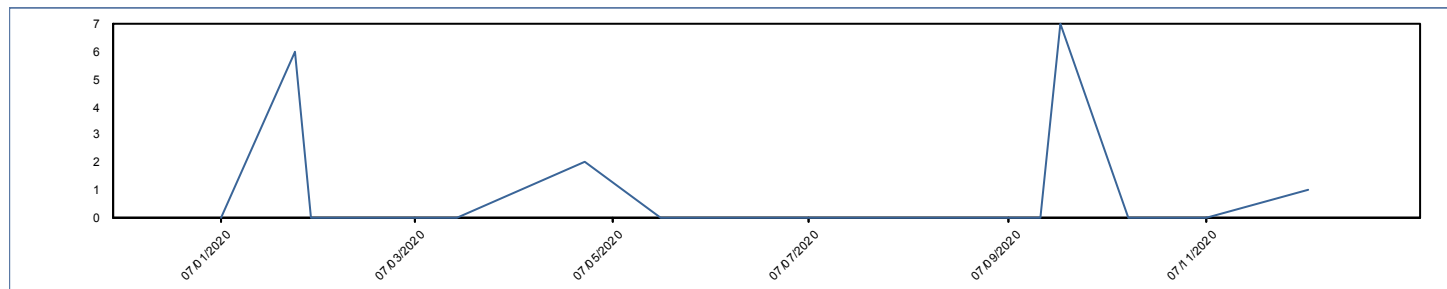
PBLFGXGW03

Number of readings

19

Number of breaches

0



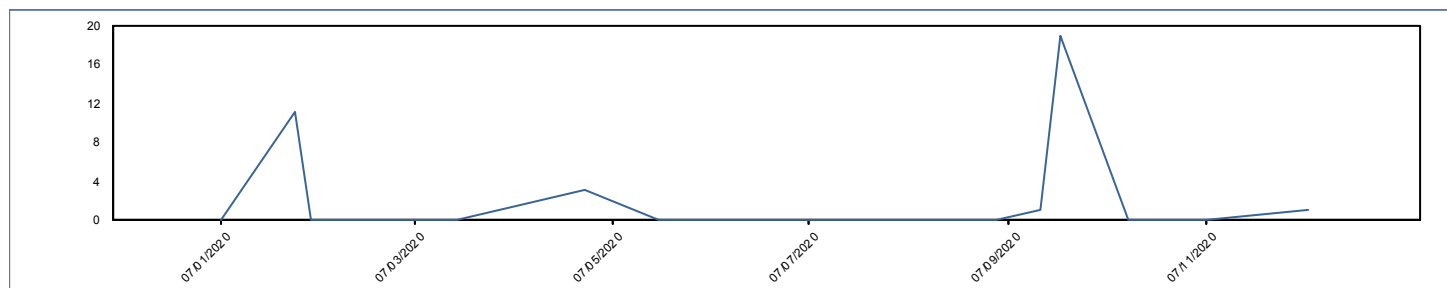
PBLFGXGW07

Number of readings

17

Number of breaches

0



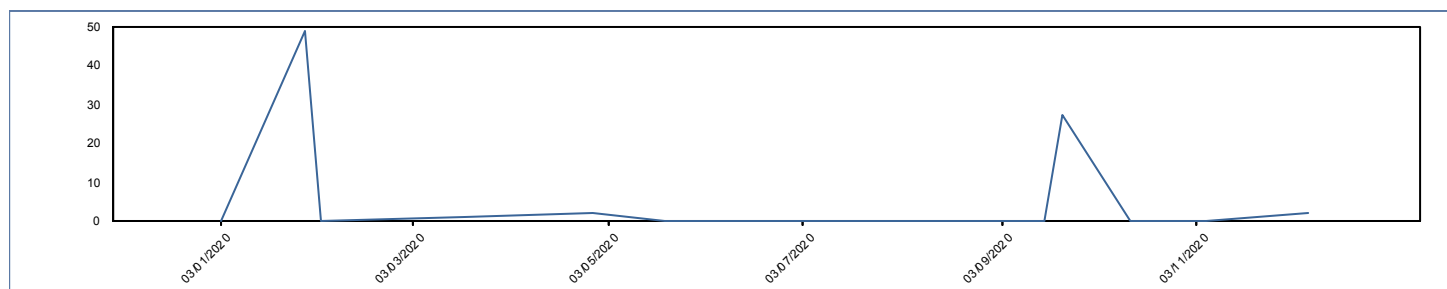
PBLFGXGW18

Number of readings

15

Number of breaches

0



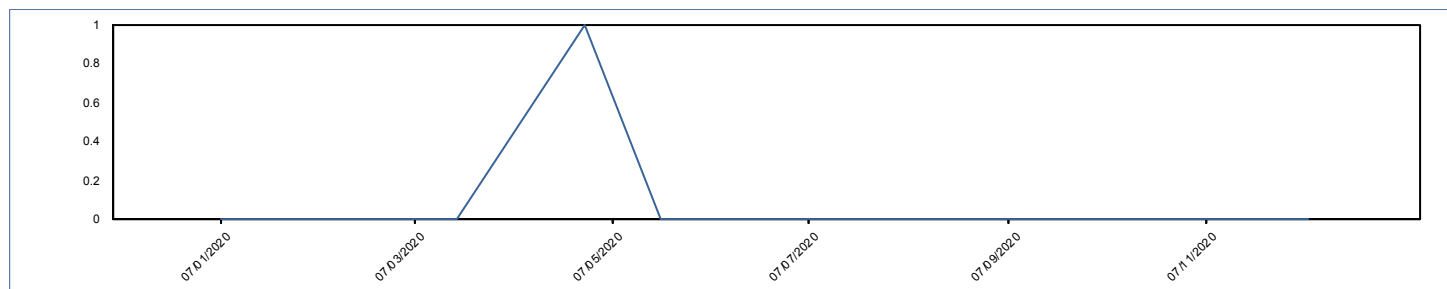
PBLFGXGW28

Number of readings

29

Number of breaches

0



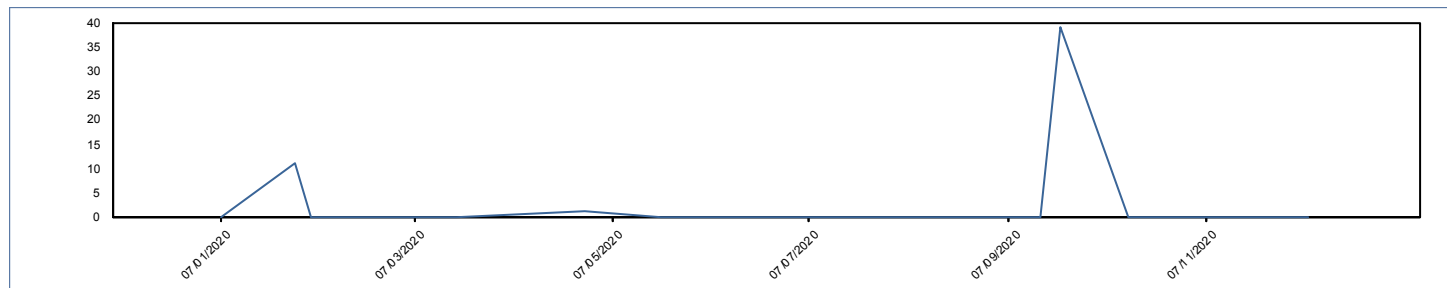
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

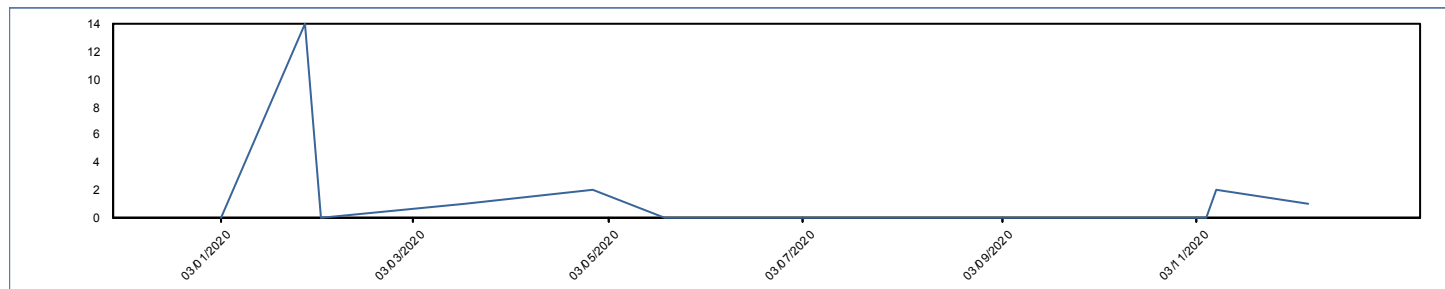
PBLFGXGW30

Number of readings

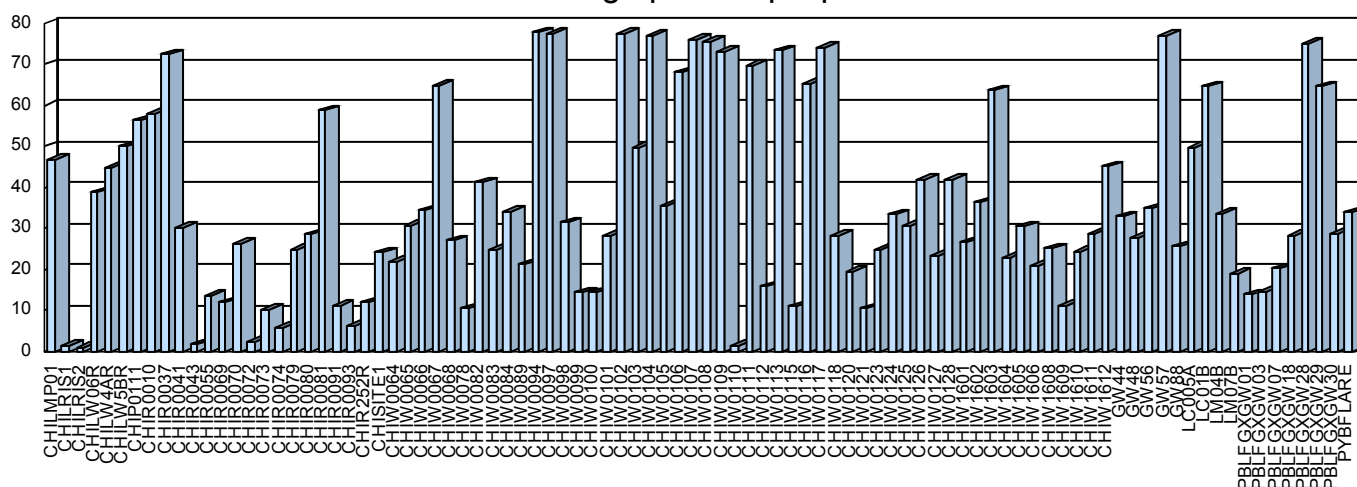
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	12.80	77.40	46.86	656.10	19.11	365.31	77.40
CHILRIS1	1	0	1.40	1.40	1.40	1.40	0.00	0.00	1.40
CHILRIS2	5	0	0.00	5.10	1.16	5.80	1.99	3.95	5.10
CHILW06R	28	0	0.00	77.80	38.74	1,084.60	31.60	998.65	77.65
CHILW4AR	27	0	0.00	77.90	44.98	1,214.50	27.83	774.76	77.75
CHILW5BR	29	0	0.60	78.20	50.09	1,452.60	22.99	528.39	77.85
CHIP0111	30	0	5.80	76.00	56.40	1,692.10	20.60	424.27	75.80
CHIR0010	30	0	9.90	78.80	58.11	1,743.40	19.34	373.86	78.75
CHIR0037	31	0	57.60	78.20	72.45	2,245.80	6.13	37.53	78.10
CHIR0041	16	0	21.60	35.70	30.36	485.70	3.45	11.92	35.70
CHIR0043	15	0	0.00	15.60	1.74	26.10	3.95	15.63	15.60
CHIR0055	15	0	3.60	23.50	13.75	206.30	5.80	33.61	23.50
CHIR0069	15	0	5.20	20.60	12.10	181.50	4.39	19.30	20.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	22.30	32.90	26.33	394.90	3.25	10.54	32.90
CHIR0072	16	0	0.00	11.10	2.38	38.10	3.21	10.28	11.10
CHIR0073	18	0	0.00	46.90	10.33	185.90	15.17	230.23	46.90
CHIR0074	15	0	0.00	15.20	5.89	88.40	3.86	14.87	15.20
CHIR0079	15	0	11.50	30.70	24.94	374.10	5.40	29.16	30.70
CHIR0080	23	0	0.00	77.60	28.68	659.70	29.10	846.79	74.40
CHIR0081	35	0	13.20	80.70	58.87	2,060.30	21.61	466.88	80.30
CHIR0091	17	0	0.00	49.80	11.18	190.00	10.95	119.94	49.80
CHIR0093	17	0	0.00	20.80	6.52	110.90	7.67	58.79	20.80
CHIR252R	14	0	0.00	29.90	12.01	168.10	10.48	109.83	29.90
CHISITE1	57	0	14.40	35.50	24.10	1,373.70	4.58	20.94	33.05
CHIW0064	15	0	7.50	40.60	21.94	329.10	9.37	87.89	40.60
CHIW0065	14	0	17.60	39.90	30.90	432.60	4.59	21.04	39.90
CHIW0066	16	0	27.60	43.10	34.52	552.30	3.43	11.79	43.10
CHIW0067	37	0	46.80	79.20	64.78	2,396.90	7.44	55.41	77.10
CHIW0068	16	0	20.80	39.60	27.04	432.60	5.32	28.29	39.60
CHIW0078	20	0	0.00	41.30	10.49	209.80	13.89	193.01	38.70
CHIW0082	19	0	28.00	48.20	41.23	783.40	5.80	33.67	48.20
CHIW0083	16	0	6.50	40.30	24.88	398.10	8.68	75.36	40.30
CHIW0084	14	0	16.40	55.50	34.11	477.60	11.51	132.40	55.50
CHIW0089	16	0	16.20	31.50	21.21	339.30	3.56	12.65	31.50
CHIW0094	34	0	73.00	79.40	77.75	2,643.40	1.15	1.31	79.35
CHIW0097	34	0	57.40	79.70	77.52	2,635.70	3.65	13.34	79.70
CHIW0098	16	0	0.30	61.00	31.59	505.50	15.43	238.21	61.00
CHIW0099	16	0	0.50	32.20	14.42	230.70	8.02	64.24	32.20
CHIW0100	22	0	0.00	43.20	14.39	316.60	13.88	192.61	42.35
CHIW0101	16	0	16.60	47.00	28.39	454.20	8.96	80.24	47.00
CHIW0102	39	0	75.20	79.40	77.74	3,031.90	1.01	1.01	79.10
CHIW0103	24	0	19.20	77.50	49.78	1,194.70	17.64	311.21	77.45

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	74.30	78.80	77.09	2,312.70	0.98	0.97	78.50
CHIW0105	24	0	0.00	63.60	35.52	852.50	23.43	548.85	61.35
CHIW0106	26	0	45.70	79.70	68.04	1,769.00	12.26	150.23	79.35
CHIW0107	25	0	58.10	77.80	76.02	1,900.40	3.76	14.12	77.75
CHIW0108	25	0	54.80	81.70	75.64	1,891.00	5.51	30.31	80.10
CHIW0109	25	0	43.80	79.20	73.19	1,829.70	8.86	78.56	79.15
CHIW0110	15	0	0.00	7.20	1.45	21.70	2.22	4.92	7.20
CHIW0111	28	0	40.40	76.30	69.80	1,954.30	8.03	64.53	76.15
CHIW0112	15	0	0.90	30.90	15.85	237.80	6.73	45.25	30.90
CHIW0113	20	0	70.70	76.80	73.53	1,470.60	2.11	4.45	76.80
CHIW0115	16	0	0.00	20.50	11.09	177.40	6.37	40.63	20.50
CHIW0116	26	0	60.10	72.90	65.27	1,697.00	2.97	8.83	71.00
CHIW0117	32	0	72.60	76.30	74.31	2,377.90	1.02	1.05	76.30
CHIW0118	16	0	17.80	34.80	28.42	454.70	4.66	21.72	34.80
CHIW0120	14	0	0.00	39.50	19.59	274.20	12.01	144.27	39.50
CHIW0121	15	0	0.00	26.50	10.45	156.70	8.68	75.36	26.50
CHIW0123	18	0	0.00	45.30	25.07	451.20	12.19	148.48	45.30
CHIW0124	17	0	16.70	47.40	33.55	570.40	8.84	78.21	47.40
CHIW0125	20	0	0.00	64.00	30.72	614.40	21.23	450.75	59.10
CHIW0126	17	0	0.00	80.30	42.06	715.00	30.33	919.96	80.30
CHIW0127	15	0	6.60	39.70	23.49	352.40	11.10	123.29	39.70
CHIW0128	19	0	6.50	70.70	41.92	796.40	19.40	376.41	70.70
CHIW1601	15	0	4.20	49.10	26.70	400.50	12.60	158.65	49.10
CHIW1602	25	0	0.00	68.60	36.37	909.30	25.29	639.36	68.55
CHIW1603	8	0	2.10	78.30	63.61	508.90	26.04	678.17	78.30
CHIW1604	17	0	5.80	37.90	22.95	390.20	10.27	105.46	37.90
CHIW1605	16	0	24.70	43.20	30.48	487.60	4.80	23.07	43.20
CHIW1606	16	0	0.00	37.80	21.06	337.00	11.70	136.95	37.80
CHIW1608	15	0	18.20	34.60	25.23	378.40	4.81	23.10	34.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	0.00	36.20	11.31	226.20	12.51	156.62	34.25
CHIW1610	15	0	5.70	44.00	24.51	367.70	10.43	108.76	44.00
CHIW1611	16	0	23.10	38.80	28.87	461.90	3.91	15.27	38.80
CHIW1612	24	0	0.00	72.10	45.13	1,083.10	21.33	454.95	71.80
GW44	14	0	22.40	38.70	33.08	463.10	3.70	13.69	38.70
GW48	16	0	3.00	45.40	27.72	443.50	12.12	146.93	45.40
GW56	17	0	0.00	52.40	35.00	595.00	16.14	260.54	52.40
GW57	30	0	75.90	79.10	77.15	2,314.50	0.65	0.42	78.55
GW88	16	0	15.40	31.60	25.66	410.60	4.81	23.13	31.60
LC005A	29	0	0.00	78.30	49.86	1,446.00	25.82	666.69	77.60
LC01B	24	0	2.00	78.70	64.69	1,552.50	20.93	437.87	77.90
LM04B	28	0	0.00	77.40	33.80	946.30	33.84	1,145.40	77.35
LM07B	25	0	0.00	77.30	19.15	478.70	22.45	504.08	76.95
PBLFGXGW01	15	0	1.50	24.90	13.99	209.90	5.90	34.80	24.90
PBLFGXGW03	19	0	0.00	42.40	14.68	278.90	13.47	181.42	42.40
PBLFGXGW07	17	0	0.00	70.50	20.29	344.90	18.75	351.51	70.50
PBLFGXGW18	15	0	14.20	43.90	28.44	426.60	9.39	88.11	43.90
PBLFGXGW28	29	0	59.50	78.80	75.27	2,182.70	4.80	23.07	78.50
PBLFGXGW29	28	0	5.70	77.90	64.76	1,813.20	20.31	412.38	77.85
PBLFGXGW30	16	0	20.00	38.70	28.86	461.70	5.40	29.17	38.70
PYBFLARE	19	0	17.10	78.10	33.89	643.90	21.31	454.29	78.10
Total	1,884	0	0.00	81.70	41.11	77,444.60	27.48	755.27	78.00

Data from: 1 Jan 2020 to: 31 Dec 2020

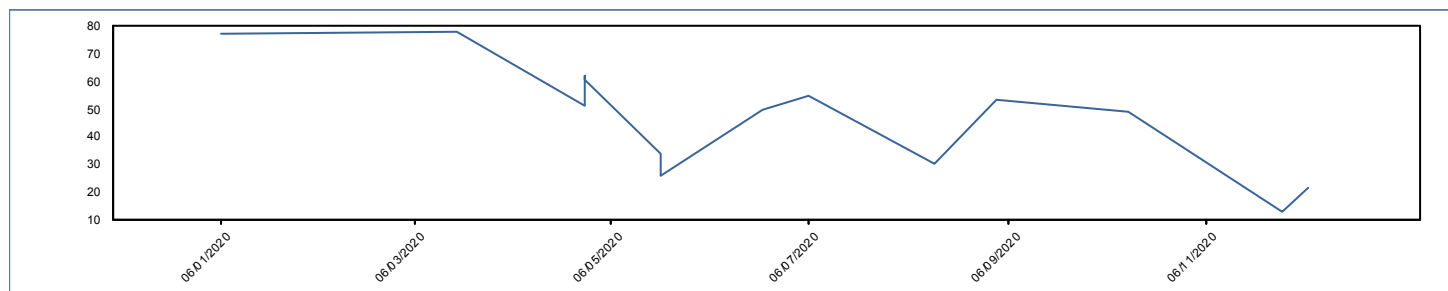
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



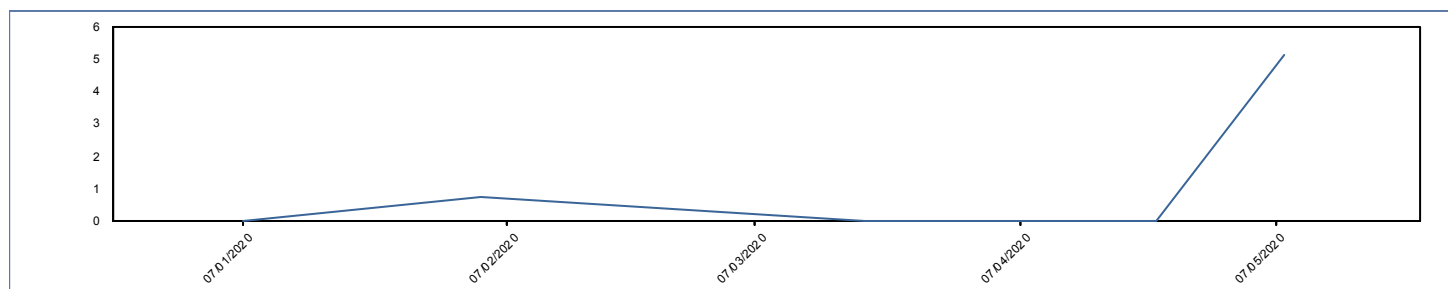
CHILRIS2

Number of readings

5

Number of breaches

0



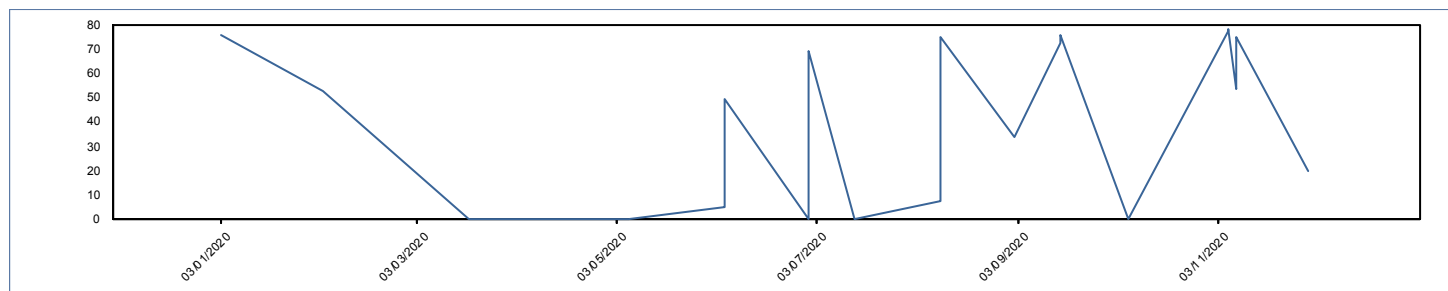
CHILW06R

Number of readings

28

Number of breaches

0



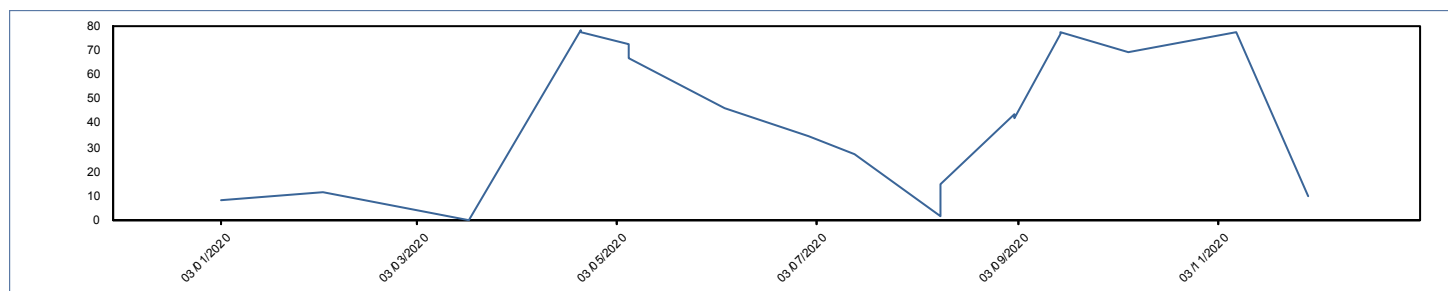
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

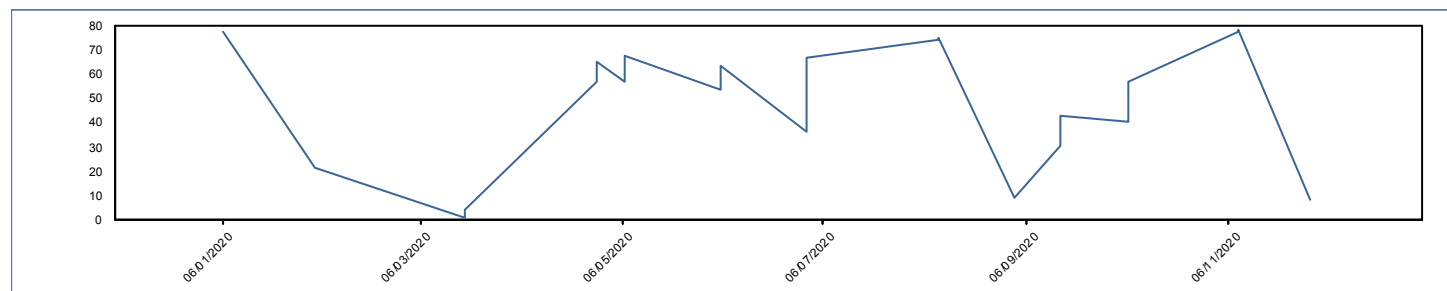
CHILW5BR

Number of readings

29

Number of breaches

0



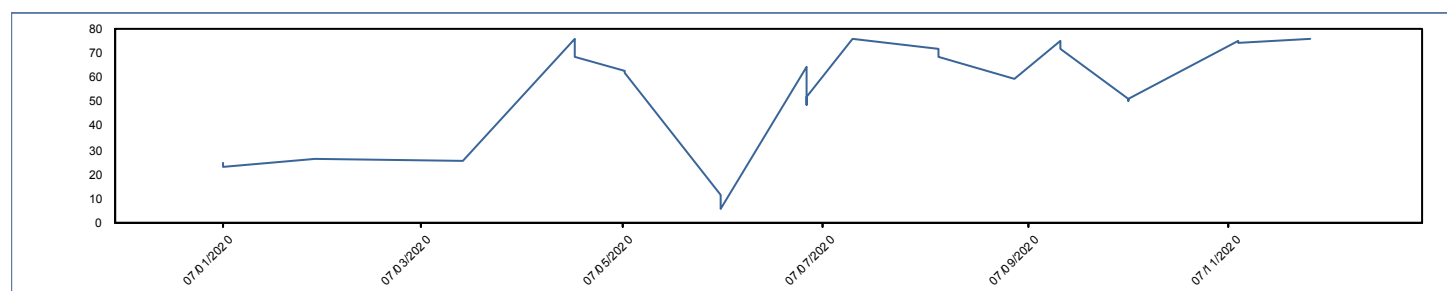
CHIP0111

Number of readings

30

Number of breaches

0



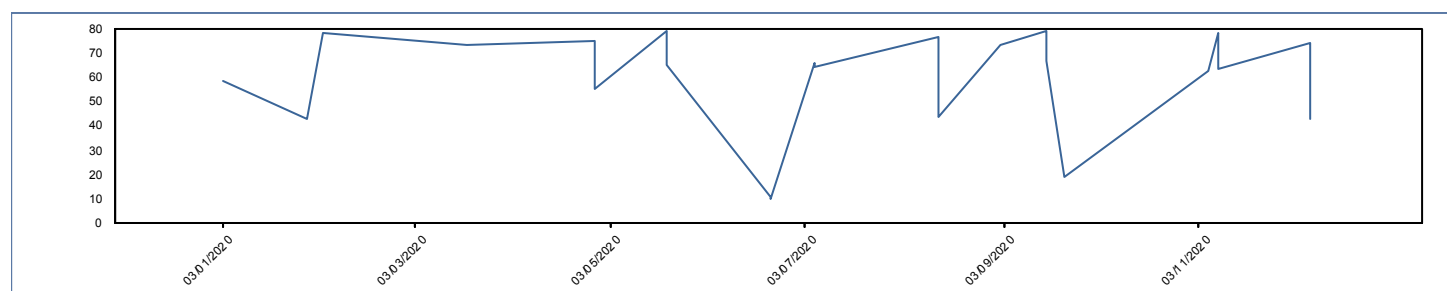
CHIR0010

Number of readings

30

Number of breaches

0



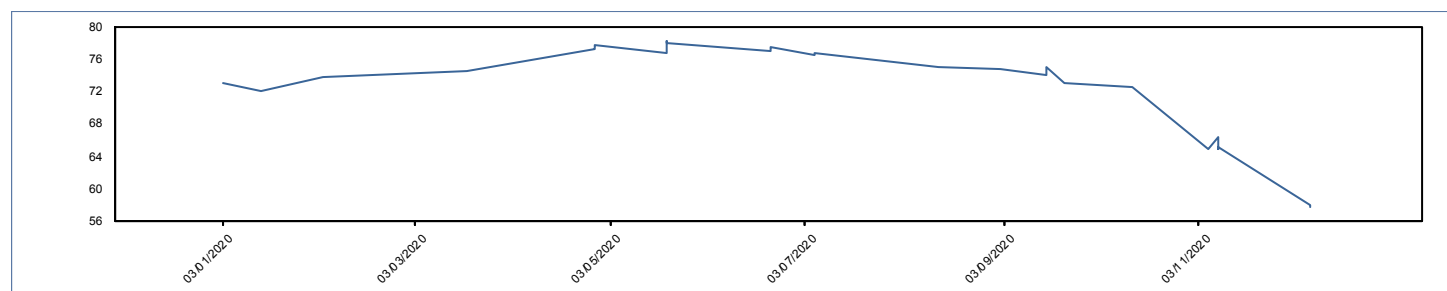
CHIR0037

Number of readings

31

Number of breaches

0



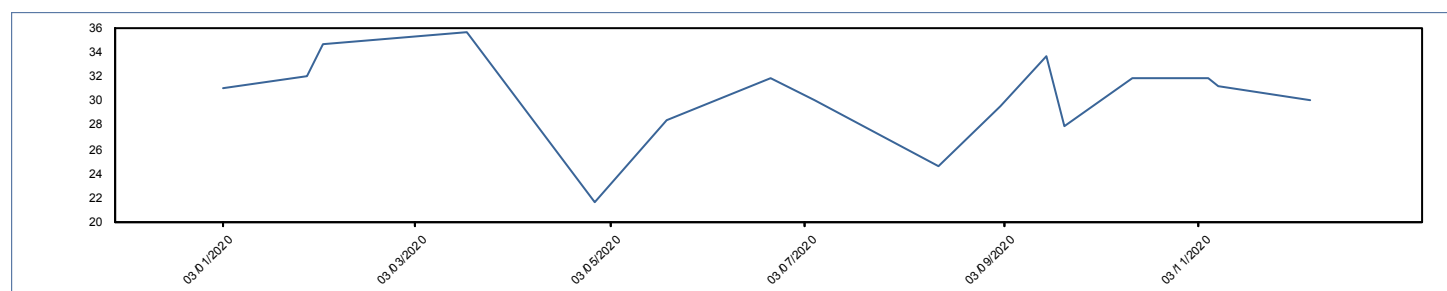
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

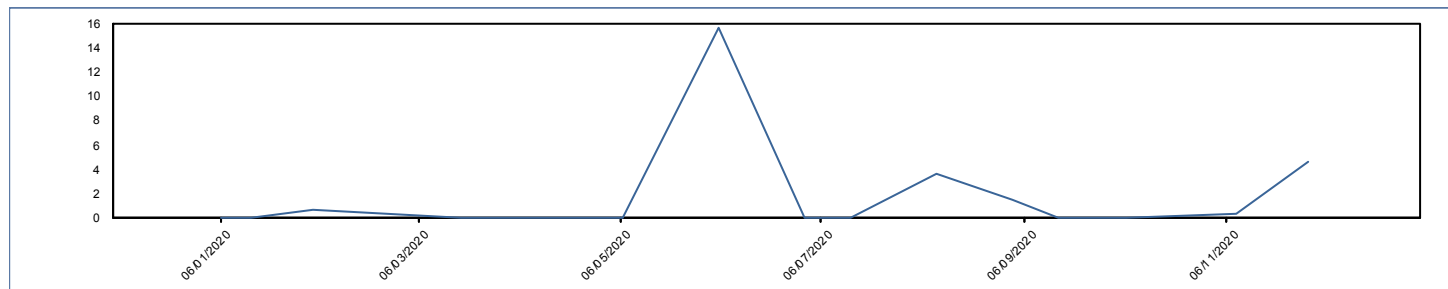
CHIR0043

Number of readings

15

Number of breaches

0



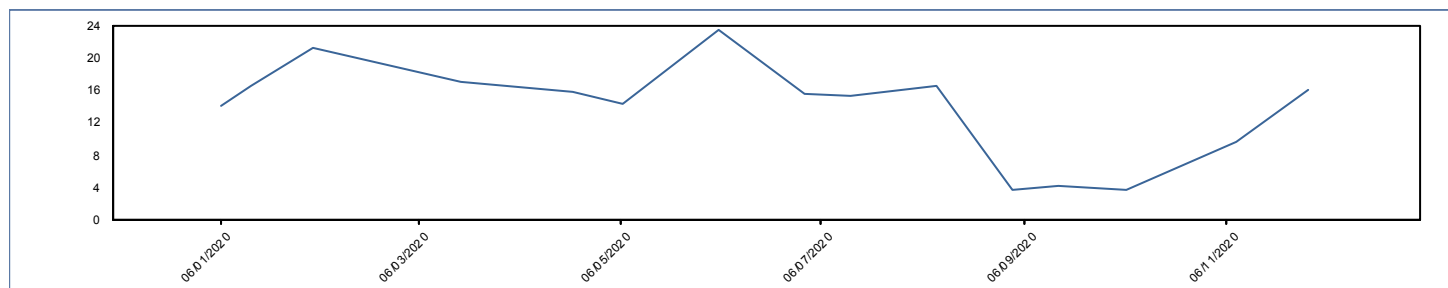
CHIR0055

Number of readings

15

Number of breaches

0



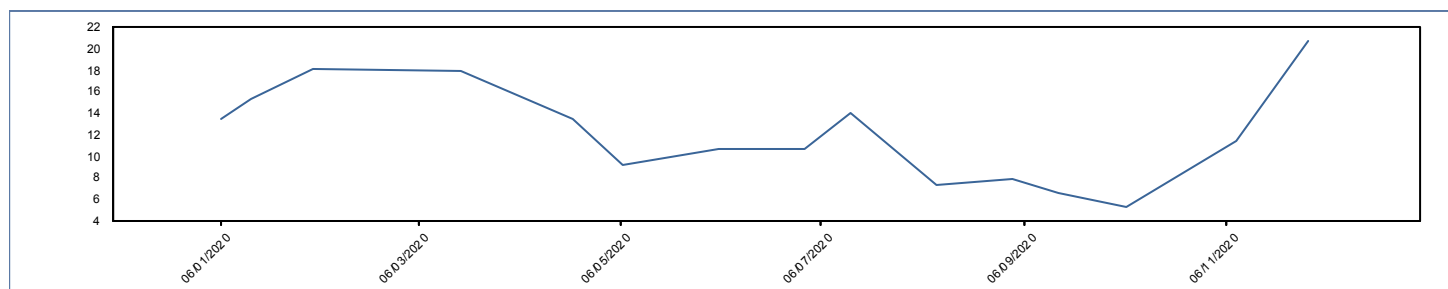
CHIR0069

Number of readings

15

Number of breaches

0



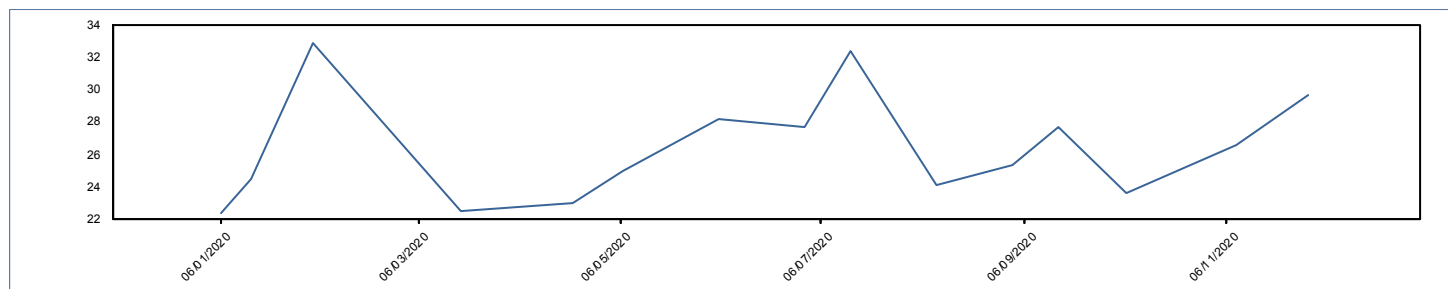
CHIR0070

Number of readings

15

Number of breaches

0



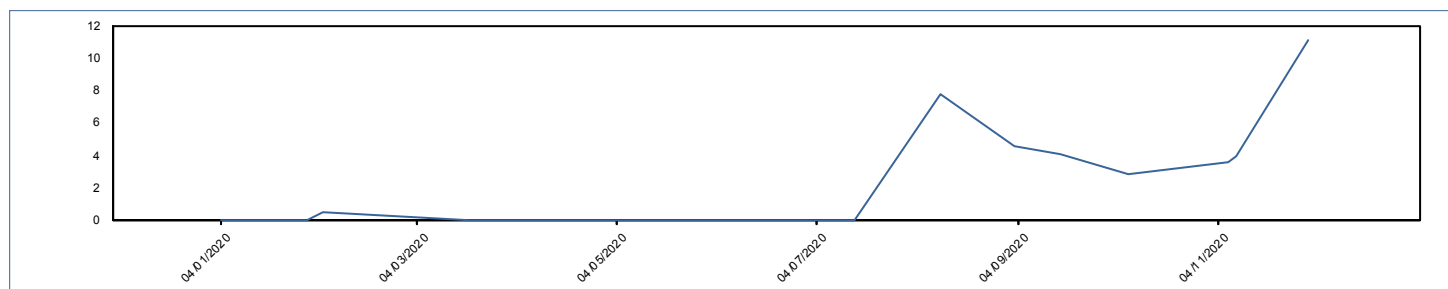
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

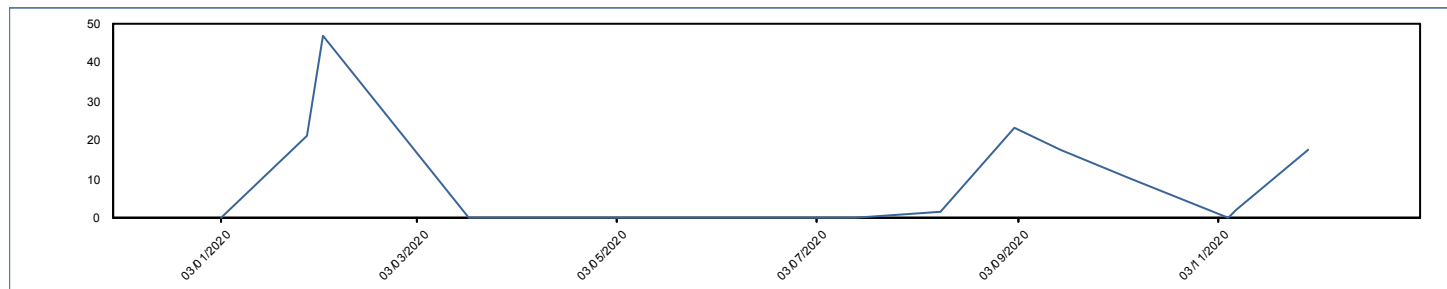
CHIR0073

Number of readings

18

Number of breaches

0



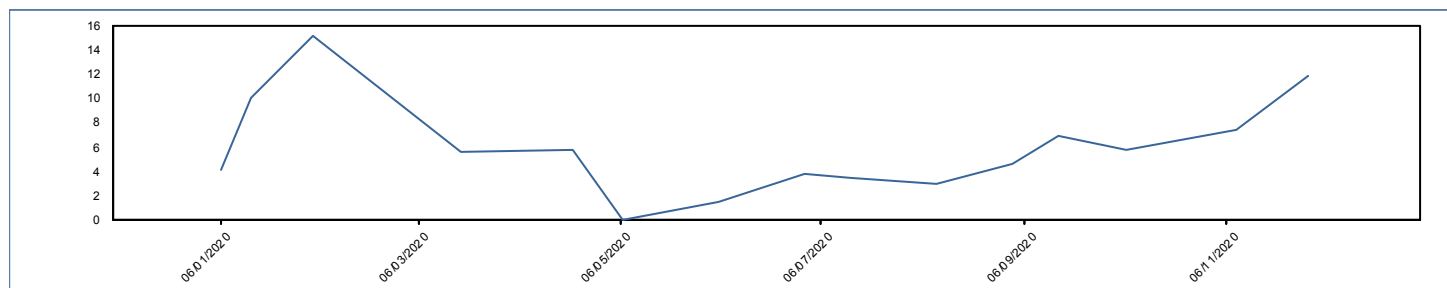
CHIR0074

Number of readings

15

Number of breaches

0



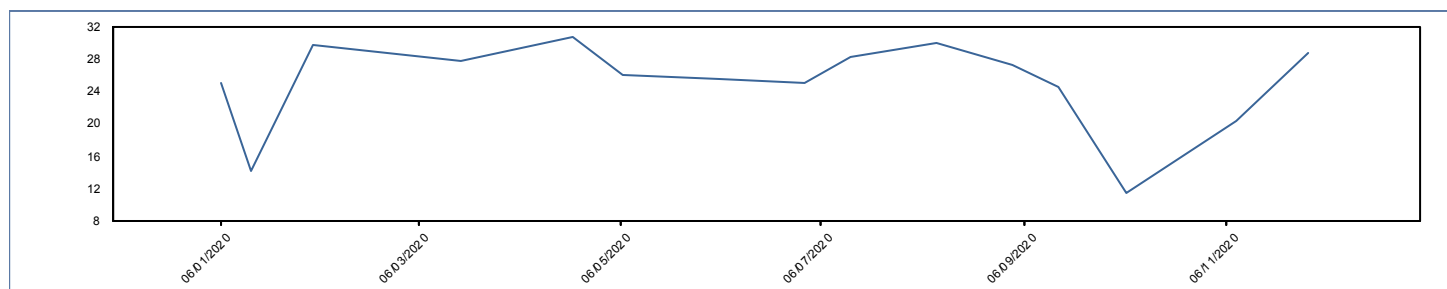
CHIR0079

Number of readings

15

Number of breaches

0



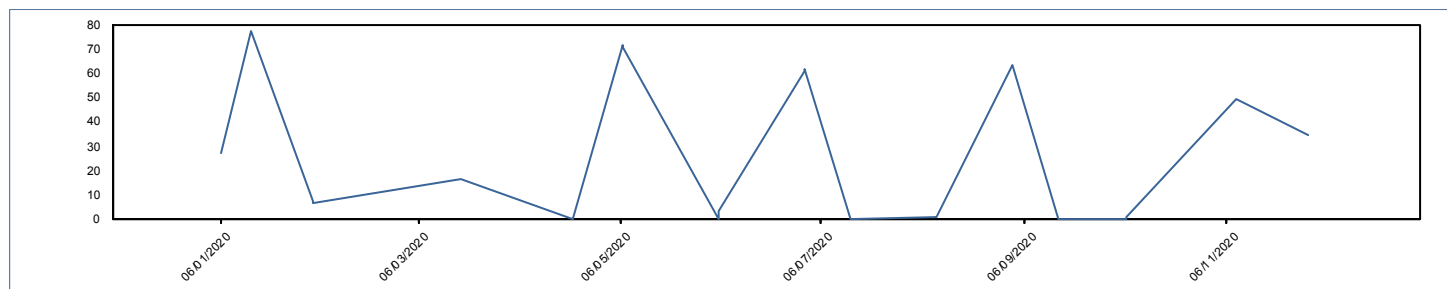
CHIR0080

Number of readings

23

Number of breaches

0



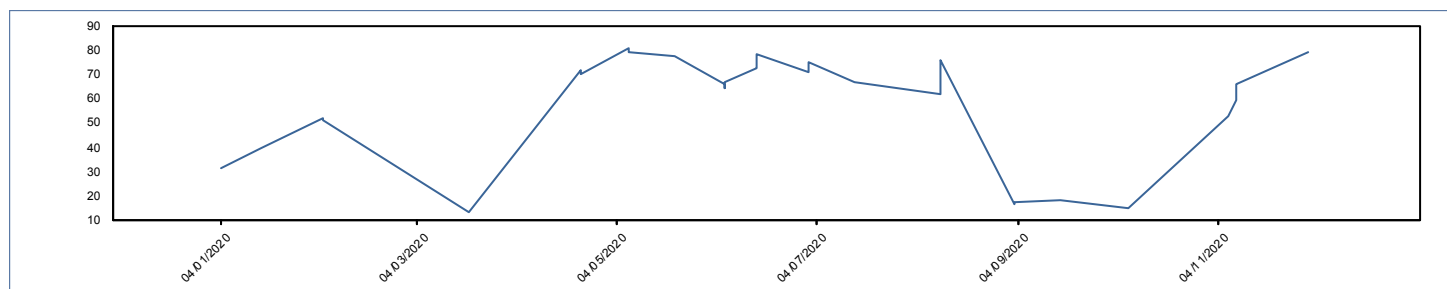
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

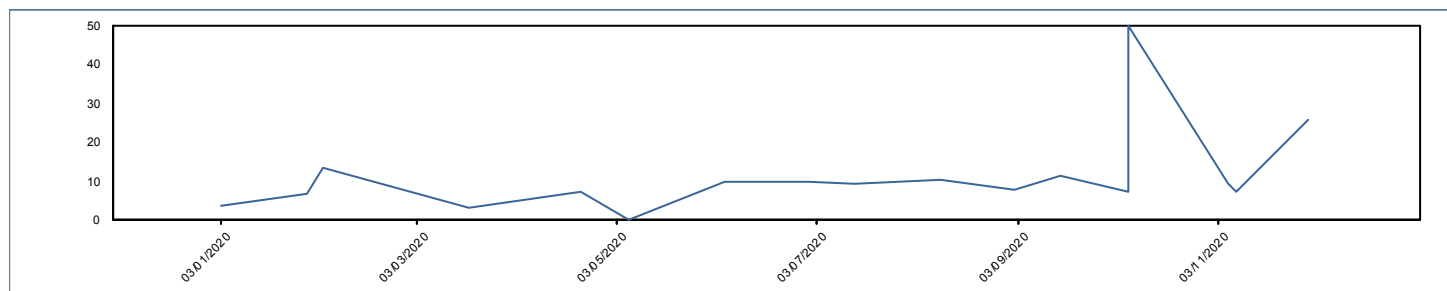
CHIR0091

Number of readings

17

Number of breaches

0



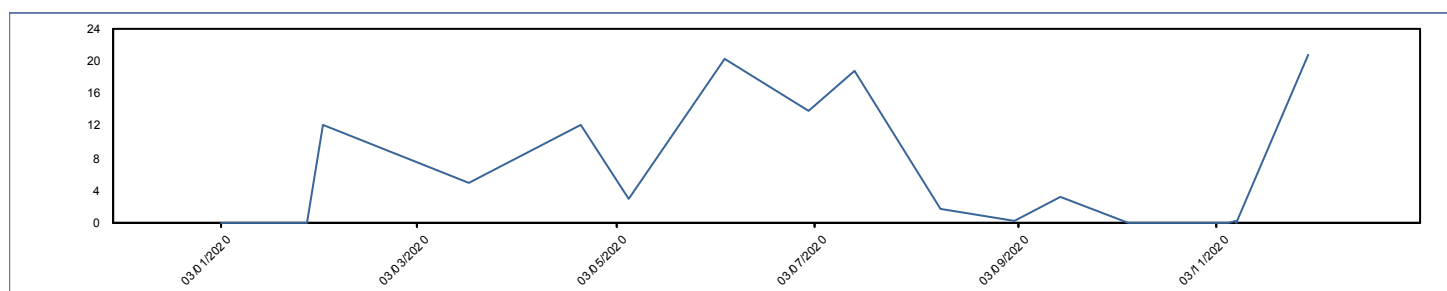
CHIR0093

Number of readings

17

Number of breaches

0



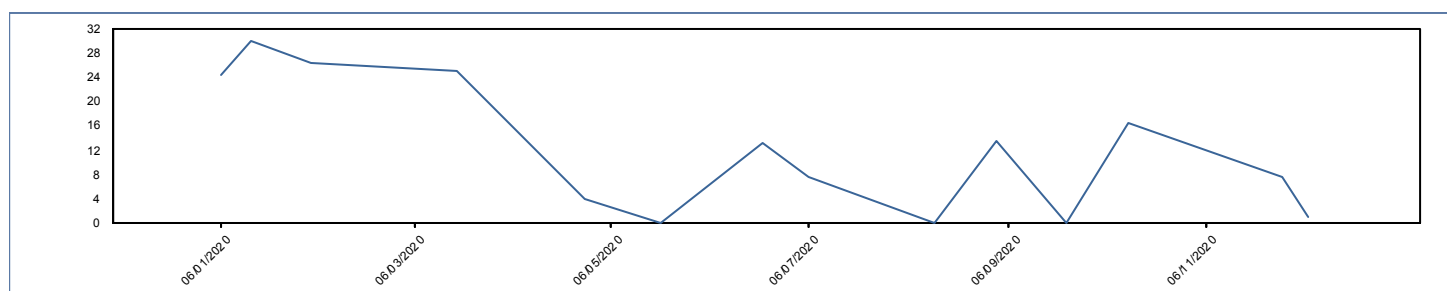
CHIR252R

Number of readings

14

Number of breaches

0



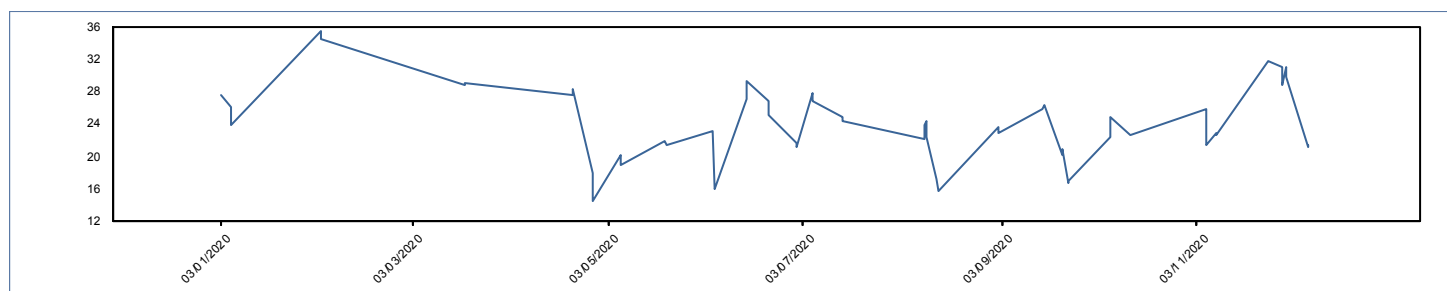
CHISITE1

Number of readings

57

Number of breaches

0



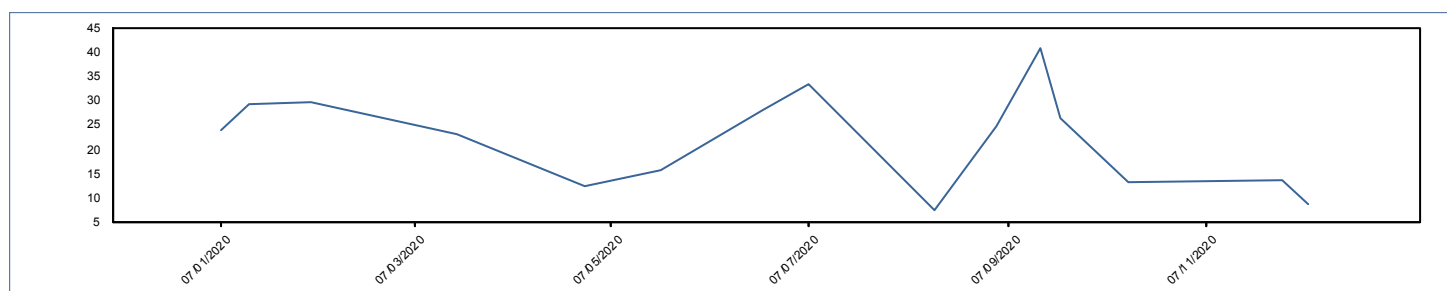
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

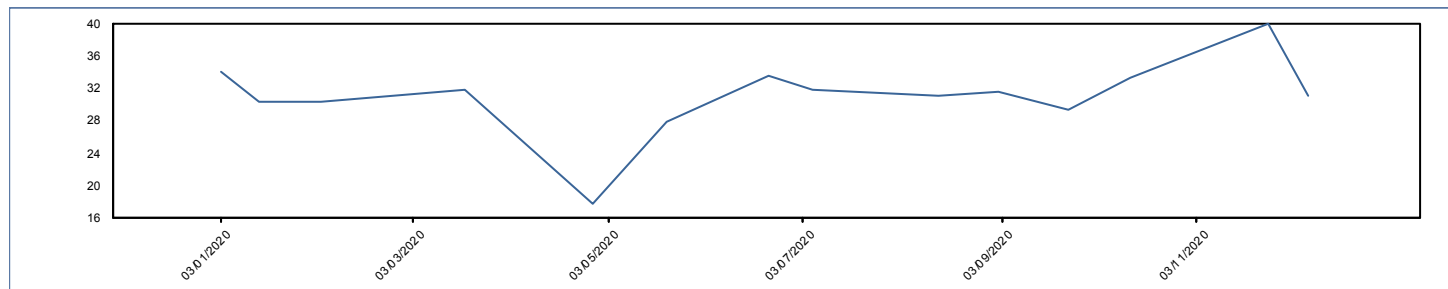
CHIW0065

Number of readings

14

Number of breaches

0



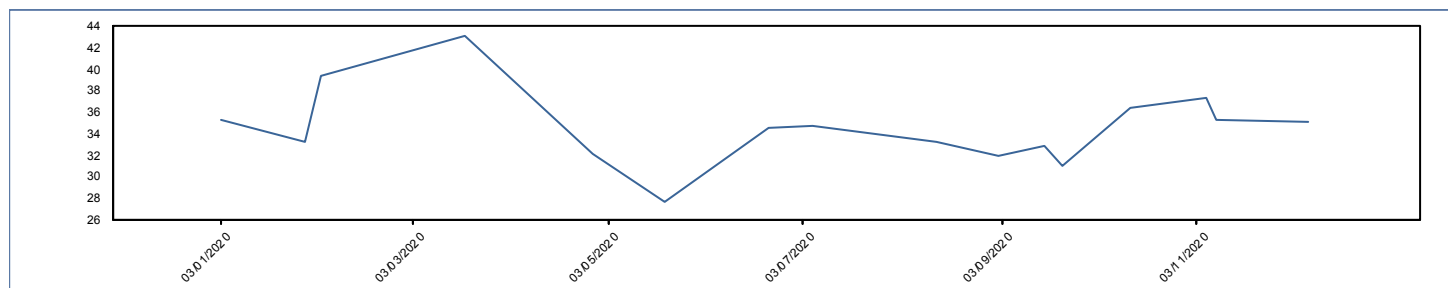
CHIW0066

Number of readings

16

Number of breaches

0



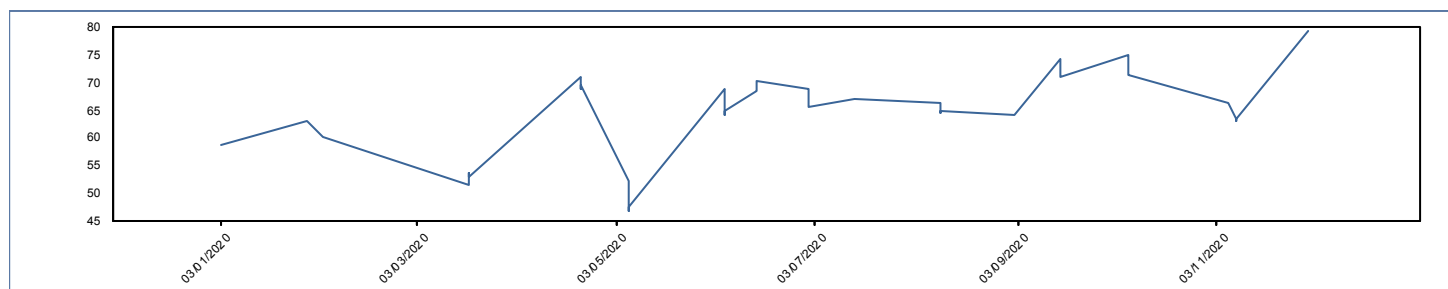
CHIW0067

Number of readings

37

Number of breaches

0



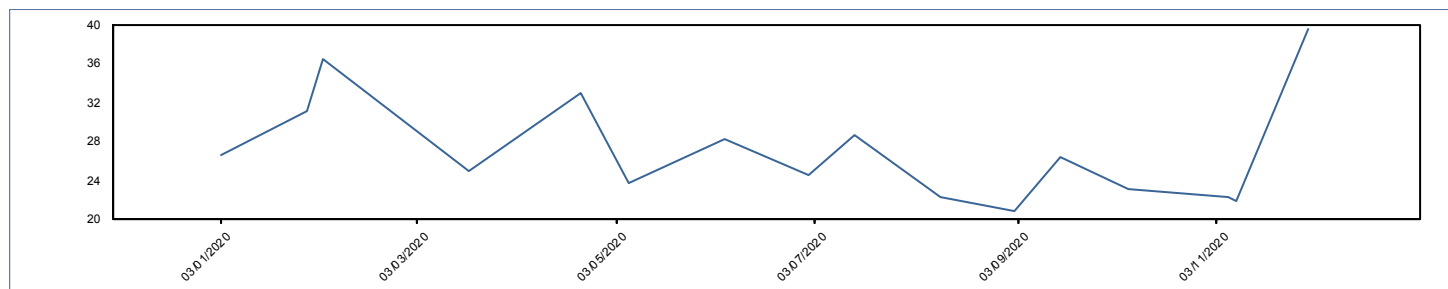
CHIW0068

Number of readings

16

Number of breaches

0



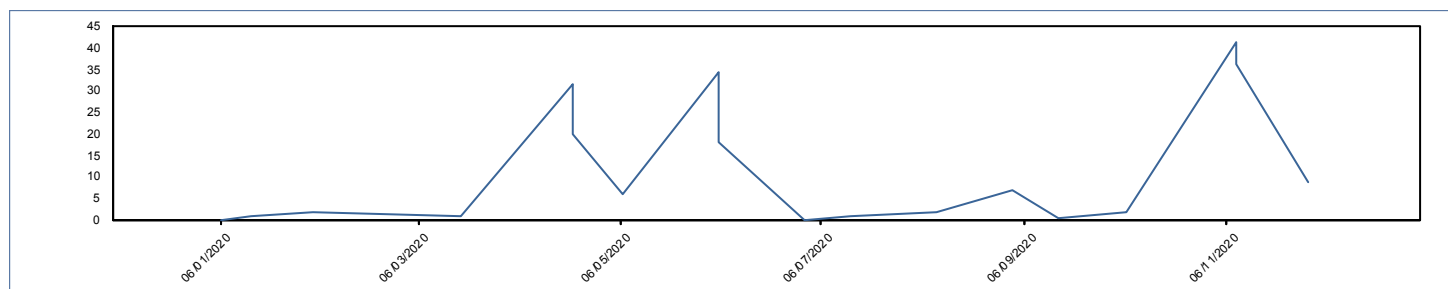
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

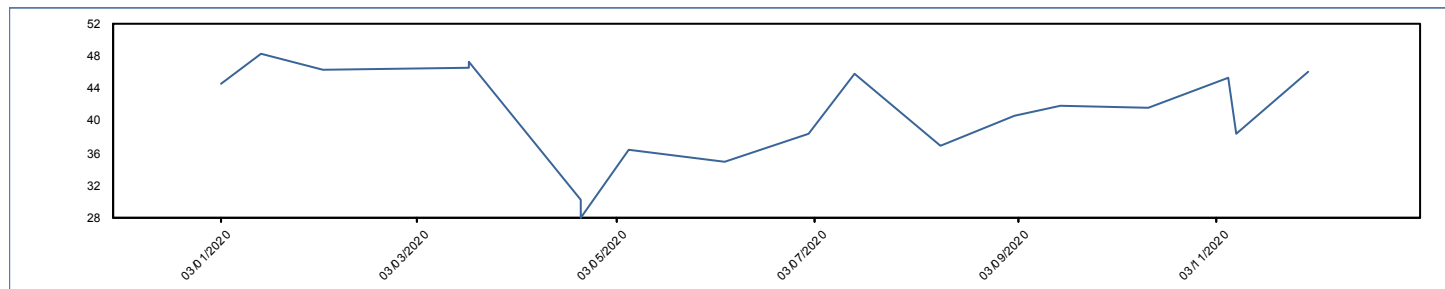
CHI0082

Number of readings

19

Number of breaches

0



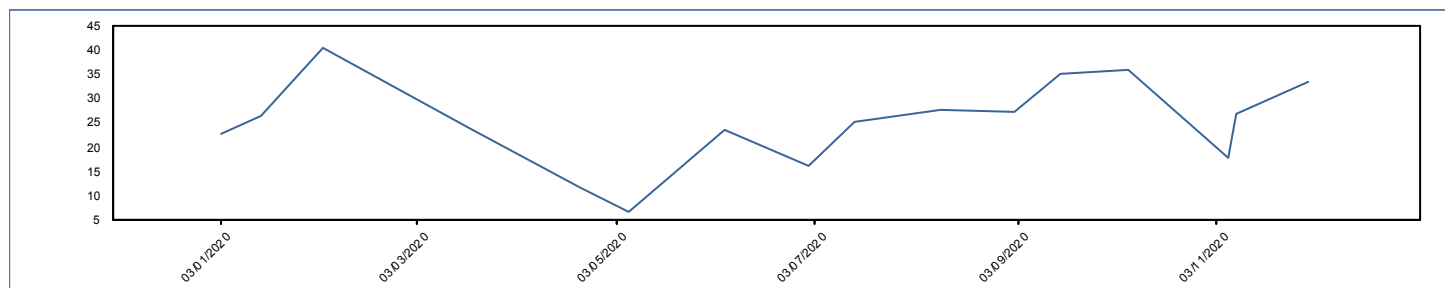
CHI0083

Number of readings

16

Number of breaches

0



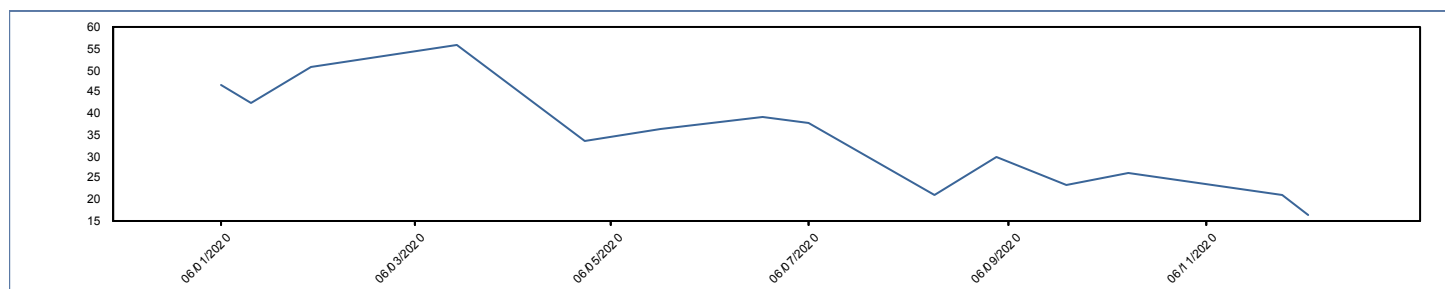
CHI0084

Number of readings

14

Number of breaches

0



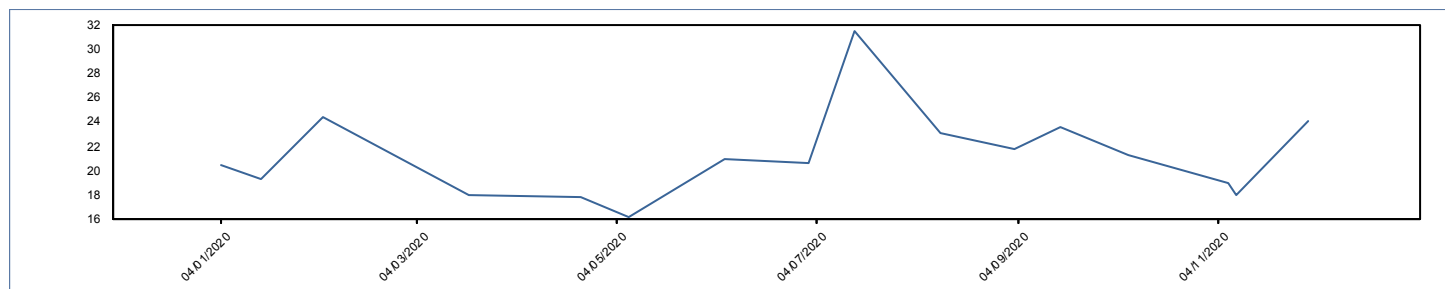
CHI0089

Number of readings

16

Number of breaches

0



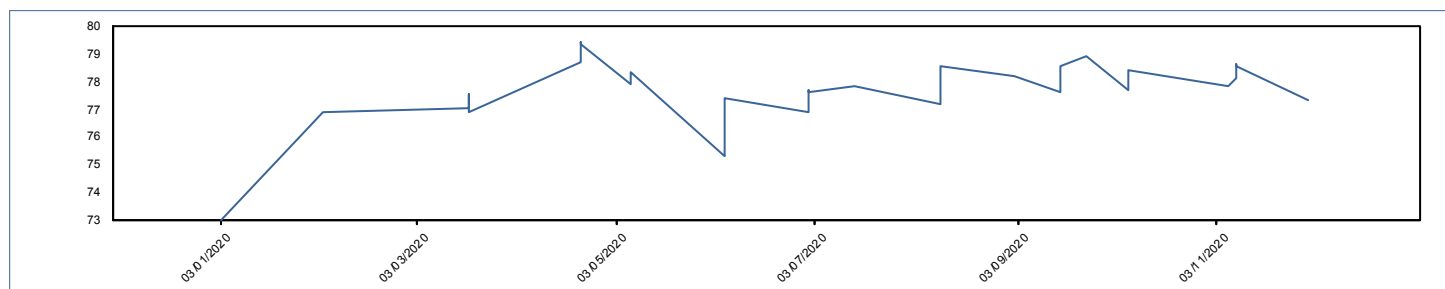
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

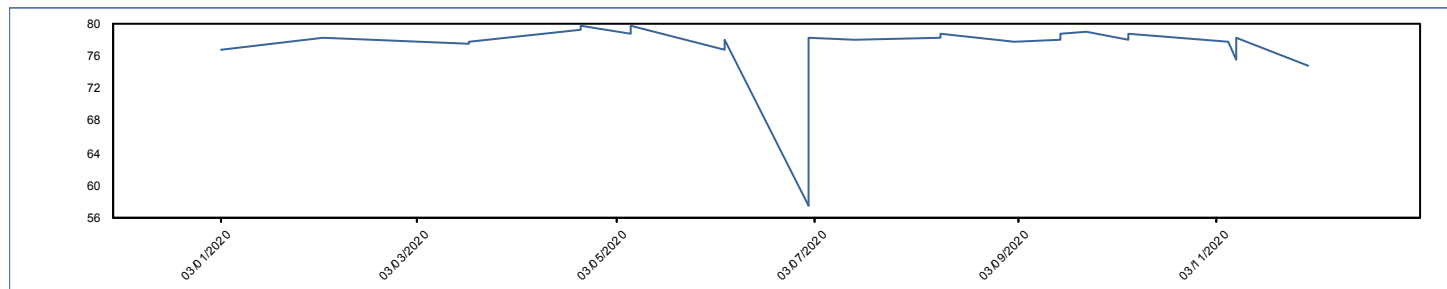
CHI0097

Number of readings

34

Number of breaches

0



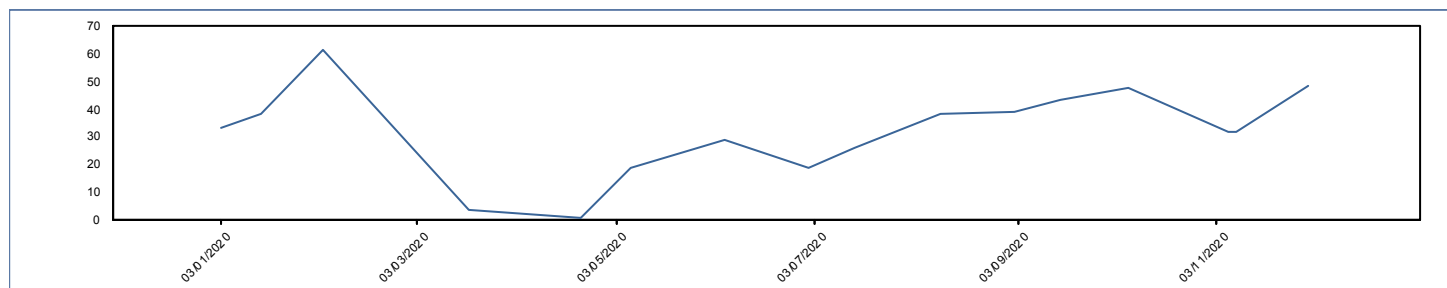
CHI0098

Number of readings

16

Number of breaches

0



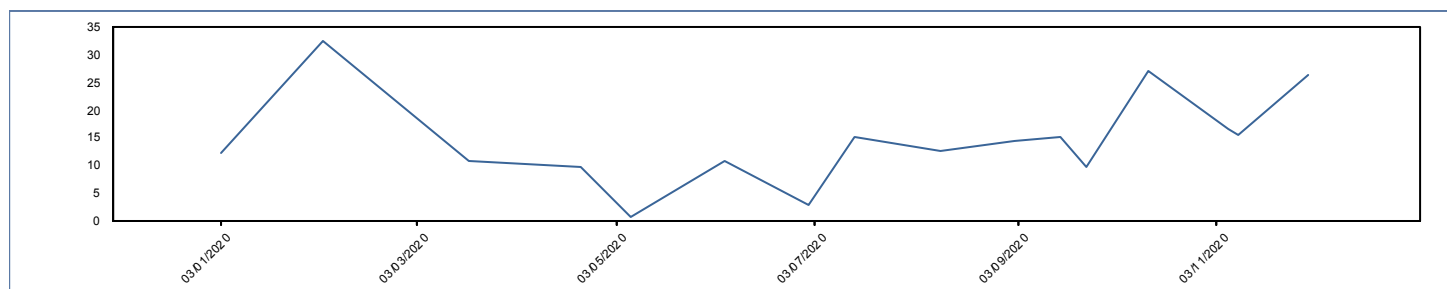
CHI0099

Number of readings

16

Number of breaches

0



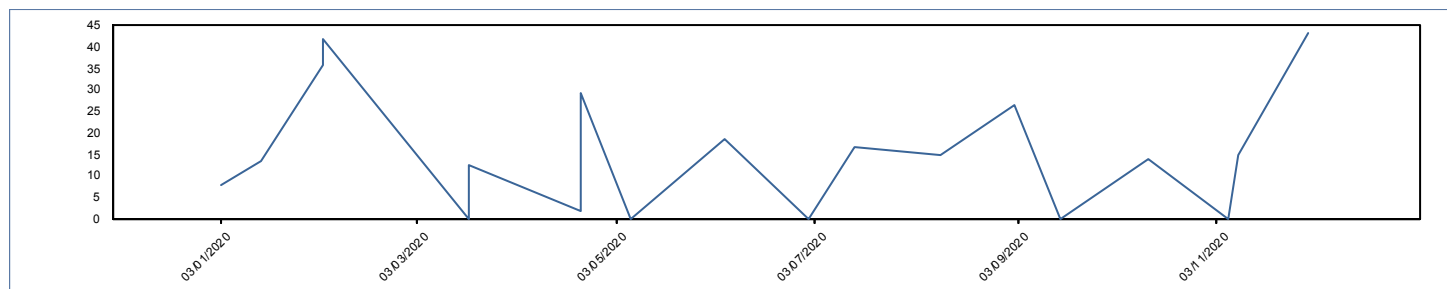
CHI0100

Number of readings

22

Number of breaches

0



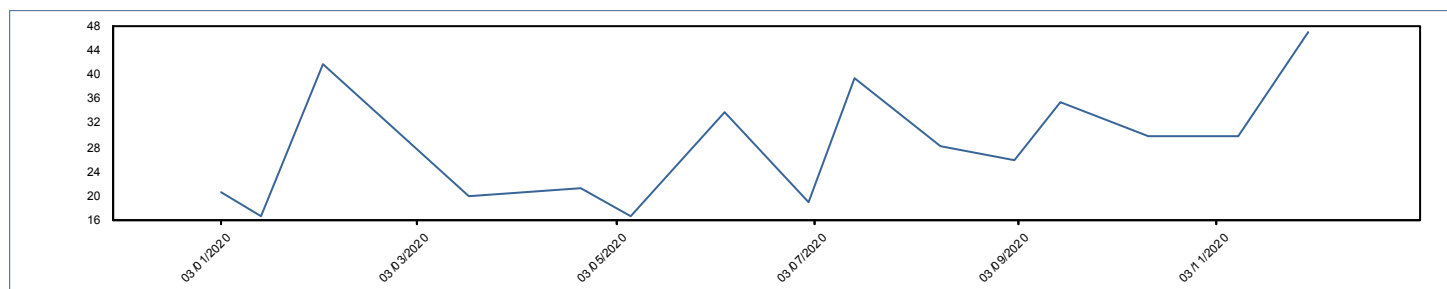
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

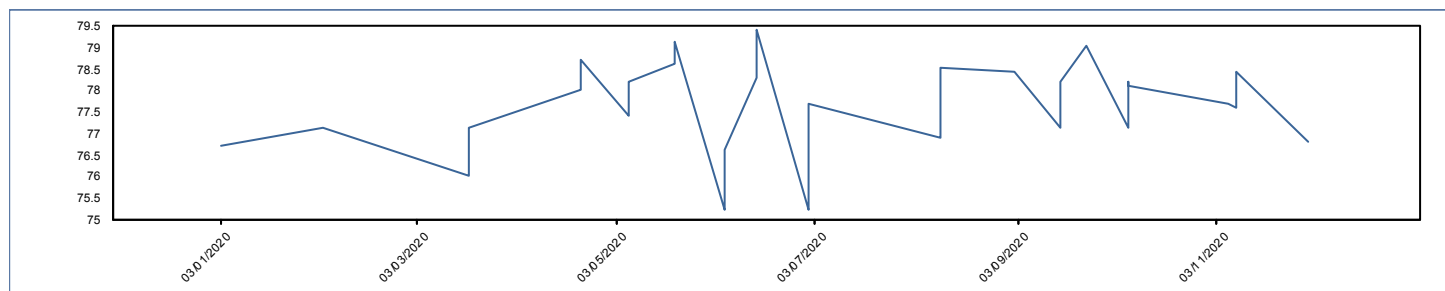
CHI0102

Number of readings

39

Number of breaches

0



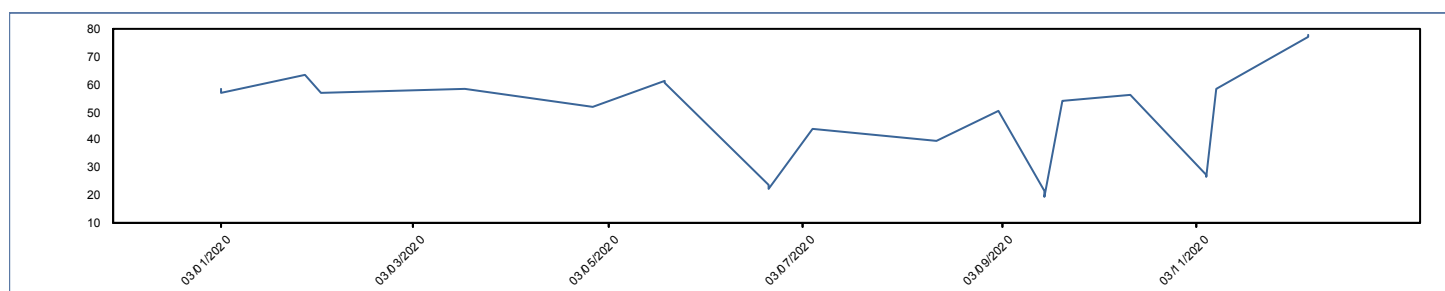
CHI0103

Number of readings

24

Number of breaches

0



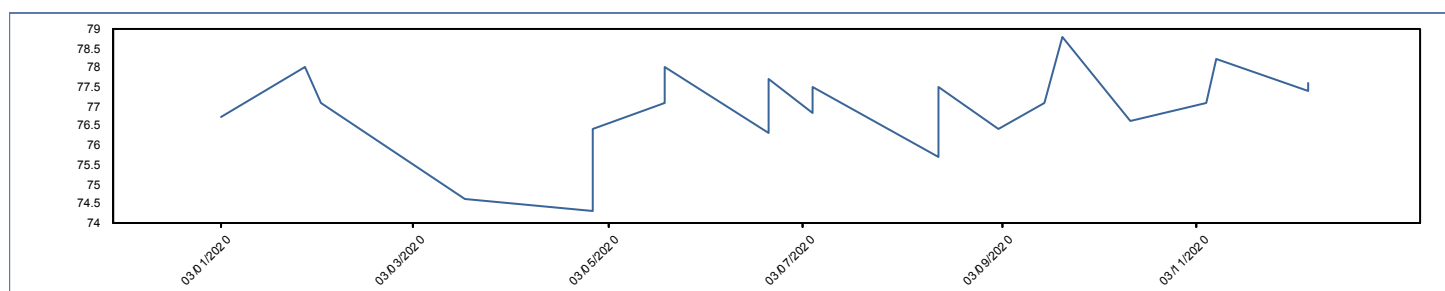
CHI0104

Number of readings

30

Number of breaches

0



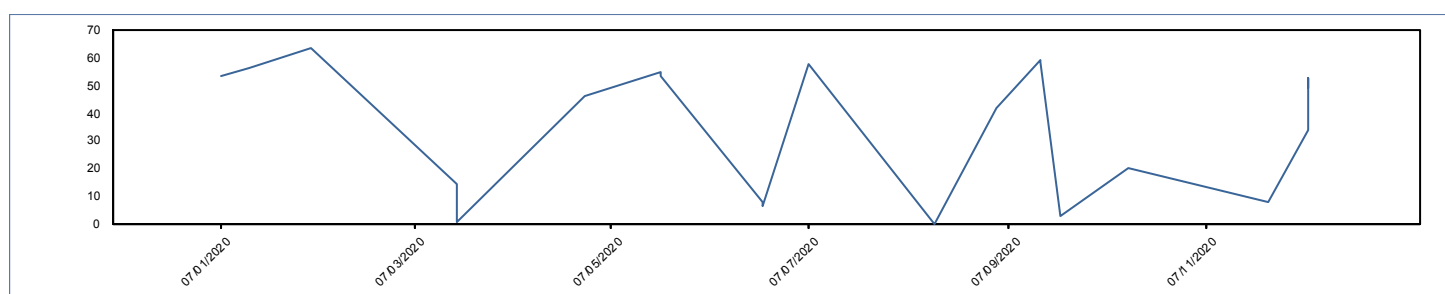
CHI0105

Number of readings

24

Number of breaches

0



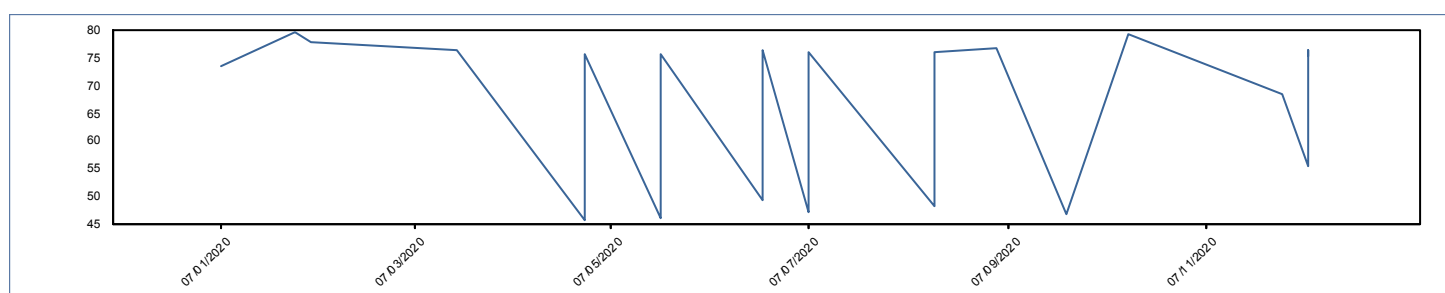
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

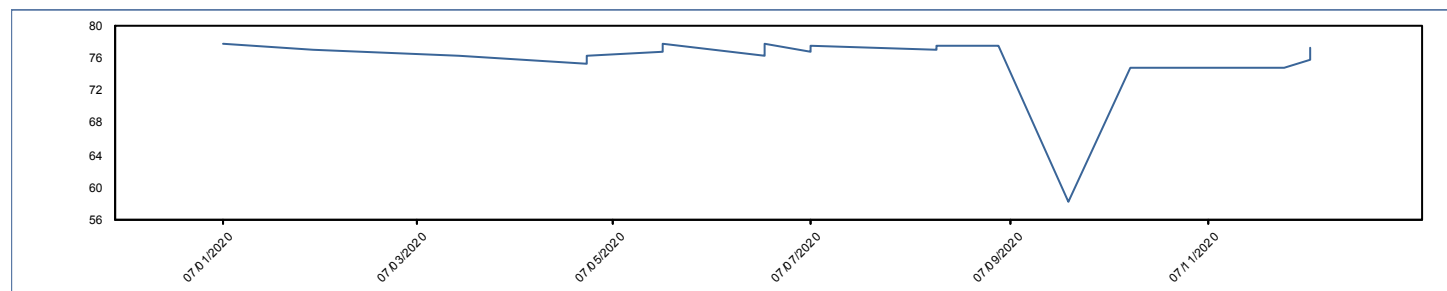
CHI0107

Number of readings

25

Number of breaches

0



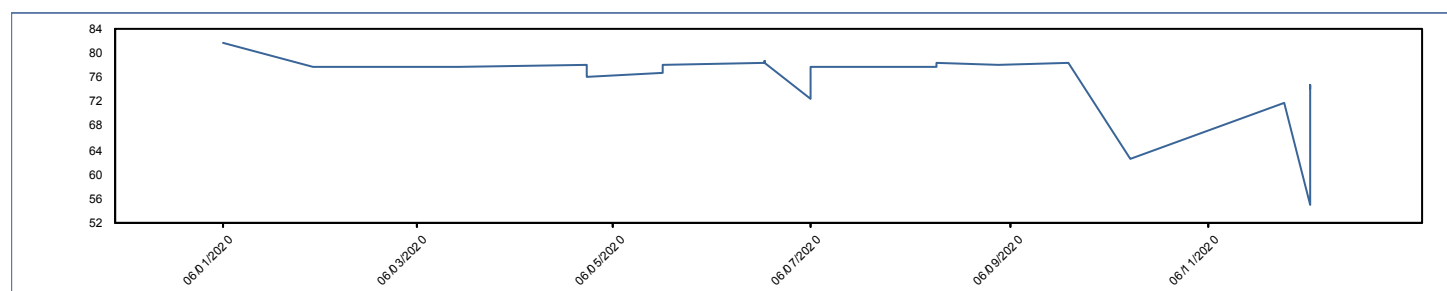
CHI0108

Number of readings

25

Number of breaches

0



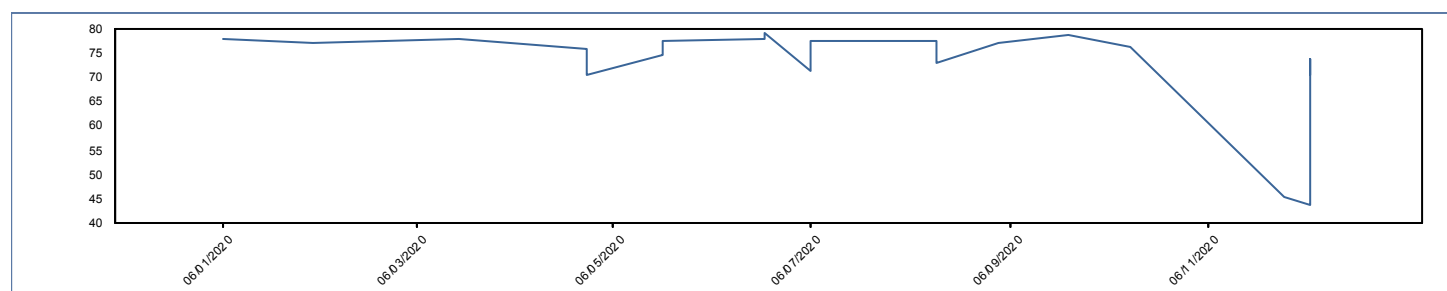
CHI0109

Number of readings

25

Number of breaches

0



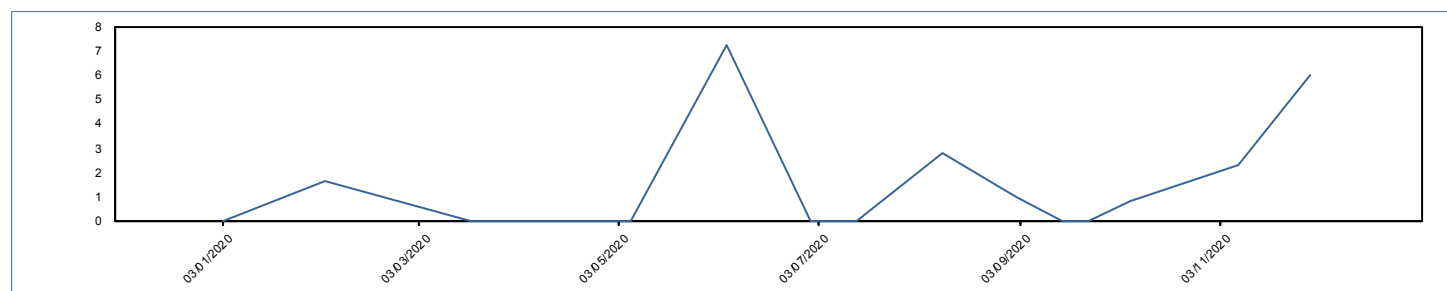
CHI0110

Number of readings

15

Number of breaches

0



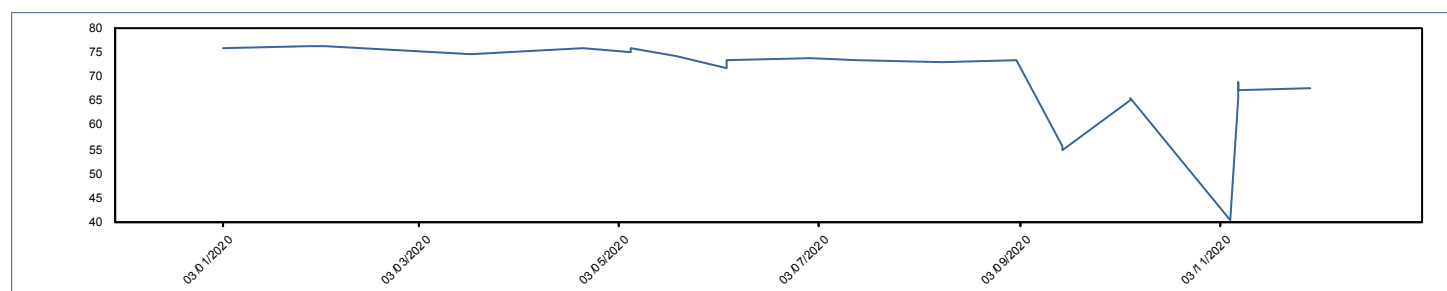
CHI0111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

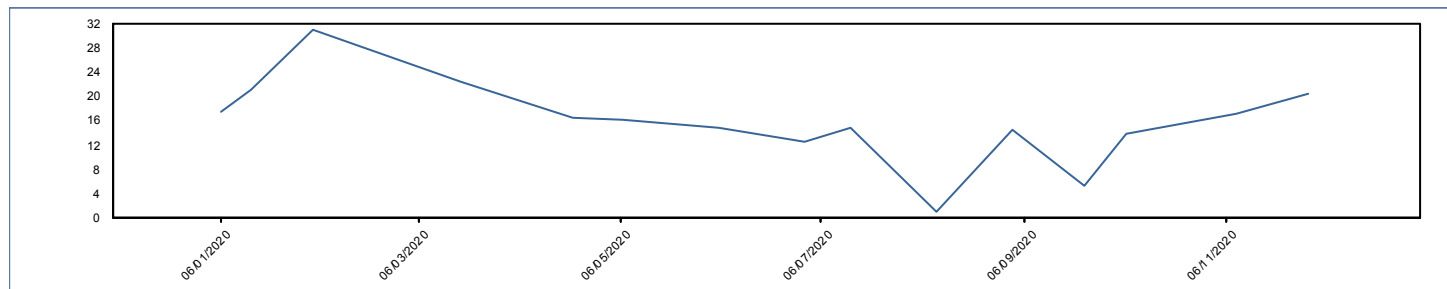
CHI0112

Number of readings

15

Number of breaches

0



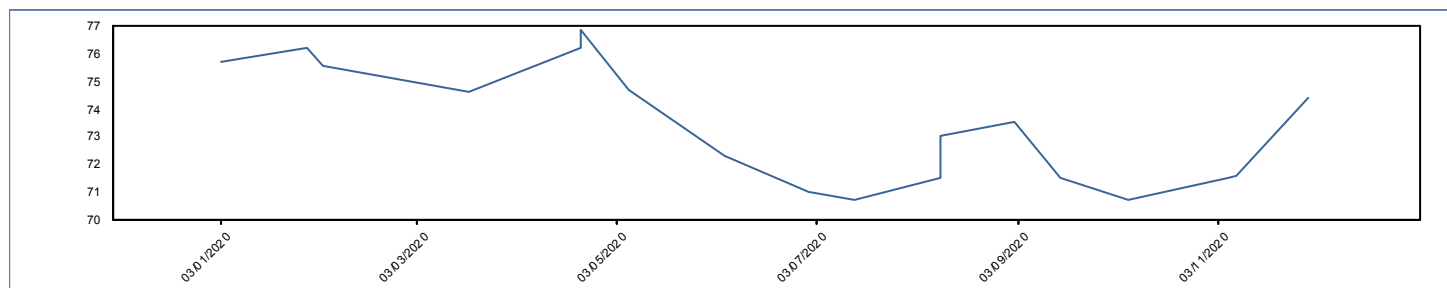
CHI0113

Number of readings

20

Number of breaches

0



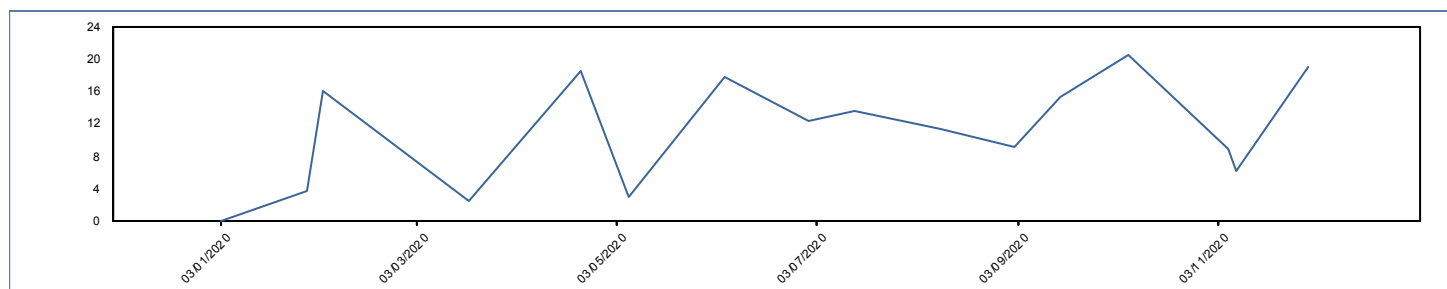
CHI0115

Number of readings

16

Number of breaches

0



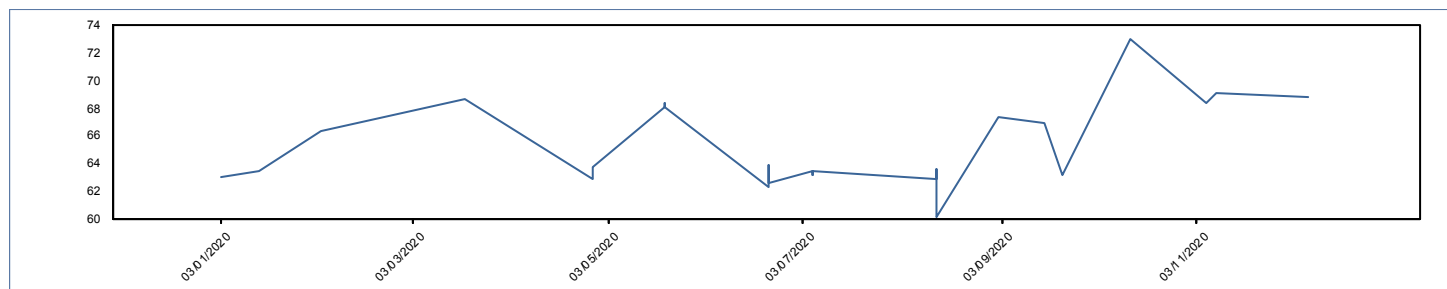
CHI0116

Number of readings

26

Number of breaches

0



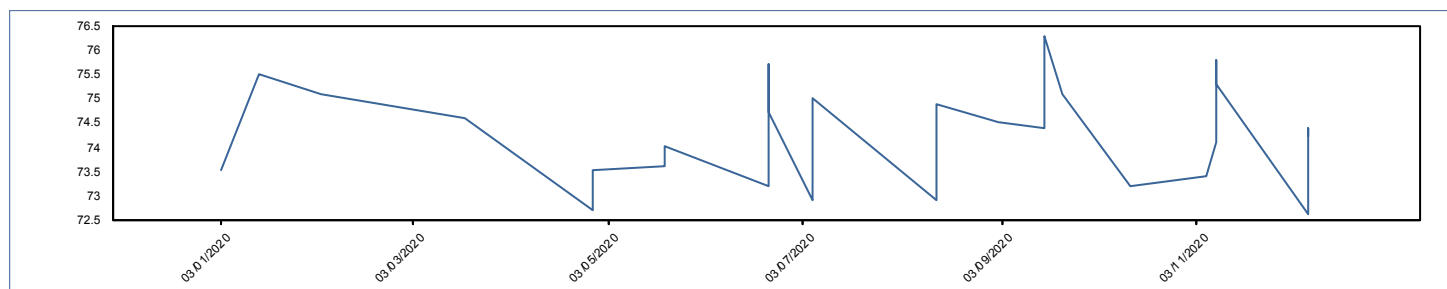
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

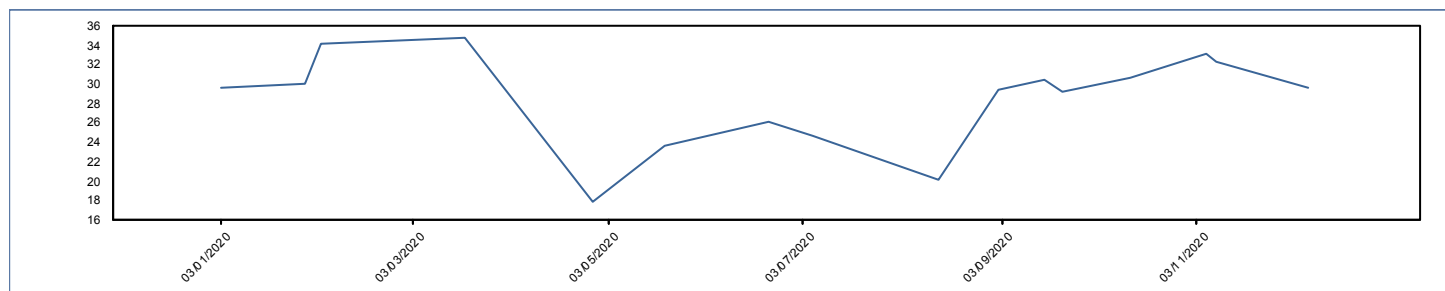
CHI0118

Number of readings

16

Number of breaches

0



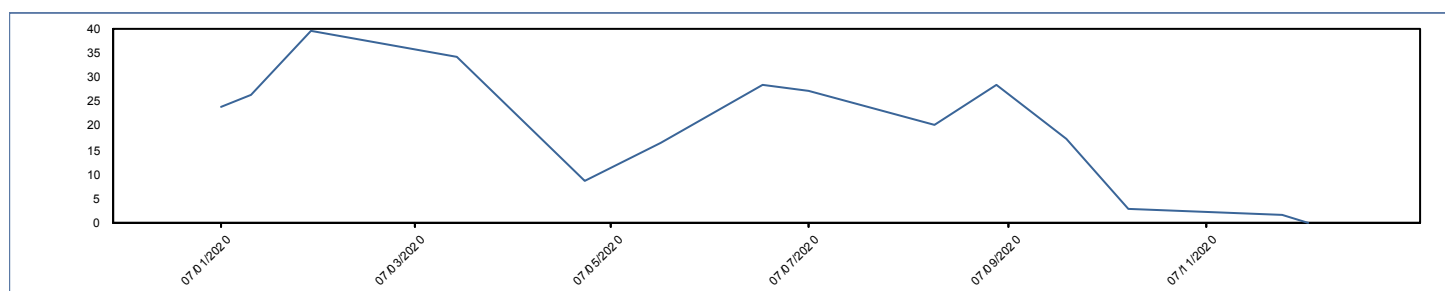
CHI0120

Number of readings

14

Number of breaches

0



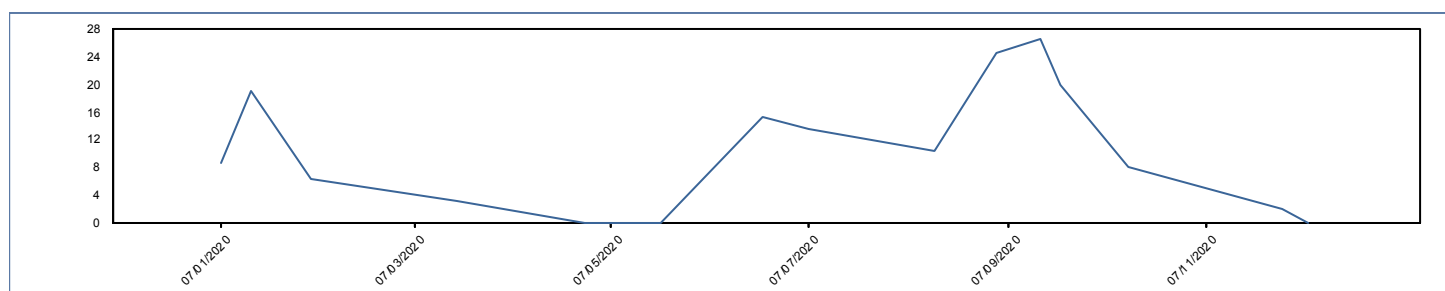
CHI0121

Number of readings

15

Number of breaches

0



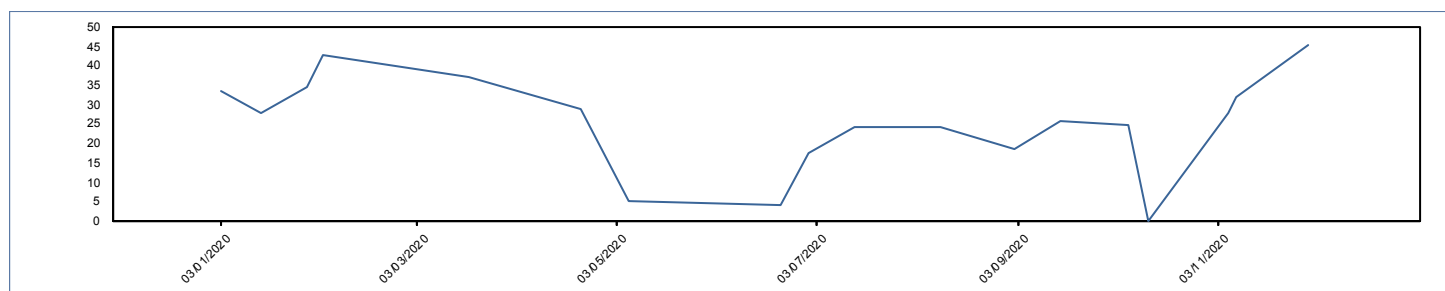
CHI0123

Number of readings

18

Number of breaches

0



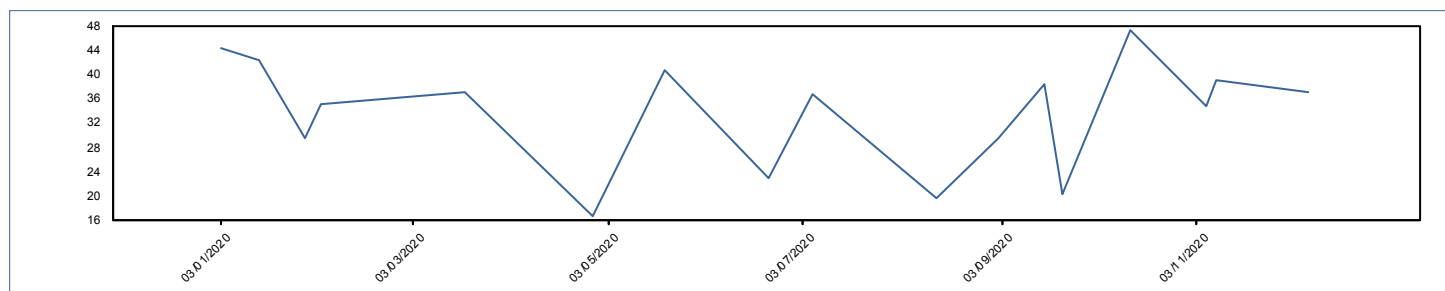
CHI0124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

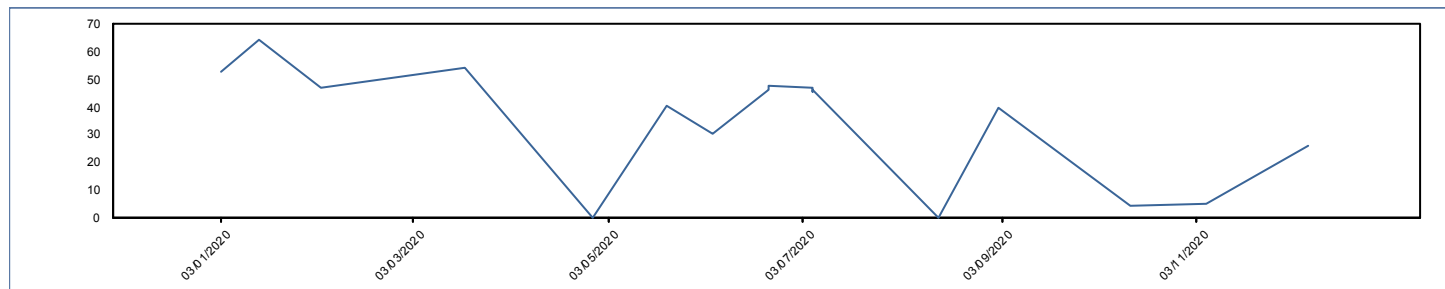
CHI0125

Number of readings

20

Number of breaches

0



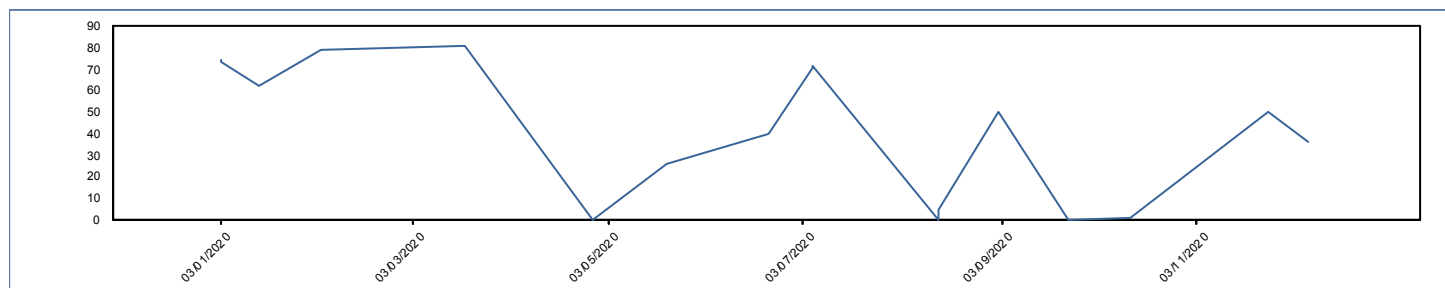
CHI0126

Number of readings

17

Number of breaches

0



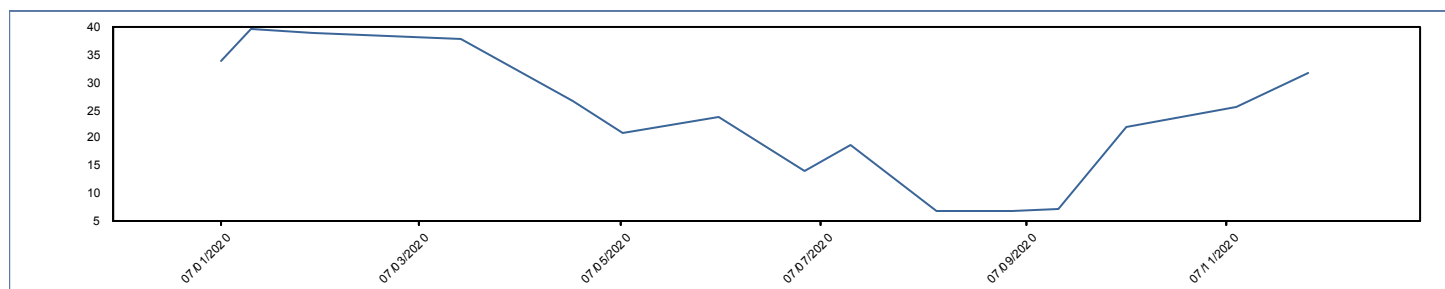
CHI0127

Number of readings

15

Number of breaches

0



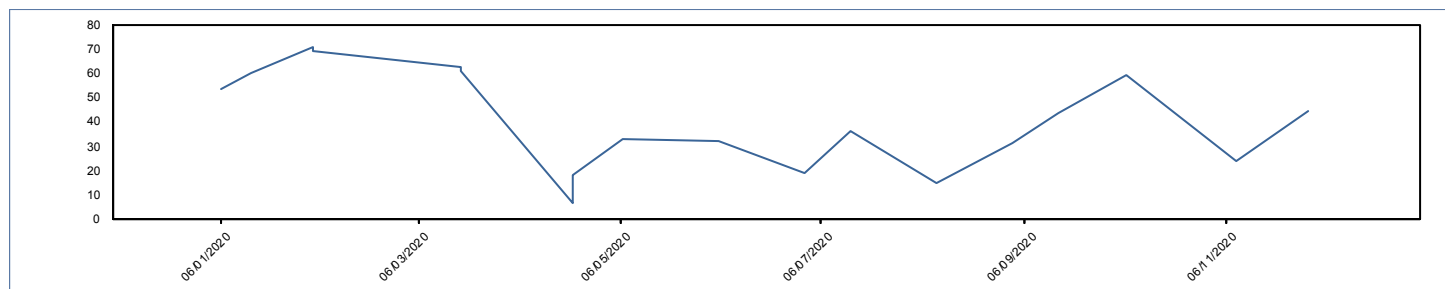
CHI0128

Number of readings

19

Number of breaches

0



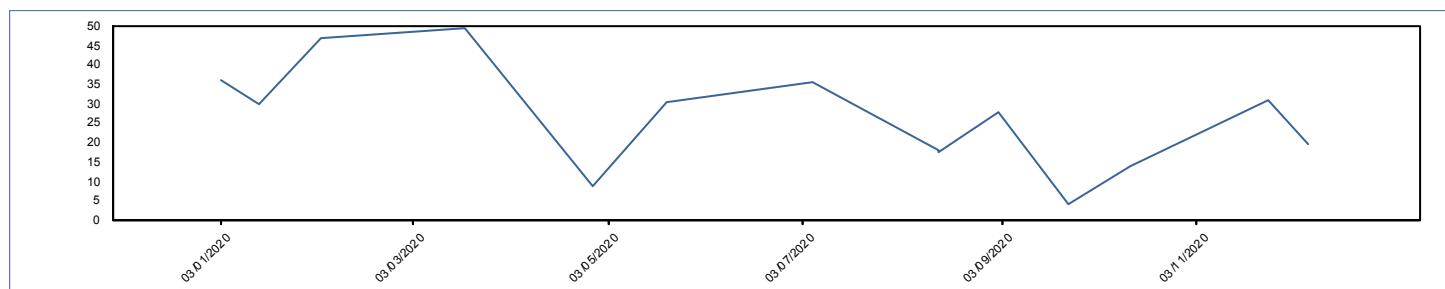
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

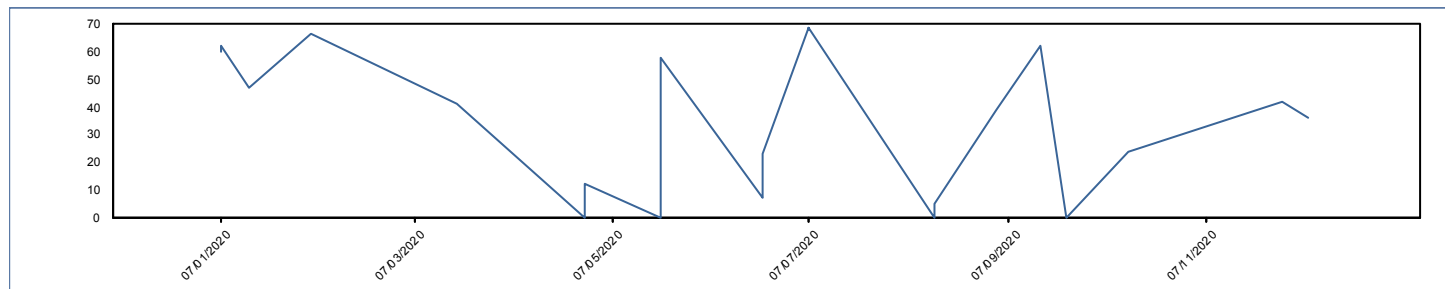
CHI1602

Number of readings

25

Number of breaches

0



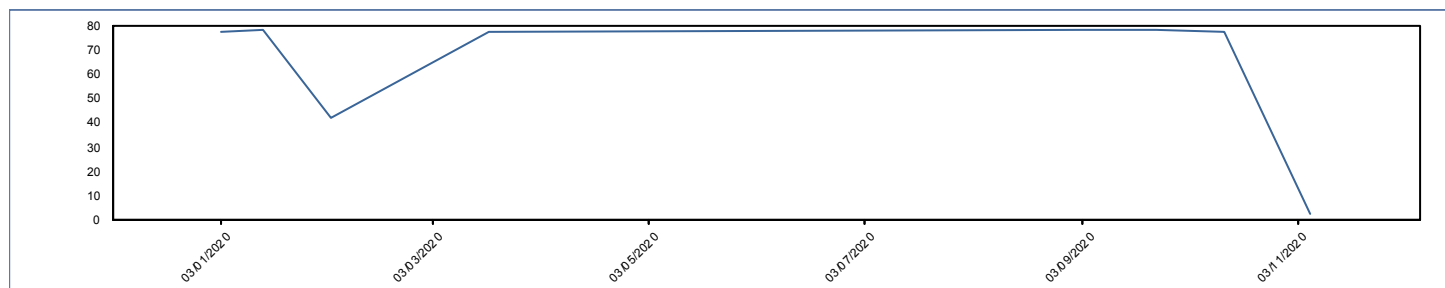
CHI1603

Number of readings

8

Number of breaches

0



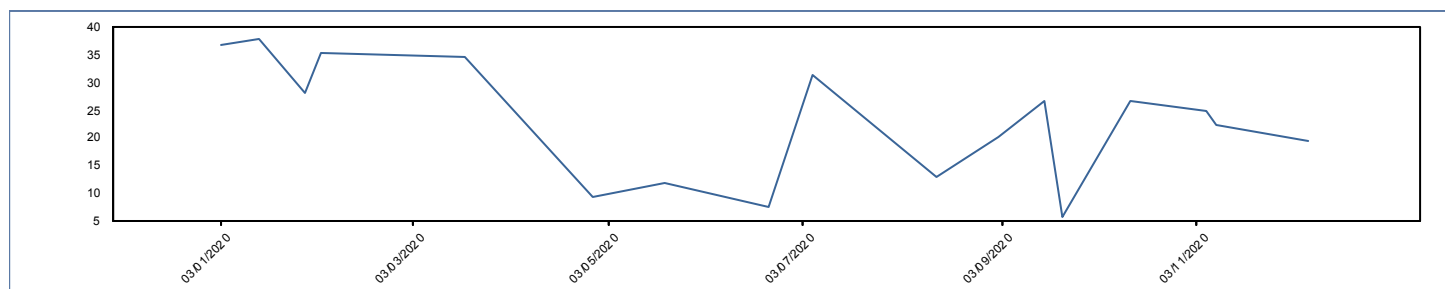
CHI1604

Number of readings

17

Number of breaches

0



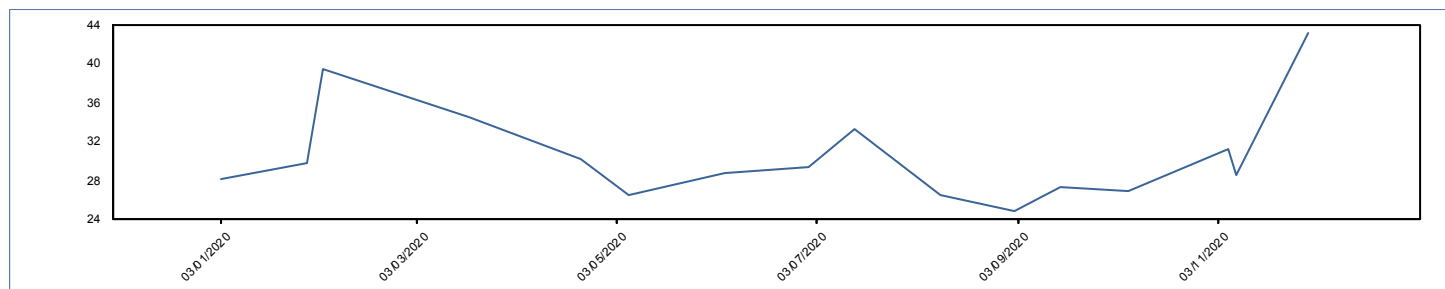
CHI1605

Number of readings

16

Number of breaches

0



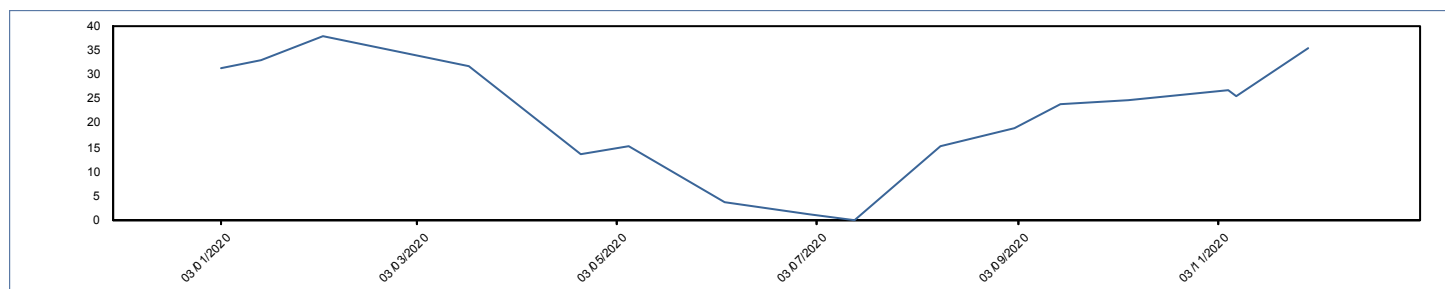
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

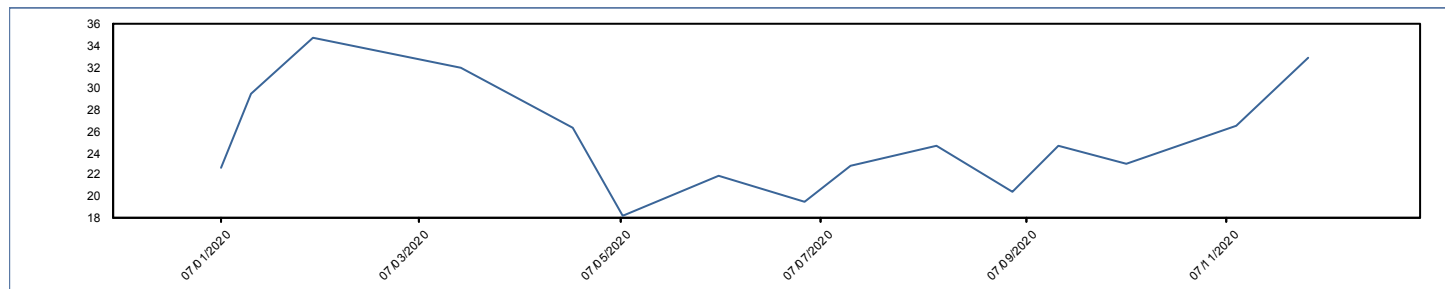
CHI1608

Number of readings

15

Number of breaches

0



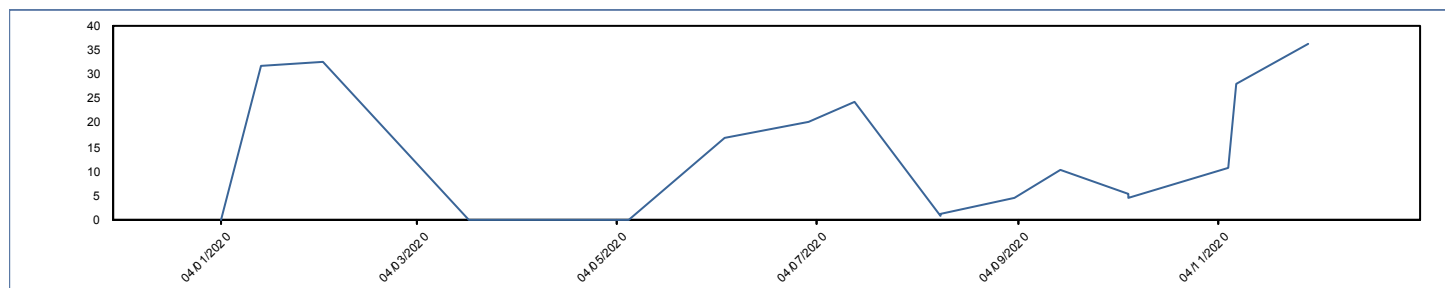
CHI1609

Number of readings

20

Number of breaches

0



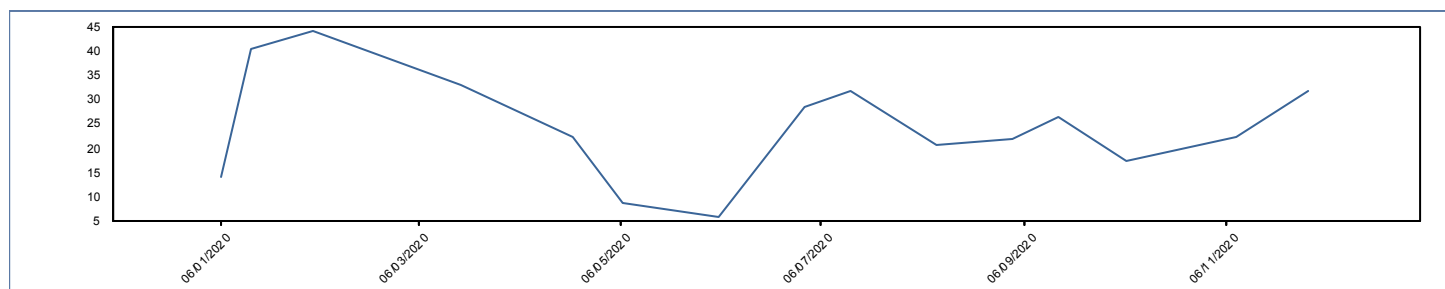
CHI1610

Number of readings

15

Number of breaches

0



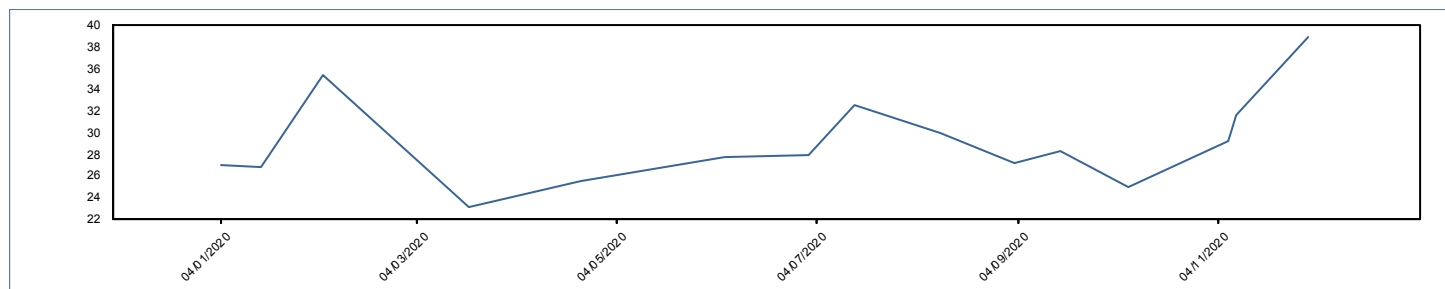
CHI1611

Number of readings

16

Number of breaches

0



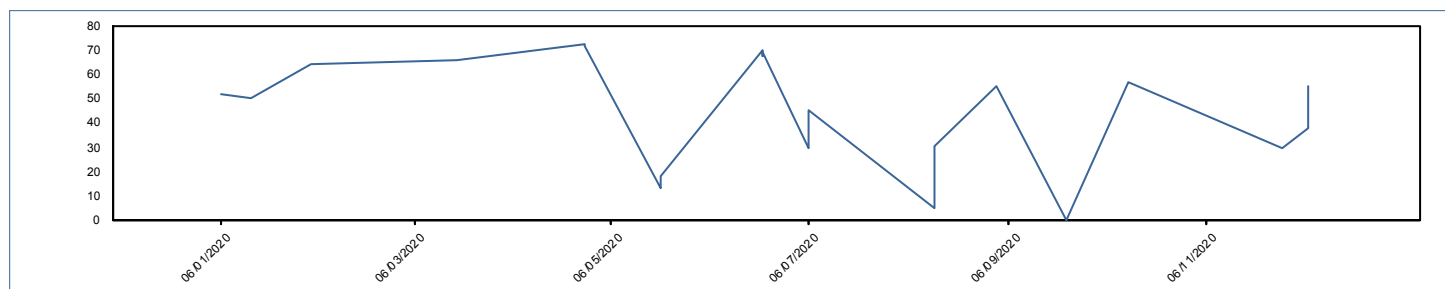
CHI1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

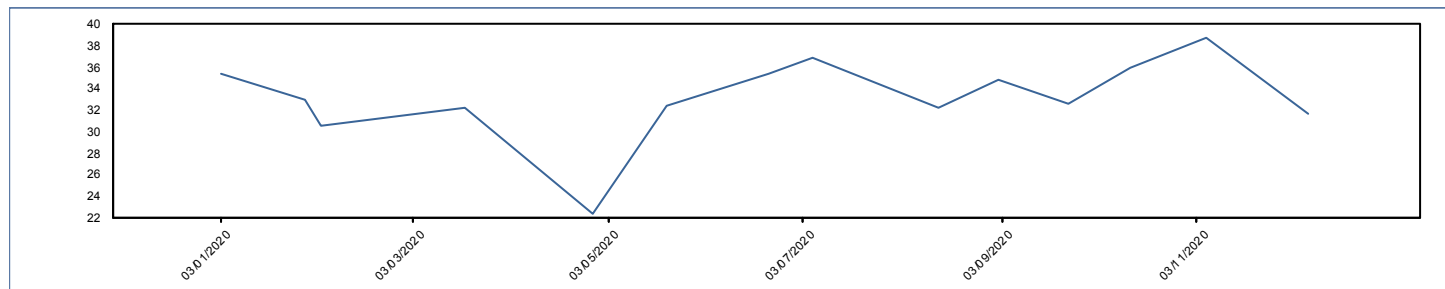
GW44

Number of readings

14

Number of breaches

0



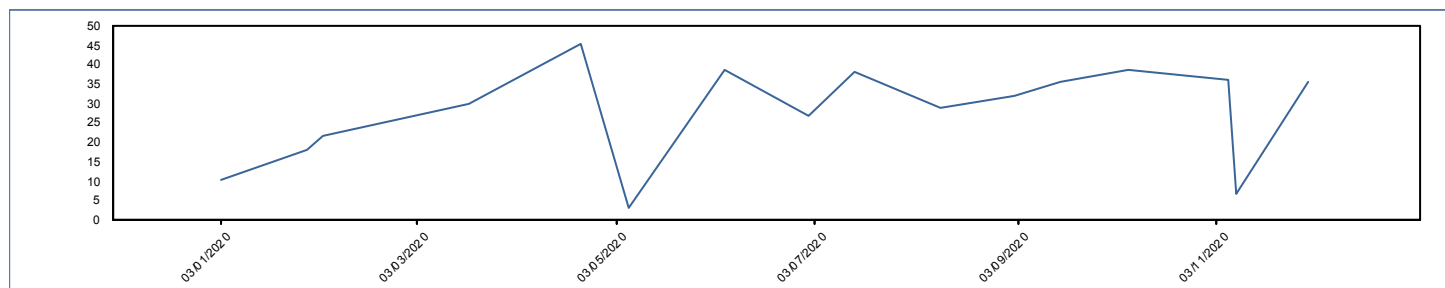
GW48

Number of readings

16

Number of breaches

0



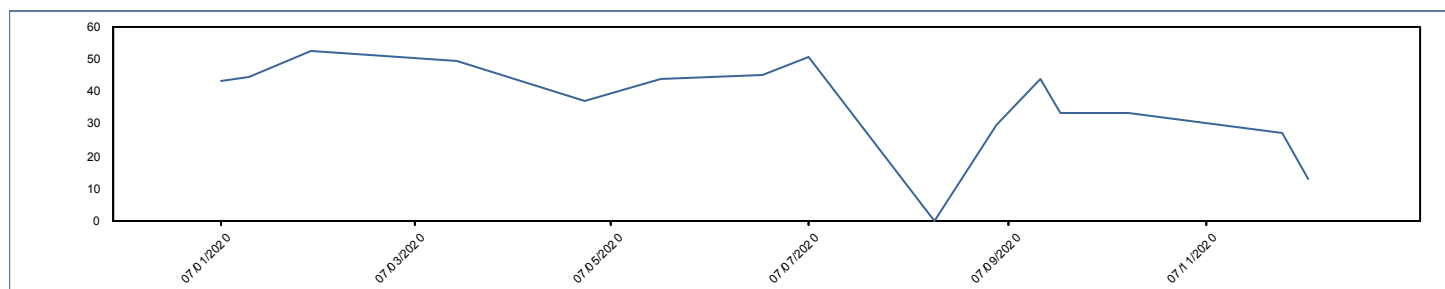
GW56

Number of readings

17

Number of breaches

0



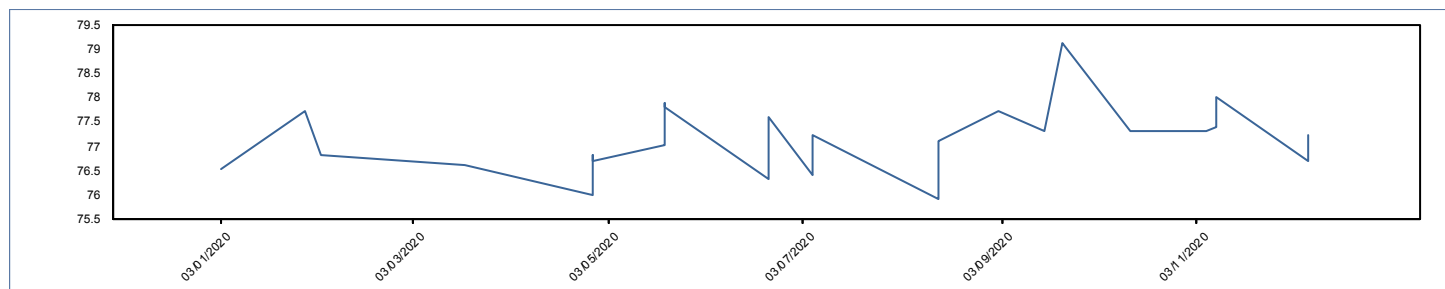
GW57

Number of readings

30

Number of breaches

0



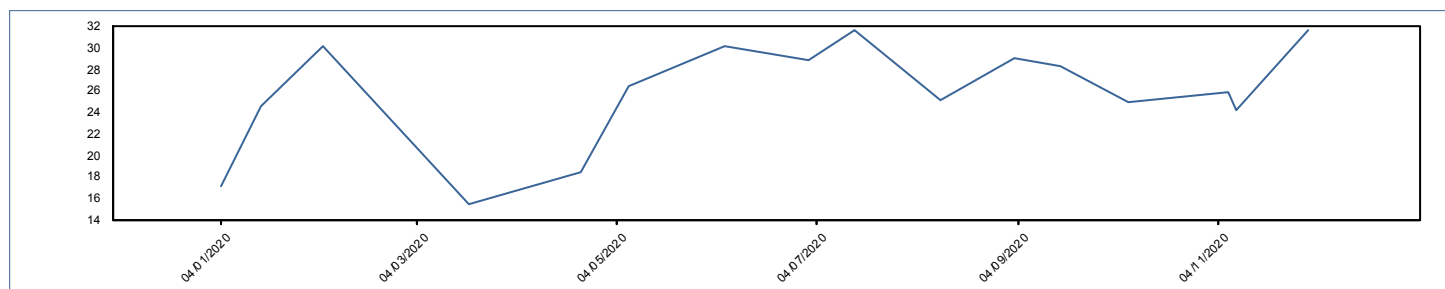
GW88

Number of readings

16

Number of breaches

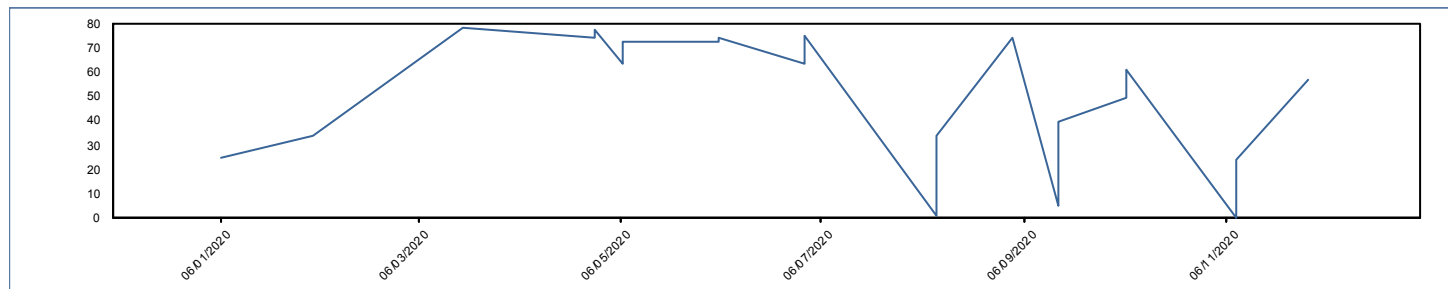
0



Data from: 1 Jan 2020 to: 31 Dec 2020

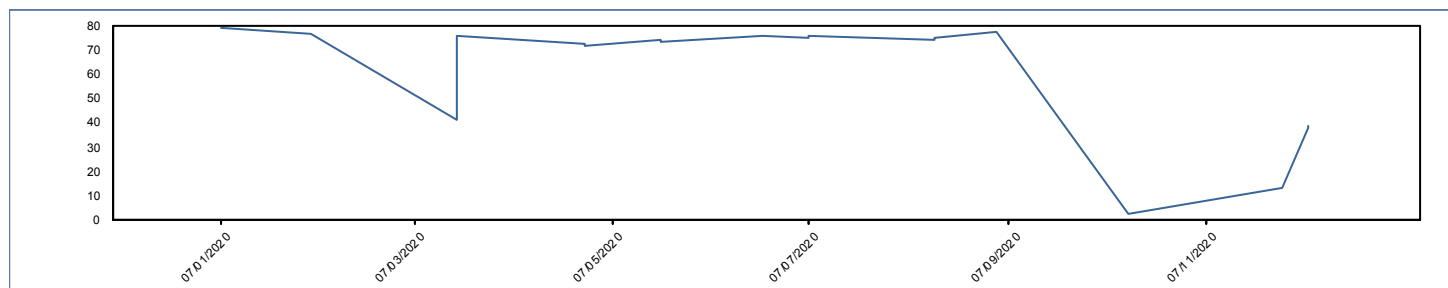
LC005A

Number of readings 29 Number of breaches 0



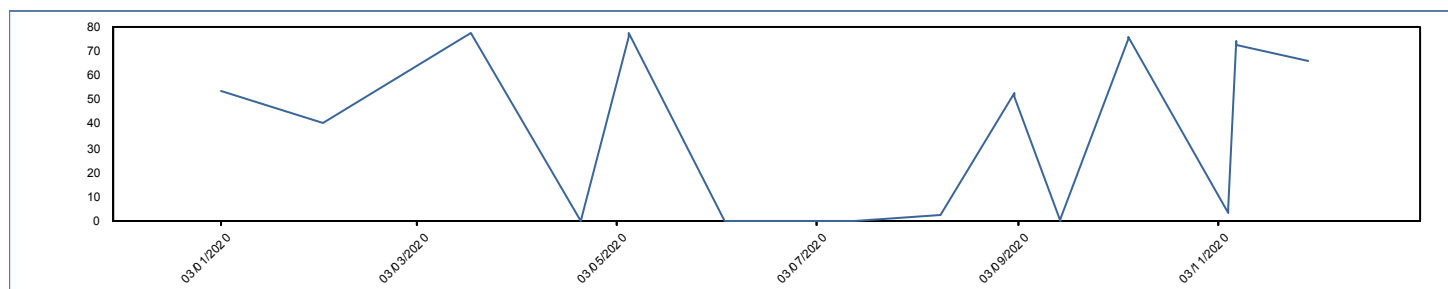
LC01B

Number of readings 24 Number of breaches 0



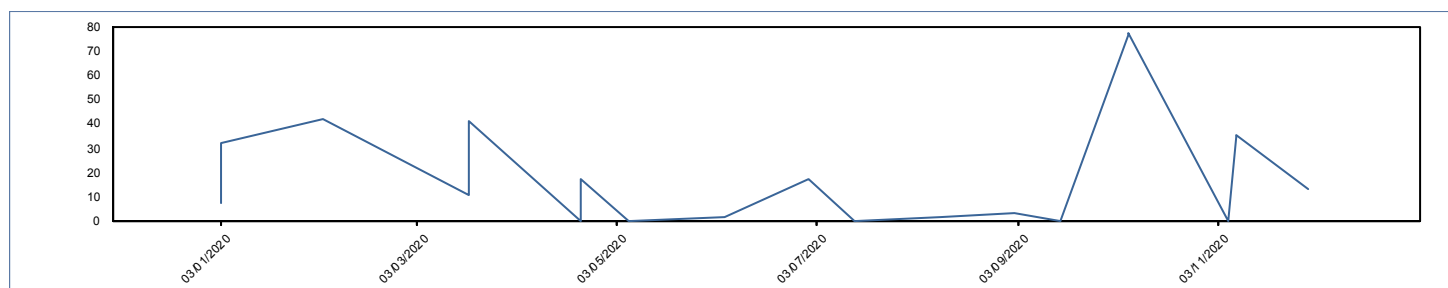
LM04B

Number of readings 28 Number of breaches 0



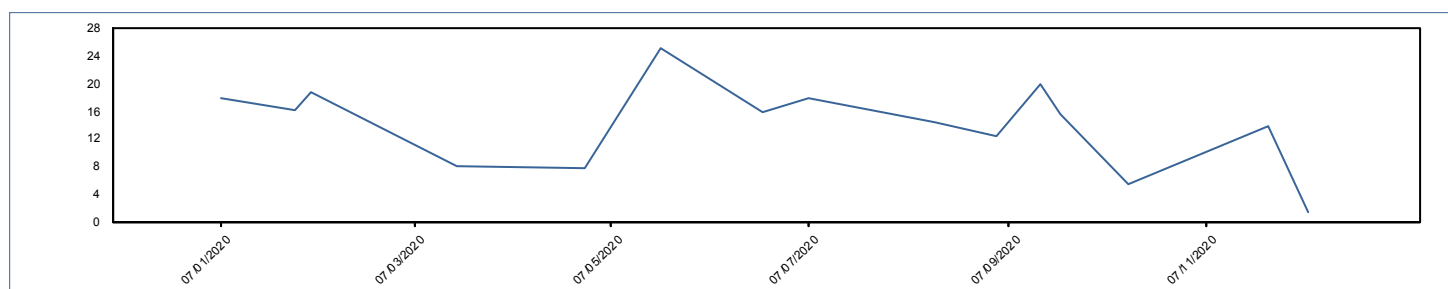
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

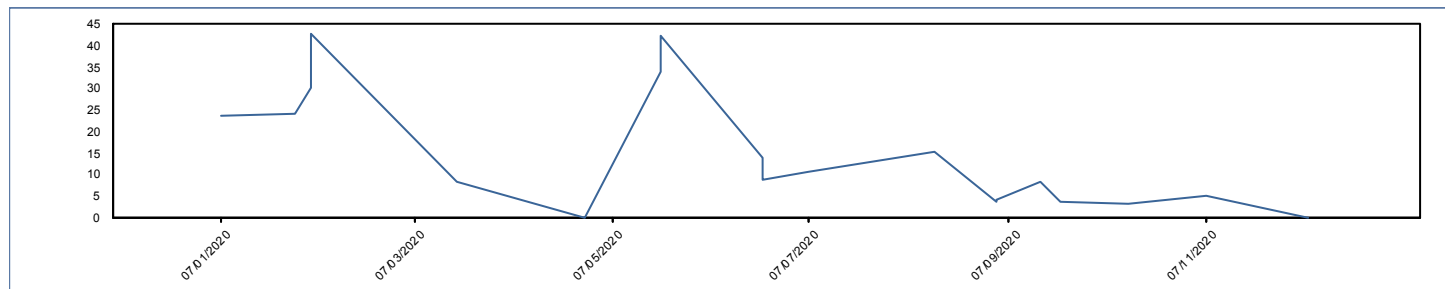
PBLFGXGW03

Number of readings

19

Number of breaches

0



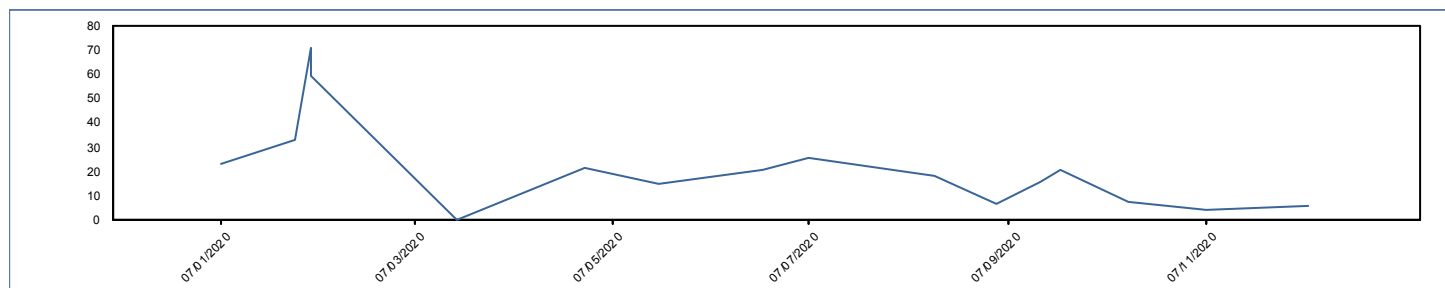
PBLFGXGW07

Number of readings

17

Number of breaches

0



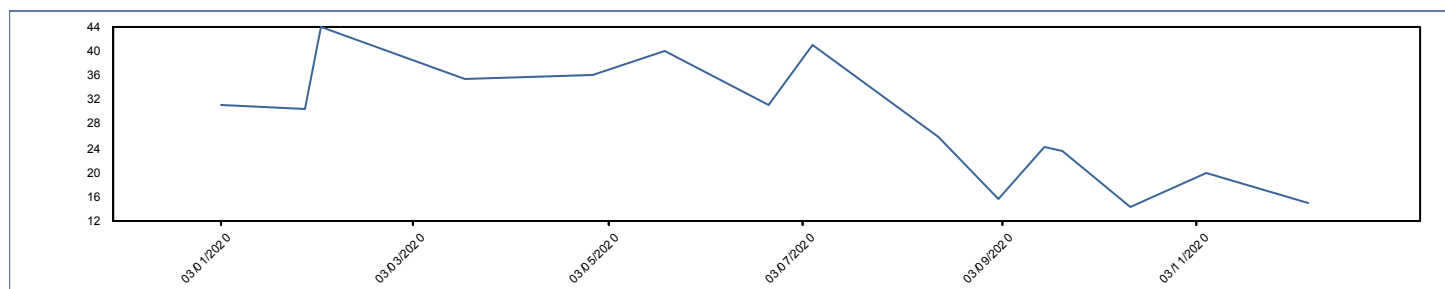
PBLFGXGW18

Number of readings

15

Number of breaches

0



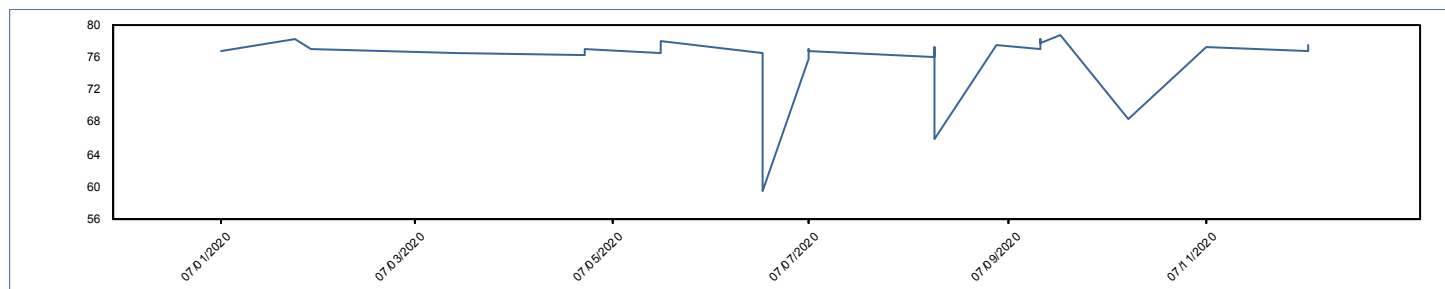
PBLFGXGW28

Number of readings

29

Number of breaches

0



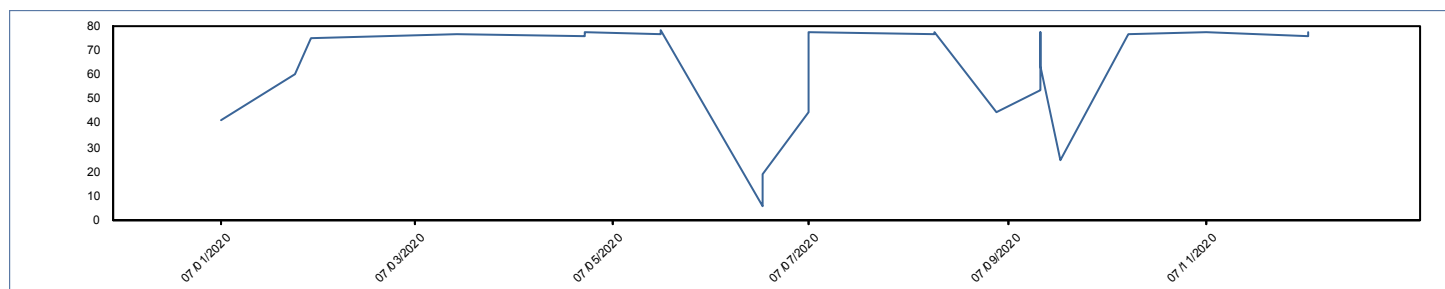
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

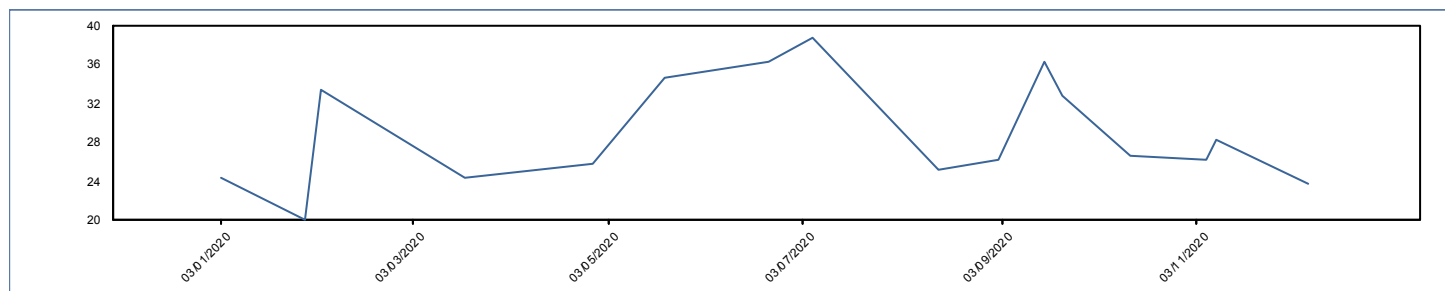
PBLFGXGW30

Number of readings

16

Number of breaches

0



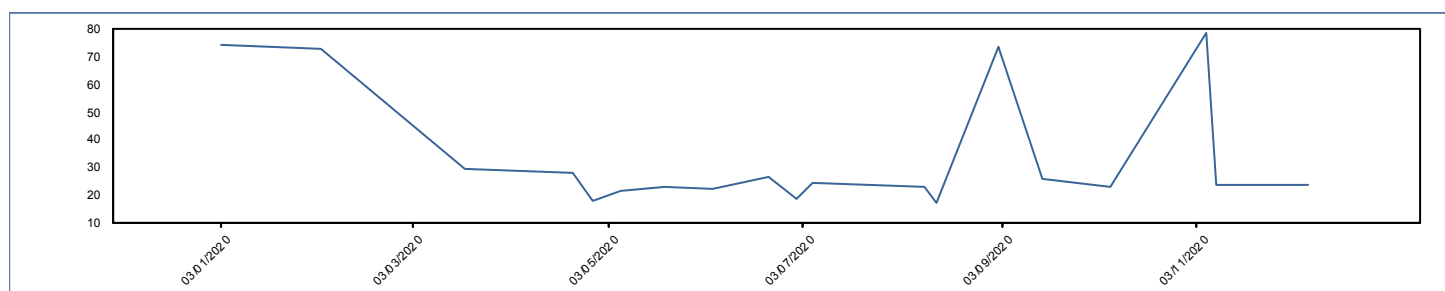
PYBFLARE

Number of readings

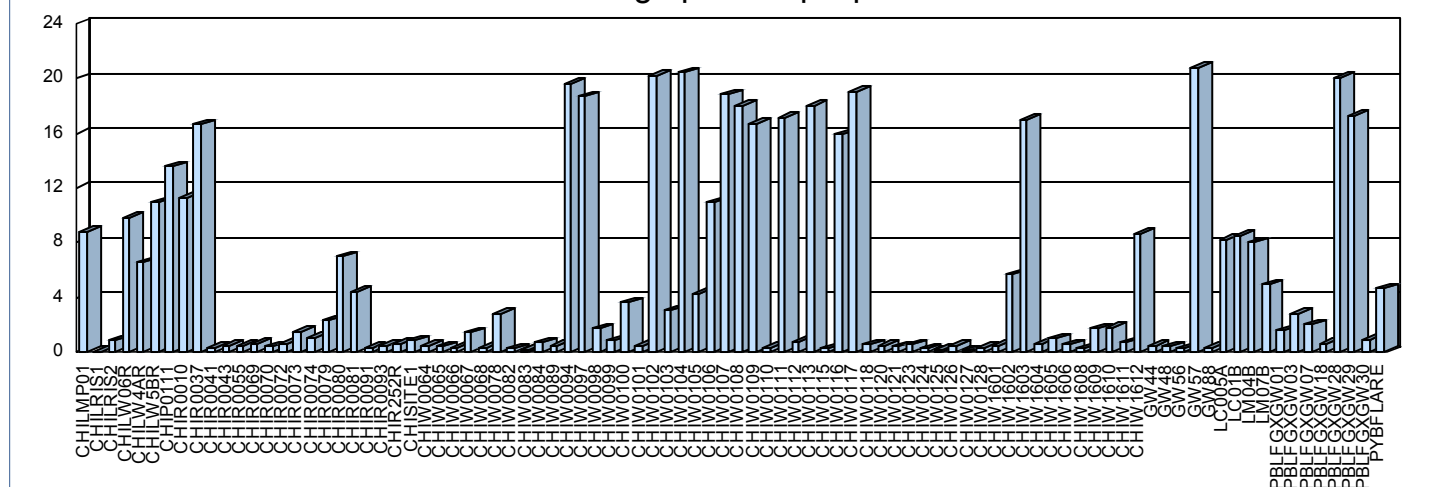
19

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.90	20.90	8.78	122.90	7.24	52.47	20.90
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	0.00	3.10	0.80	4.00	1.17	1.36	3.10
CHILW06R	28	0	0.10	20.90	9.86	276.10	8.39	70.46	20.90
CHILW4AR	27	0	0.00	20.50	6.55	176.80	7.95	63.14	20.40
CHILW5BR	29	0	0.00	20.90	10.90	316.10	6.14	37.66	20.90
CHIP0111	30	0	0.30	20.90	13.54	406.10	6.74	45.40	20.50

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0010	30	0	0.30	20.60	11.24	337.30	5.57	31.01	19.50
CHIR0037	31	0	10.00	20.40	16.62	515.10	3.46	11.98	20.30
CHIR0041	16	0	0.00	1.40	0.31	4.90	0.34	0.12	1.40
CHIR0043	15	0	0.00	3.50	0.49	7.40	0.85	0.72	3.50
CHIR0055	15	0	0.00	2.70	0.43	6.50	0.68	0.46	2.70
CHIR0069	15	0	0.00	1.60	0.61	9.20	0.48	0.23	1.60
CHIR0070	15	0	0.00	1.30	0.37	5.60	0.33	0.11	1.30
CHIR0072	16	0	0.00	2.20	0.59	9.50	0.57	0.33	2.20
CHIR0073	18	0	0.00	5.60	1.49	26.90	1.94	3.76	5.60
CHIR0074	15	0	0.10	2.60	1.01	15.20	0.75	0.56	2.60
CHIR0079	15	0	0.50	3.10	2.28	34.20	0.85	0.73	3.10
CHIR0080	23	0	0.00	18.20	7.00	160.90	7.48	55.97	18.20
CHIR0081	35	0	0.00	16.60	4.41	154.20	5.81	33.72	16.60
CHIR0091	17	0	0.00	1.40	0.28	4.70	0.34	0.12	1.40
CHIR0093	17	0	0.00	2.20	0.48	8.10	0.55	0.30	2.20
CHIR252R	14	0	0.10	1.60	0.60	8.40	0.45	0.20	1.60
CHISITE1	57	0	0.30	1.90	0.85	48.50	0.32	0.10	1.65
CHIW0064	15	0	0.00	3.40	0.42	6.30	0.83	0.69	3.40
CHIW0065	14	0	0.00	2.00	0.39	5.40	0.56	0.32	2.00
CHIW0066	16	0	0.00	1.90	0.27	4.30	0.46	0.21	1.90
CHIW0067	37	0	0.00	4.20	1.43	52.80	1.20	1.44	4.20
CHIW0068	16	0	0.00	1.20	0.35	5.60	0.30	0.09	1.20
CHIW0078	20	0	0.00	10.70	2.79	55.80	3.52	12.42	10.05
CHIW0082	19	0	0.00	1.00	0.24	4.50	0.32	0.10	1.00
CHIW0083	16	0	0.00	0.60	0.20	3.20	0.18	0.03	0.60
CHIW0084	14	0	0.00	3.10	0.69	9.60	0.86	0.74	3.10
CHIW0089	16	0	0.00	3.90	0.48	7.70	0.94	0.89	3.90
CHIW0094	34	0	17.20	20.90	19.65	668.10	0.89	0.79	20.90
CHIW0097	34	0	10.00	20.90	18.65	634.10	1.89	3.56	20.80

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0098	16	0	0.30	2.90	1.72	27.50	0.77	0.59	2.90
CHIW0099	16	0	0.00	10.50	0.84	13.50	2.51	6.30	10.50
CHIW0100	22	0	0.10	11.50	3.57	78.60	3.43	11.77	11.50
CHIW0101	16	0	0.00	1.60	0.43	6.90	0.45	0.20	1.60
CHIW0102	39	0	19.20	20.90	20.21	788.30	0.52	0.27	20.90
CHIW0103	24	0	0.00	20.90	3.01	72.30	6.80	46.21	20.90
CHIW0104	30	0	18.00	20.90	20.41	612.40	0.75	0.56	20.90
CHIW0105	24	0	0.10	10.70	4.30	103.20	3.15	9.90	10.00
CHIW0106	26	0	0.30	20.80	10.92	283.80	8.50	72.25	20.75
CHIW0107	25	0	0.90	20.90	18.82	470.50	4.66	21.68	20.90
CHIW0108	25	0	9.60	20.90	18.01	450.20	3.06	9.38	20.90
CHIW0109	25	0	6.50	20.90	16.70	417.40	4.20	17.67	20.90
CHIW0110	15	0	0.00	1.00	0.27	4.10	0.26	0.07	1.00
CHIW0111	28	0	10.10	19.50	17.16	480.50	1.71	2.92	19.10
CHIW0112	15	0	0.20	2.10	0.77	11.50	0.46	0.21	2.10
CHIW0113	20	0	15.40	20.40	18.03	360.50	1.75	3.08	20.20
CHIW0115	16	0	0.00	0.60	0.23	3.60	0.16	0.03	0.60
CHIW0116	26	0	14.60	20.10	15.92	413.80	1.19	1.42	19.35
CHIW0117	32	0	17.90	20.10	19.07	610.10	0.64	0.41	20.00
CHIW0118	16	0	0.00	1.90	0.53	8.50	0.51	0.26	1.90
CHIW0120	14	0	0.00	1.70	0.46	6.50	0.48	0.23	1.70
CHIW0121	15	0	0.00	1.00	0.39	5.80	0.35	0.12	1.00
CHIW0123	18	0	0.00	4.50	0.54	9.80	0.99	0.98	4.50
CHIW0124	17	0	0.00	1.40	0.26	4.50	0.34	0.12	1.40
CHIW0125	20	0	0.00	0.90	0.16	3.20	0.22	0.05	0.70
CHIW0126	17	0	0.00	2.40	0.49	8.40	0.59	0.35	2.40
CHIW0127	15	0	0.00	0.30	0.08	1.20	0.10	0.01	0.30
CHIW0128	19	0	0.00	1.40	0.30	5.70	0.39	0.15	1.40
CHIW1601	15	0	0.00	1.30	0.45	6.80	0.35	0.13	1.30

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1602	25	0	0.00	17.60	5.63	140.70	5.72	32.76	16.50
CHIW1603	8	0	0.20	20.90	16.96	135.70	7.17	51.35	20.90
CHIW1604	17	0	0.20	1.60	0.64	10.90	0.35	0.12	1.60
CHIW1605	16	0	0.50	2.00	0.98	15.60	0.34	0.12	2.00
CHIW1606	16	0	0.10	1.80	0.53	8.50	0.50	0.25	1.80
CHIW1608	15	0	0.00	0.60	0.21	3.20	0.21	0.04	0.60
CHIW1609	20	0	0.00	5.90	1.71	34.20	2.16	4.65	5.90
CHIW1610	15	0	0.00	4.20	1.78	26.70	1.03	1.06	4.20
CHIW1611	16	0	0.10	1.90	0.68	10.80	0.38	0.15	1.90
CHIW1612	24	0	0.00	19.10	8.66	207.80	6.67	44.42	19.00
GW44	14	0	0.00	2.00	0.41	5.80	0.67	0.45	2.00
GW48	16	0	0.00	1.80	0.38	6.00	0.45	0.20	1.80
GW56	17	0	0.00	1.60	0.26	4.50	0.45	0.20	1.60
GW57	30	0	20.00	20.90	20.76	622.70	0.25	0.06	20.90
GW88	16	0	0.00	1.50	0.32	5.10	0.40	0.16	1.50
LC005A	29	0	0.00	20.90	8.19	237.60	6.13	37.57	20.60
LC01B	24	0	0.10	18.80	8.47	203.20	4.24	17.94	15.50
LM04B	28	0	0.00	20.70	8.00	223.90	8.36	69.92	20.50
LM07B	25	0	0.00	20.60	4.94	123.40	5.69	32.39	20.40
PBLFGXGW01	15	0	0.00	4.90	1.55	23.20	1.36	1.86	4.90
PBLFGXGW03	19	0	0.30	11.20	2.81	53.30	3.17	10.04	11.20
PBLFGXGW07	17	0	0.00	17.70	1.99	33.90	4.64	21.52	17.70
PBLFGXGW18	15	0	0.00	2.50	0.57	8.50	0.67	0.45	2.50
PBLFGXGW28	29	0	13.40	20.90	20.03	580.90	1.90	3.60	20.90
PBLFGXGW29	28	0	0.00	20.90	17.24	482.70	5.89	34.75	20.90
PBLFGXGW30	16	0	0.00	3.50	0.93	14.80	0.89	0.79	3.50
PYBFLARE	19	0	0.40	20.90	4.61	87.60	7.32	53.64	20.90
Total	1,884	0	0.00	20.90	6.74	12,696.30	8.24	67.84	20.90

Data from: 1 Jan 2020 to: 31 Dec 2020

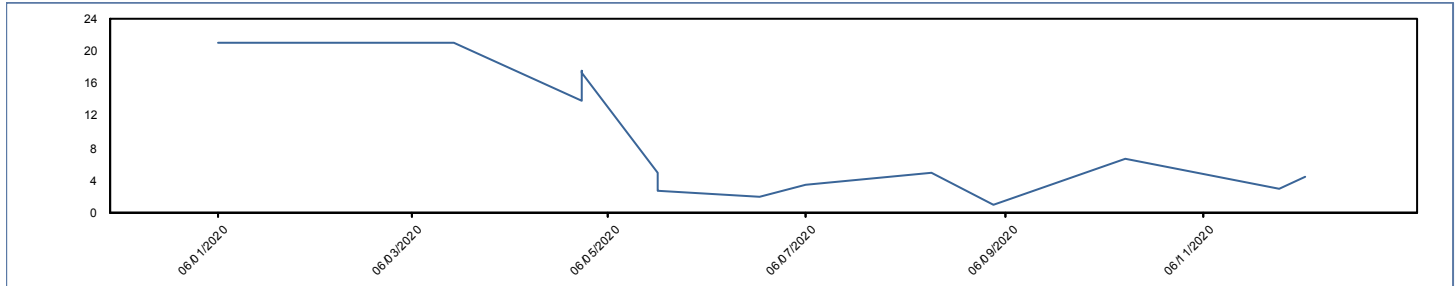
CHILMP01

Number of readings

14

Number of breaches

0



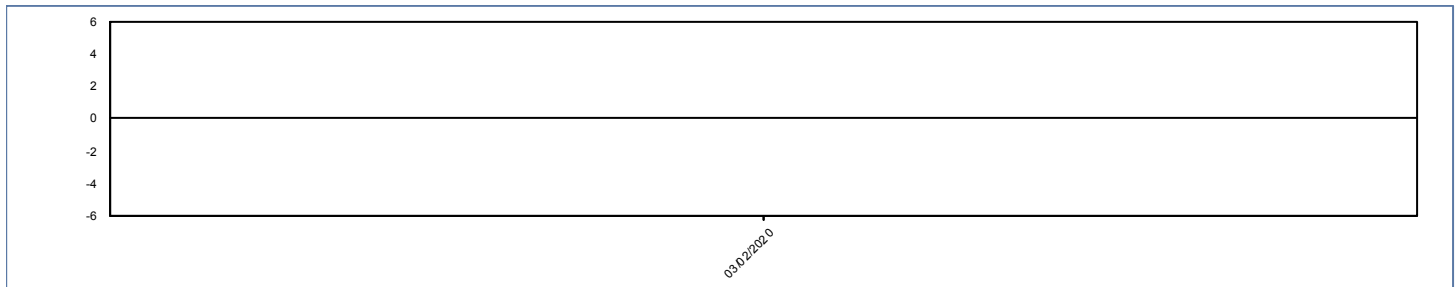
CHILRIS1

Number of readings

1

Number of breaches

0



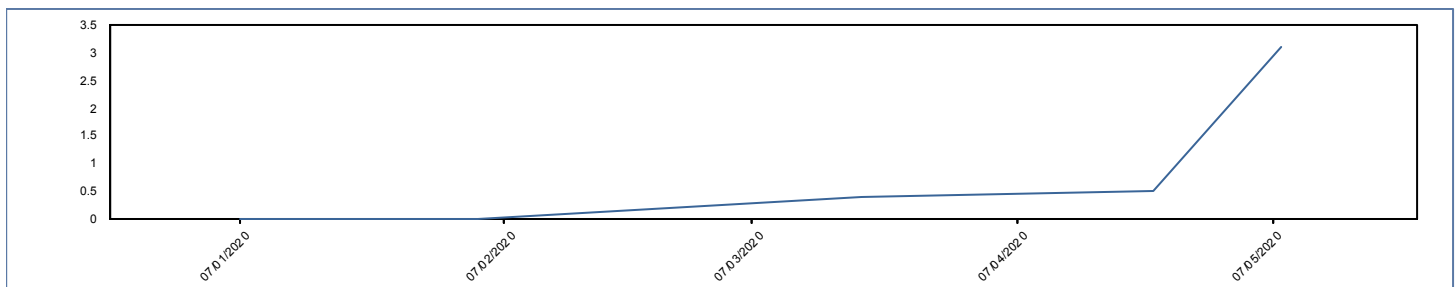
CHILRIS2

Number of readings

5

Number of breaches

0



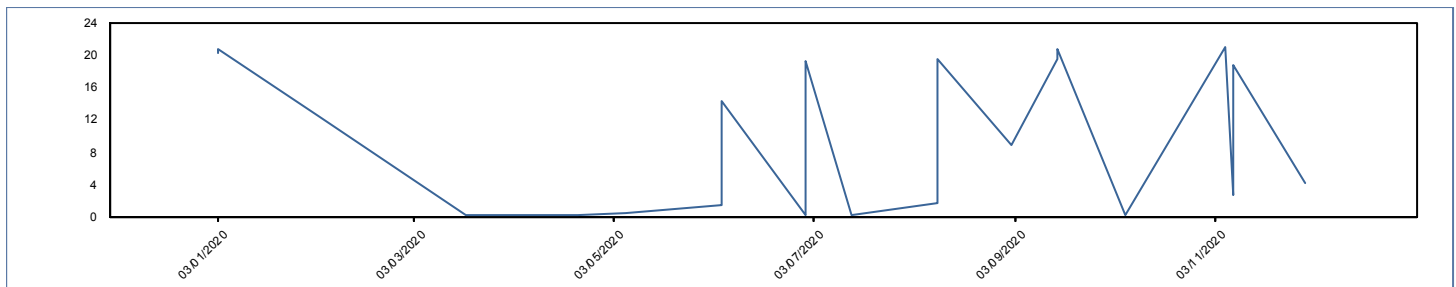
CHILW06R

Number of readings

28

Number of breaches

0



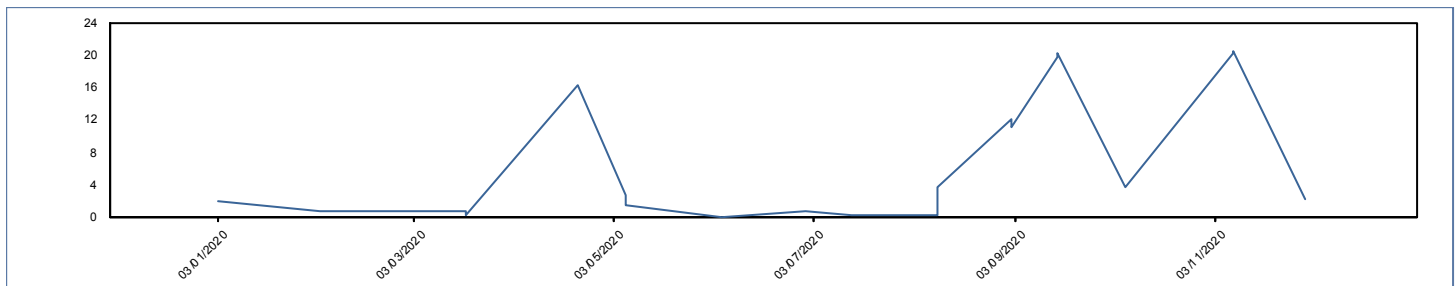
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

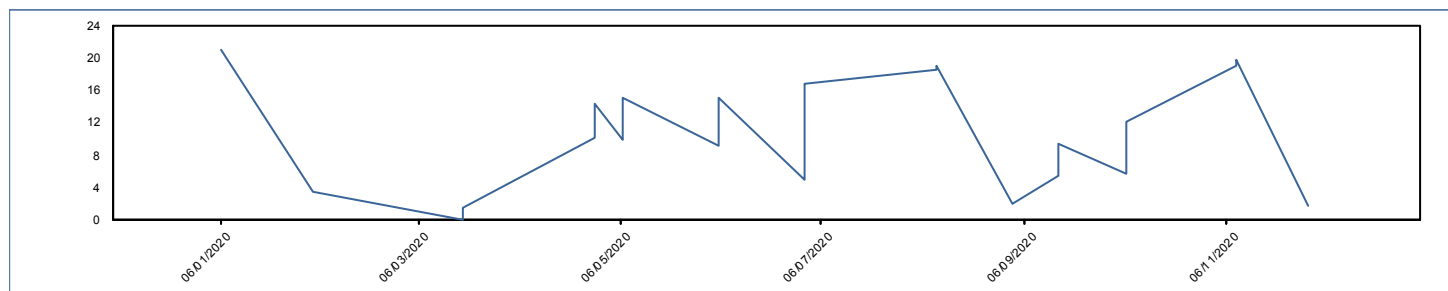
CHILW5BR

Number of readings

29

Number of breaches

0



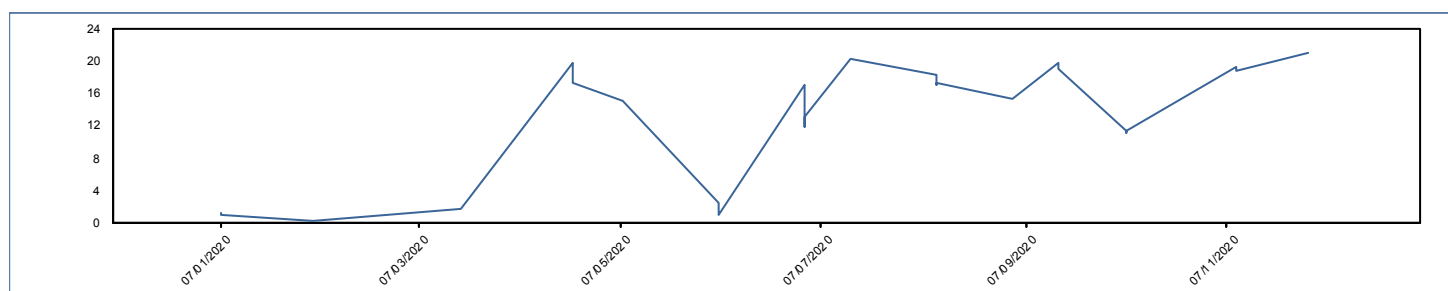
CHIP0111

Number of readings

30

Number of breaches

0



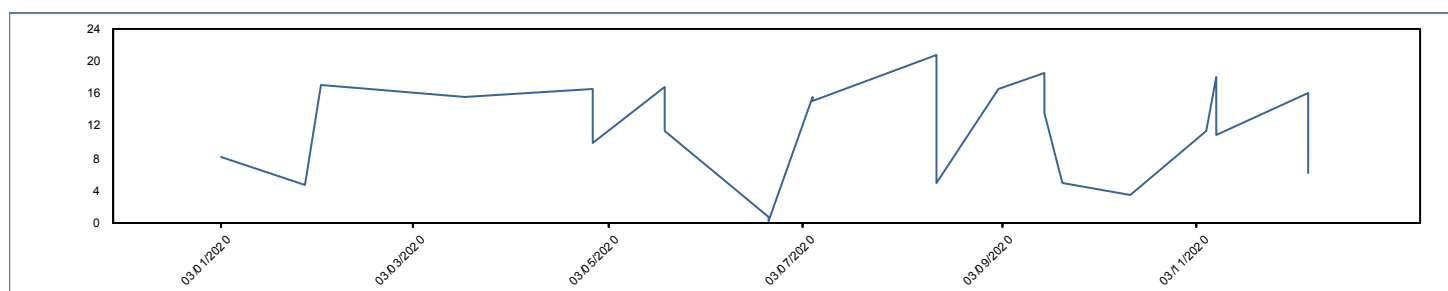
CHIR0010

Number of readings

30

Number of breaches

0



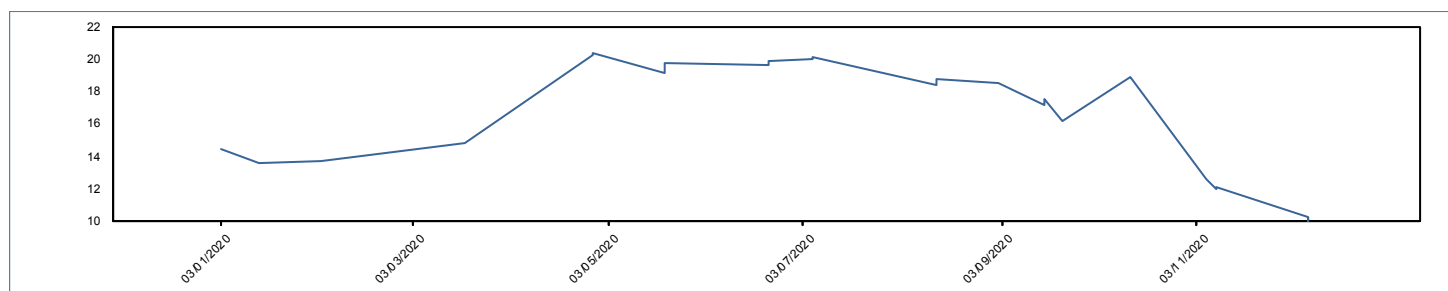
CHIR0037

Number of readings

31

Number of breaches

0



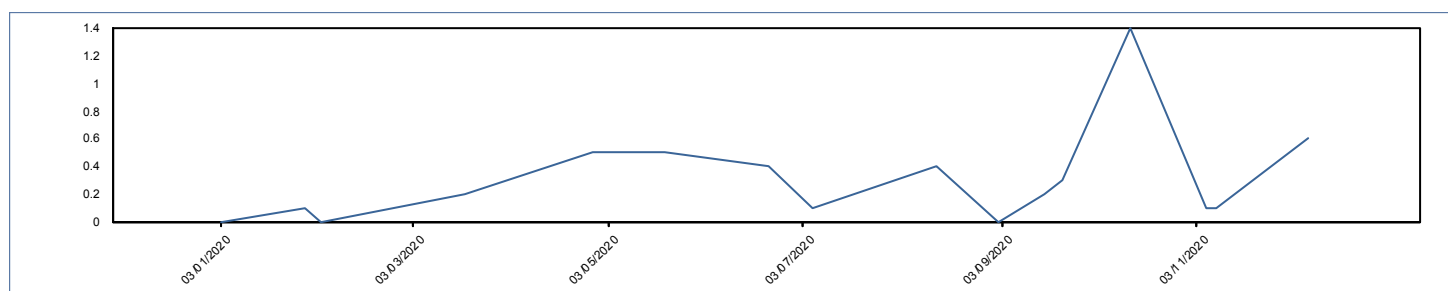
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

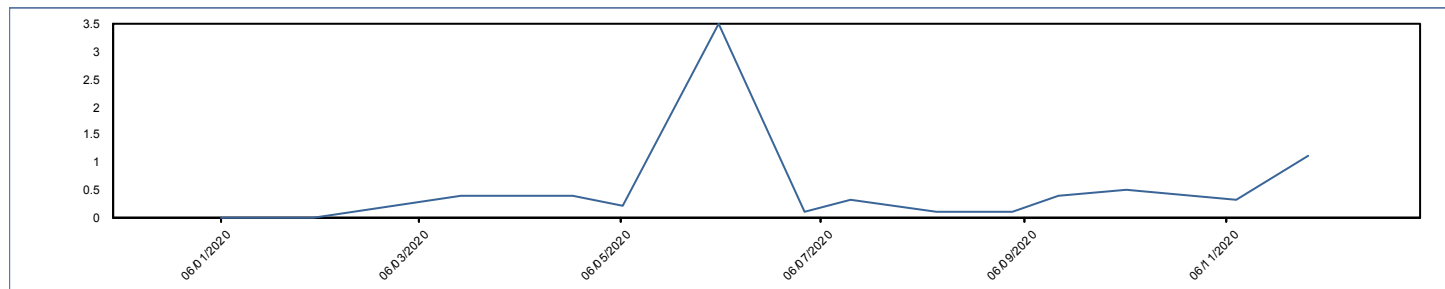
CHIR0043

Number of readings

15

Number of breaches

0



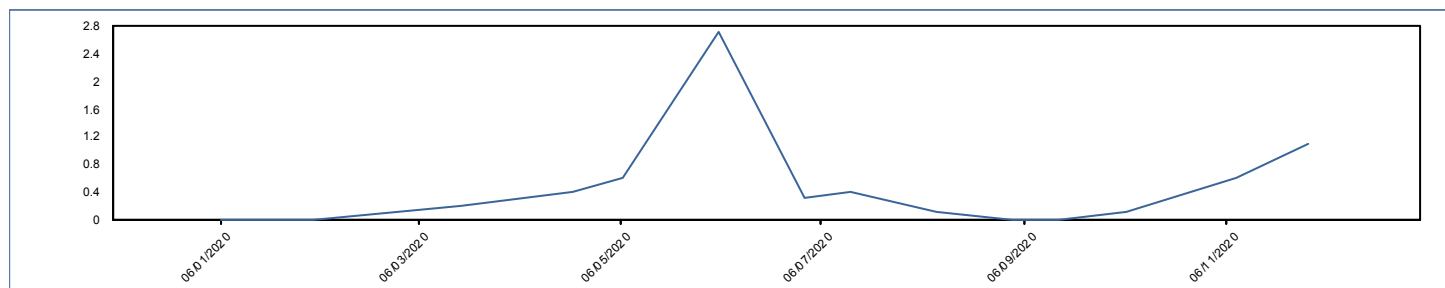
CHIR0055

Number of readings

15

Number of breaches

0



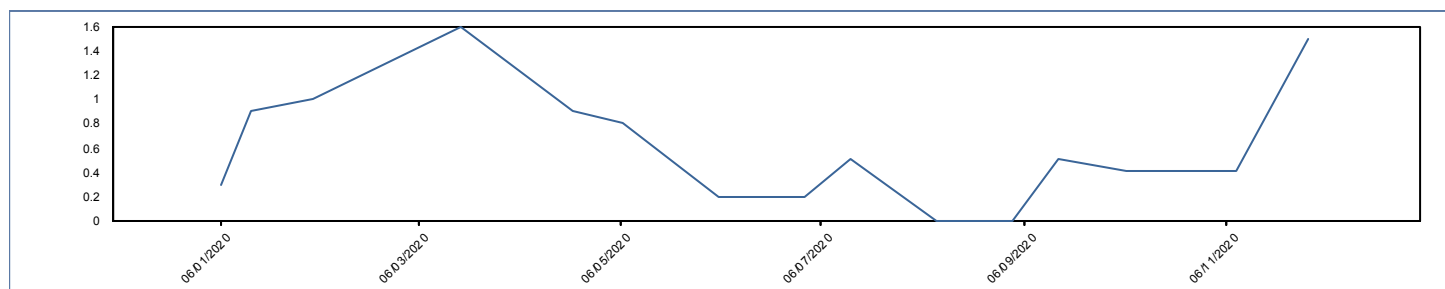
CHIR0069

Number of readings

15

Number of breaches

0



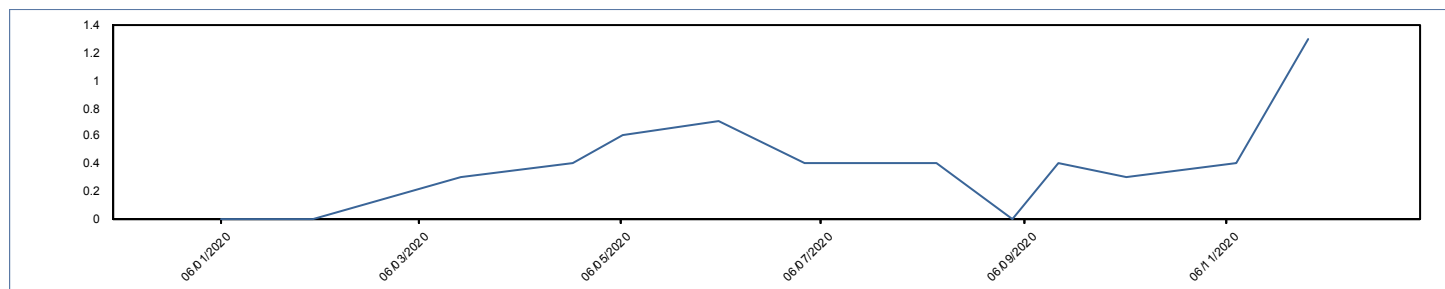
CHIR0070

Number of readings

15

Number of breaches

0



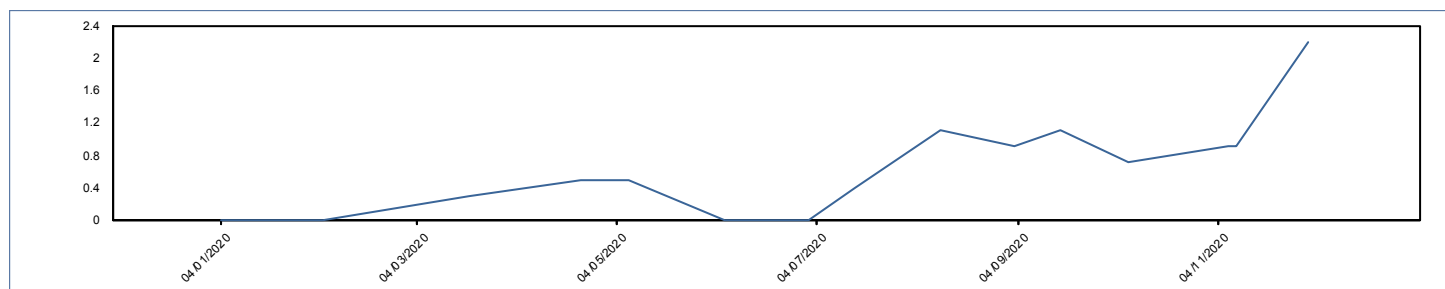
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

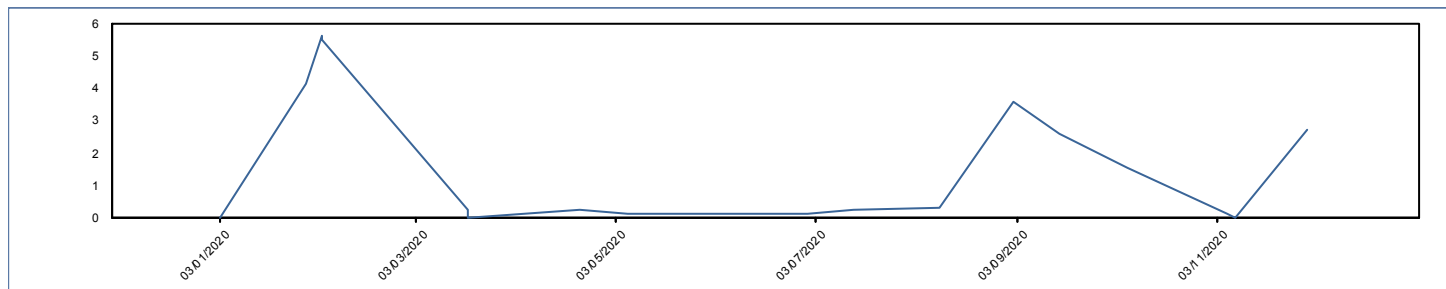
CHIR0073

Number of readings

18

Number of breaches

0



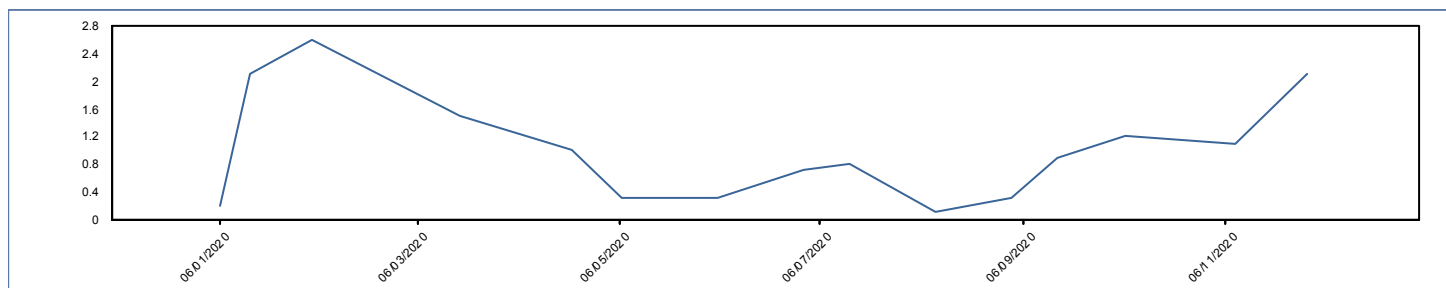
CHIR0074

Number of readings

15

Number of breaches

0



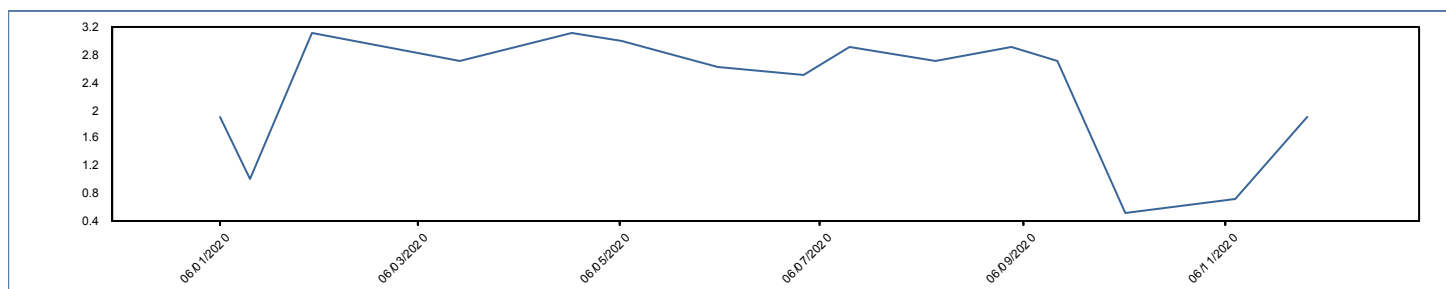
CHIR0079

Number of readings

15

Number of breaches

0



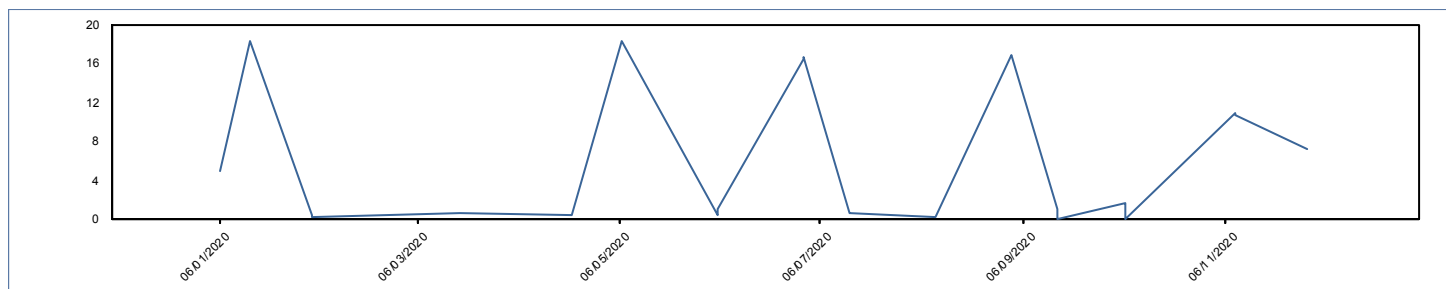
CHIR0080

Number of readings

23

Number of breaches

0



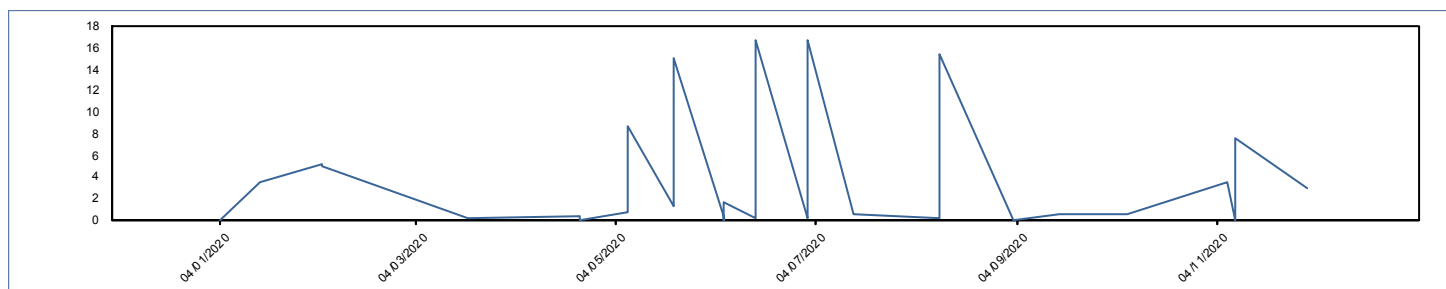
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

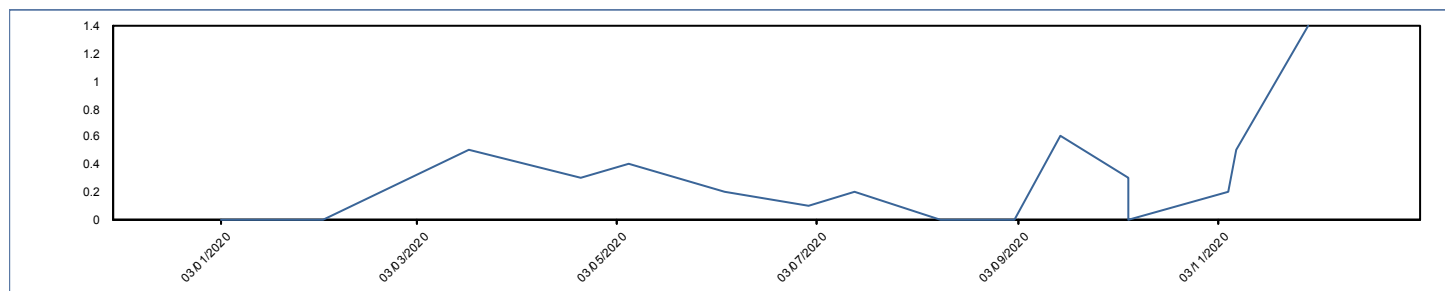
CHIR0091

Number of readings

17

Number of breaches

0



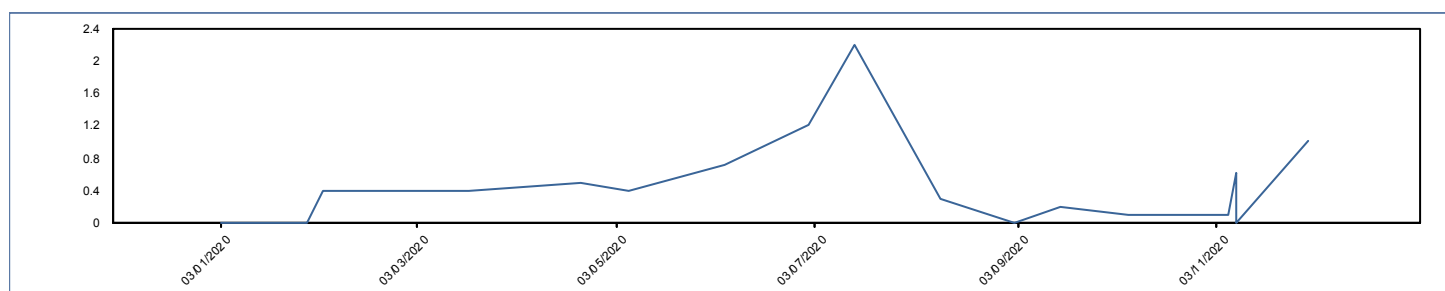
CHIR0093

Number of readings

17

Number of breaches

0



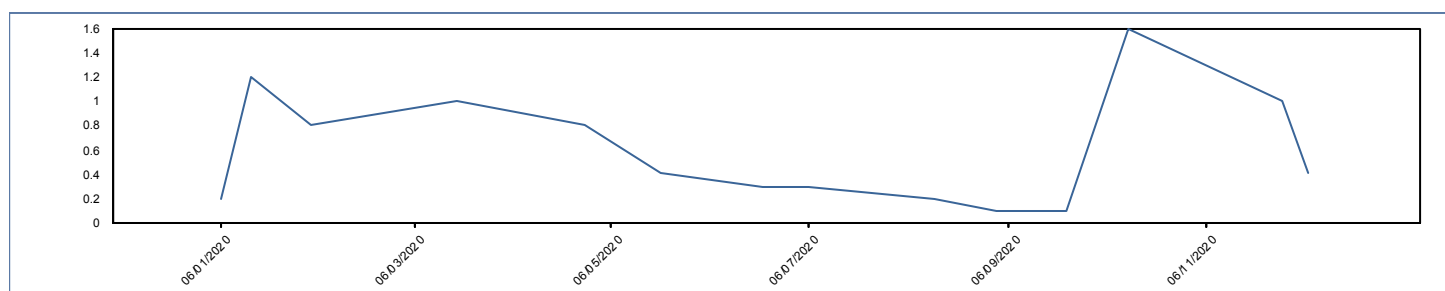
CHIR252R

Number of readings

14

Number of breaches

0



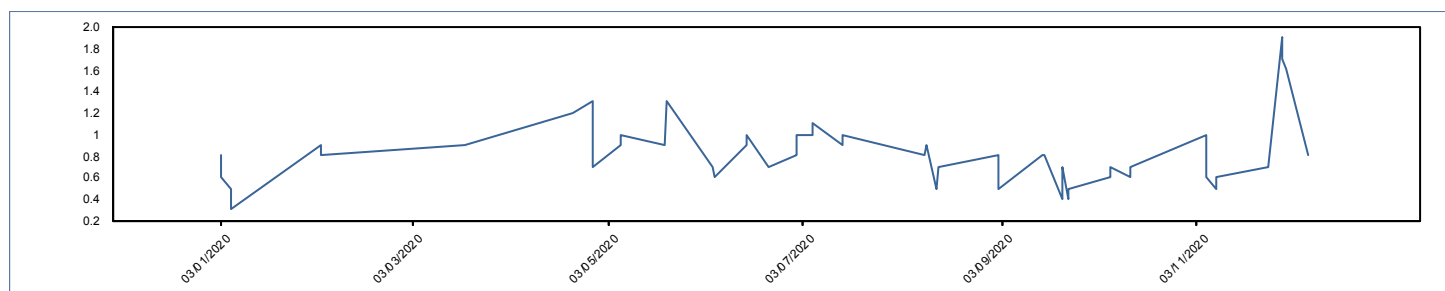
CHISITE1

Number of readings

57

Number of breaches

0



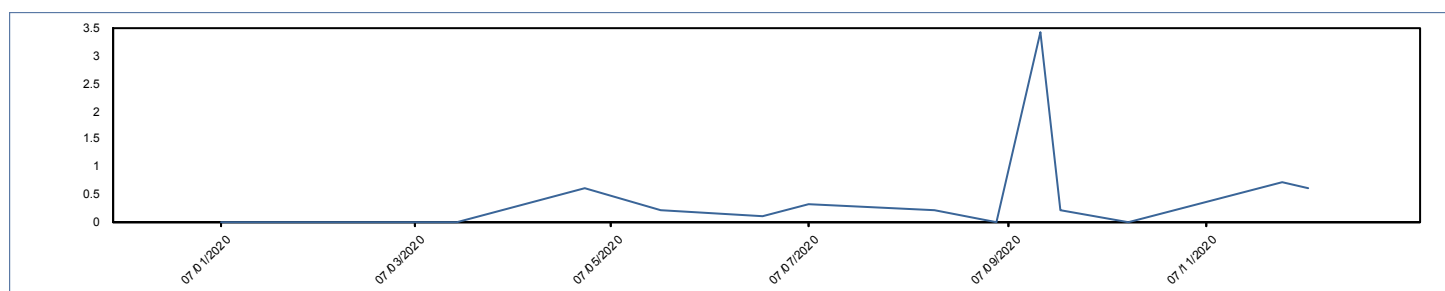
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

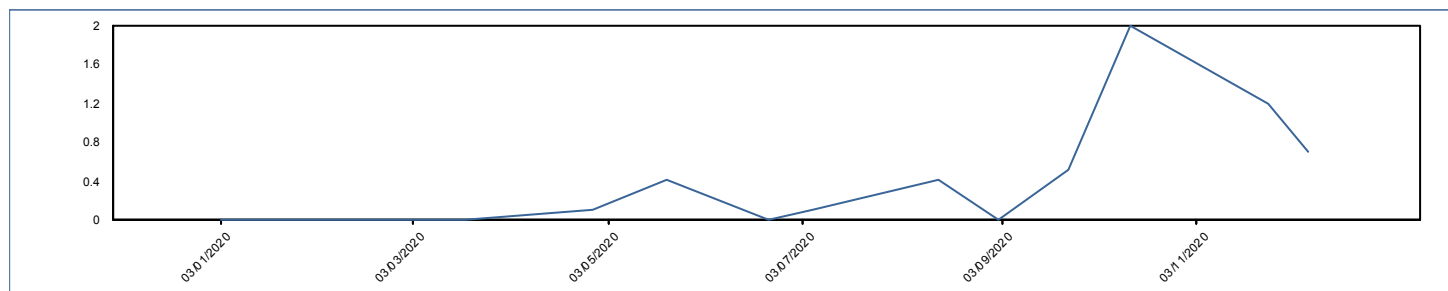
CHIW0065

Number of readings

14

Number of breaches

0



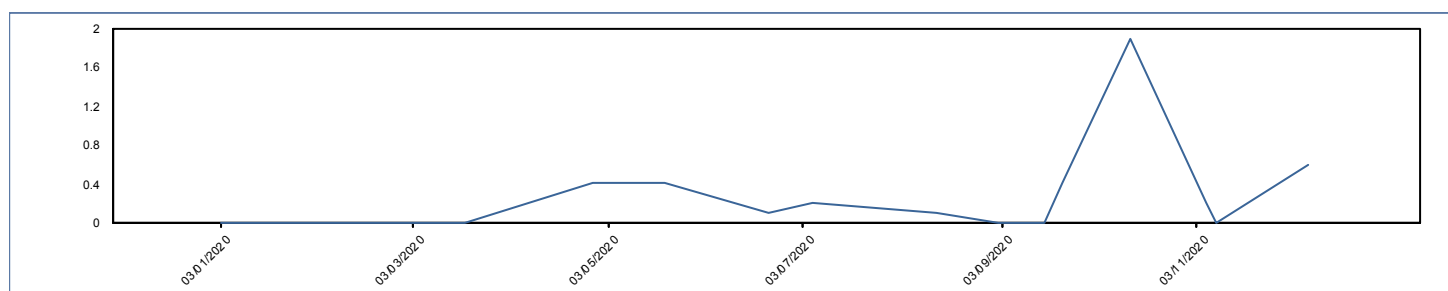
CHIW0066

Number of readings

16

Number of breaches

0



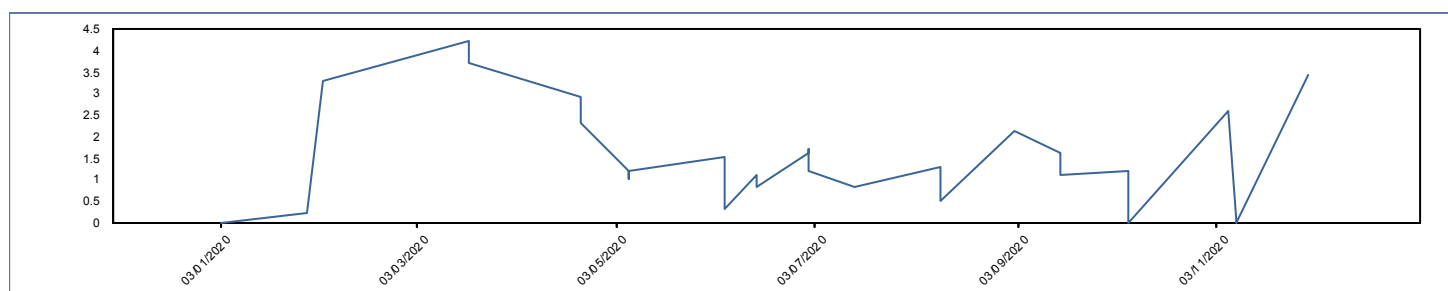
CHIW0067

Number of readings

37

Number of breaches

0



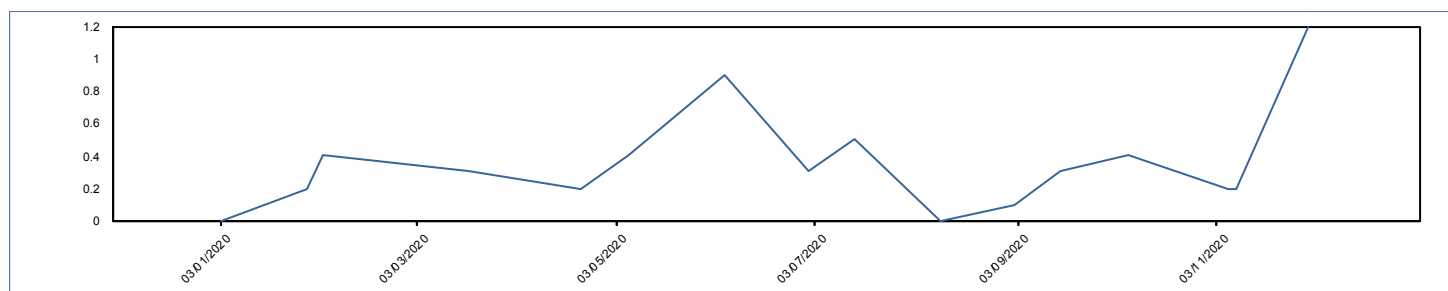
CHIW0068

Number of readings

16

Number of breaches

0



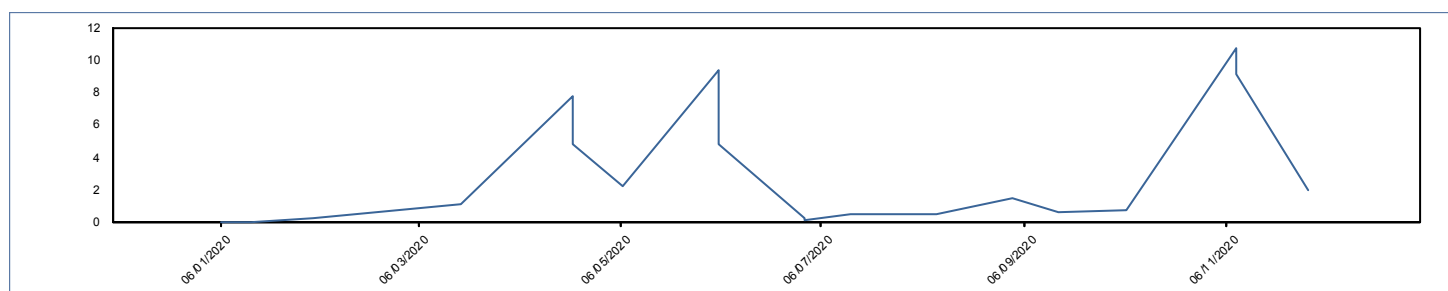
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

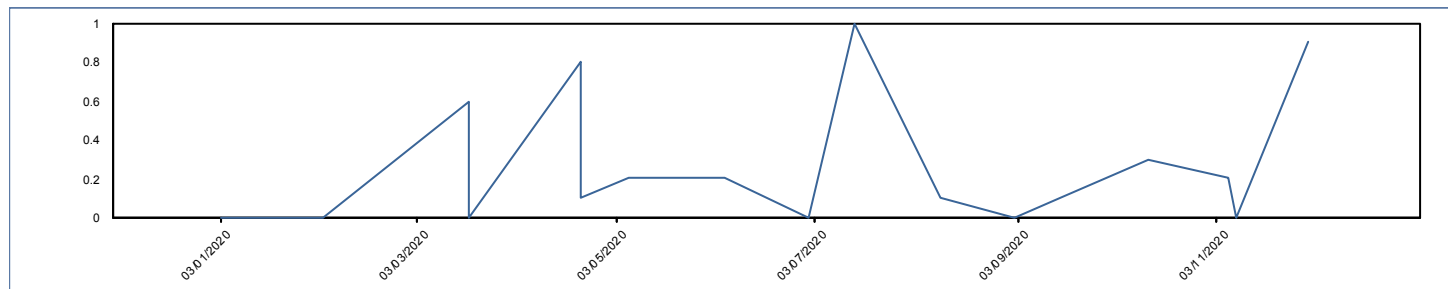
CHI0082

Number of readings

19

Number of breaches

0



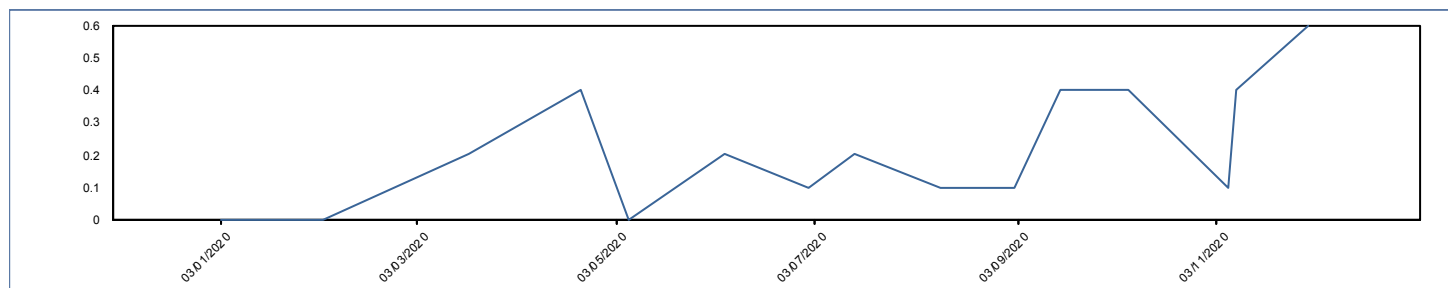
CHI0083

Number of readings

16

Number of breaches

0



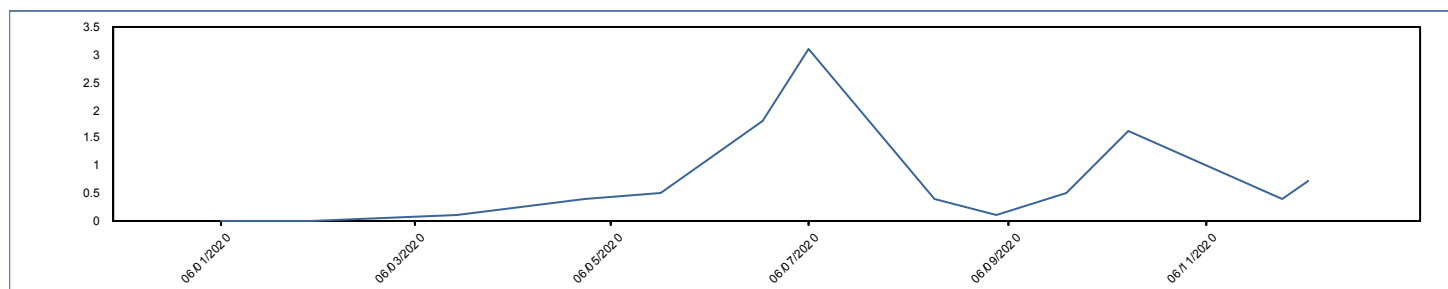
CHI0084

Number of readings

14

Number of breaches

0



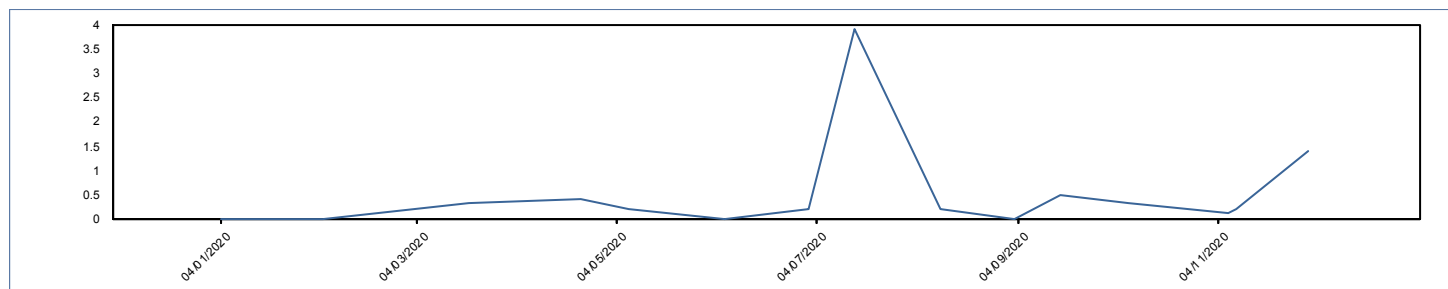
CHI0089

Number of readings

16

Number of breaches

0



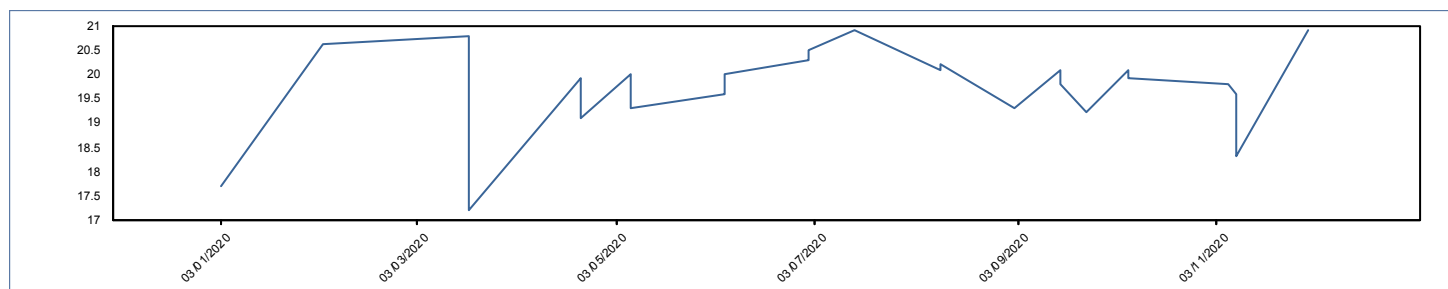
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

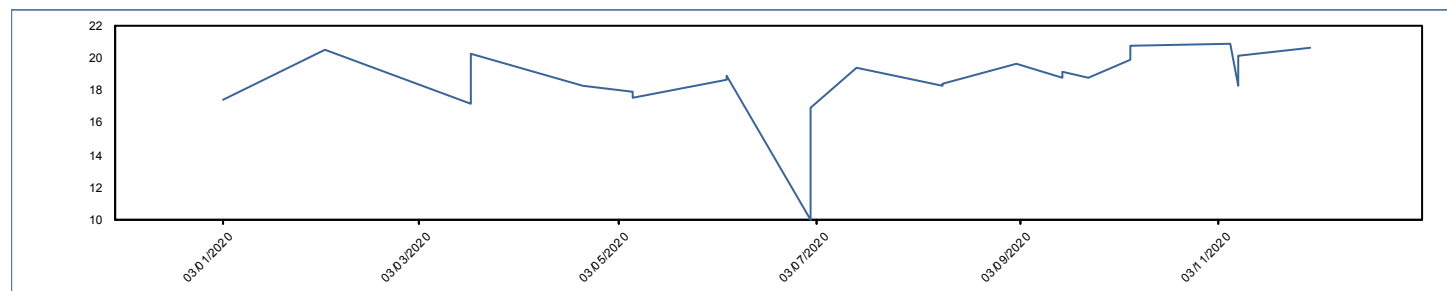
CHI0097

Number of readings

34

Number of breaches

0



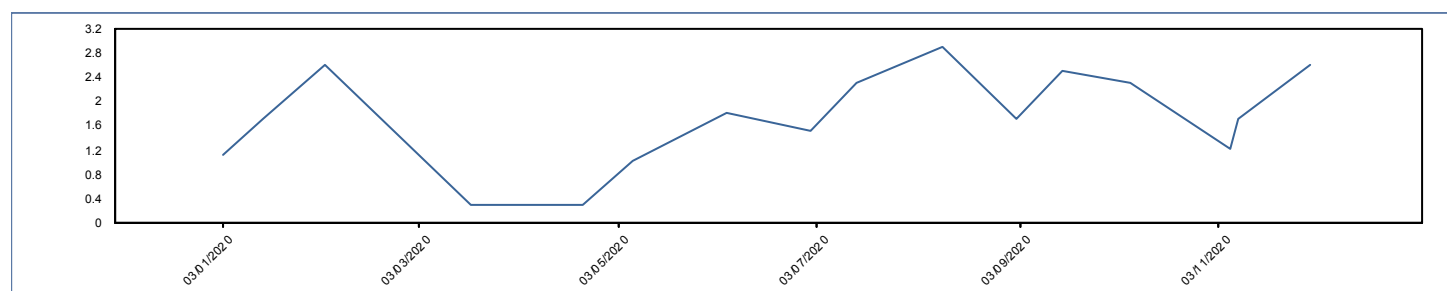
CHI0098

Number of readings

16

Number of breaches

0



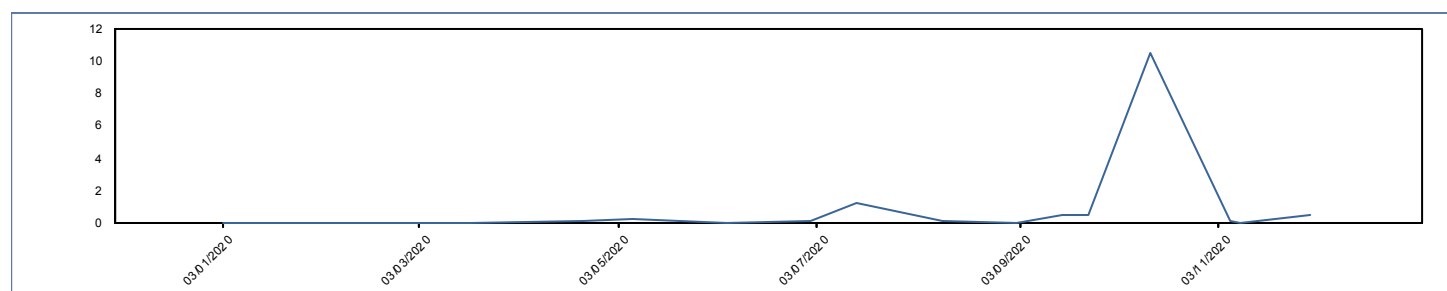
CHI0099

Number of readings

16

Number of breaches

0



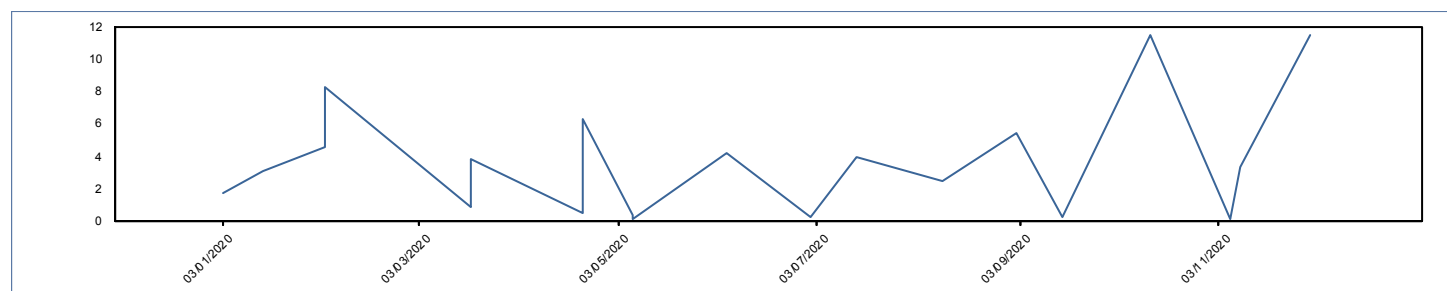
CHI0100

Number of readings

22

Number of breaches

0



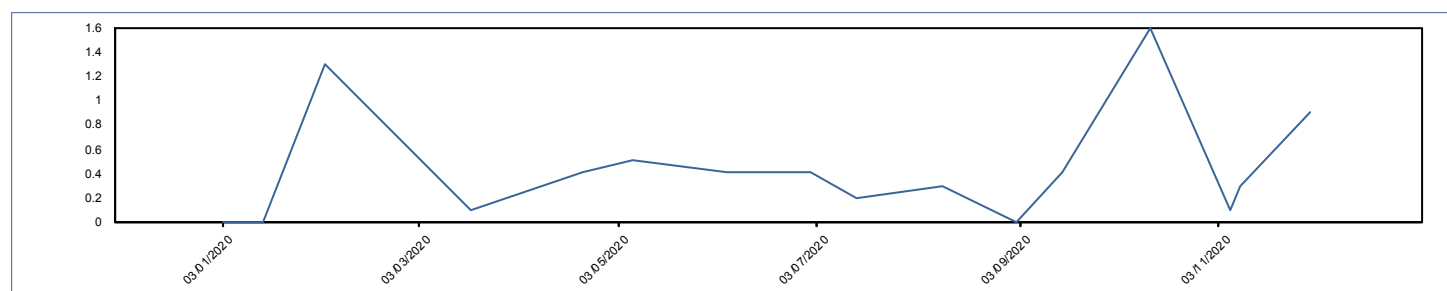
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

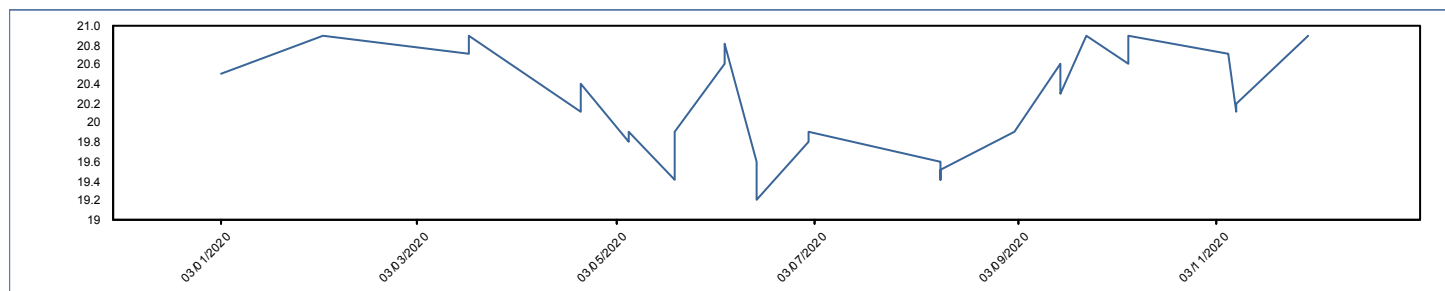
CHI0102

Number of readings

39

Number of breaches

0



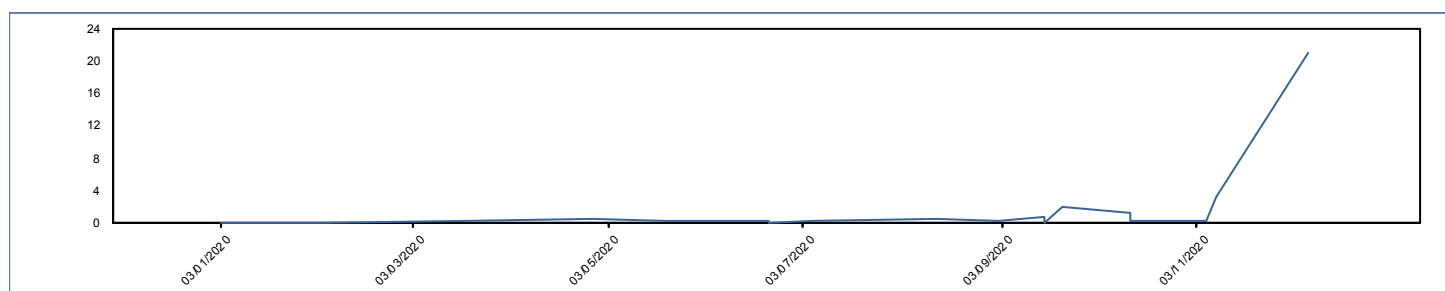
CHI0103

Number of readings

24

Number of breaches

0



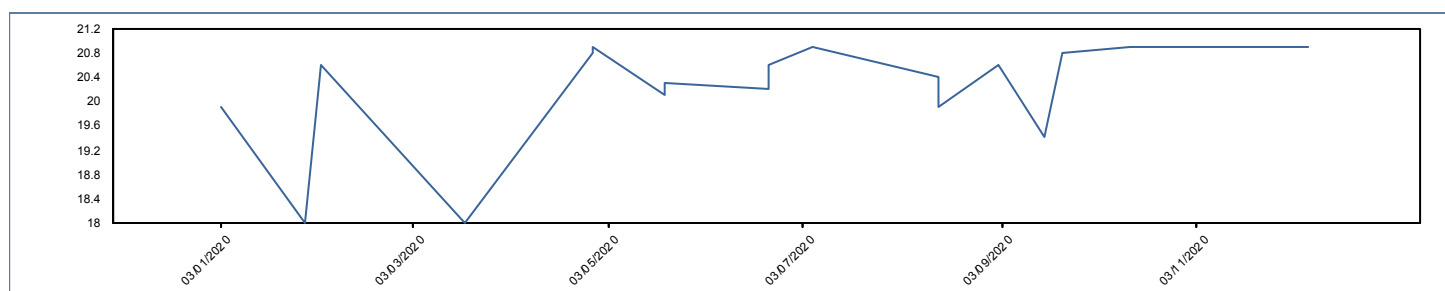
CHI0104

Number of readings

30

Number of breaches

0



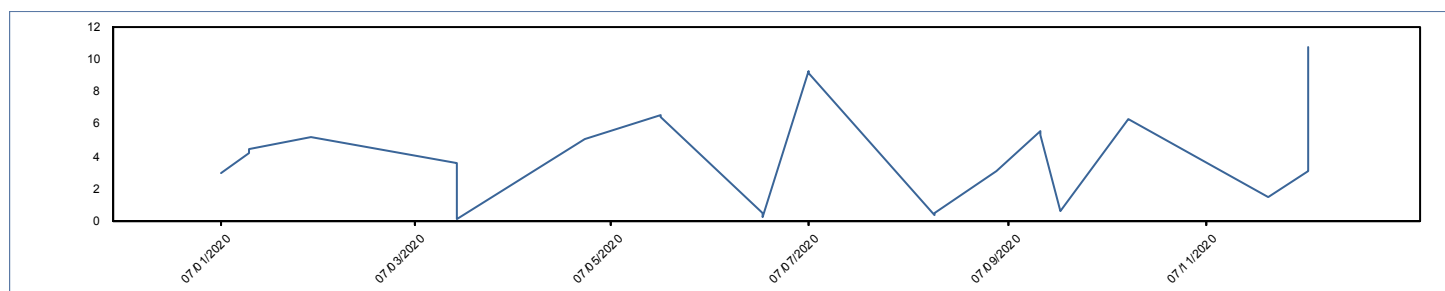
CHI0105

Number of readings

24

Number of breaches

0



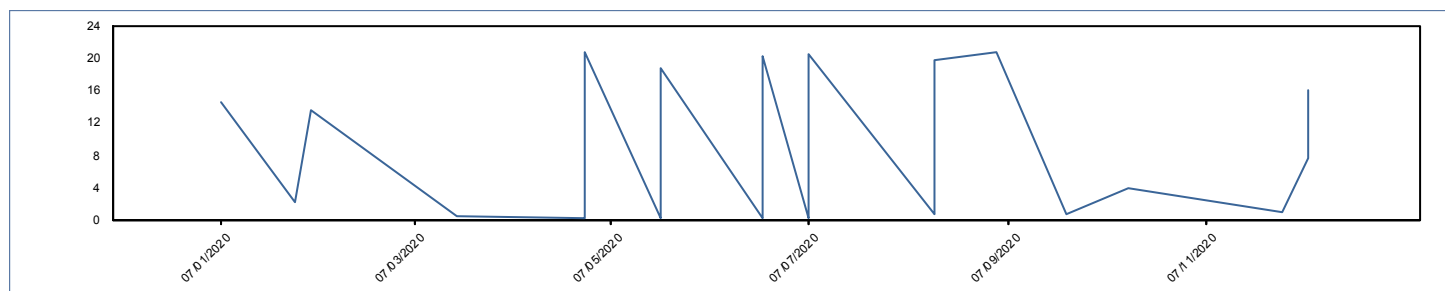
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

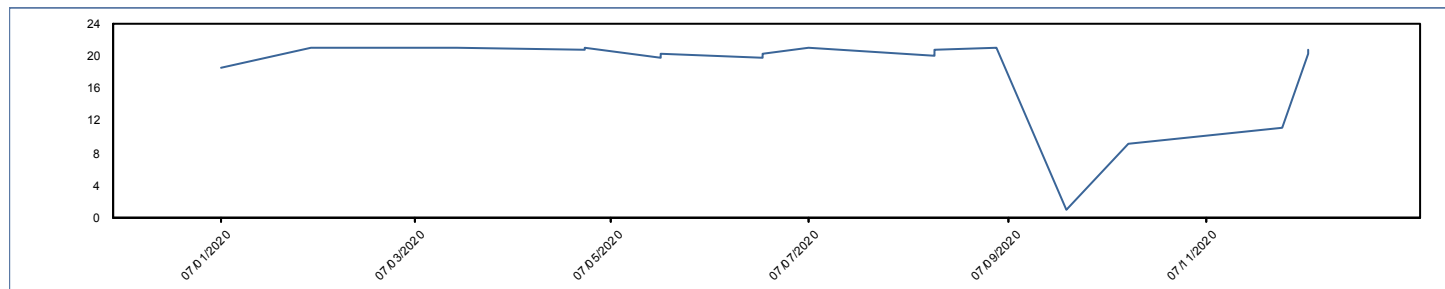
CHI0107

Number of readings

25

Number of breaches

0



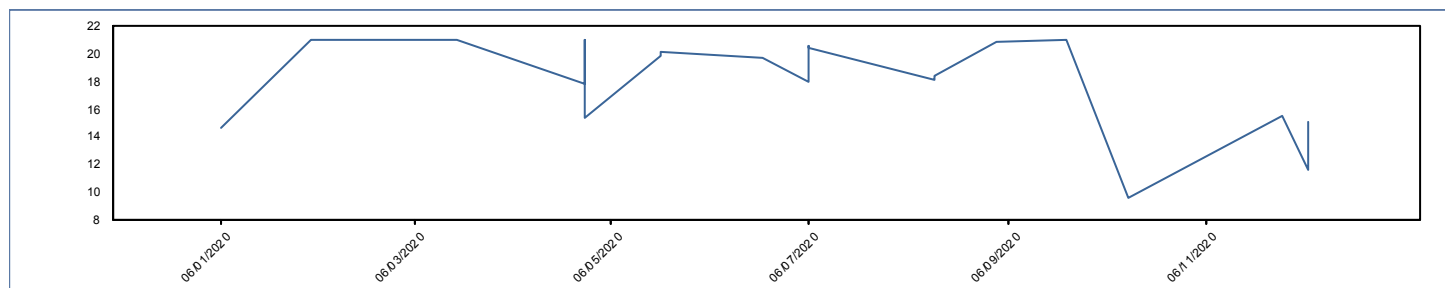
CHI0108

Number of readings

25

Number of breaches

0



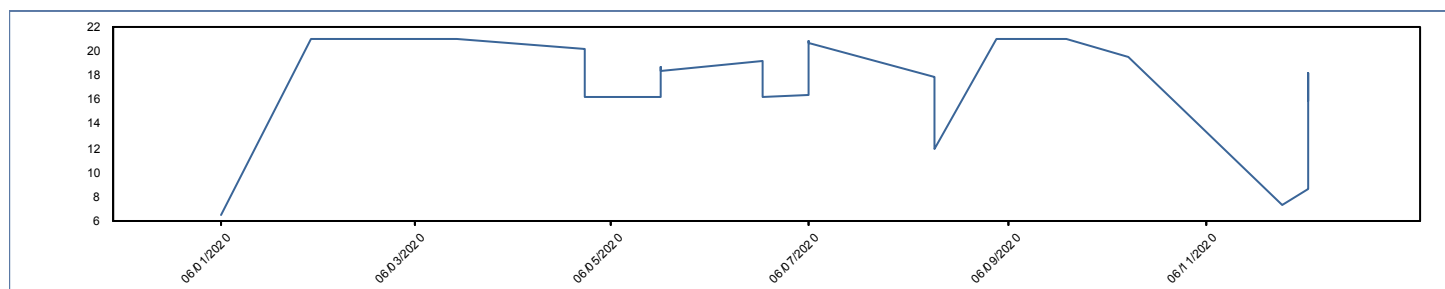
CHI0109

Number of readings

25

Number of breaches

0



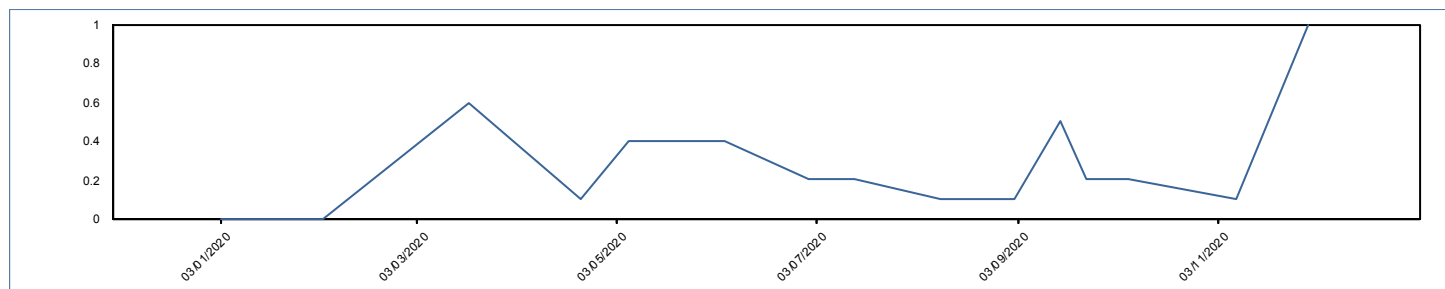
CHI0110

Number of readings

15

Number of breaches

0



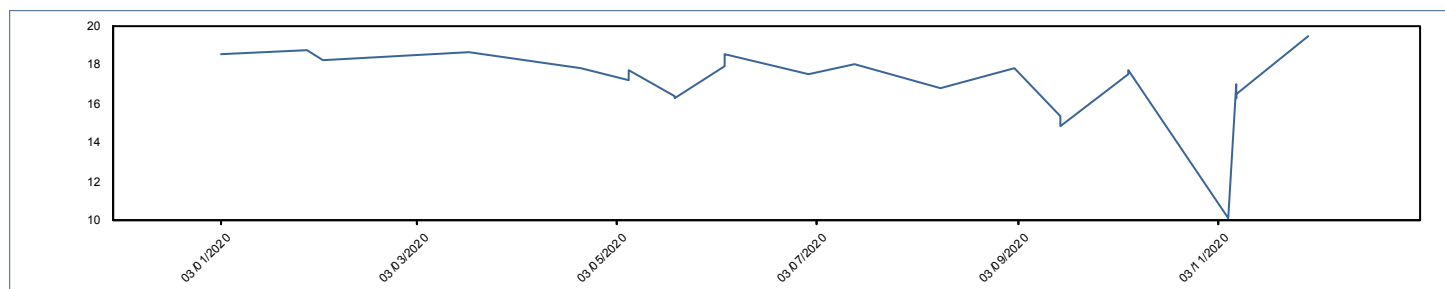
CHI0111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

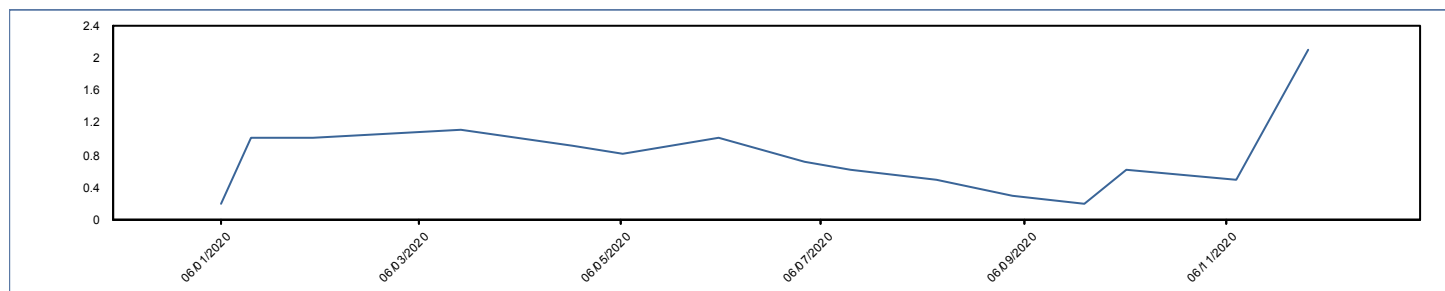
CHI0112

Number of readings

15

Number of breaches

0



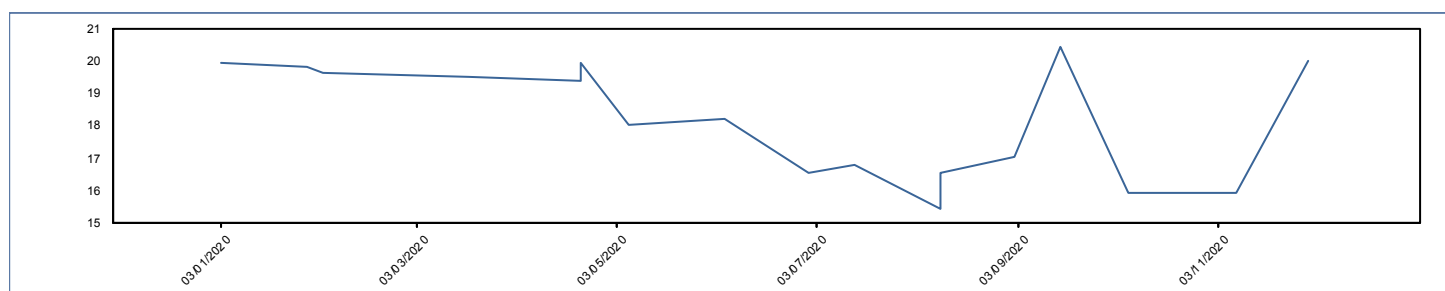
CHI0113

Number of readings

20

Number of breaches

0



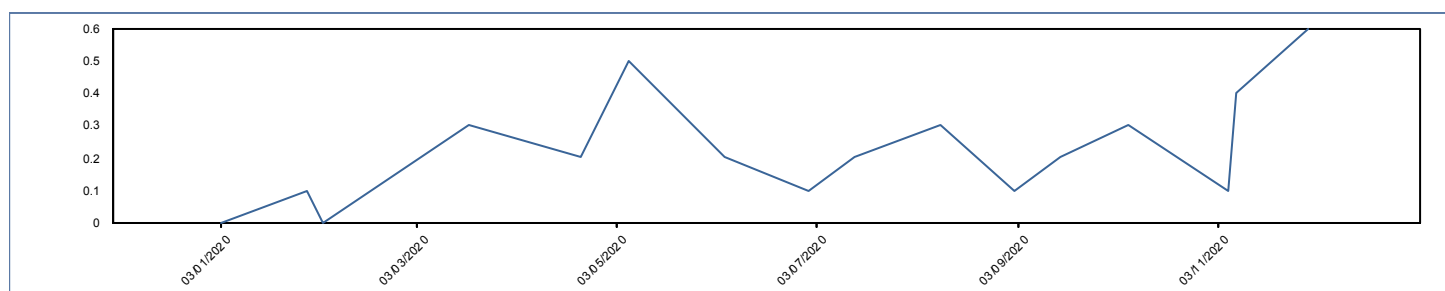
CHI0115

Number of readings

16

Number of breaches

0



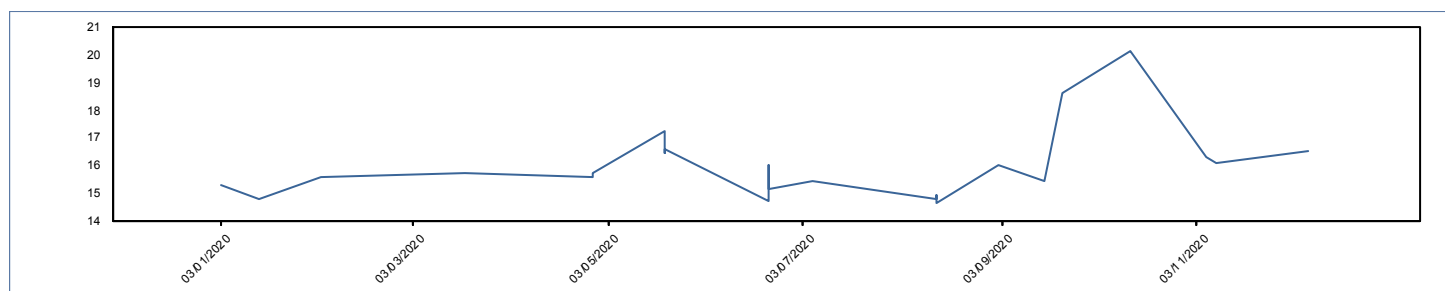
CHI0116

Number of readings

26

Number of breaches

0



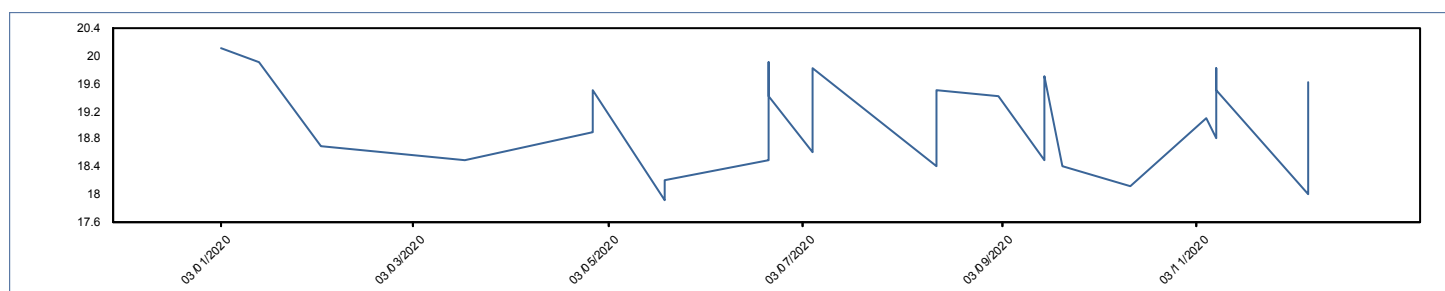
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

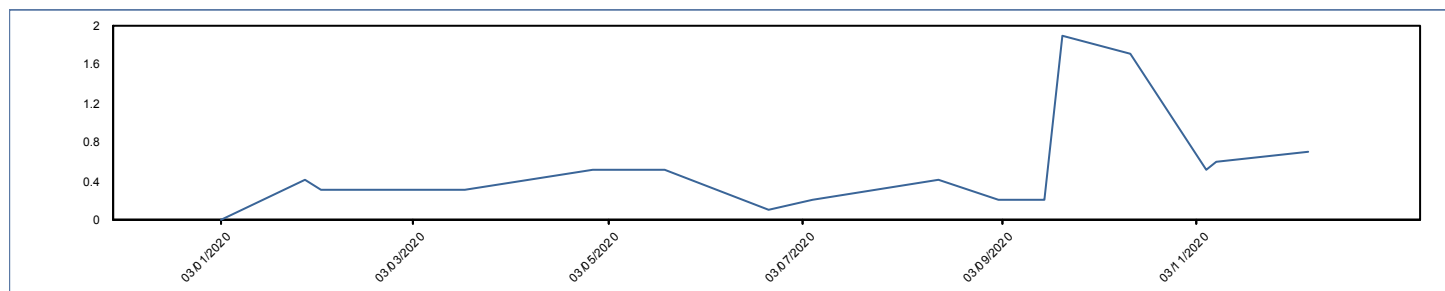
CHI0118

Number of readings

16

Number of breaches

0



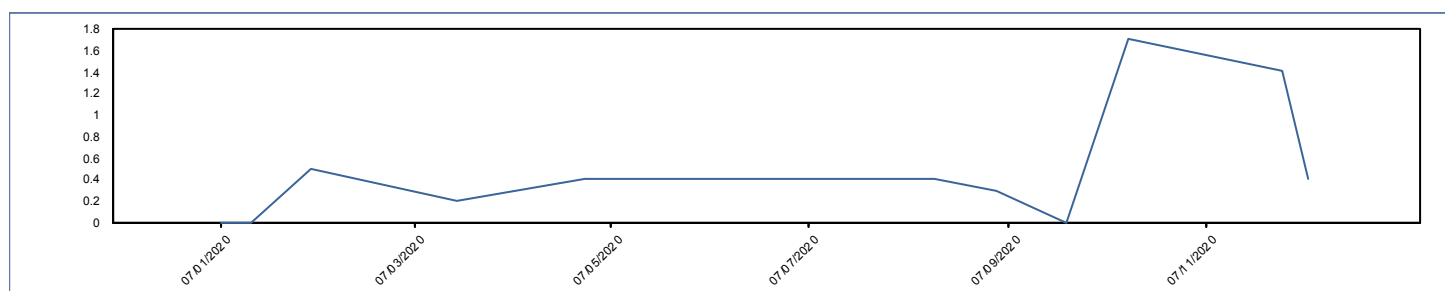
CHI0120

Number of readings

14

Number of breaches

0



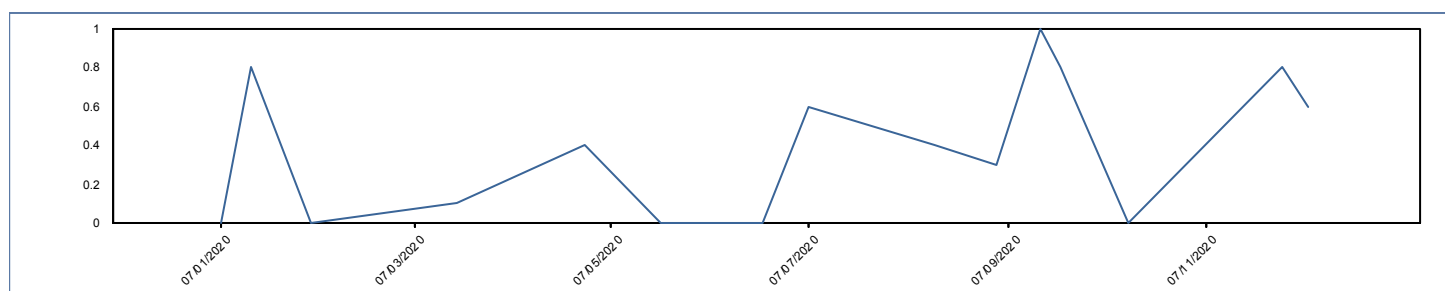
CHI0121

Number of readings

15

Number of breaches

0



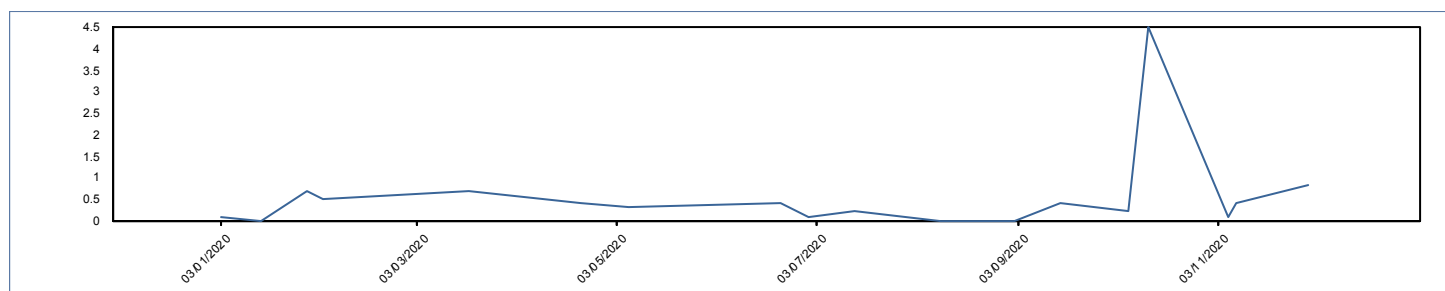
CHI0123

Number of readings

18

Number of breaches

0



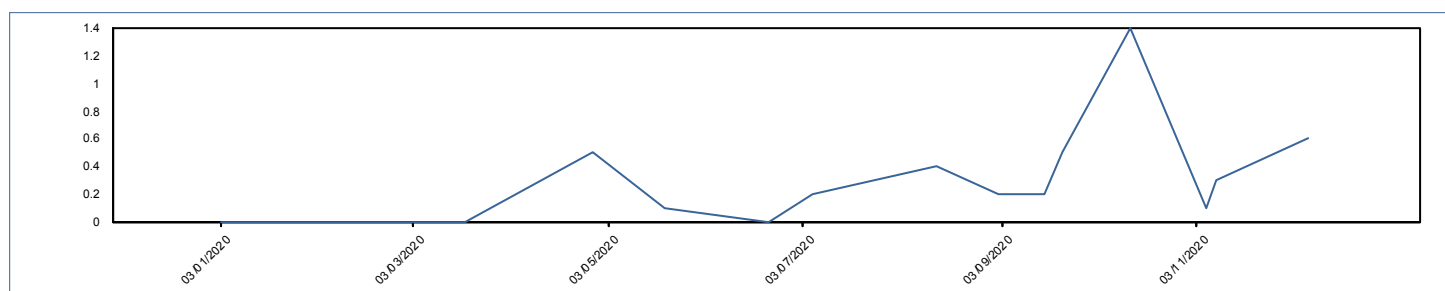
CHI0124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

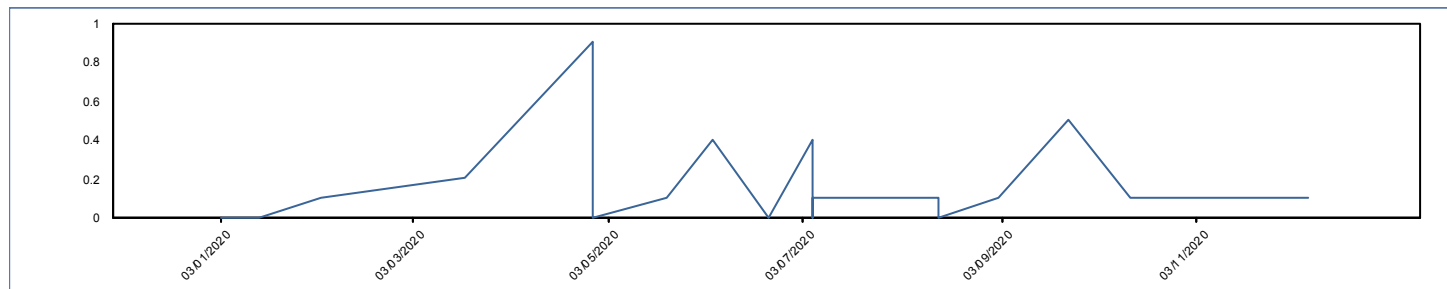
CHI0125

Number of readings

20

Number of breaches

0



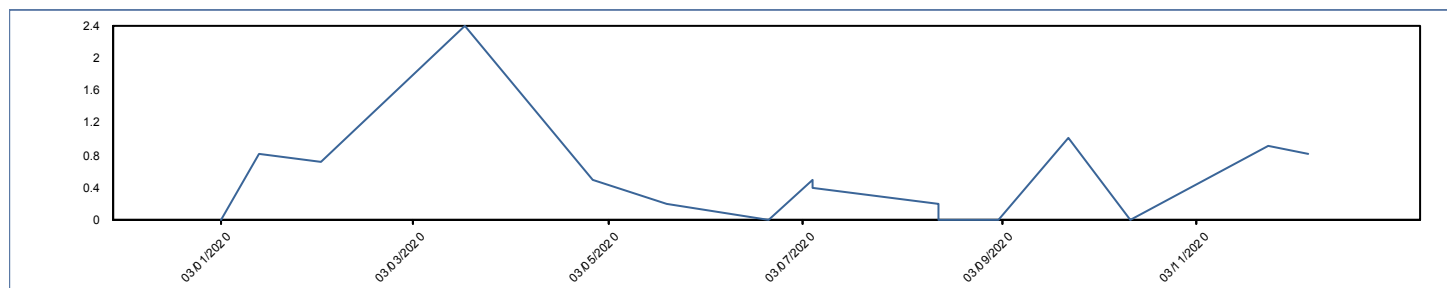
CHI0126

Number of readings

17

Number of breaches

0



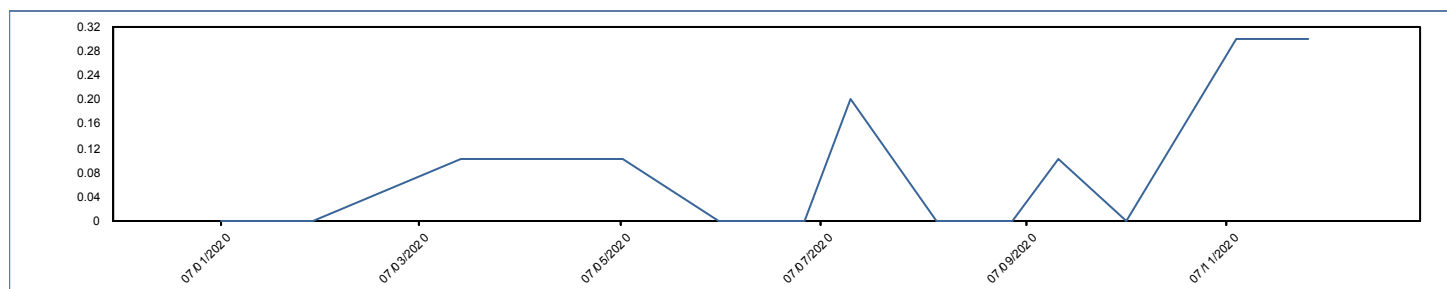
CHI0127

Number of readings

15

Number of breaches

0



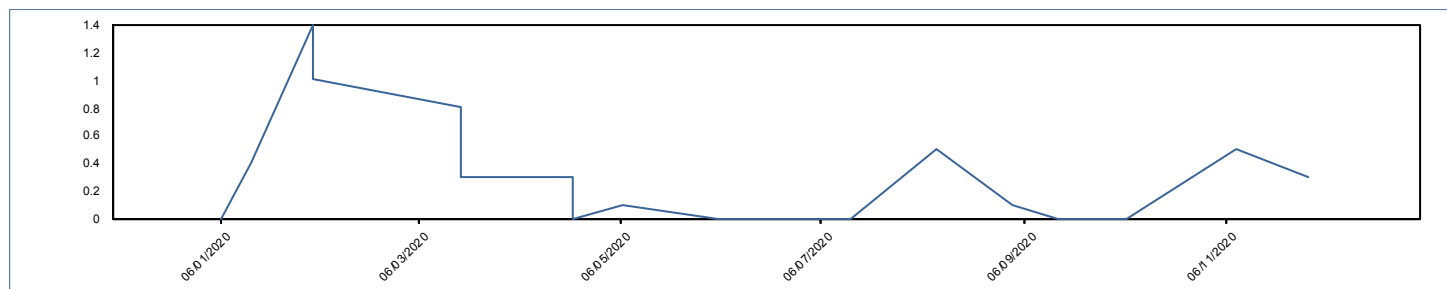
CHI0128

Number of readings

19

Number of breaches

0



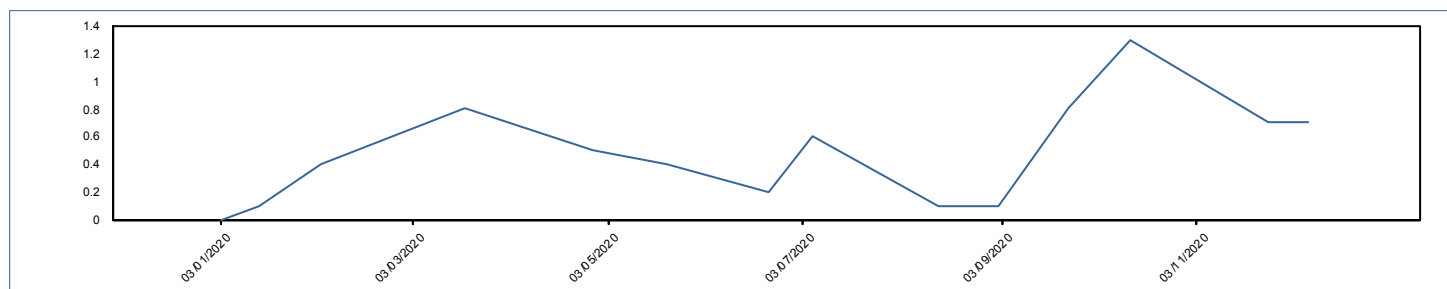
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

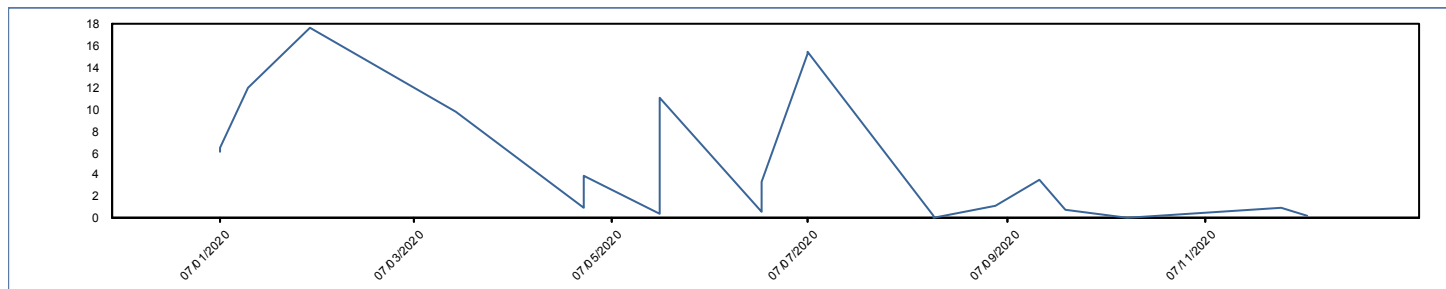
CHIW1602

Number of readings

25

Number of breaches

0



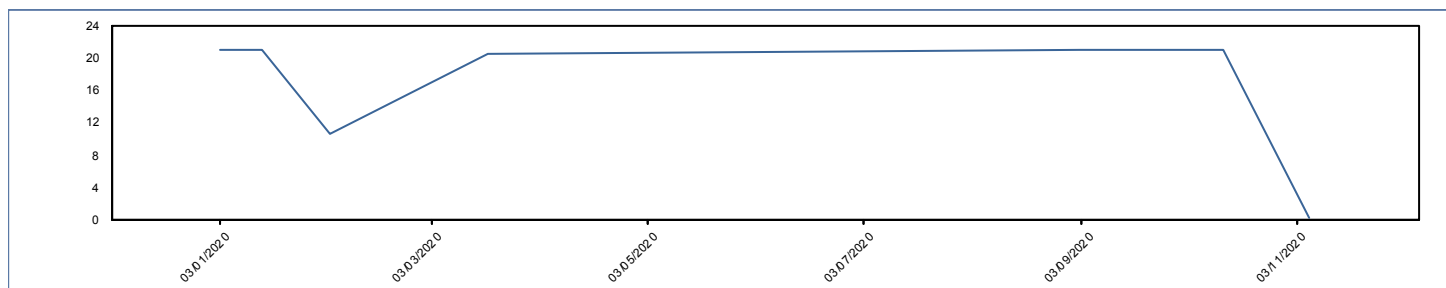
CHIW1603

Number of readings

8

Number of breaches

0



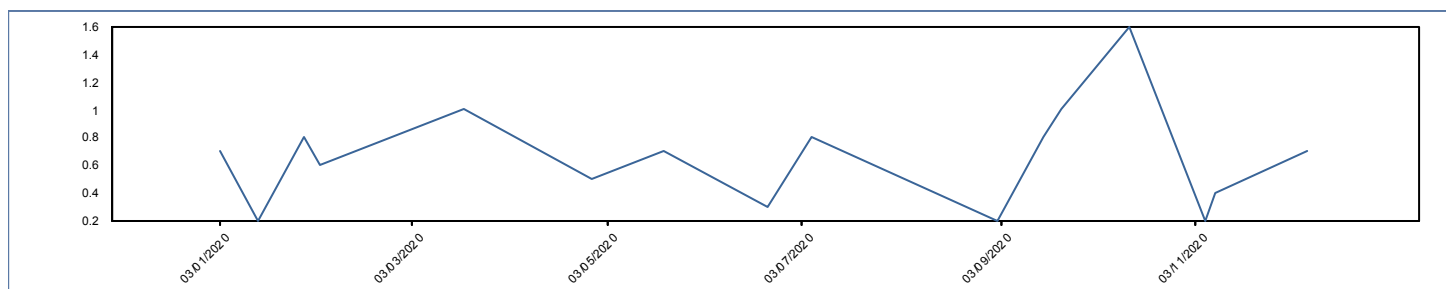
CHIW1604

Number of readings

17

Number of breaches

0



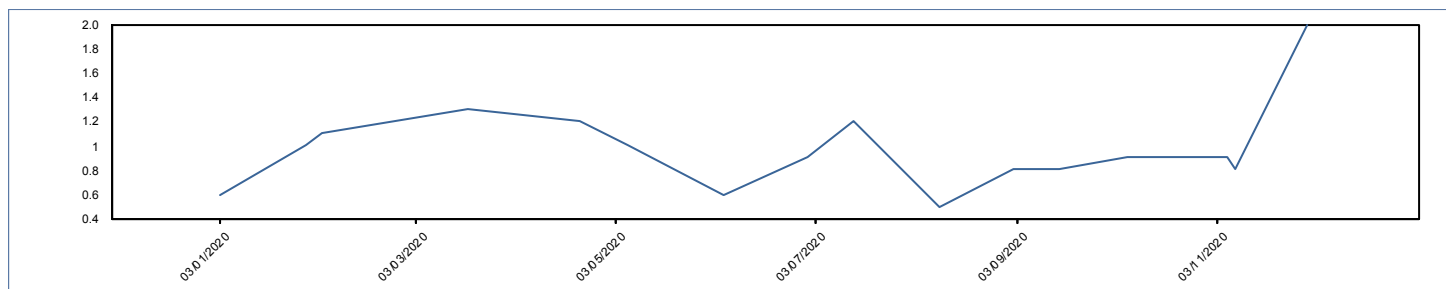
CHIW1605

Number of readings

16

Number of breaches

0



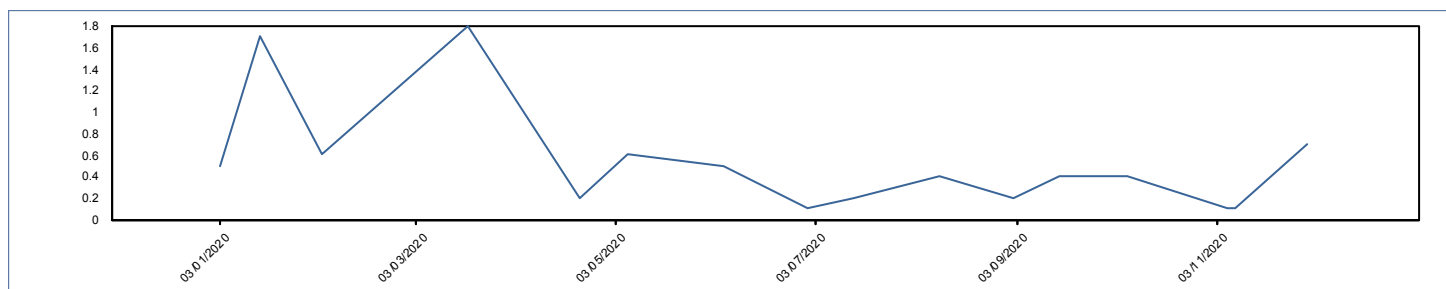
CHIW1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

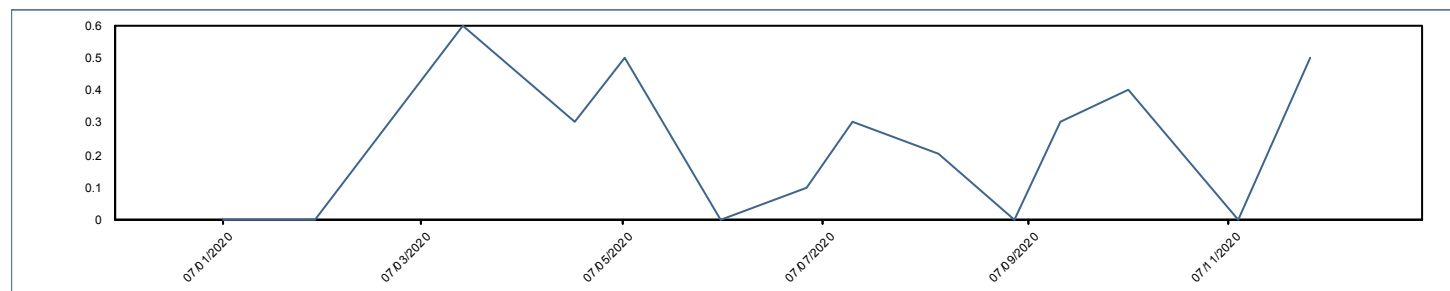
CHIW1608

Number of readings

15

Number of breaches

0



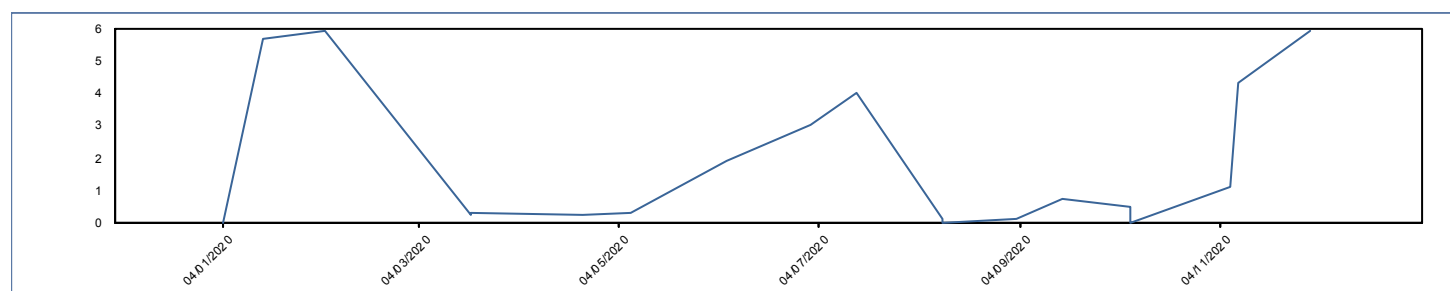
CHIW1609

Number of readings

20

Number of breaches

0



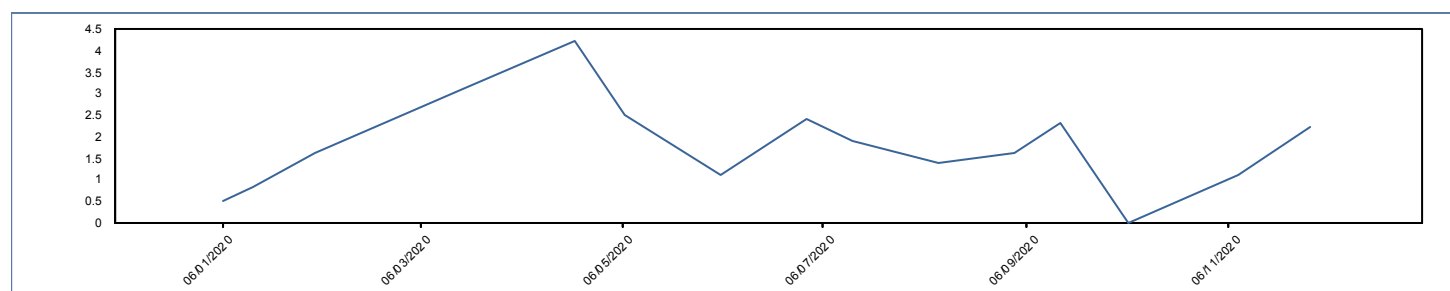
CHIW1610

Number of readings

15

Number of breaches

0



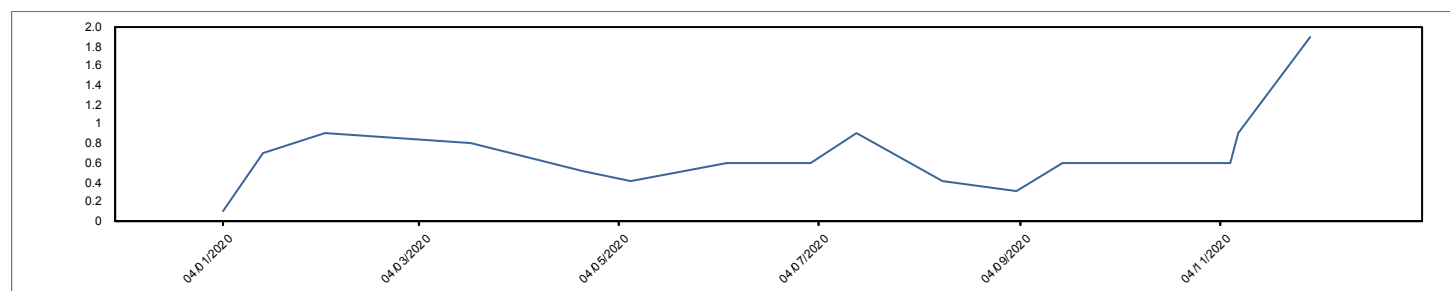
CHIW1611

Number of readings

16

Number of breaches

0



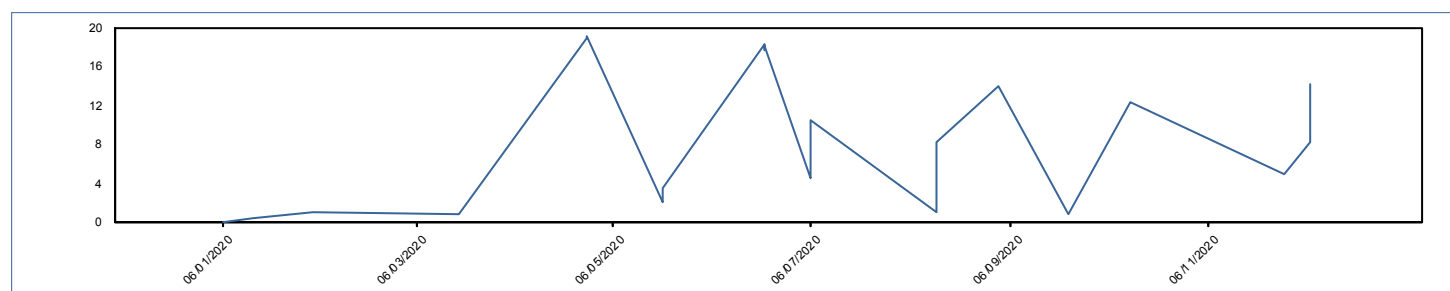
CHIW1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

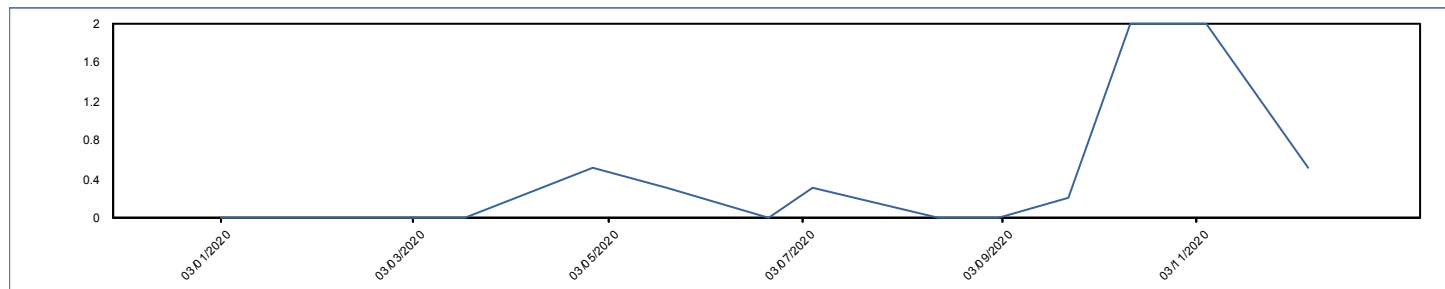
GW44

Number of readings

14

Number of breaches

0



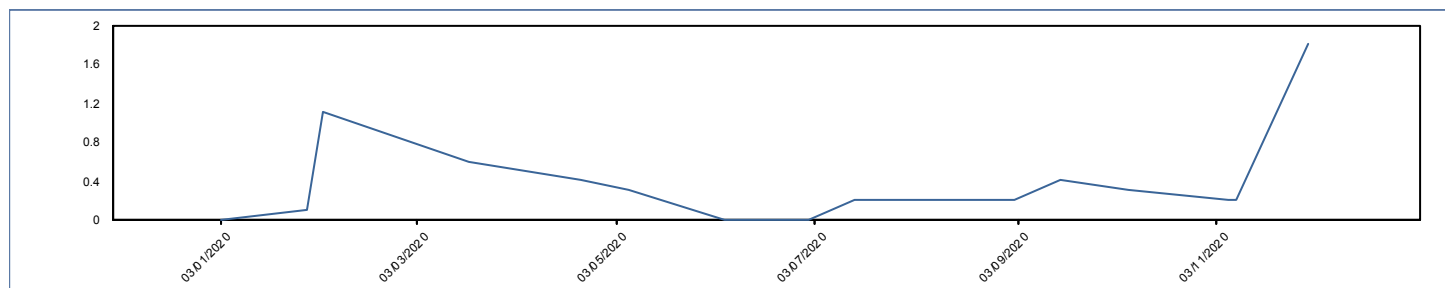
GW48

Number of readings

16

Number of breaches

0



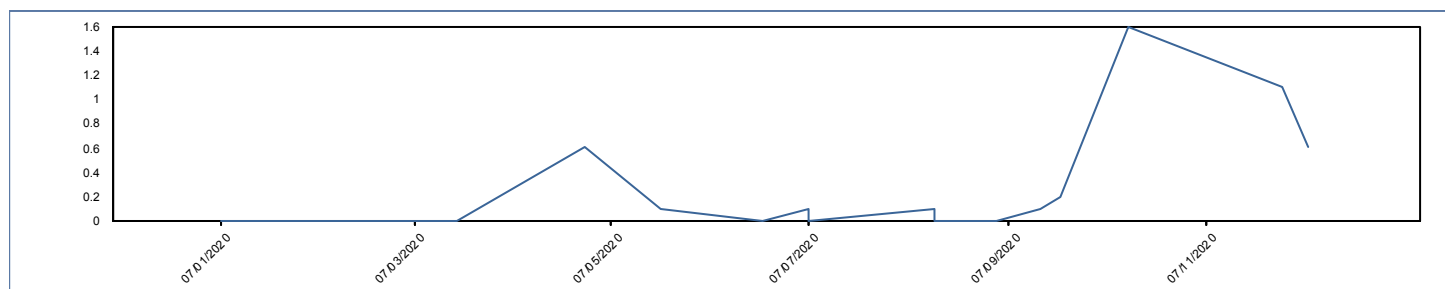
GW56

Number of readings

17

Number of breaches

0



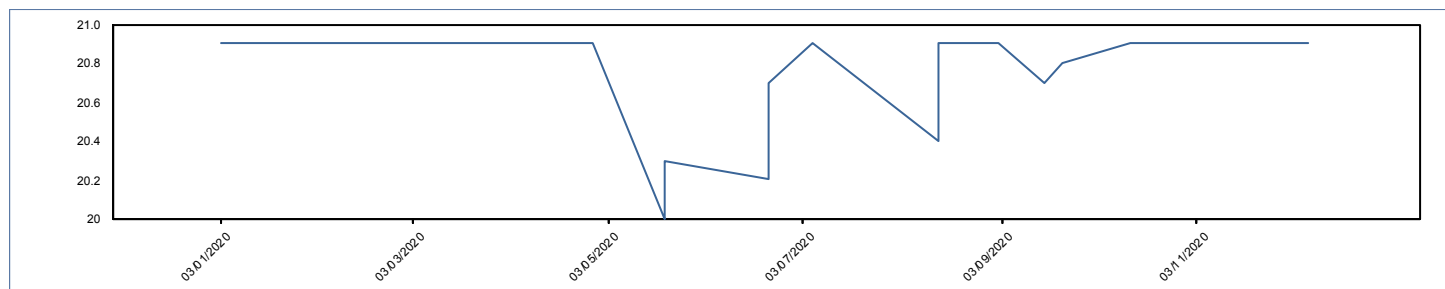
GW57

Number of readings

30

Number of breaches

0



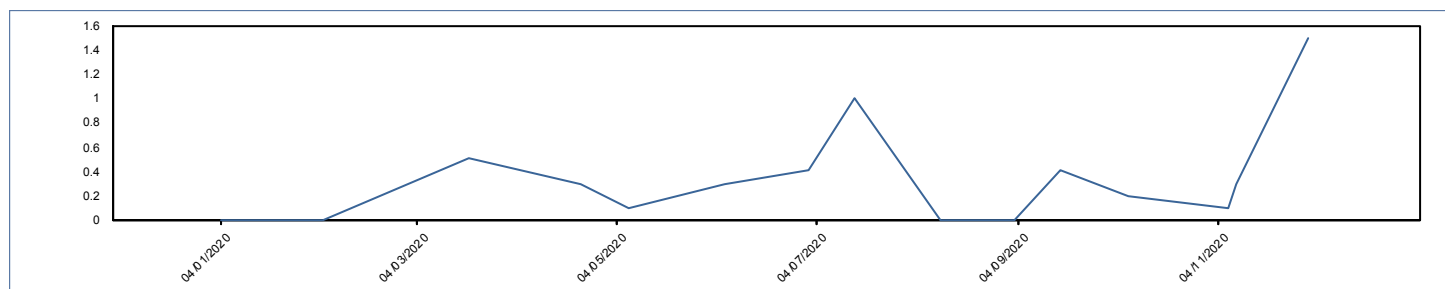
GW88

Number of readings

16

Number of breaches

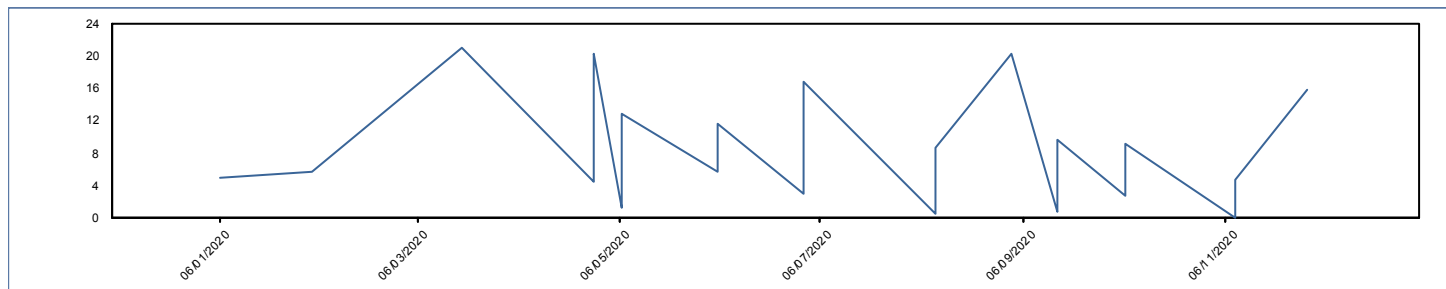
0



Data from: 1 Jan 2020 to: 31 Dec 2020

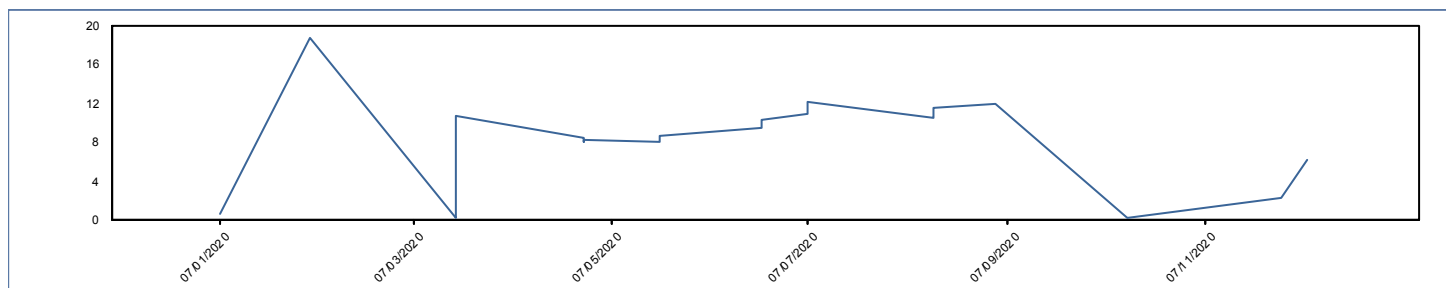
LC005A

Number of readings 29 Number of breaches 0



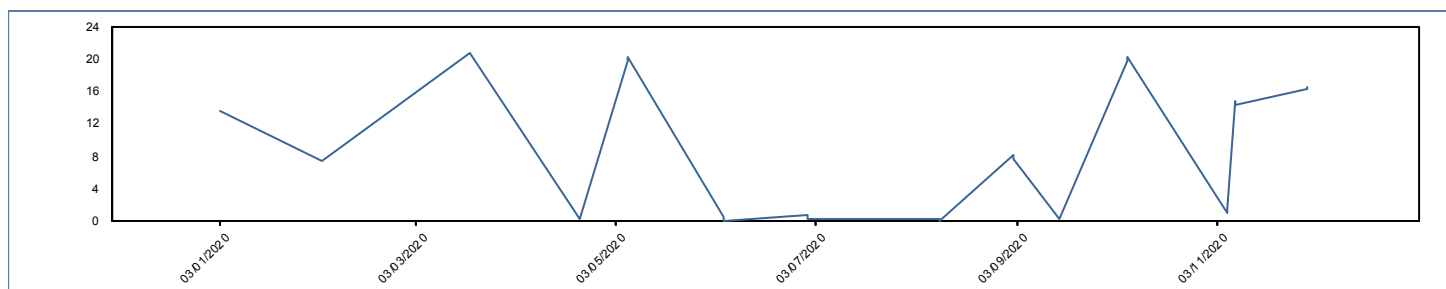
LC01B

Number of readings 24 Number of breaches 0



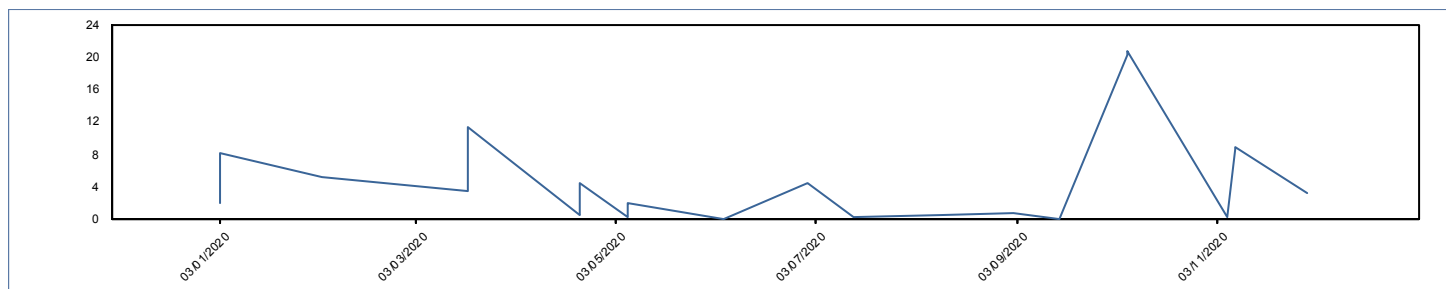
LM04B

Number of readings 28 Number of breaches 0



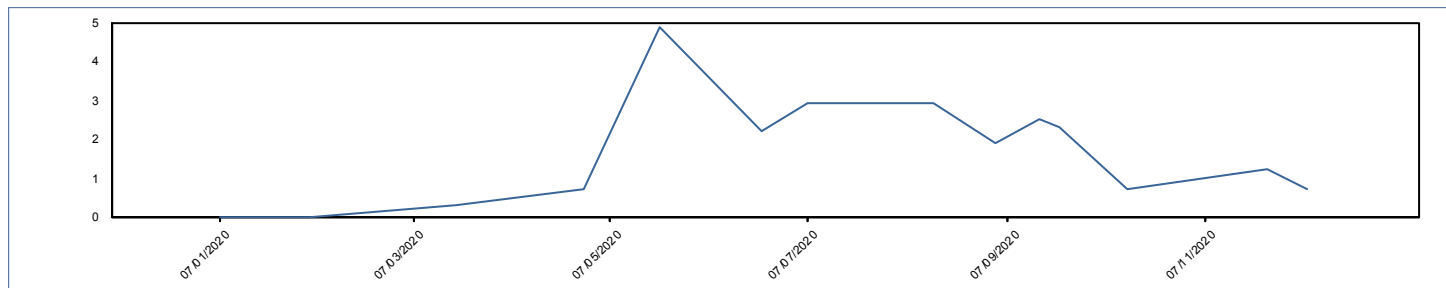
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

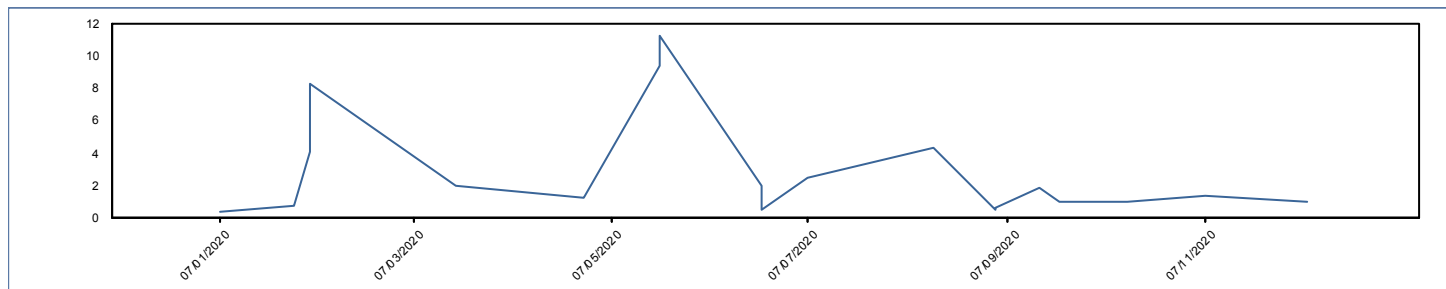
PBLFGXGW03

Number of readings

19

Number of breaches

0



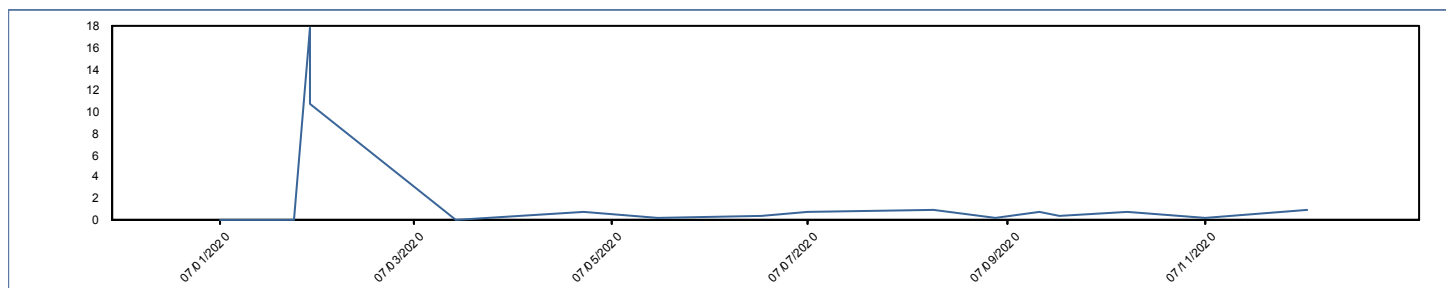
PBLFGXGW07

Number of readings

17

Number of breaches

0



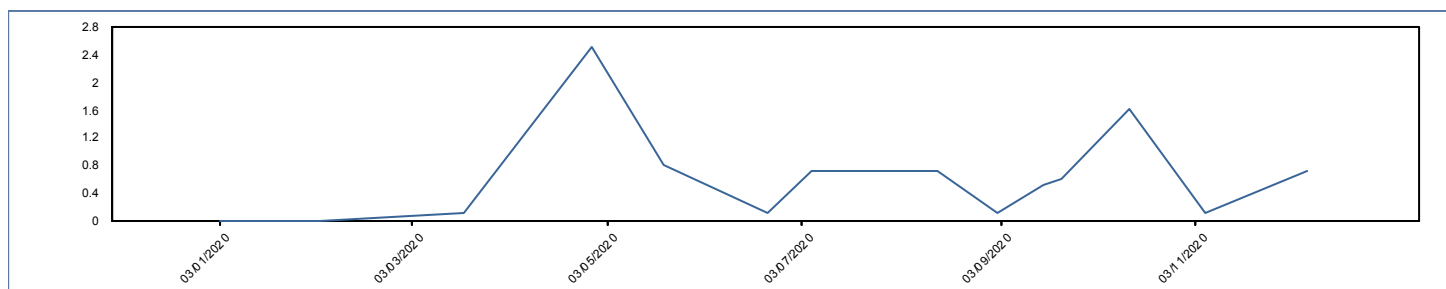
PBLFGXGW18

Number of readings

15

Number of breaches

0



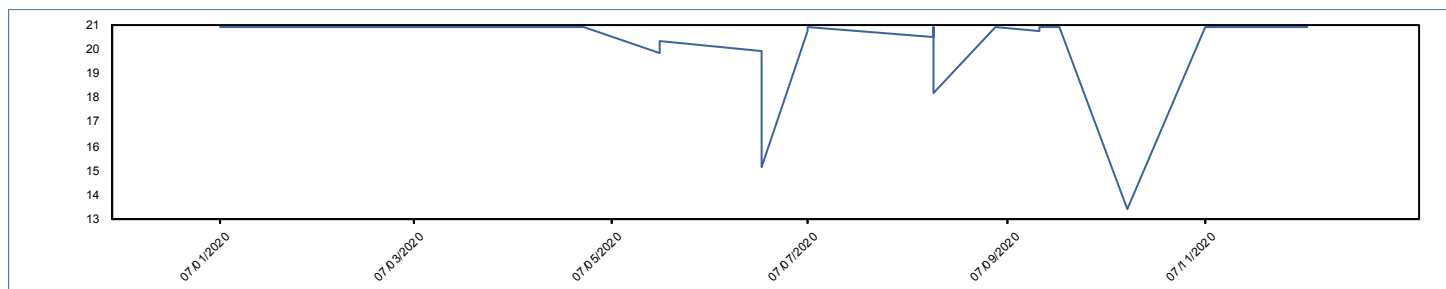
PBLFGXGW28

Number of readings

29

Number of breaches

0



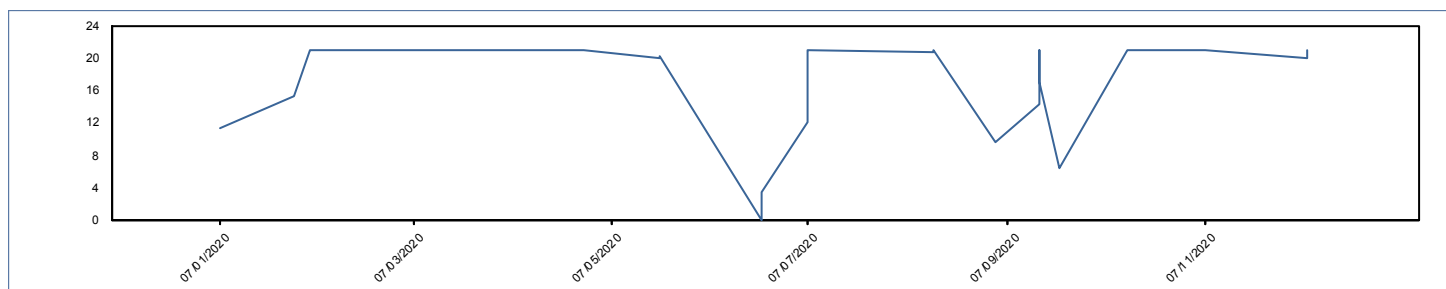
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

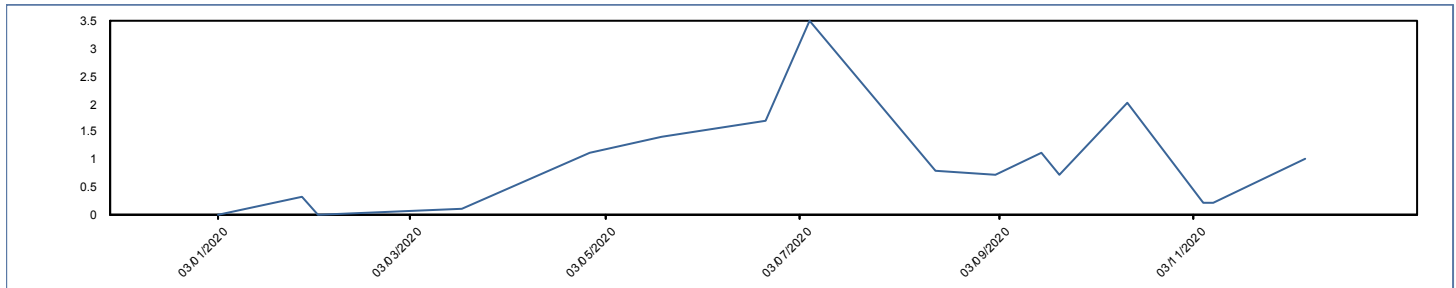
PBLFGXGW30

Number of readings

16

Number of breaches

0



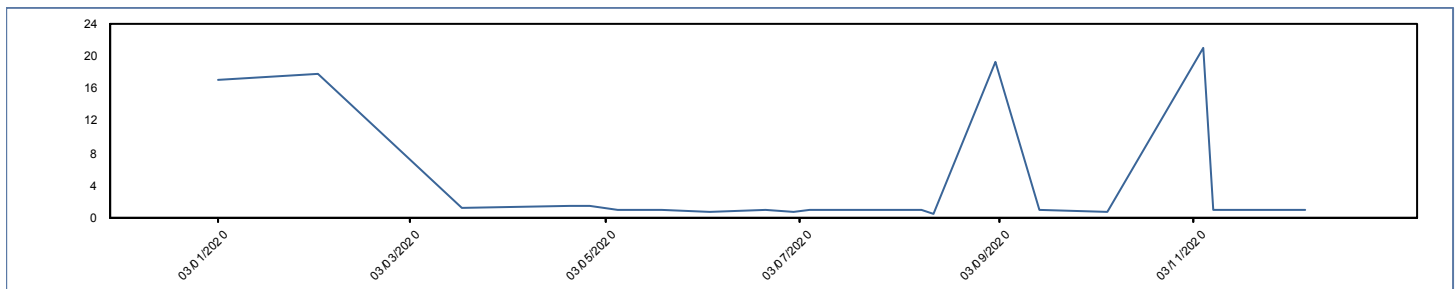
PYBFLARE

Number of readings

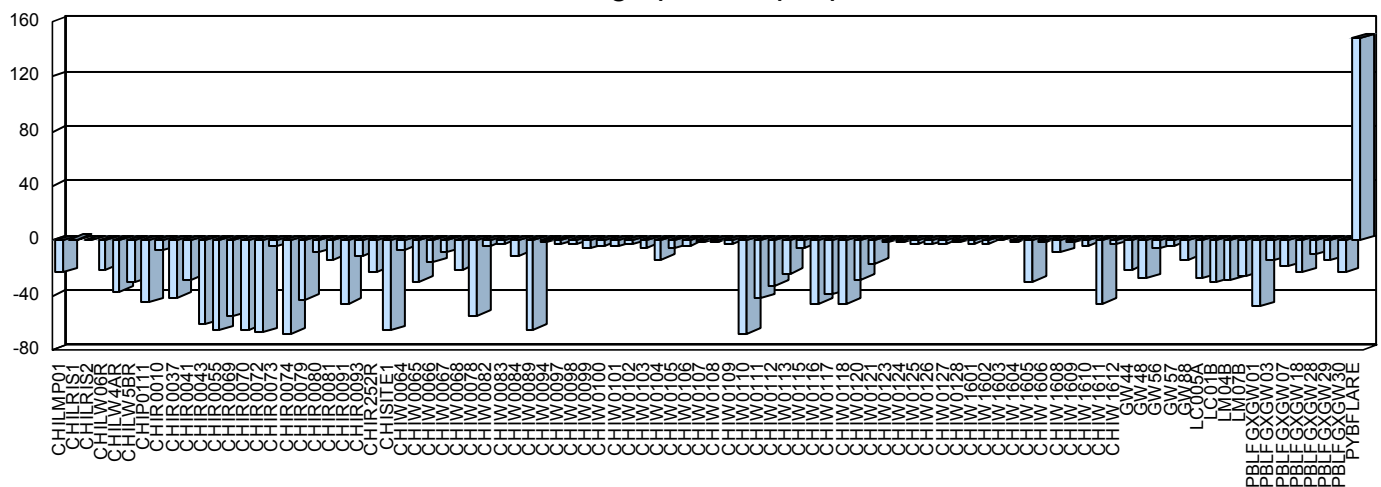
19

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	-70.37	-0.91	-23.25	-325.45	25.17	633.46	-0.91
CHILRIS1	1	0	0.41	0.41	0.41	0.41	0.00	0.00	0.41
CHILRIS2	5	0	-0.14	0.56	0.10	0.50	0.24	0.06	0.56
CHILW06R	28	0	-67.63	5.85	-21.69	-607.43	21.66	469.03	4.12
CHILW4AR	27	0	-75.45	22.12	-37.55	-1,013.81	30.44	926.52	10.99
CHILW5BR	29	0	-83.57	4.13	-31.08	-901.33	29.12	848.03	2.33
CHIP0111	30	0	-89.06	2.51	-45.74	-1,372.15	30.00	900.01	1.42

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0010	30	0	-17.95	-0.03	-7.64	-229.05	4.15	17.24	-0.10
CHIR0037	31	0	-79.44	1.72	-42.18	-1,307.52	25.00	625.23	0.85
CHIR0041	16	0	-35.84	-20.84	-28.80	-460.73	4.46	19.91	-20.84
CHIR0043	15	0	-80.59	-22.79	-61.71	-925.69	13.83	191.32	-22.79
CHIR0055	15	0	-86.53	-38.43	-66.16	-992.47	12.04	144.85	-38.43
CHIR0069	15	0	-79.77	-34.89	-55.68	-835.27	14.21	201.82	-34.89
CHIR0070	15	0	-82.91	-44.34	-64.86	-972.83	10.18	103.63	-44.34
CHIR0072	16	0	-87.58	-35.65	-67.35	-1,077.53	11.28	127.14	-35.65
CHIR0073	18	0	-26.39	0.22	-4.59	-82.57	6.84	46.78	0.22
CHIR0074	15	0	-86.63	-44.84	-68.11	-1,021.64	9.66	93.30	-44.84
CHIR0079	15	0	-70.84	-22.87	-43.36	-650.42	12.73	162.13	-22.87
CHIR0080	23	0	-50.18	0.51	-9.14	-210.14	10.82	116.97	0.35
CHIR0081	35	0	-56.19	-0.14	-13.74	-480.87	14.46	209.07	-0.16
CHIR0091	17	0	-64.05	-5.85	-46.33	-787.56	14.02	196.70	-5.85
CHIR0093	17	0	-23.50	-0.02	-11.40	-193.81	7.41	54.98	-0.02
CHIR252R	14	0	-68.05	-6.59	-22.59	-316.26	16.86	284.26	-6.59
CHISITE1	57	0	-88.06	-33.86	-66.11	-3,768.19	11.19	125.26	-41.80
CHIW0064	15	0	-15.87	-2.38	-6.99	-104.79	3.78	14.29	-2.38
CHIW0065	14	0	-42.04	-20.72	-29.92	-418.83	5.95	35.36	-20.72
CHIW0066	16	0	-23.16	-10.74	-15.91	-254.50	3.51	12.33	-10.74
CHIW0067	37	0	-19.39	-2.44	-8.59	-318.00	3.91	15.31	-2.89
CHIW0068	15	0	-34.15	-13.21	-21.37	-320.54	6.61	43.75	-13.21
CHIW0078	20	0	-87.96	79.15	-54.87	-1,097.46	35.03	1,227.16	30.90
CHIW0082	19	0	-8.95	-0.29	-3.65	-69.32	2.48	6.13	-0.29
CHIW0083	16	0	-6.84	-0.07	-2.22	-35.57	2.17	4.70	-0.07
CHIW0084	14	0	-17.27	-5.05	-11.41	-159.74	3.93	15.42	-5.05
CHIW0089	16	0	-83.53	-43.29	-65.52	-1,048.27	10.08	101.54	-43.29
CHIW0094	34	0	-8.86	0.62	-1.79	-60.78	2.08	4.33	0.39
CHIW0097	34	0	-44.40	0.33	-2.79	-94.87	7.63	58.18	0.30

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0098	16	0	-8.64	-0.15	-2.90	-46.43	2.93	8.61	-0.15
CHIW0099	16	0	-13.75	-0.67	-5.75	-92.02	2.68	7.16	-0.67
CHIW0100	22	0	-15.90	0.54	-4.11	-90.38	4.57	20.85	0.41
CHIW0101	16	0	-11.67	-0.33	-4.65	-74.40	3.33	11.08	-0.33
CHIW0102	39	0	-18.65	0.52	-3.19	-124.43	4.54	20.63	0.00
CHIW0103	24	0	-14.78	-0.40	-5.38	-129.19	3.60	12.95	-0.44
CHIW0104	30	0	-72.39	0.26	-13.91	-417.28	22.11	488.86	0.00
CHIW0105	24	0	-14.93	0.29	-6.07	-145.63	4.30	18.45	0.10
CHIW0106	26	0	-21.52	0.14	-3.49	-90.86	4.11	16.90	0.06
CHIW0107	25	0	-15.57	0.55	-1.63	-40.79	3.30	10.86	0.52
CHIW0108	25	0	-5.40	0.50	-1.00	-24.93	1.39	1.92	0.29
CHIW0109	25	0	-9.78	0.51	-2.06	-51.42	2.60	6.75	0.43
CHIW0110	15	0	-88.85	-37.31	-67.98	-1,019.65	11.78	138.73	-37.31
CHIW0111	28	0	-89.13	-0.05	-42.21	-1,181.78	31.70	1,005.04	-0.22
CHIW0112	15	0	-58.24	-5.90	-33.00	-495.01	11.49	132.00	-5.90
CHIW0113	20	0	-66.53	0.00	-23.92	-478.36	25.19	634.69	-0.01
CHIW0115	16	0	-9.00	-0.28	-4.90	-78.37	2.56	6.54	-0.28
CHIW0116	26	0	-85.47	-3.76	-45.79	-1,190.60	24.47	599.02	-4.10
CHIW0117	32	0	-79.70	0.32	-39.40	-1,260.76	26.66	710.97	0.18
CHIW0118	16	0	-57.36	-35.41	-45.87	-733.89	6.51	42.34	-35.41
CHIW0120	14	0	-54.69	-0.60	-28.99	-405.85	16.25	263.97	-0.60
CHIW0121	15	0	-35.69	-0.09	-16.79	-251.79	9.99	99.76	-0.09
CHIW0123	18	0	-8.19	-0.03	-1.46	-26.33	2.00	4.00	-0.03
CHIW0124	17	0	-7.10	0.29	-1.37	-23.33	1.77	3.13	0.29
CHIW0125	20	0	-7.48	-0.03	-2.27	-45.43	2.32	5.36	-0.07
CHIW0126	17	0	-18.62	0.29	-2.87	-48.72	4.39	19.31	0.29
CHIW0127	15	0	-5.52	0.23	-2.04	-30.60	1.93	3.72	0.23
CHIW0128	19	0	-6.74	0.29	-1.36	-25.93	1.76	3.09	0.29
CHIW1601	15	0	-8.93	0.61	-2.20	-33.01	2.58	6.65	0.61

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1602	25	0	-10.90	0.51	-2.02	-50.43	2.93	8.57	0.34
CHIW1603	8	0	-2.17	0.31	-0.30	-2.36	0.76	0.58	0.31
CHIW1604	17	0	-3.18	0.09	-0.94	-15.94	1.08	1.17	0.09
CHIW1605	16	0	-39.17	-22.36	-30.27	-484.36	4.81	23.17	-22.36
CHIW1606	16	0	-3.38	-0.09	-1.04	-16.63	0.87	0.76	-0.09
CHIW1608	15	0	-12.27	-4.47	-8.91	-133.71	2.26	5.12	-4.47
CHIW1609	20	0	-7.02	0.43	-1.30	-25.96	1.69	2.84	0.20
CHIW1610	15	0	-10.86	-0.43	-3.38	-50.64	3.05	9.31	-0.43
CHIW1611	16	0	-74.99	-0.24	-45.86	-733.70	15.23	232.09	-0.24
CHIW1612	24	0	-14.60	0.14	-2.95	-70.70	3.73	13.88	0.04
GW44	14	0	-33.72	-11.77	-21.66	-303.20	5.98	35.80	-11.77
GW48	16	0	-74.49	-2.76	-27.97	-447.49	27.12	735.59	-2.76
GW56	17	0	-15.19	-0.10	-6.20	-105.45	4.26	18.13	-0.10
GW57	30	0	-9.95	0.05	-3.72	-111.57	2.48	6.16	0.00
GW88	16	0	-23.91	-8.43	-14.15	-226.37	5.05	25.50	-8.43
LC005A	29	0	-75.60	0.56	-27.79	-806.03	28.18	793.90	0.48
LC01B	24	0	-86.51	0.52	-30.97	-743.26	28.19	794.95	0.47
LM04B	28	0	-76.00	14.95	-29.42	-823.64	28.23	797.19	7.90
LM07B	25	0	-88.75	142.78	-26.24	-655.91	46.41	2,154.13	88.86
PBLFGXGW01	15	0	-77.63	-14.67	-48.19	-722.81	16.74	280.35	-14.67
PBLFGXGW03	19	0	-47.11	-0.86	-14.55	-276.48	13.92	193.71	-0.86
PBLFGXGW07	17	0	-64.60	-0.76	-19.22	-326.73	15.75	248.21	-0.76
PBLFGXGW18	15	0	-59.53	-10.77	-23.62	-354.35	13.69	187.41	-10.77
PBLFGXGW28	29	0	-33.15	-0.62	-10.42	-302.32	7.52	56.50	-1.36
PBLFGXGW29	28	0	-40.86	-0.43	-14.66	-410.53	9.22	85.03	-1.48
PBLFGXGW30	16	0	-47.26	-13.03	-23.61	-377.72	8.93	79.72	-13.03
PYBFLARE	19	0	-0.07	189.14	147.74	2,807.15	76.23	5,811.44	189.14
Total	1,883	0	-89.13	189.14	-19.62	-36,942.79	31.63	1,000.67	0.03

Data from: 1 Jan 2020 to: 31 Dec 2020

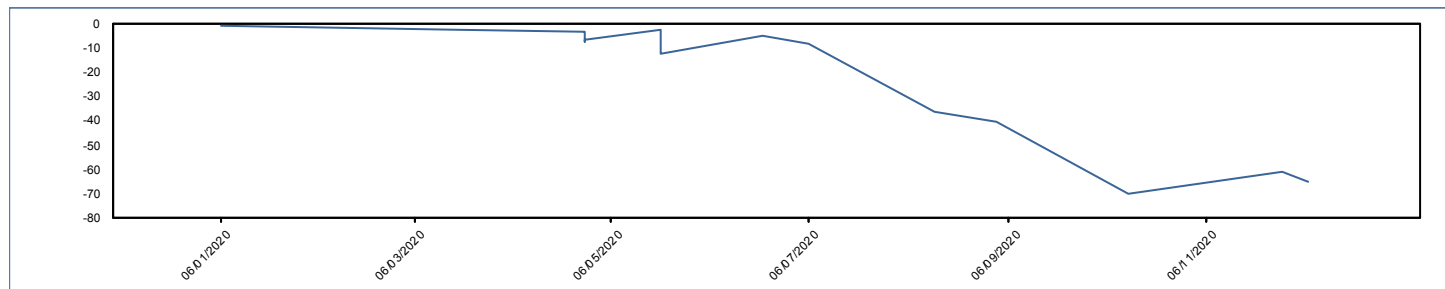
CHILMP01

Number of readings

14

Number of breaches

0



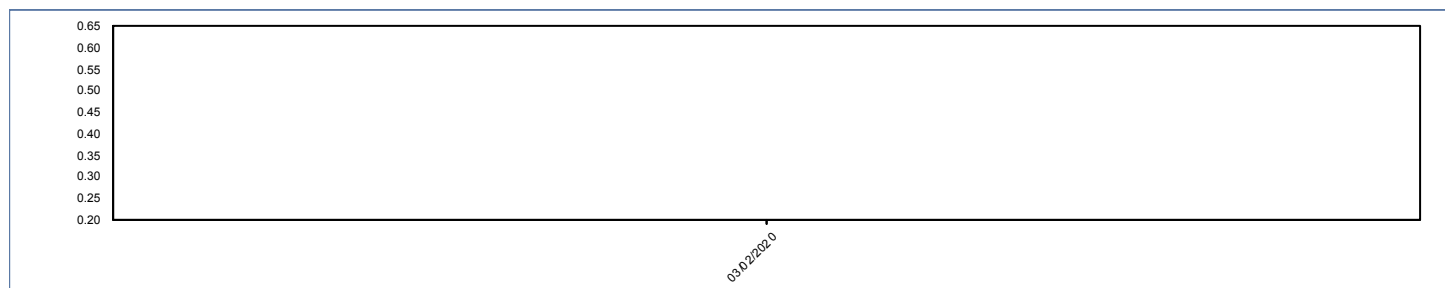
CHILRIS1

Number of readings

1

Number of breaches

0



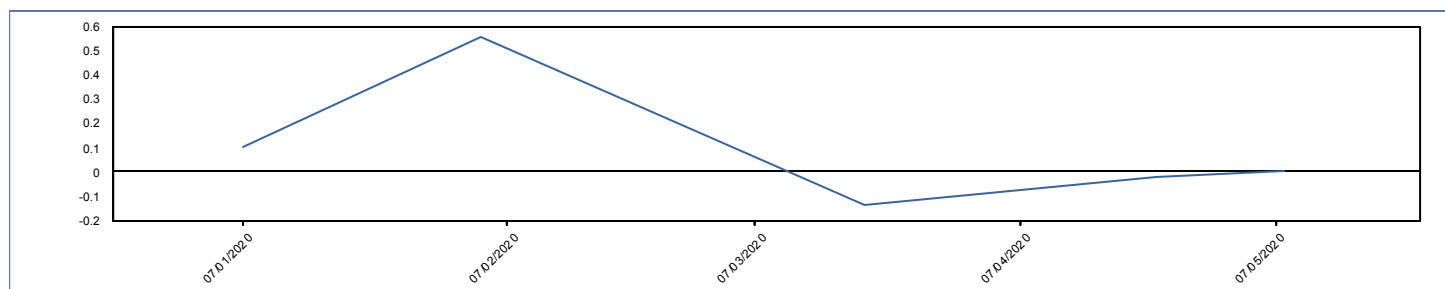
CHILRIS2

Number of readings

5

Number of breaches

0



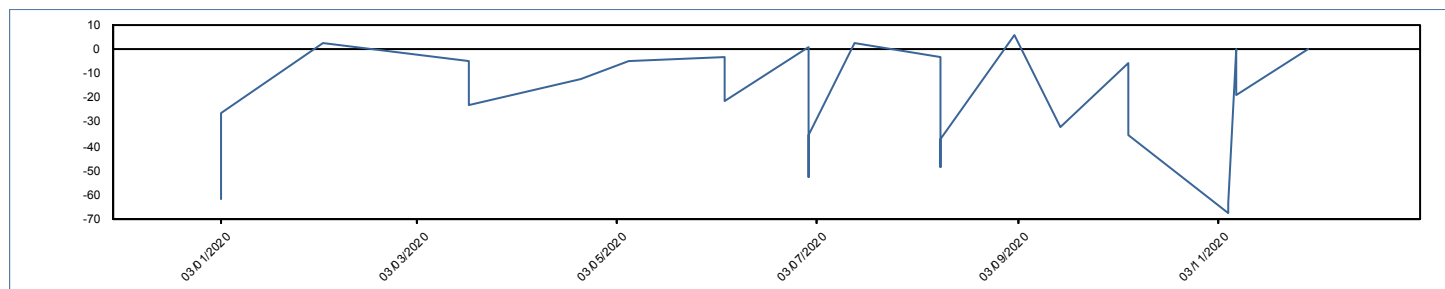
CHILW06R

Number of readings

28

Number of breaches

0



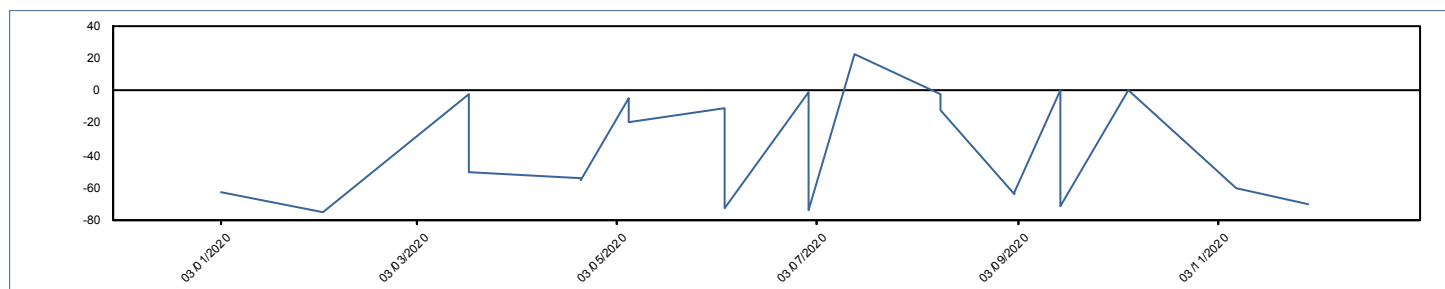
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

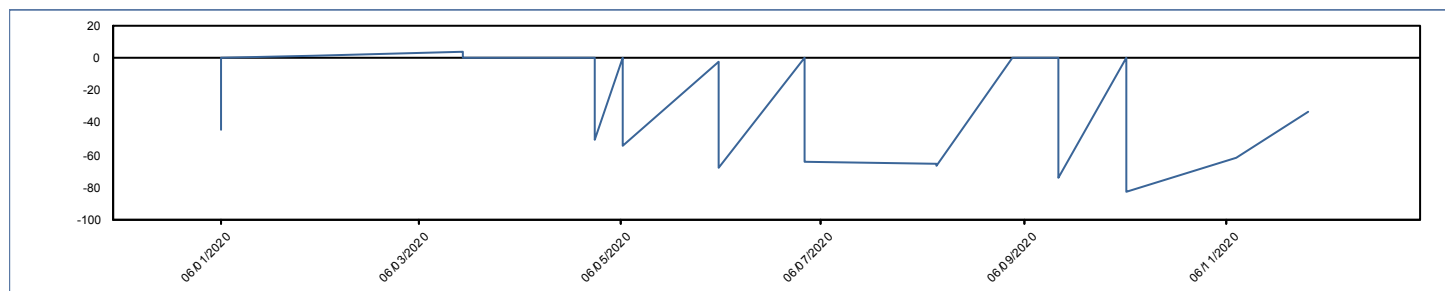
CHILW5BR

Number of readings

29

Number of breaches

0



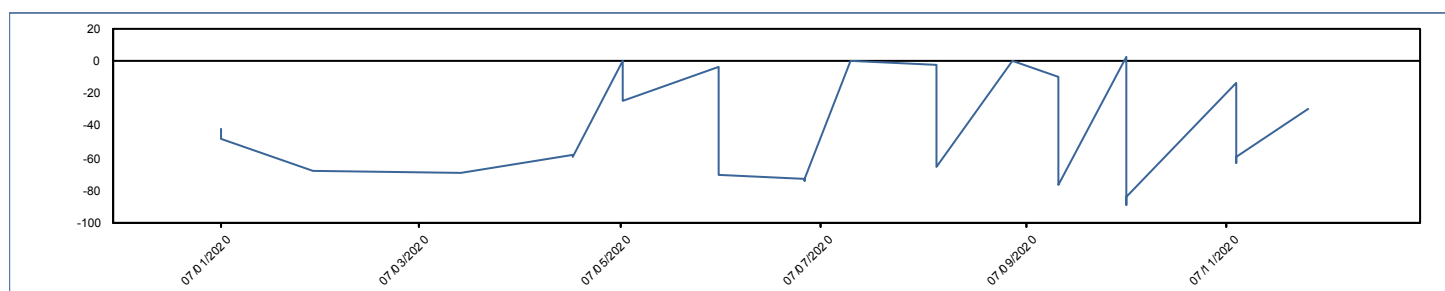
CHIP0111

Number of readings

30

Number of breaches

0



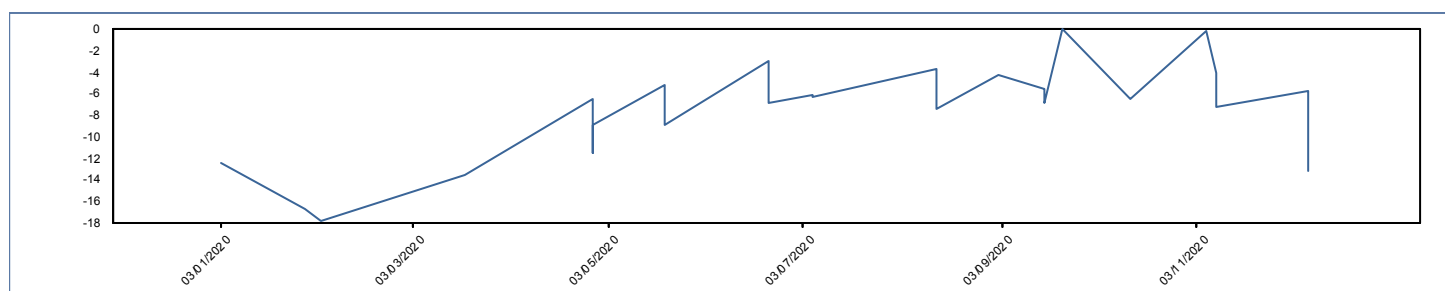
CHIR0010

Number of readings

30

Number of breaches

0



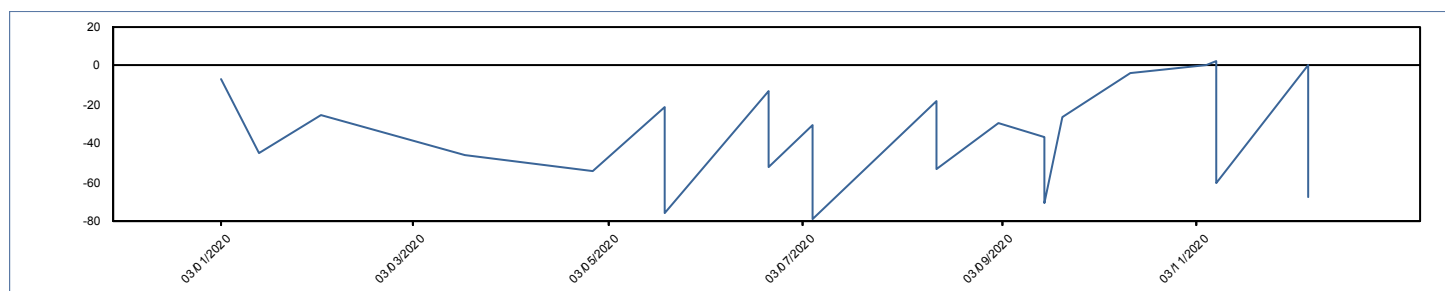
CHIR0037

Number of readings

31

Number of breaches

0



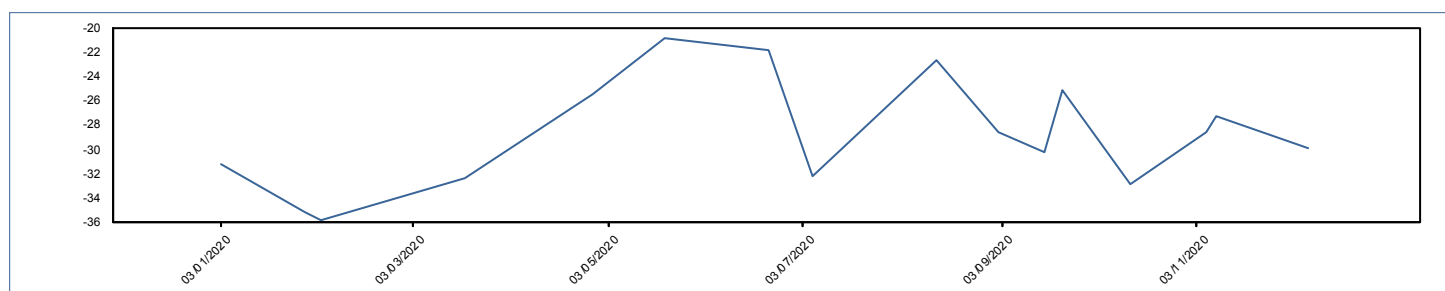
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

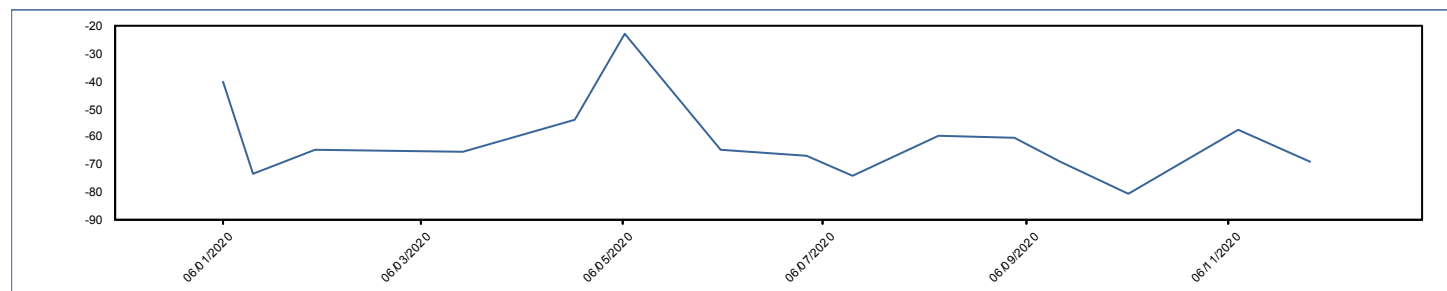
CHIR0043

Number of readings

15

Number of breaches

0



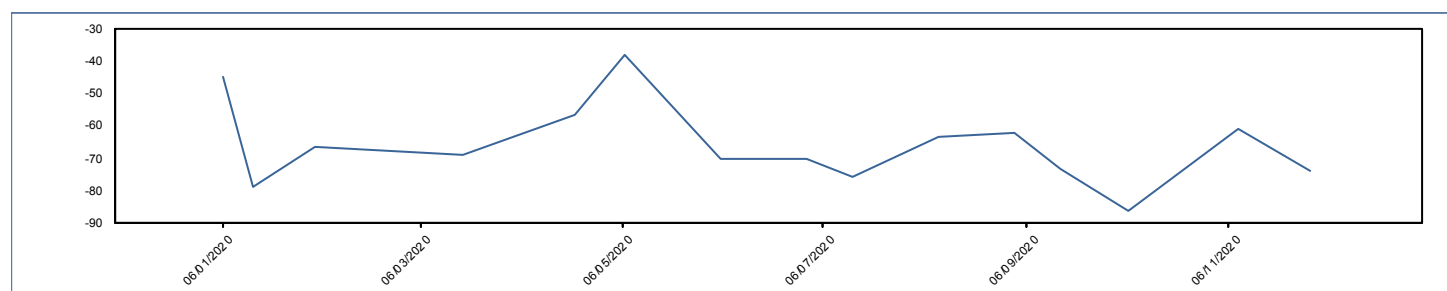
CHIR0055

Number of readings

15

Number of breaches

0



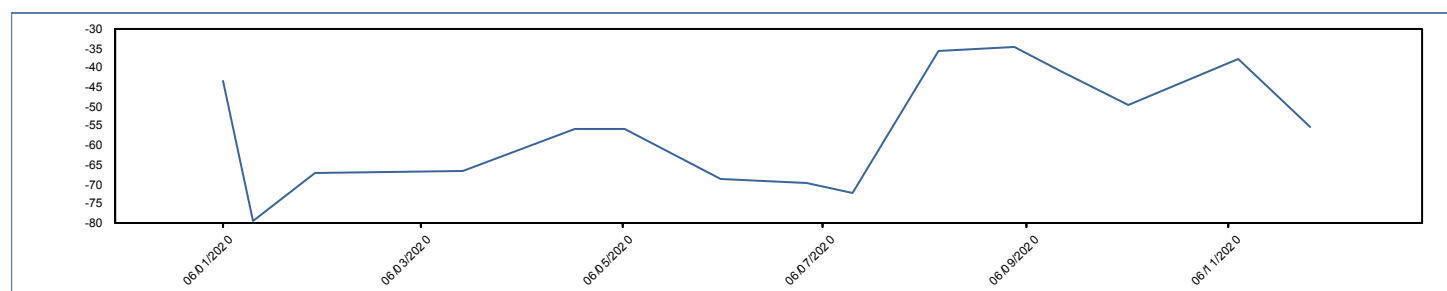
CHIR0069

Number of readings

15

Number of breaches

0



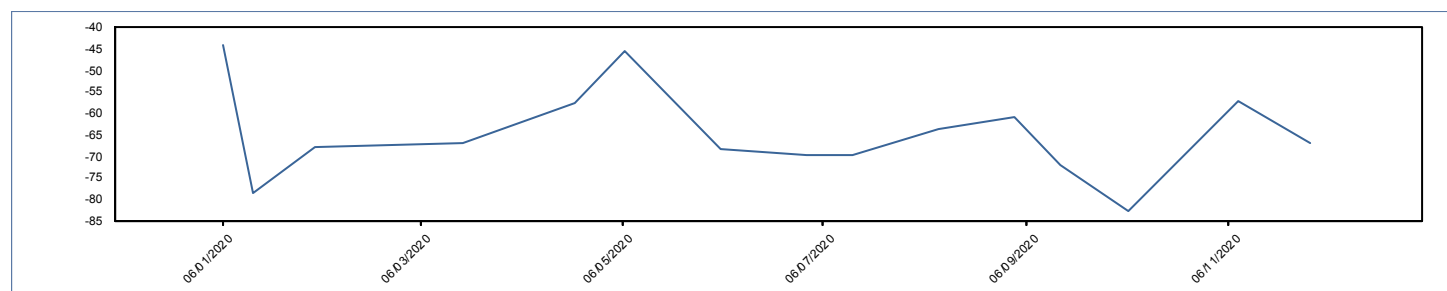
CHIR0070

Number of readings

15

Number of breaches

0



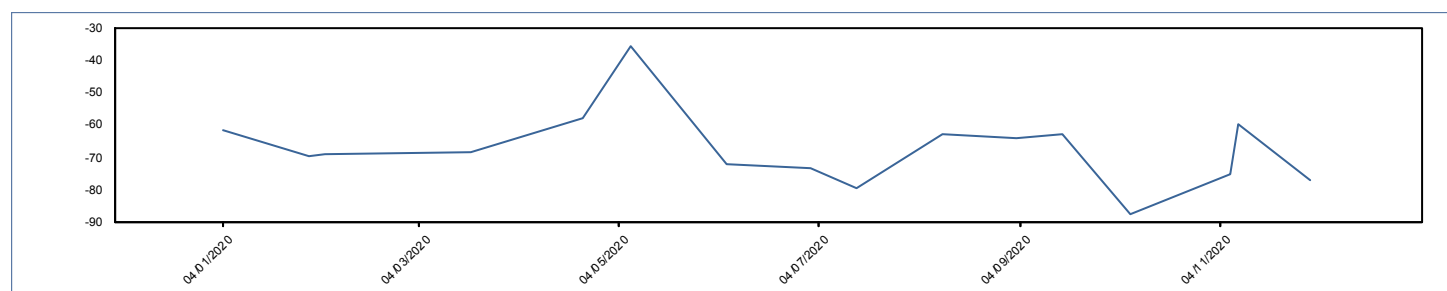
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

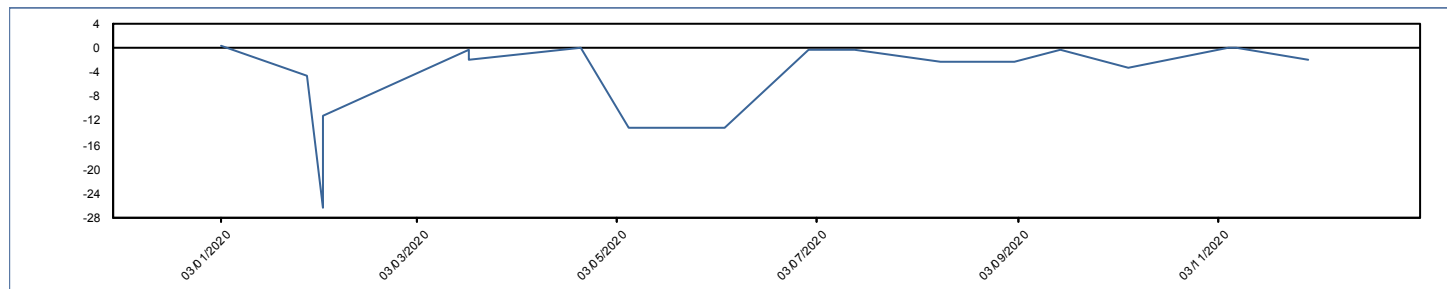
CHIR0073

Number of readings

18

Number of breaches

0



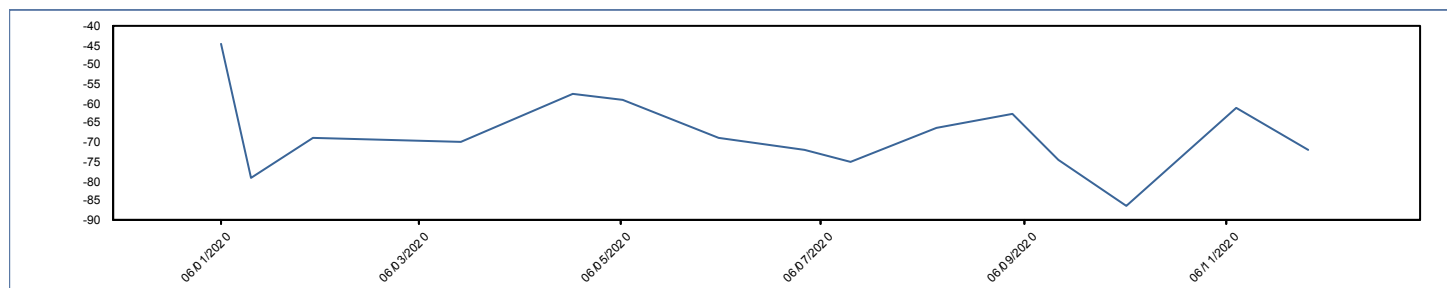
CHIR0074

Number of readings

15

Number of breaches

0



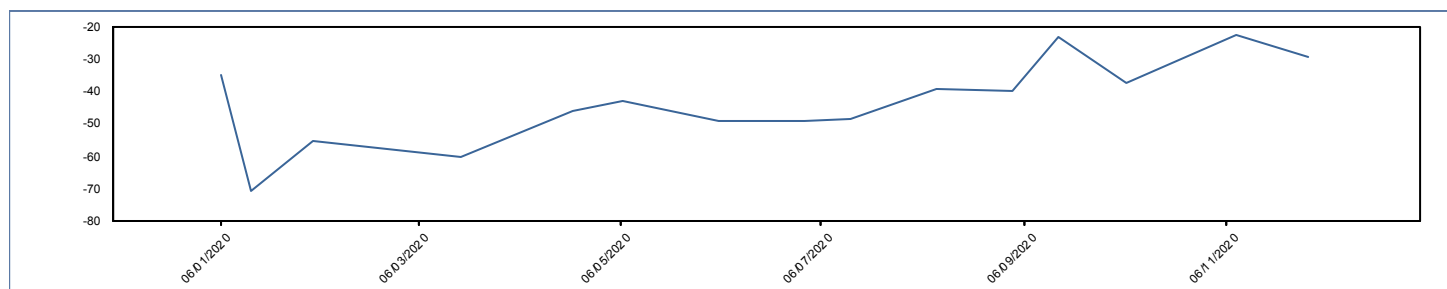
CHIR0079

Number of readings

15

Number of breaches

0



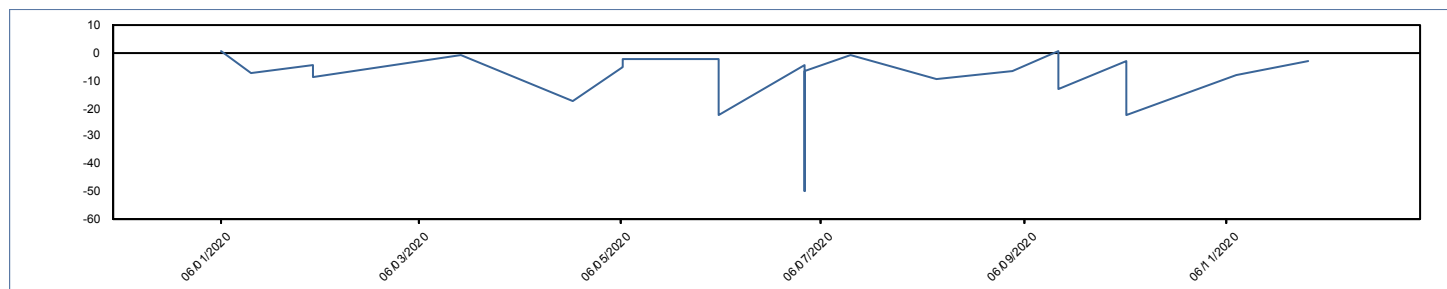
CHIR0080

Number of readings

23

Number of breaches

0



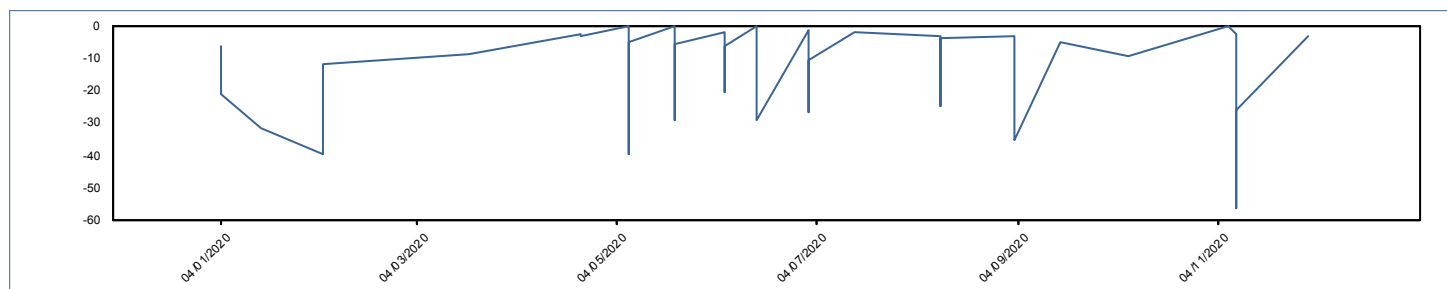
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

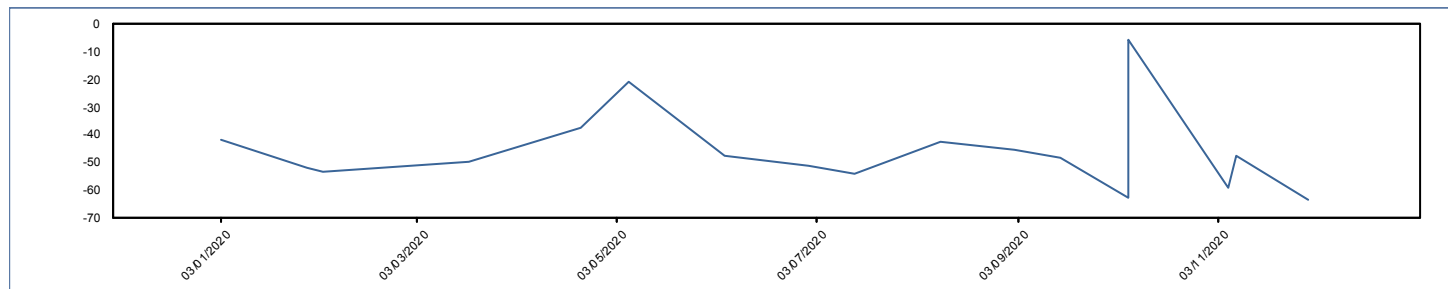
CHIR0091

Number of readings

17

Number of breaches

0



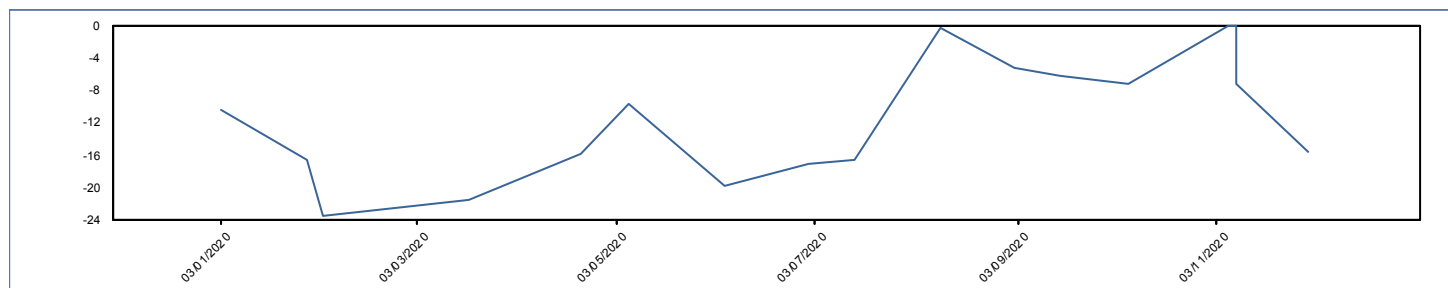
CHIR0093

Number of readings

17

Number of breaches

0



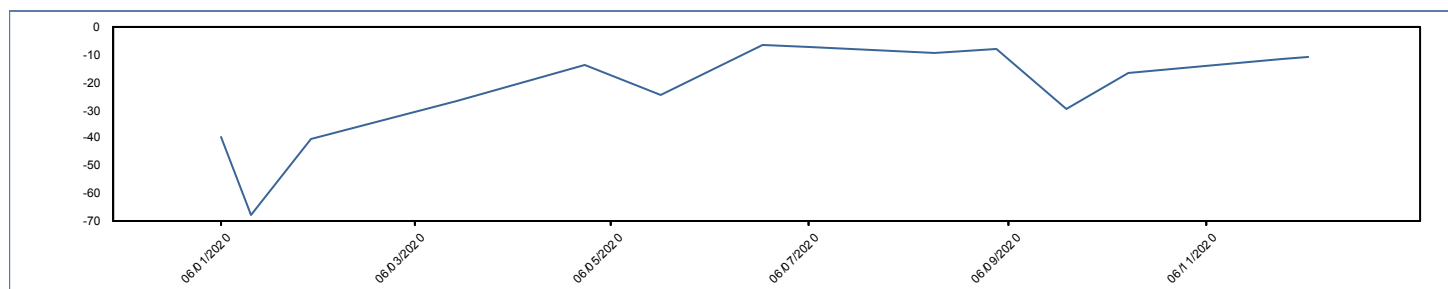
CHIR252R

Number of readings

14

Number of breaches

0



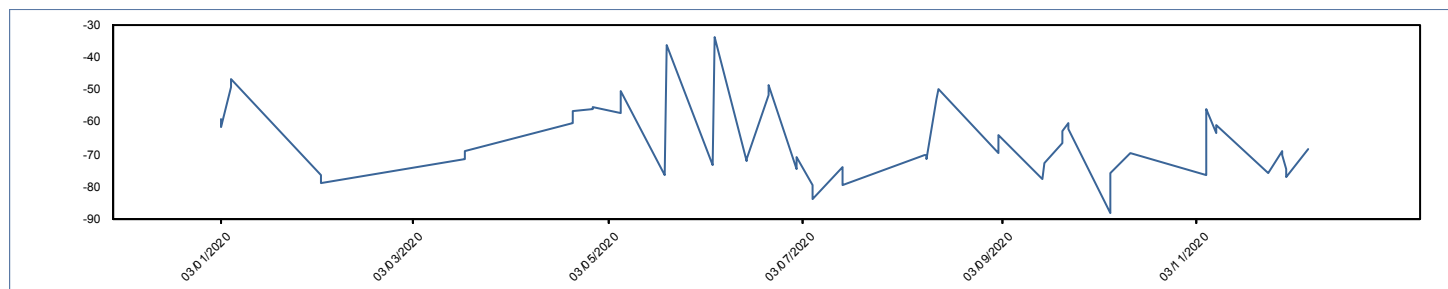
CHISITE1

Number of readings

57

Number of breaches

0



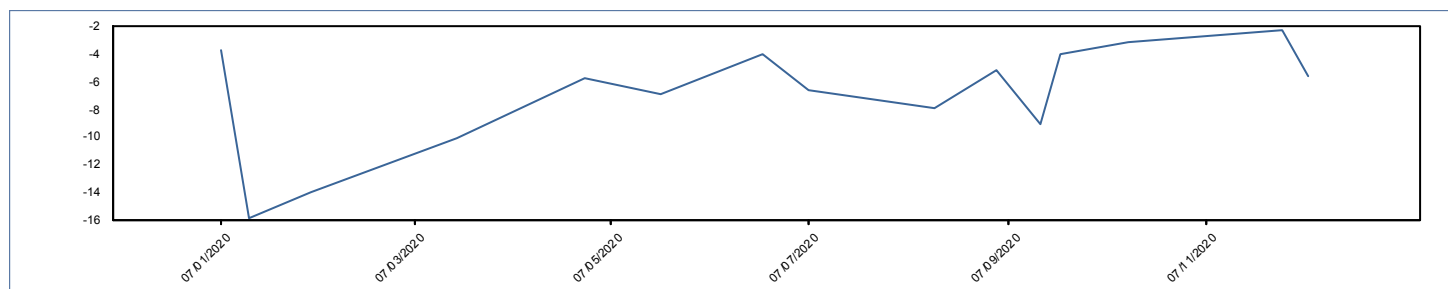
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

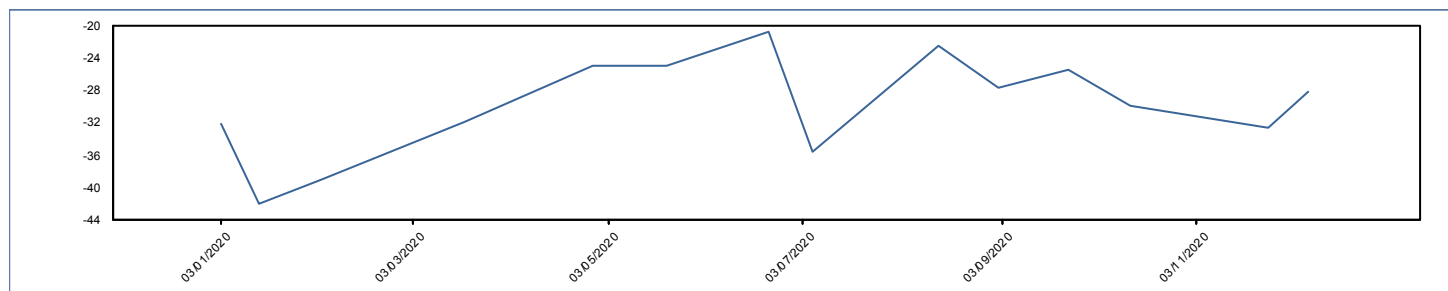
CHI0065

Number of readings

14

Number of breaches

0



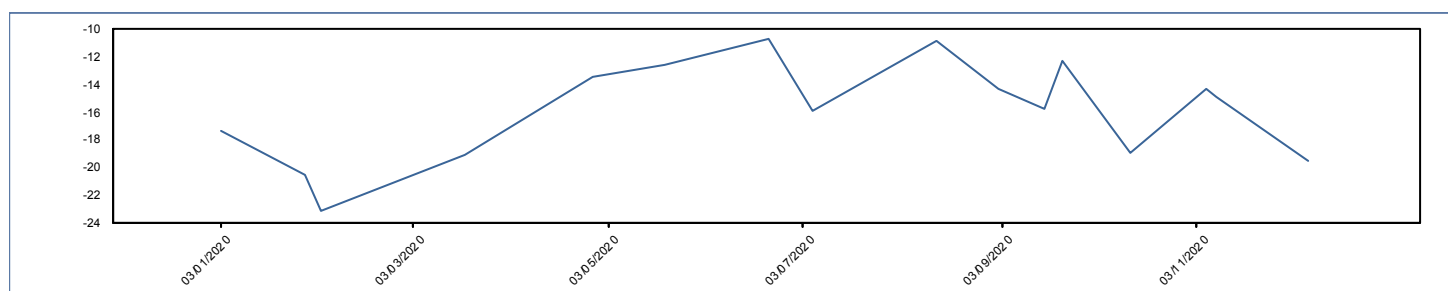
CHI0066

Number of readings

16

Number of breaches

0



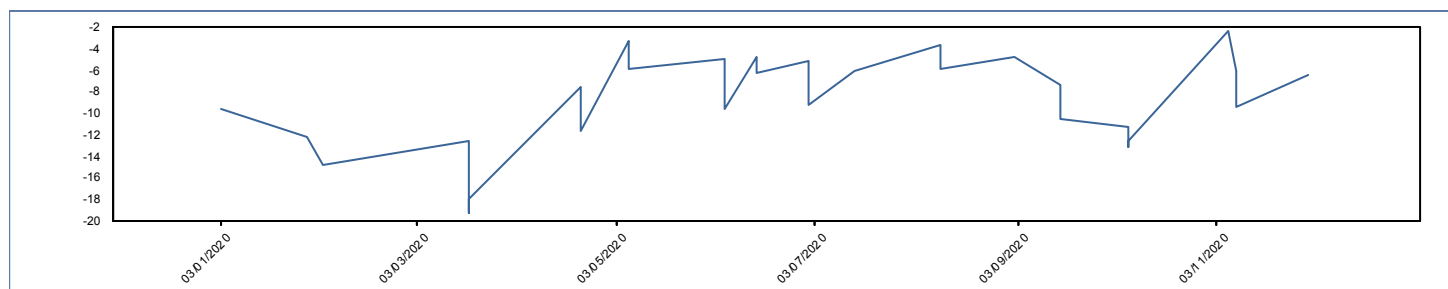
CHI0067

Number of readings

37

Number of breaches

0



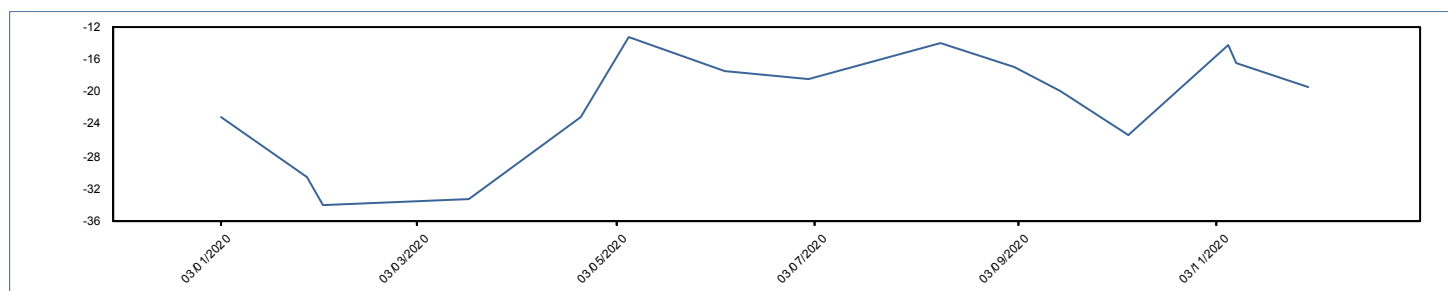
CHI0068

Number of readings

15

Number of breaches

0



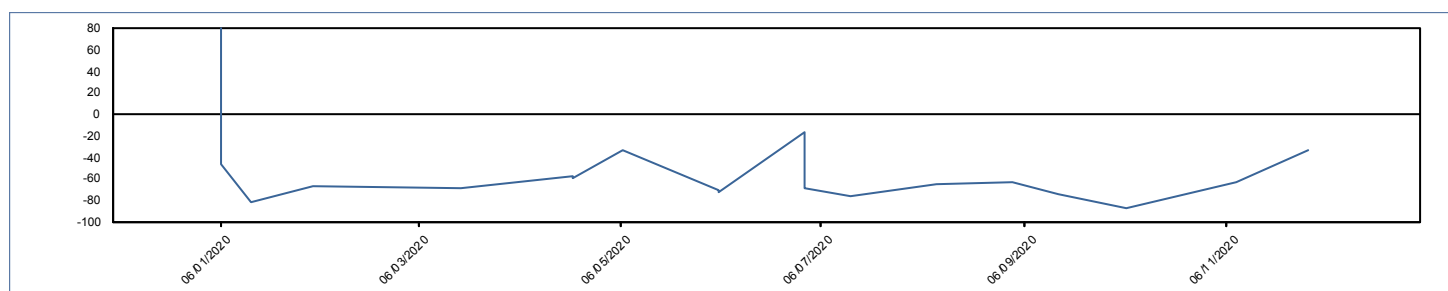
CHI0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

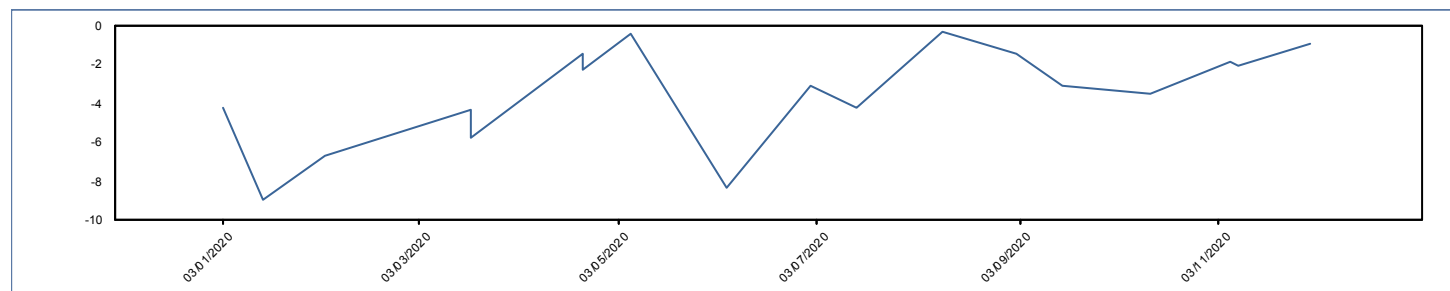
CHIW0082

Number of readings

19

Number of breaches

0



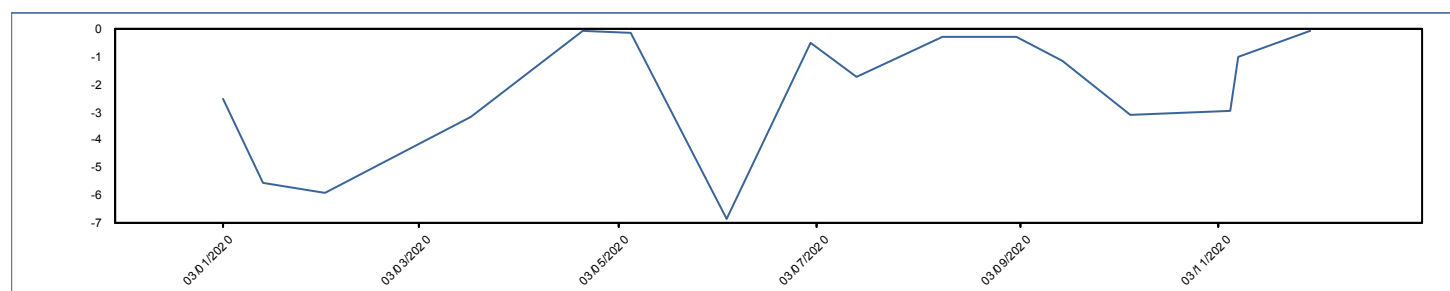
CHIW0083

Number of readings

16

Number of breaches

0



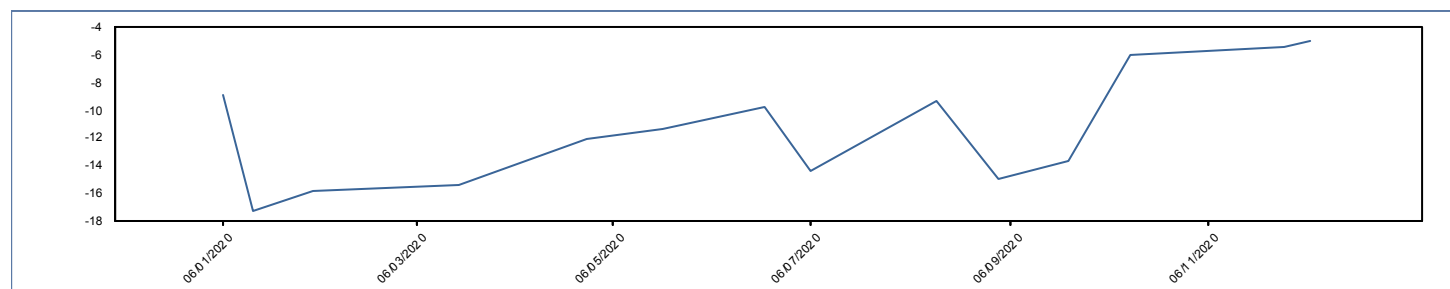
CHIW0084

Number of readings

14

Number of breaches

0



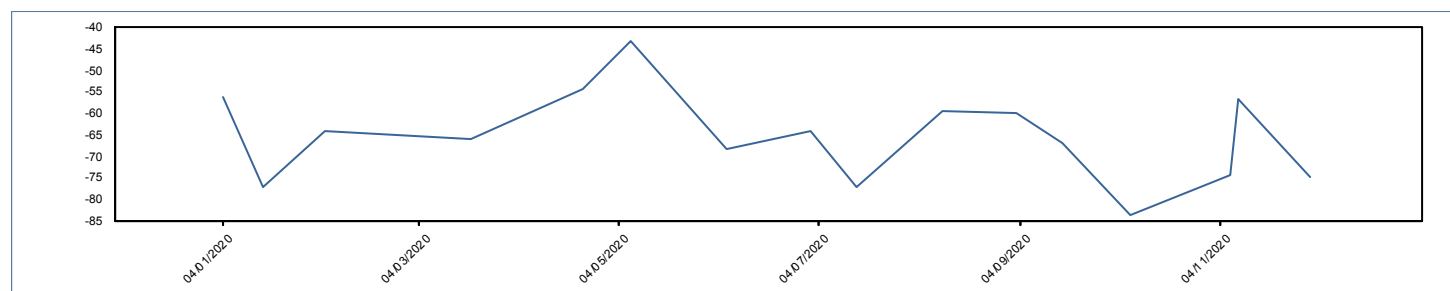
CHIW0089

Number of readings

16

Number of breaches

0



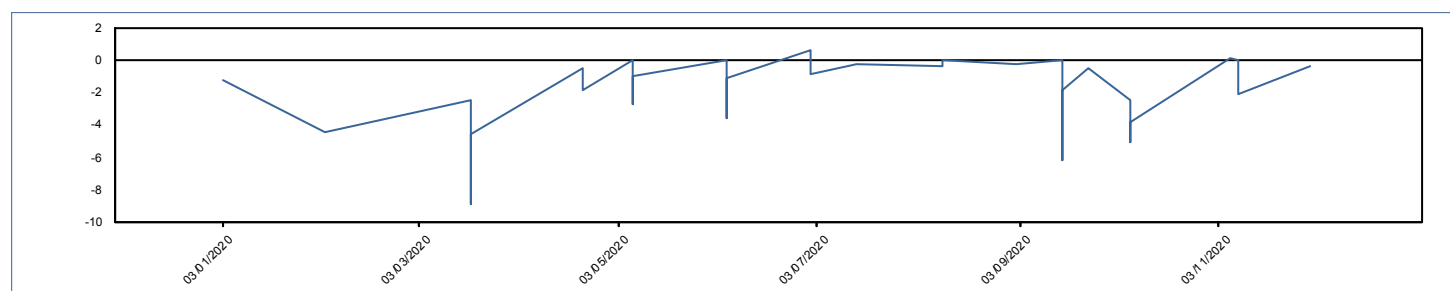
CHIW0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

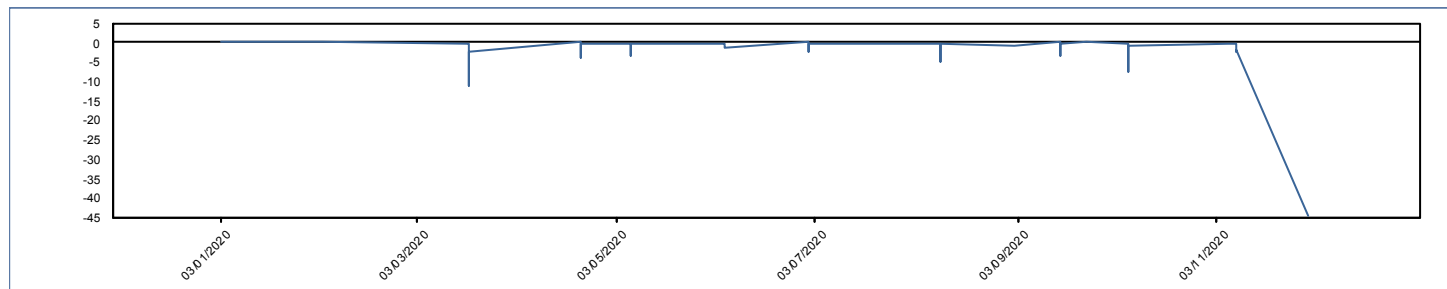
CHI0097

Number of readings

34

Number of breaches

0



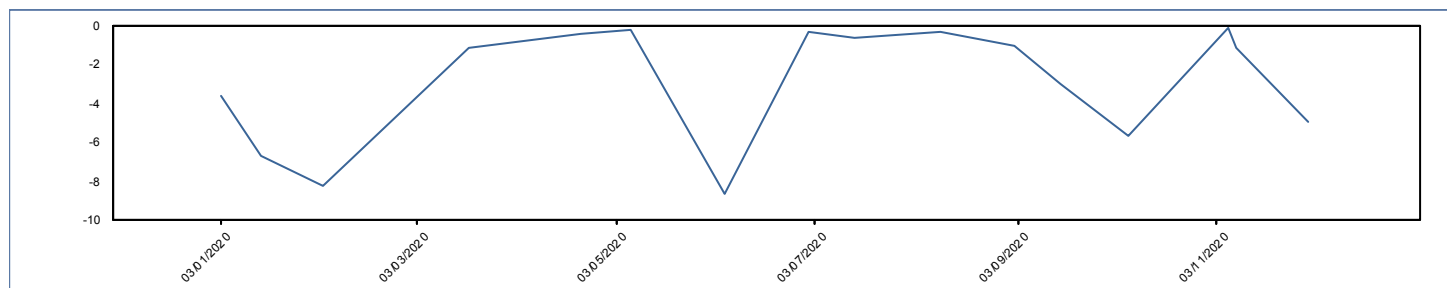
CHI0098

Number of readings

16

Number of breaches

0



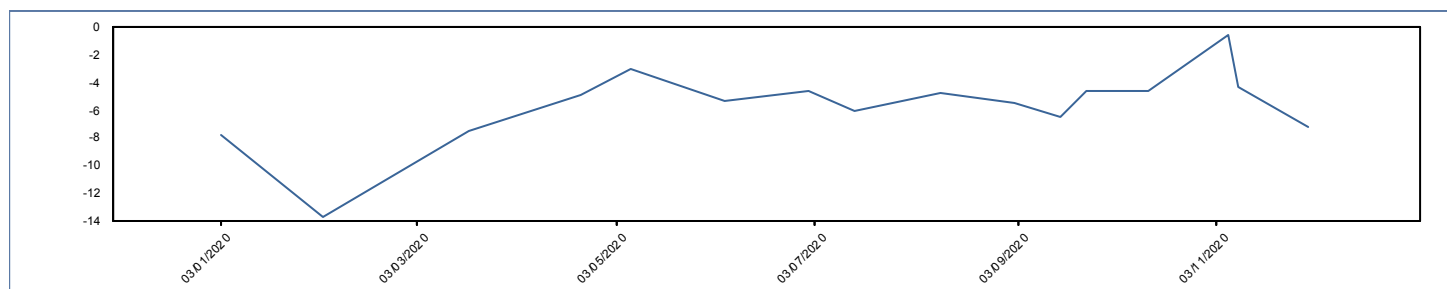
CHI0099

Number of readings

16

Number of breaches

0



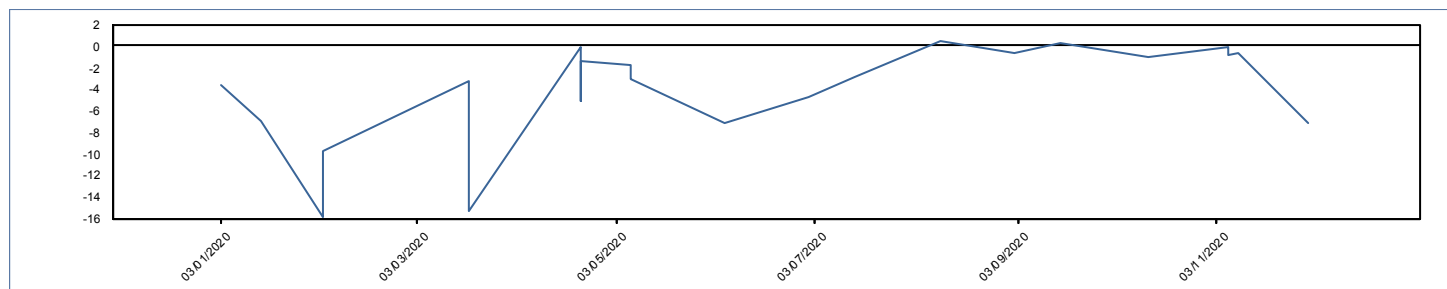
CHI0100

Number of readings

22

Number of breaches

0



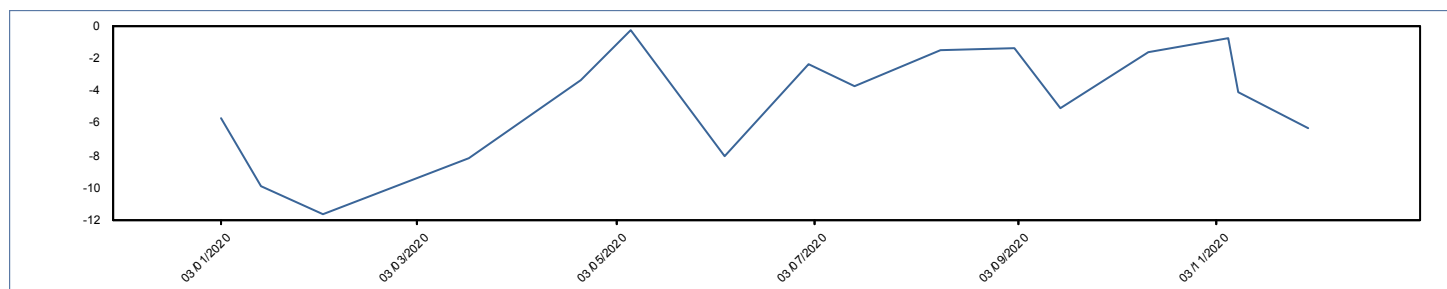
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

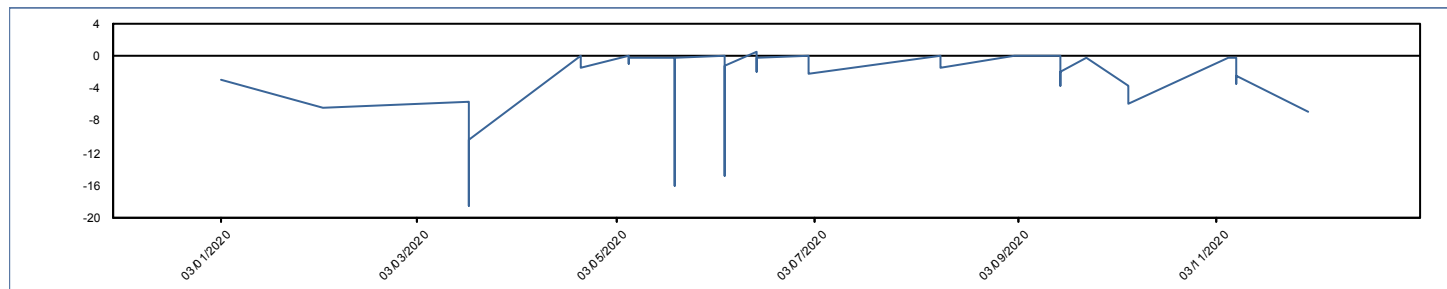
CHI0102

Number of readings

39

Number of breaches

0



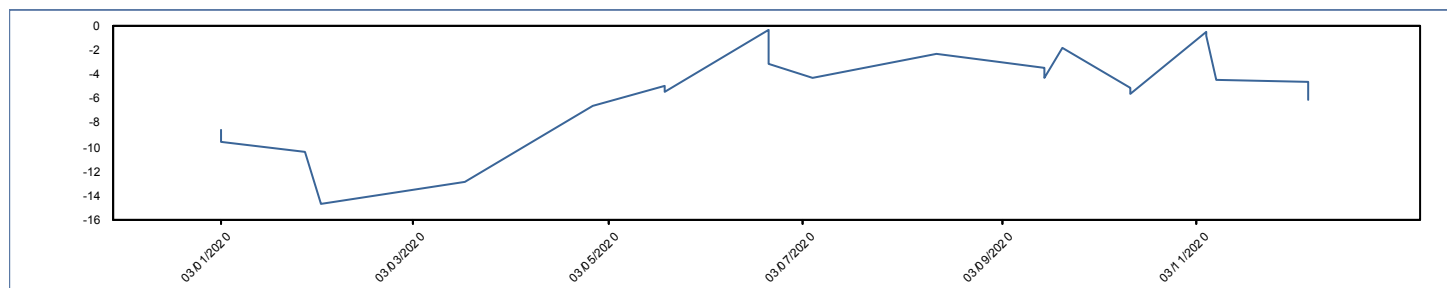
CHI0103

Number of readings

24

Number of breaches

0



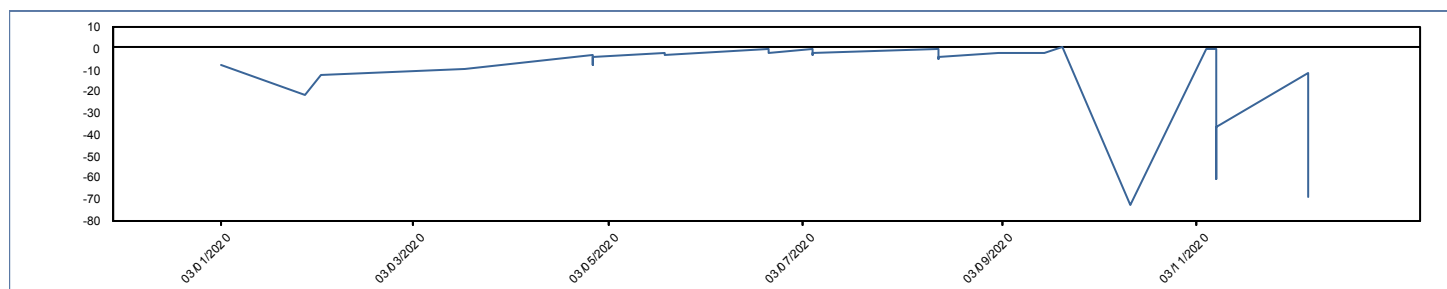
CHI0104

Number of readings

30

Number of breaches

0



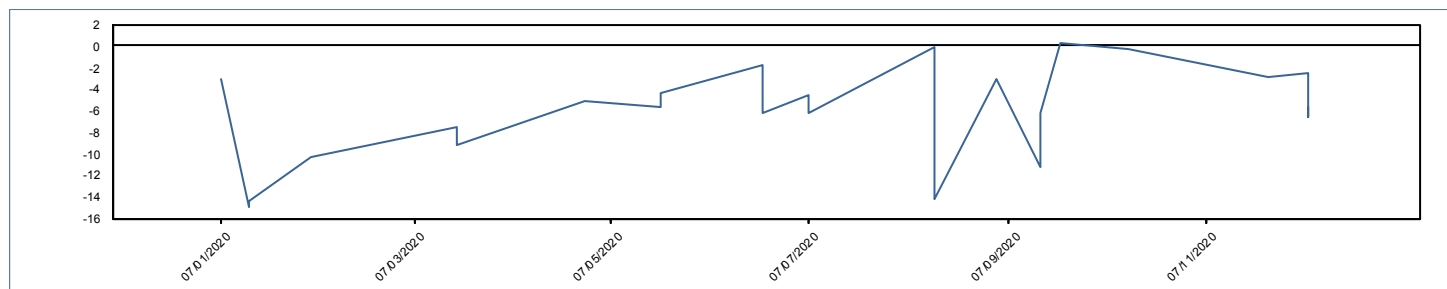
CHI0105

Number of readings

24

Number of breaches

0



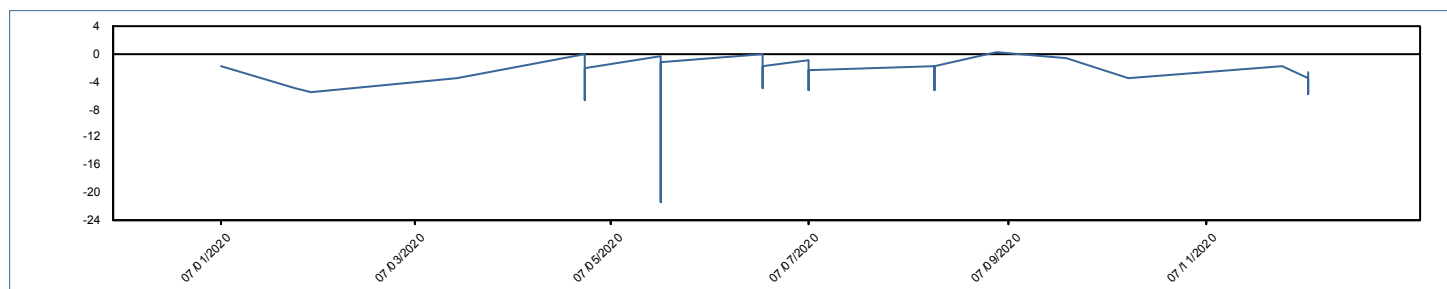
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

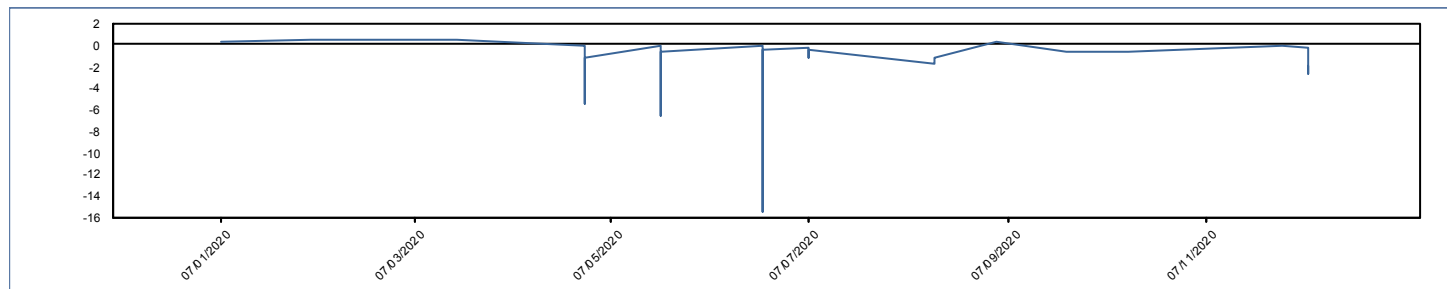
CHI0107

Number of readings

25

Number of breaches

0



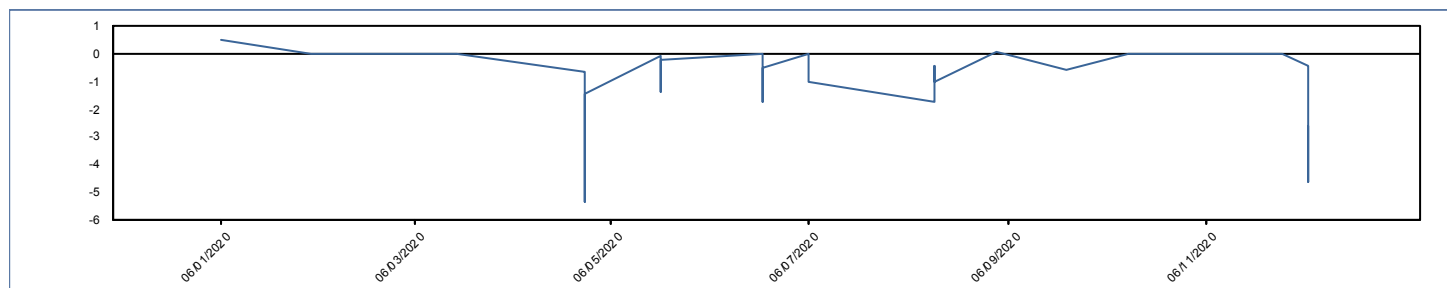
CHI0108

Number of readings

25

Number of breaches

0



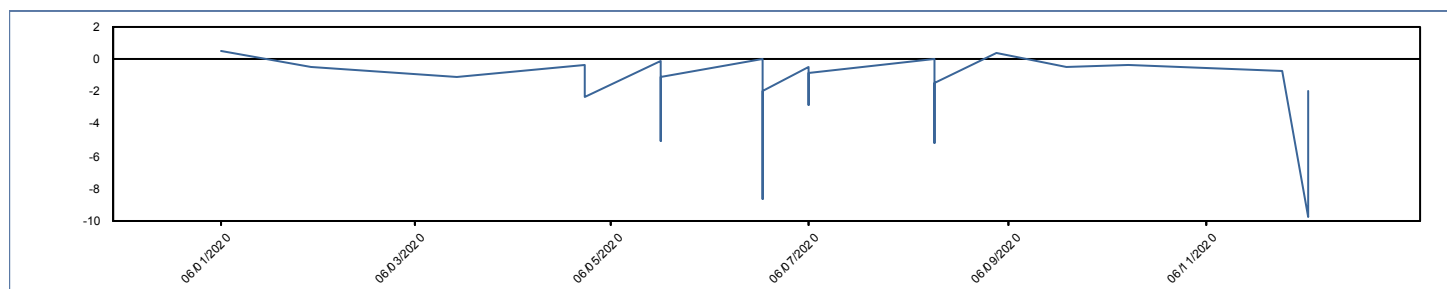
CHI0109

Number of readings

25

Number of breaches

0



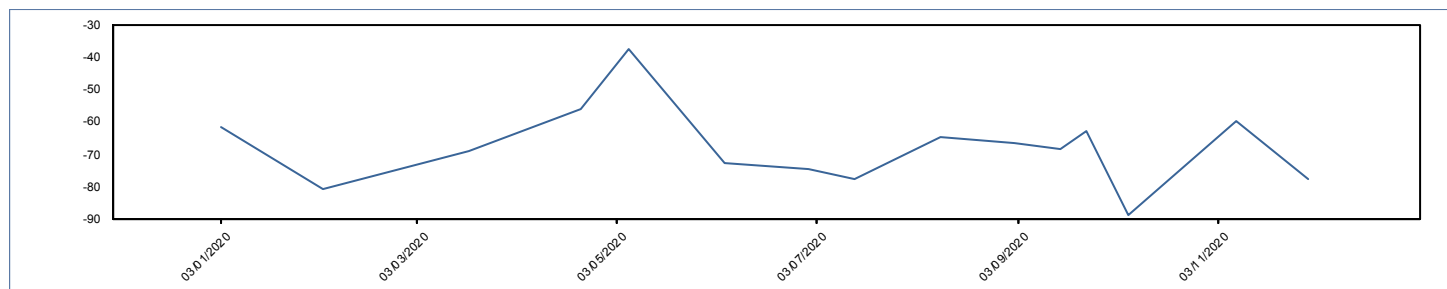
CHI0110

Number of readings

15

Number of breaches

0



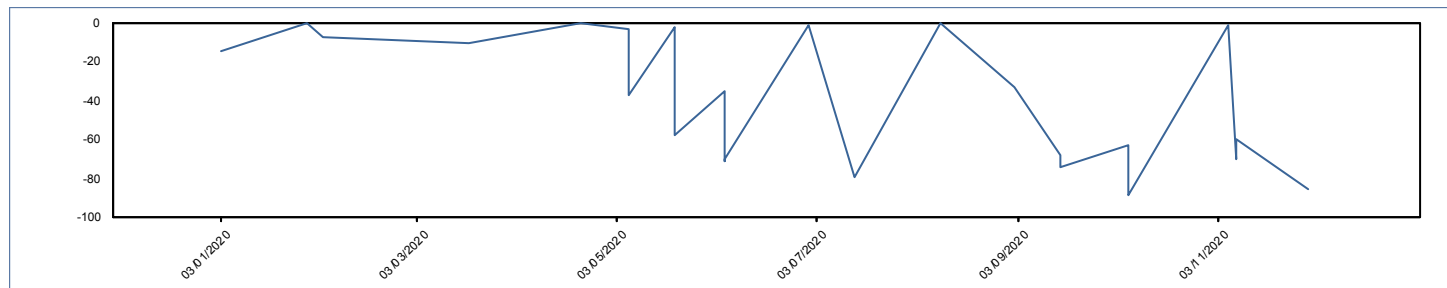
CHI0111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

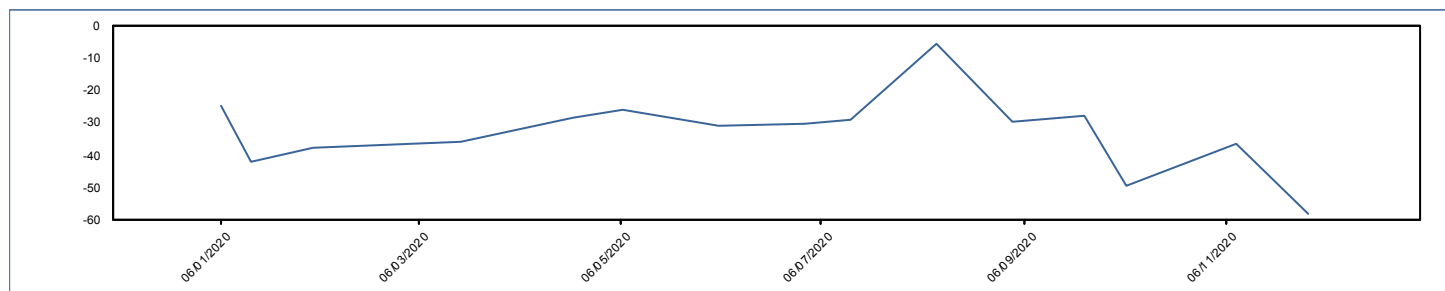
CHI0112

Number of readings

15

Number of breaches

0



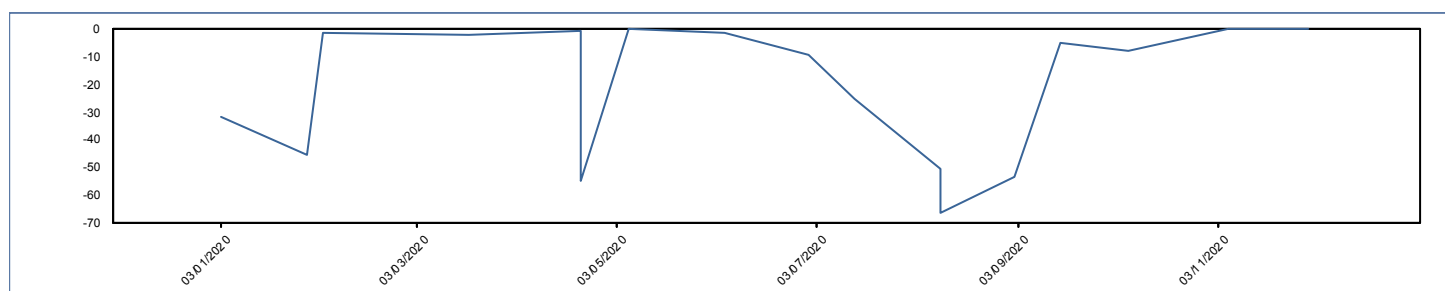
CHI0113

Number of readings

20

Number of breaches

0



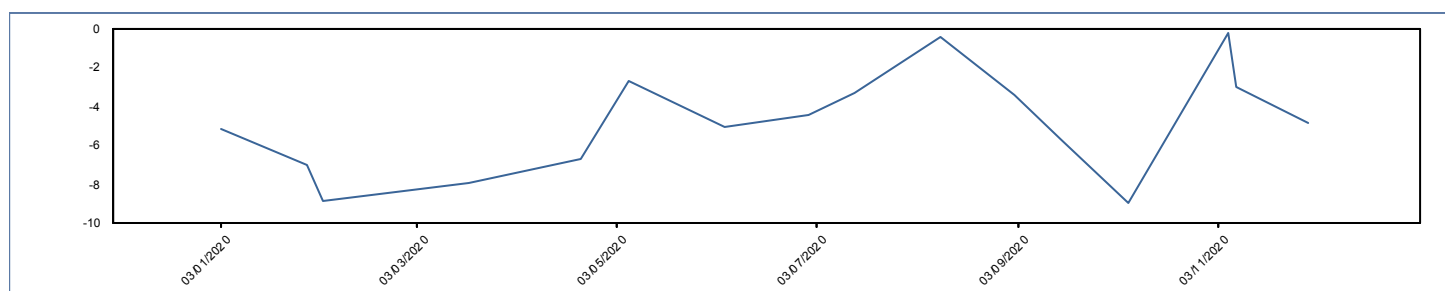
CHI0115

Number of readings

16

Number of breaches

0



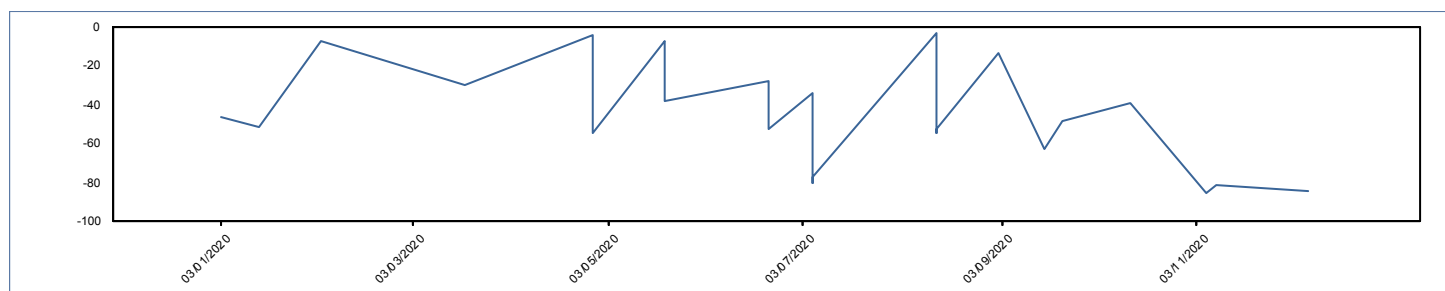
CHI0116

Number of readings

26

Number of breaches

0



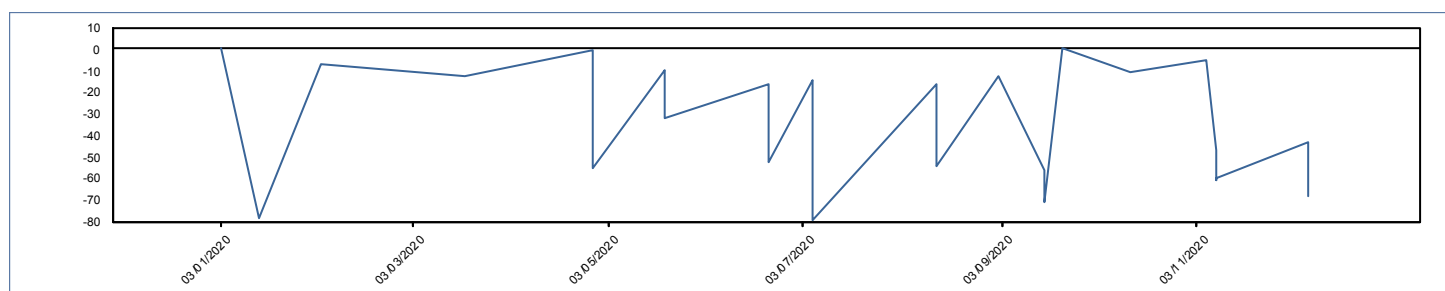
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

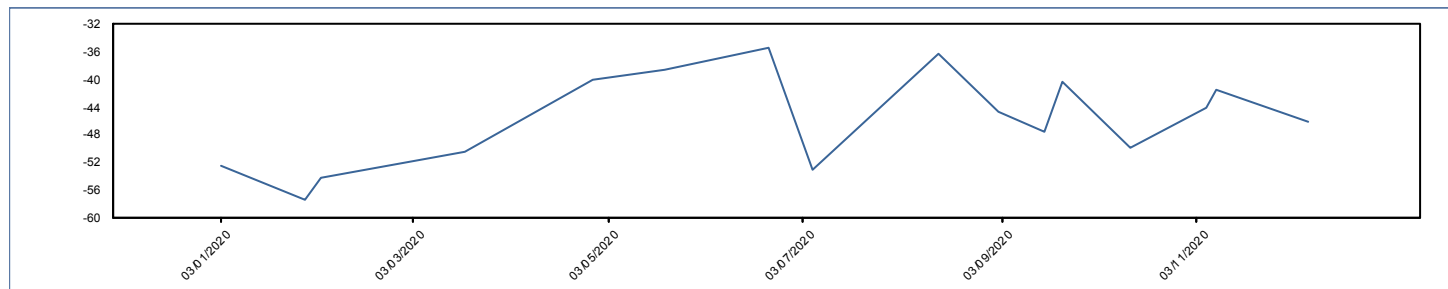
CHIWO118

Number of readings

16

Number of breaches

0



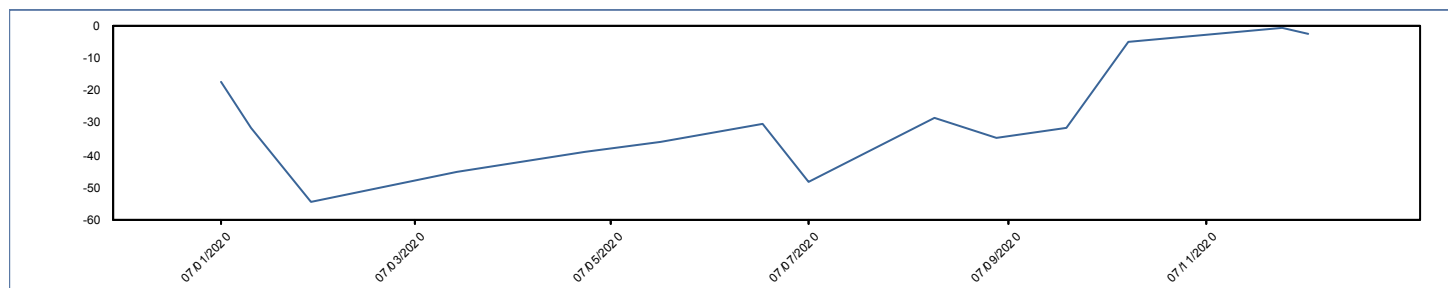
CHIWO120

Number of readings

14

Number of breaches

0



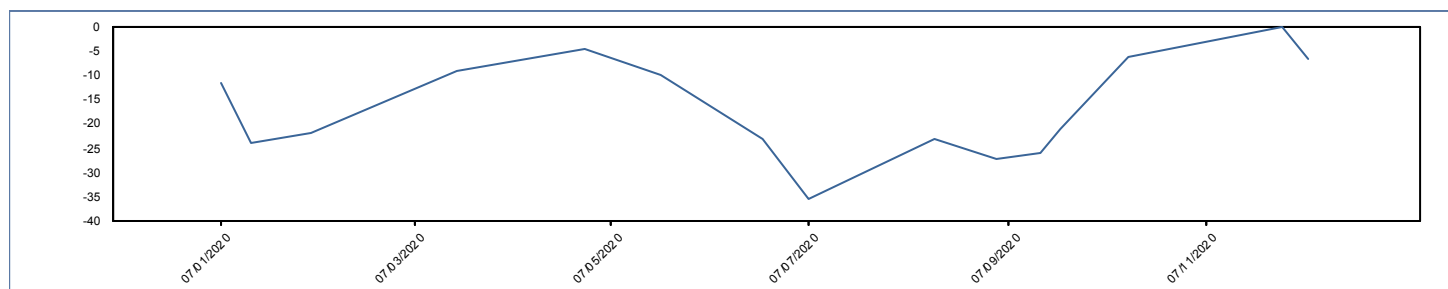
CHIWO121

Number of readings

15

Number of breaches

0



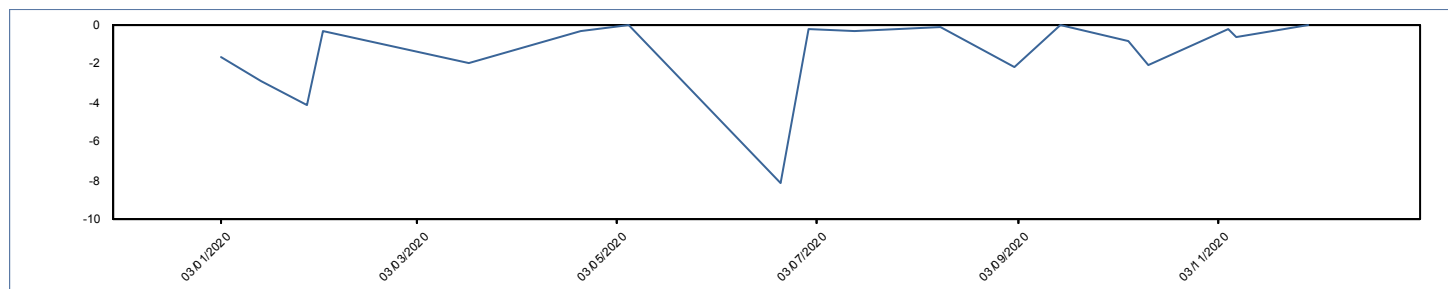
CHIWO123

Number of readings

18

Number of breaches

0



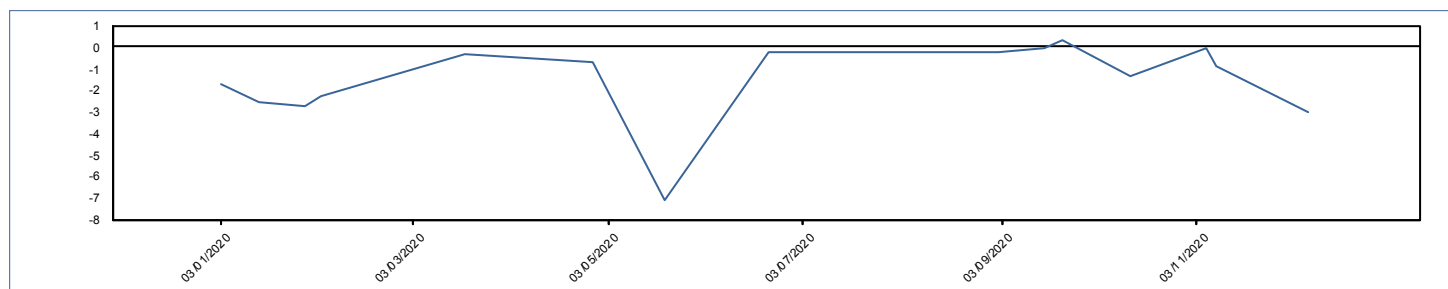
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

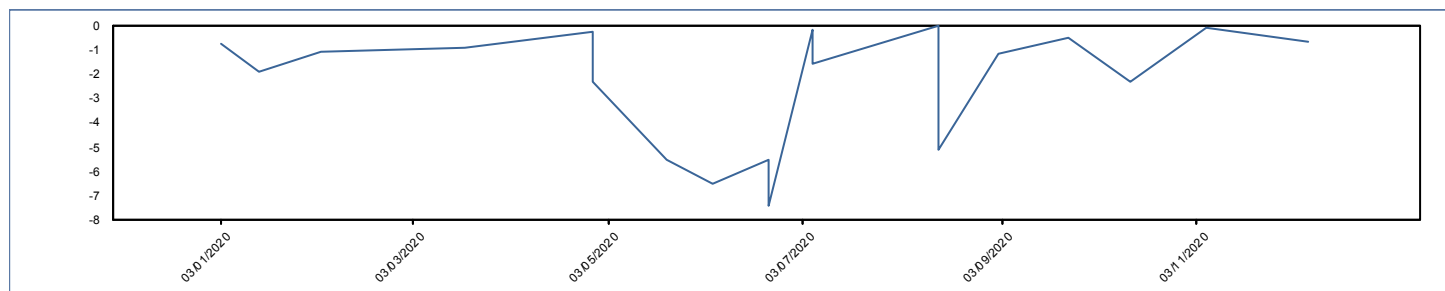
CHI0125

Number of readings

20

Number of breaches

0



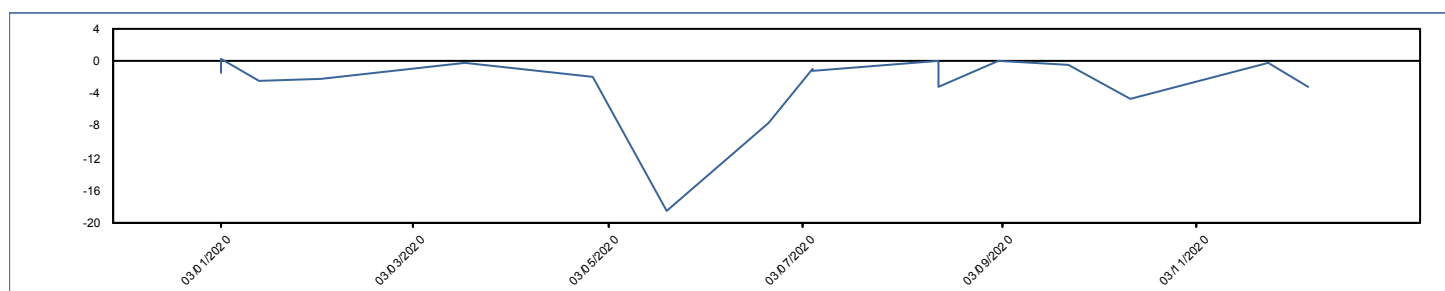
CHI0126

Number of readings

17

Number of breaches

0



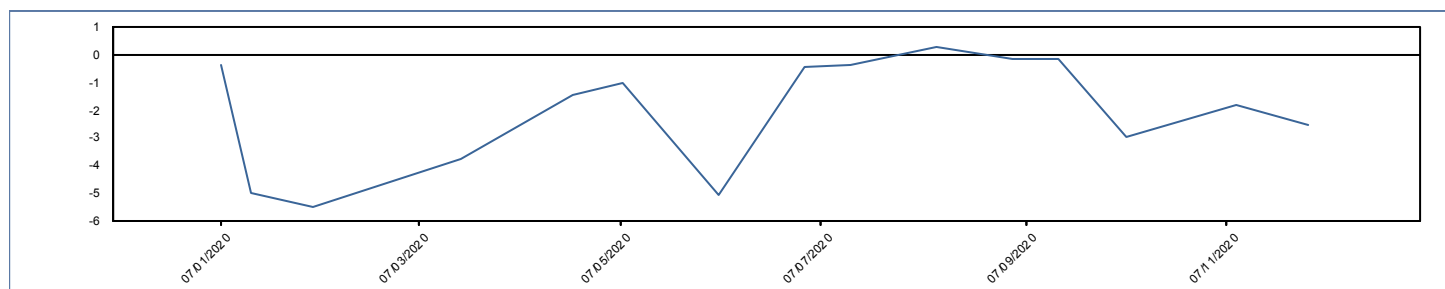
CHI0127

Number of readings

15

Number of breaches

0



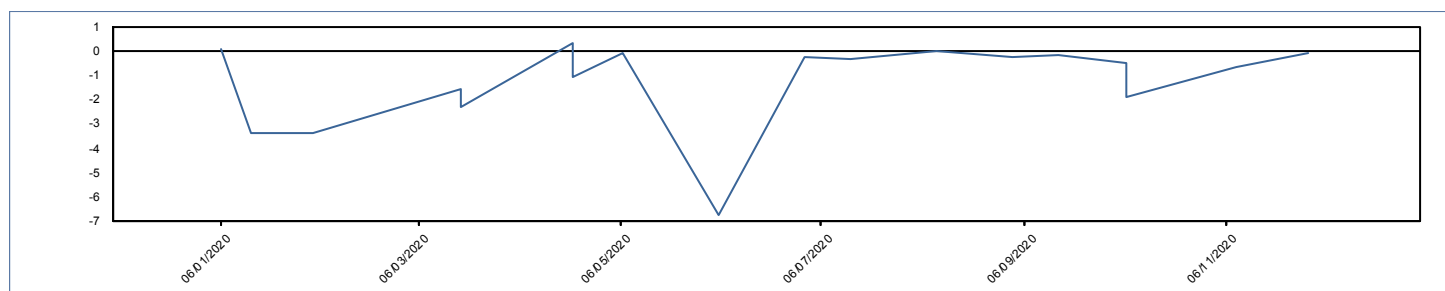
CHI0128

Number of readings

19

Number of breaches

0



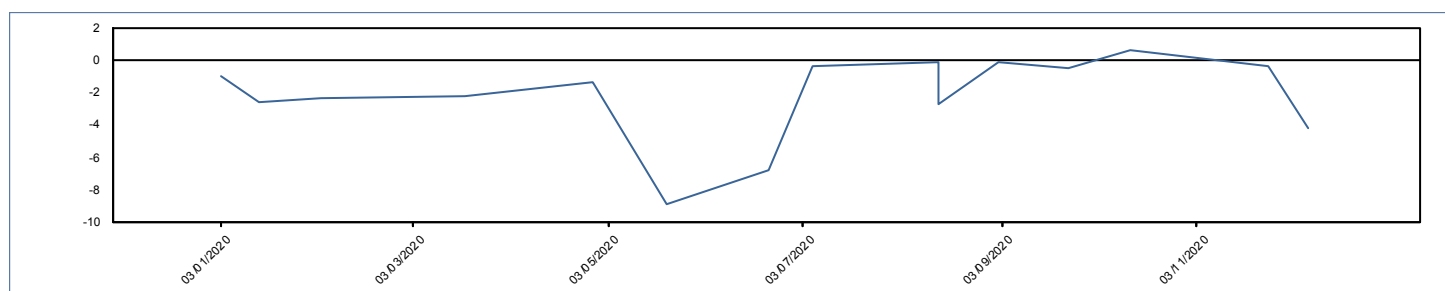
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

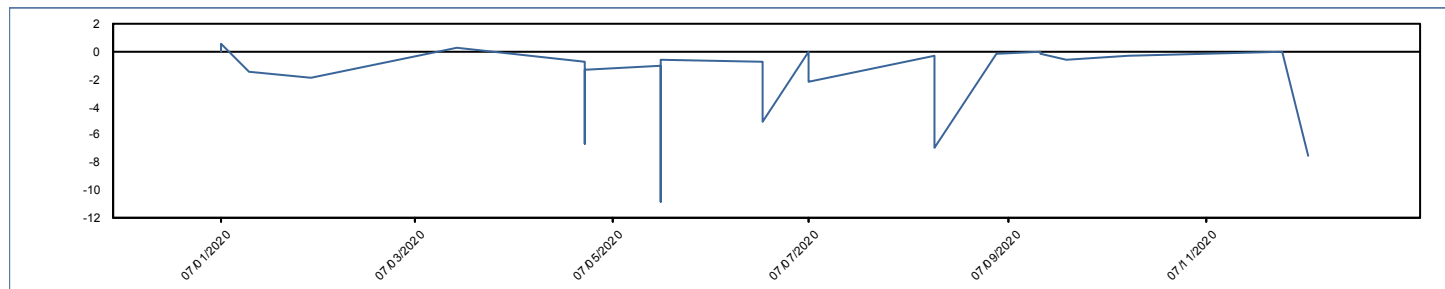
CHIWI1602

Number of readings

25

Number of breaches

0



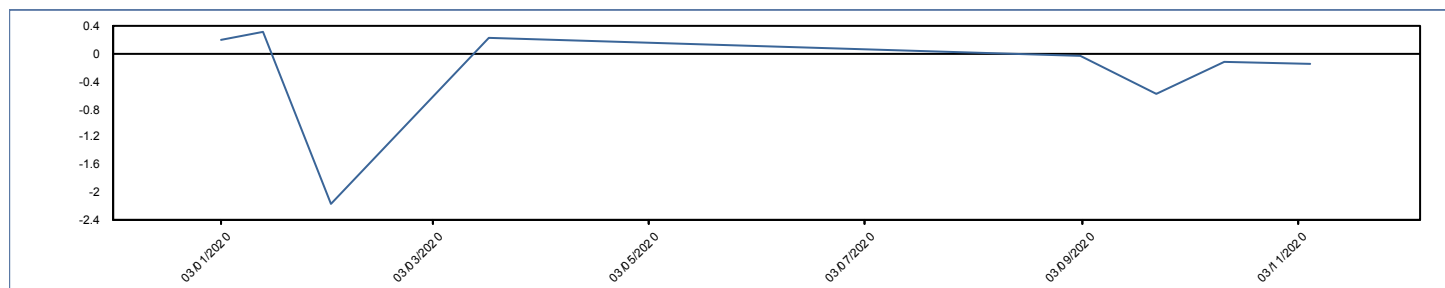
CHIWI1603

Number of readings

8

Number of breaches

0



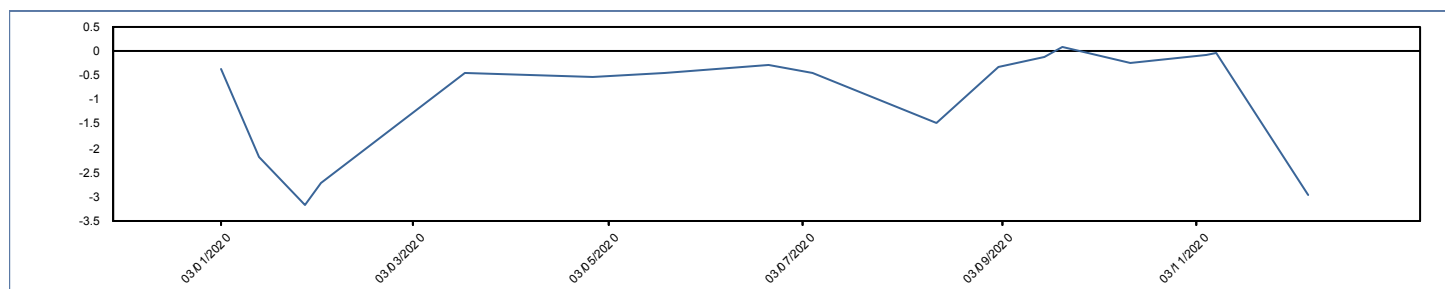
CHIWI1604

Number of readings

17

Number of breaches

0



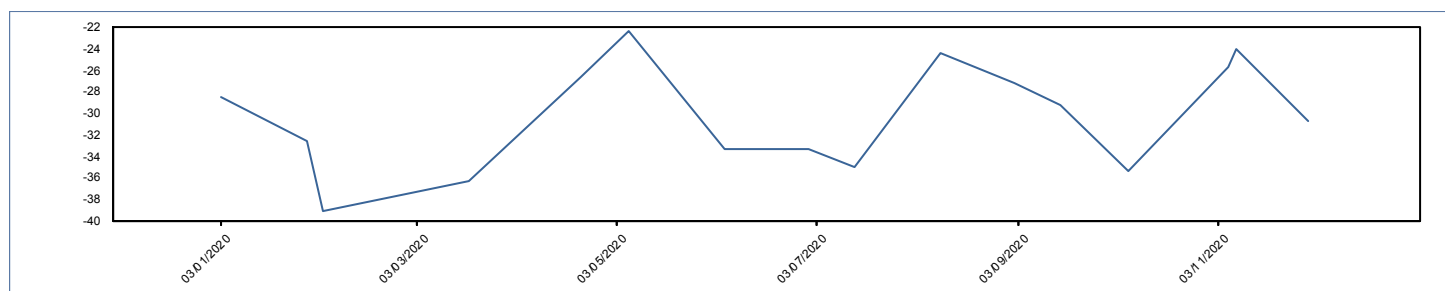
CHIWI1605

Number of readings

16

Number of breaches

0



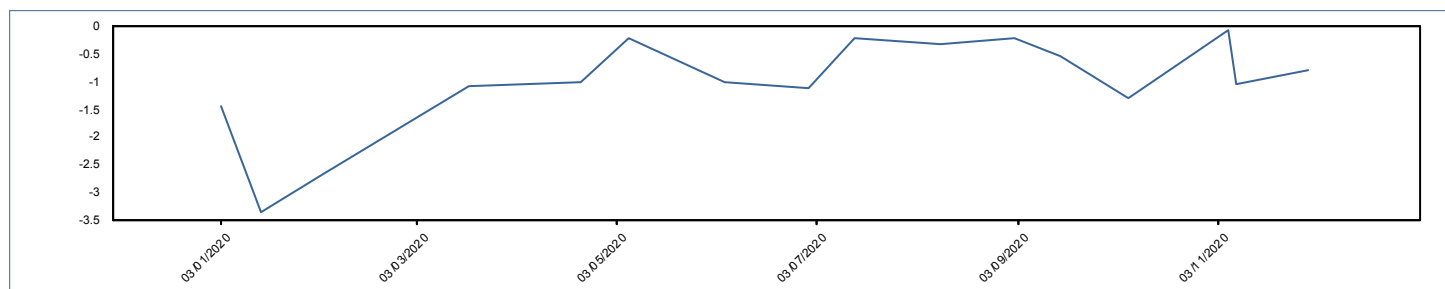
CHIWI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

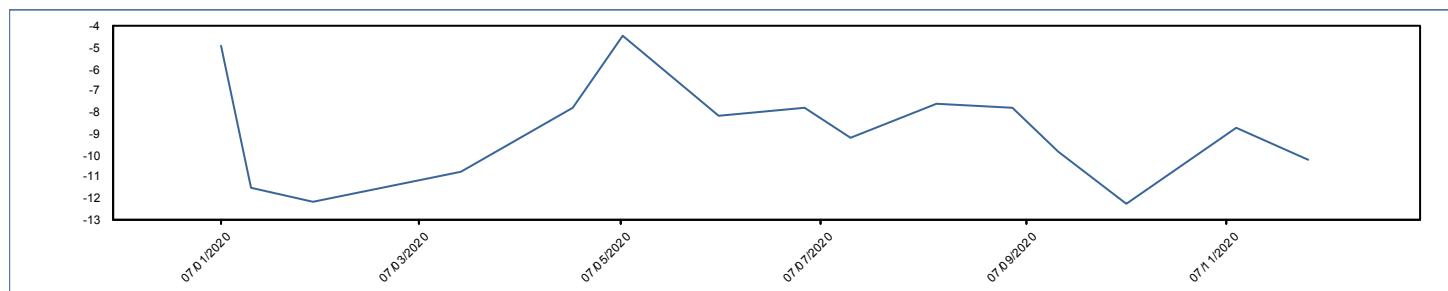
CHI1608

Number of readings

15

Number of breaches

0



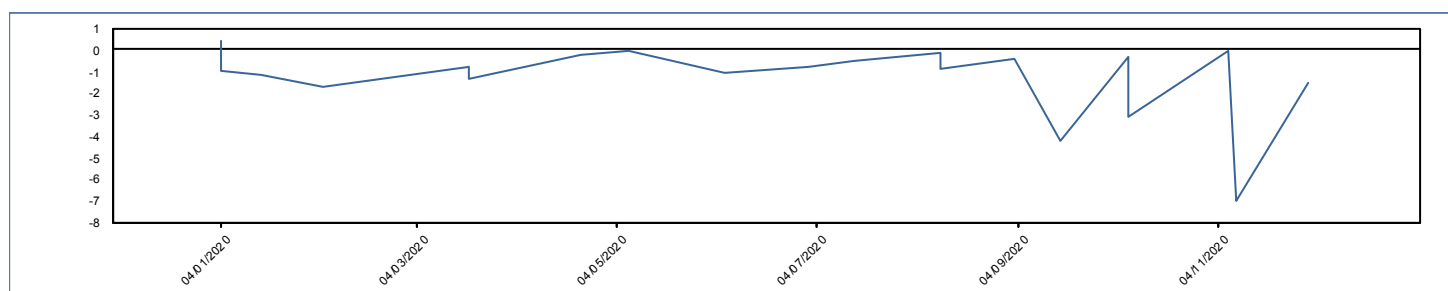
CHI1609

Number of readings

20

Number of breaches

0



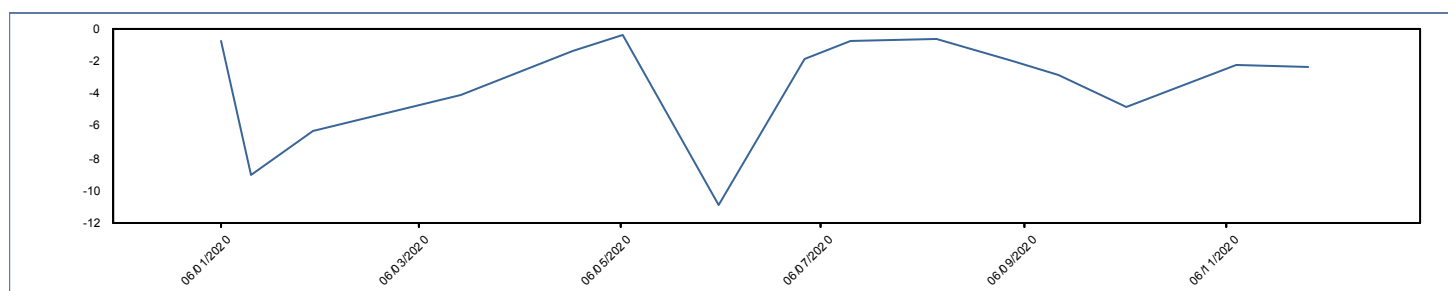
CHI1610

Number of readings

15

Number of breaches

0



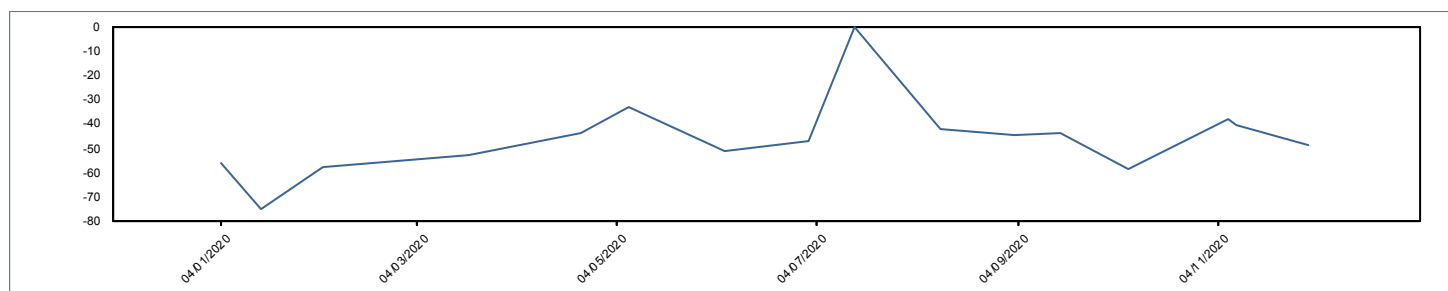
CHI1611

Number of readings

16

Number of breaches

0



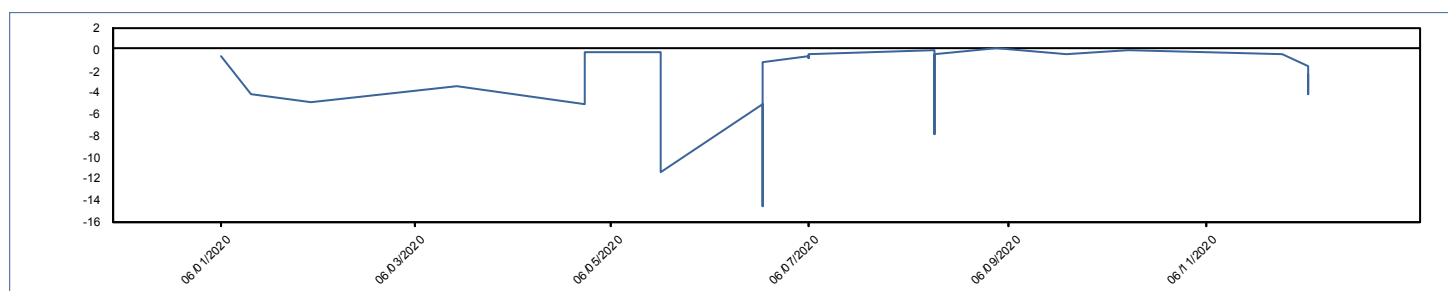
CHI1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

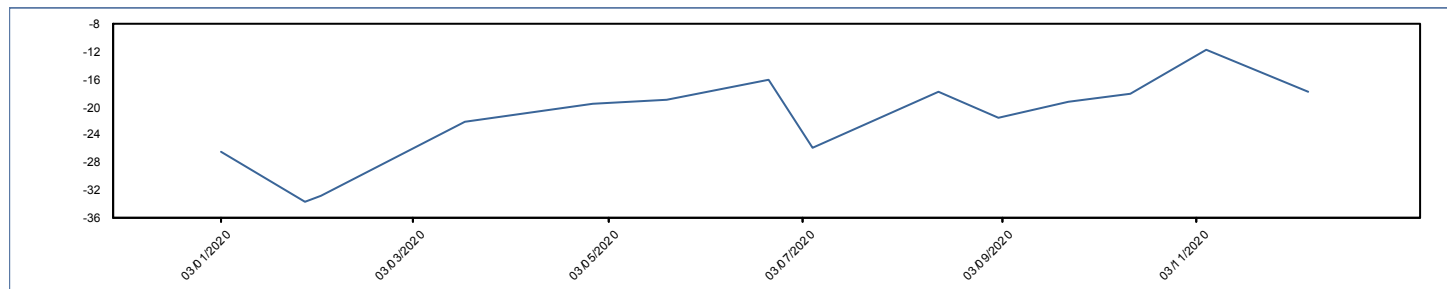
GW44

Number of readings

14

Number of breaches

0



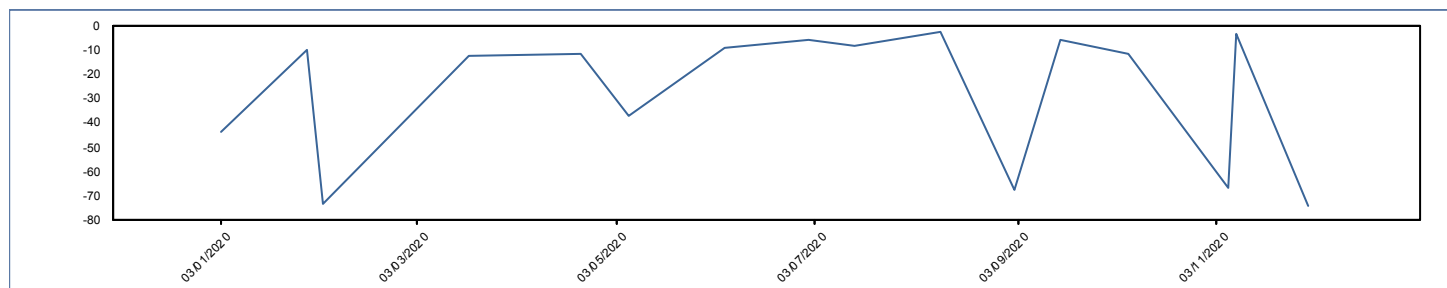
GW48

Number of readings

16

Number of breaches

0



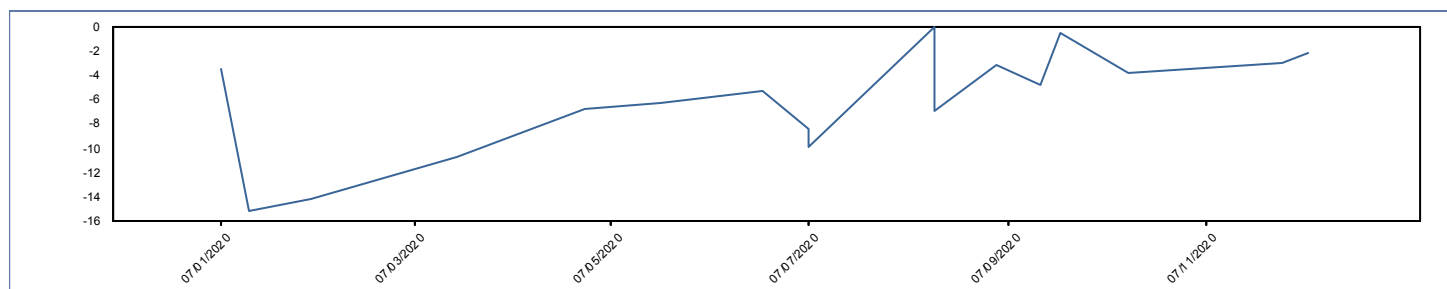
GW56

Number of readings

17

Number of breaches

0



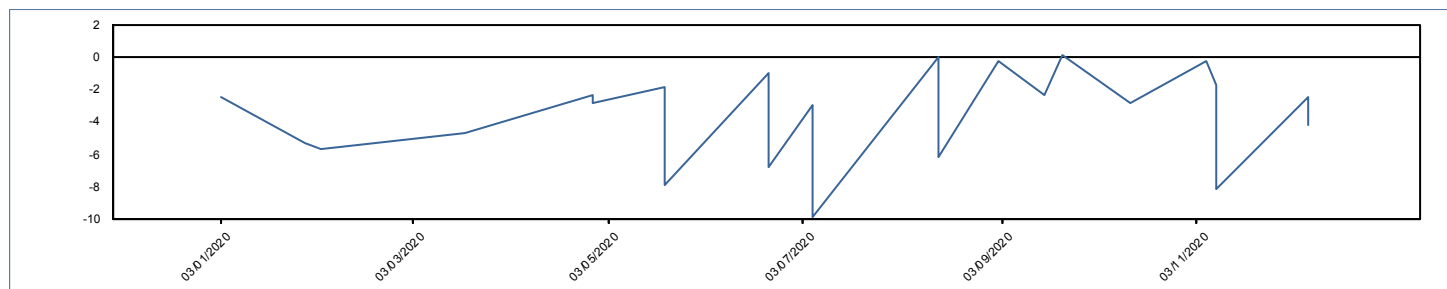
GW57

Number of readings

30

Number of breaches

0



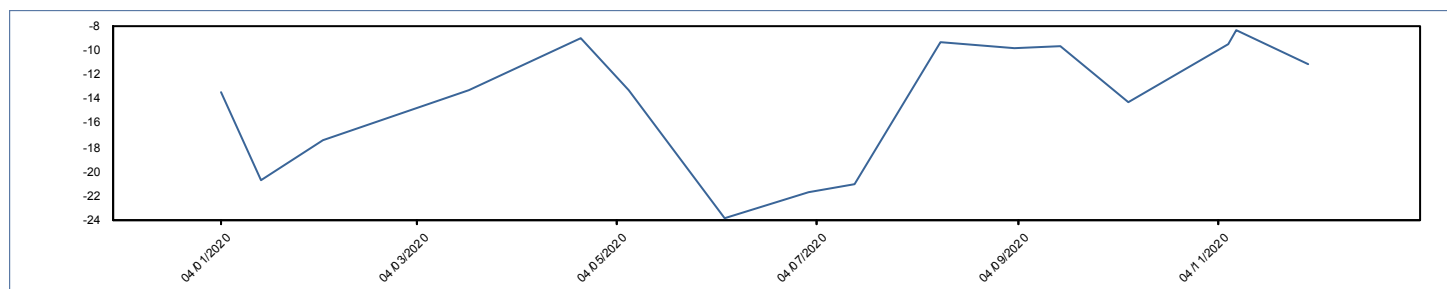
GW88

Number of readings

16

Number of breaches

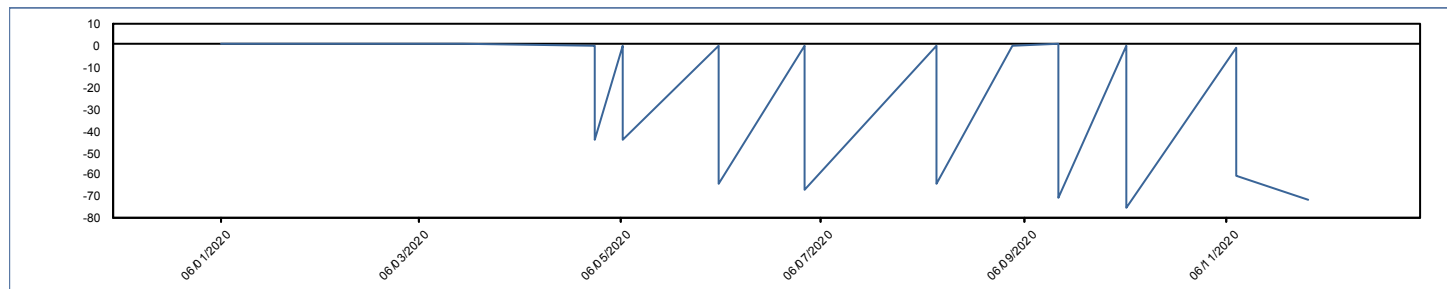
0



Data from: 1 Jan 2020 to: 31 Dec 2020

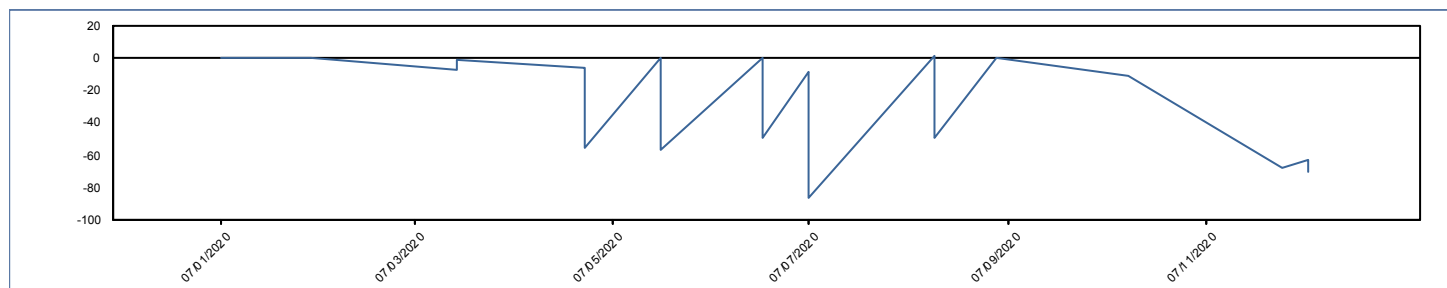
LC005A

Number of readings 29 Number of breaches 0



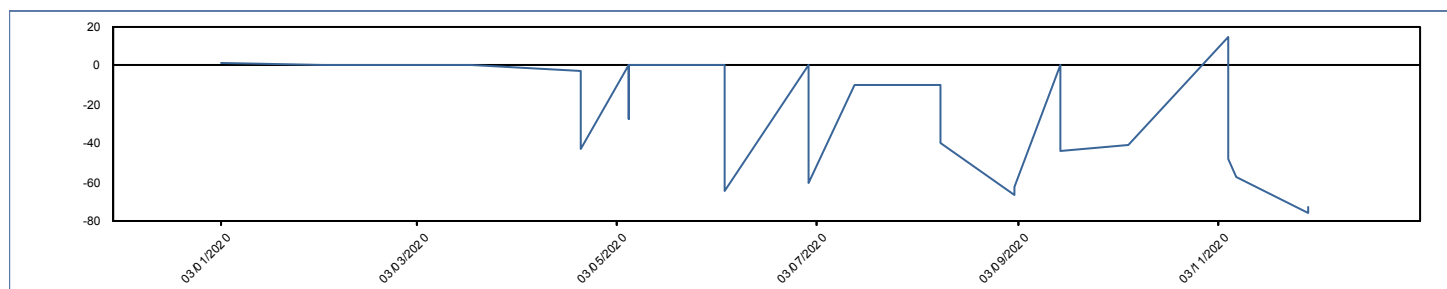
LC01B

Number of readings 24 Number of breaches 0



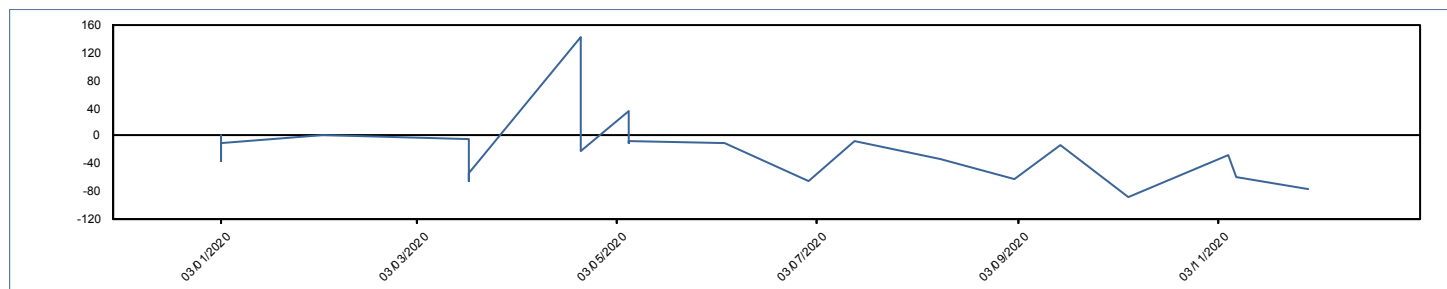
LM04B

Number of readings 28 Number of breaches 0



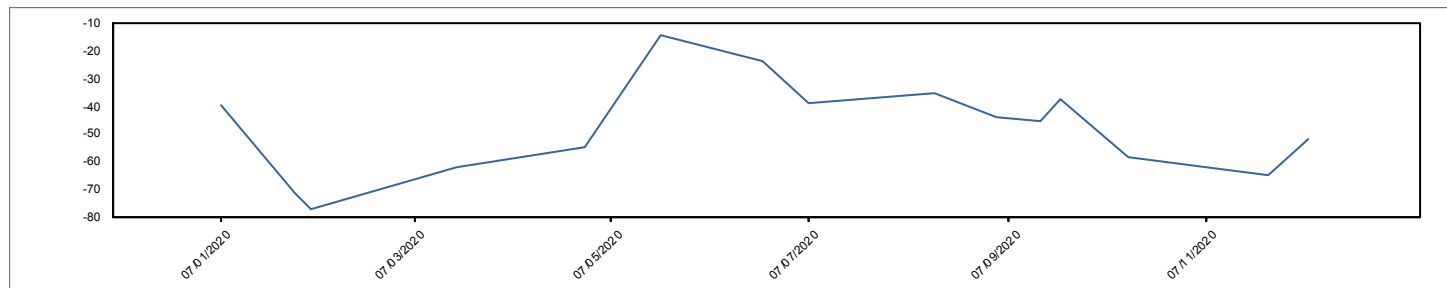
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

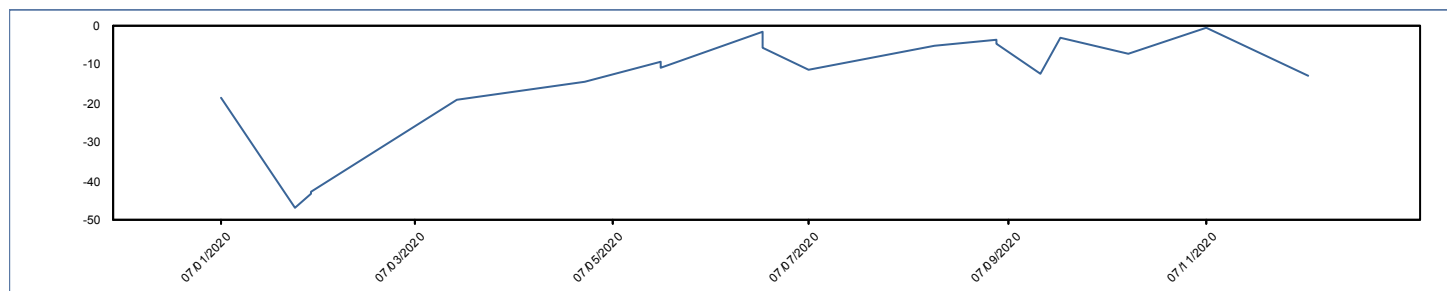
PBLFGXGW03

Number of readings

19

Number of breaches

0



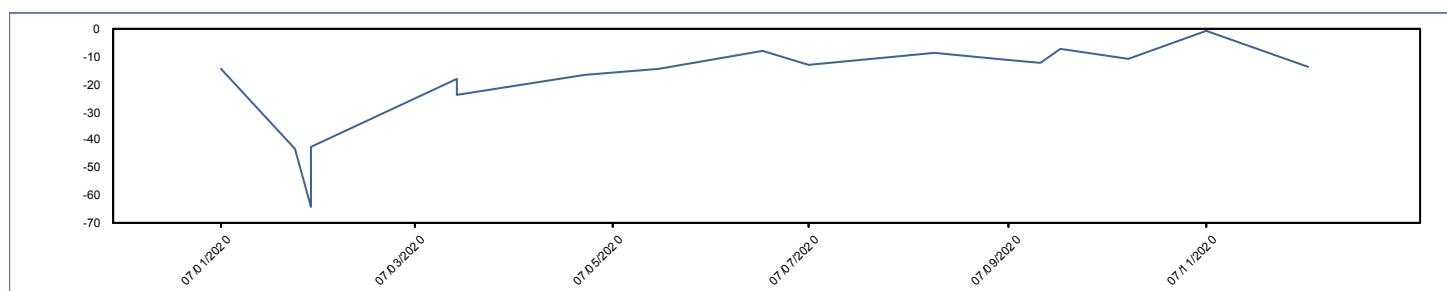
PBLFGXGW07

Number of readings

17

Number of breaches

0



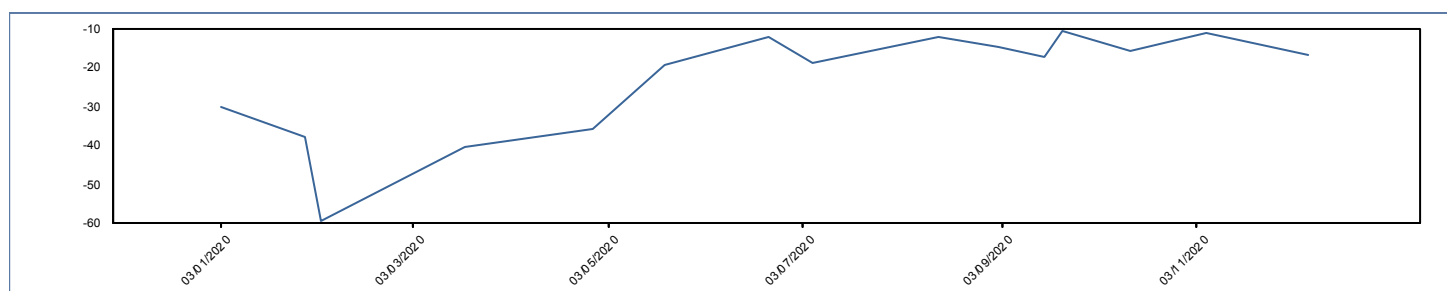
PBLFGXGW18

Number of readings

15

Number of breaches

0



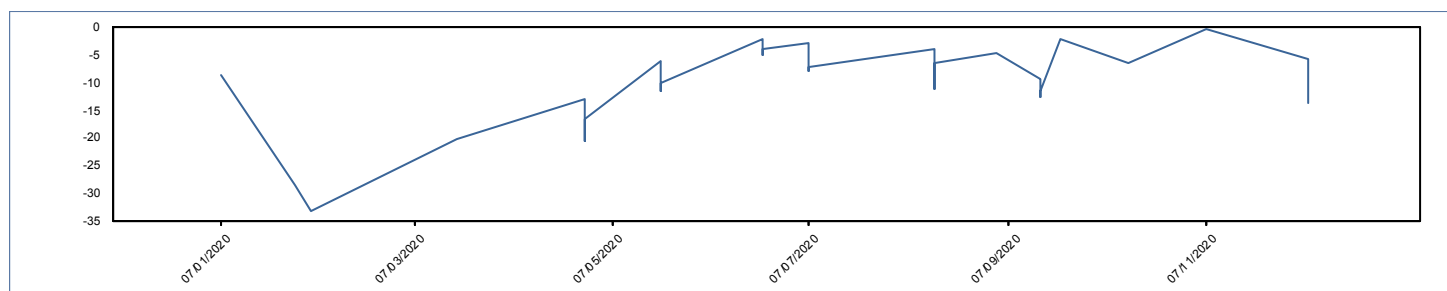
PBLFGXGW28

Number of readings

29

Number of breaches

0



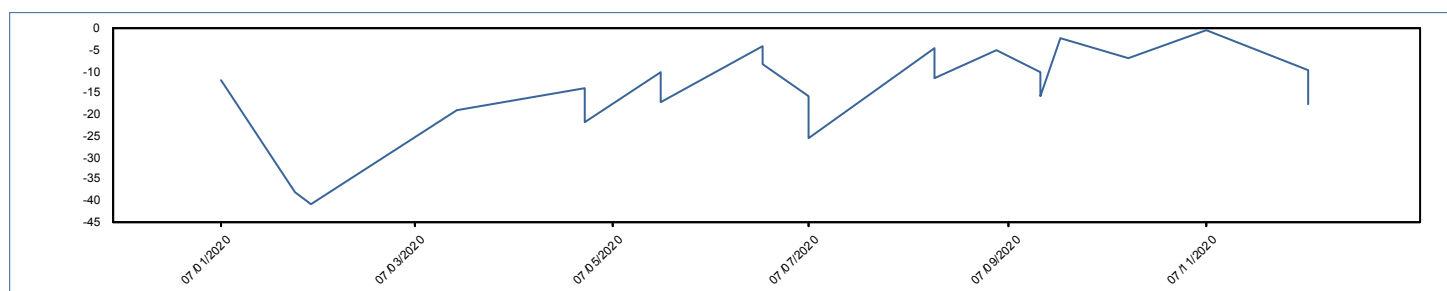
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

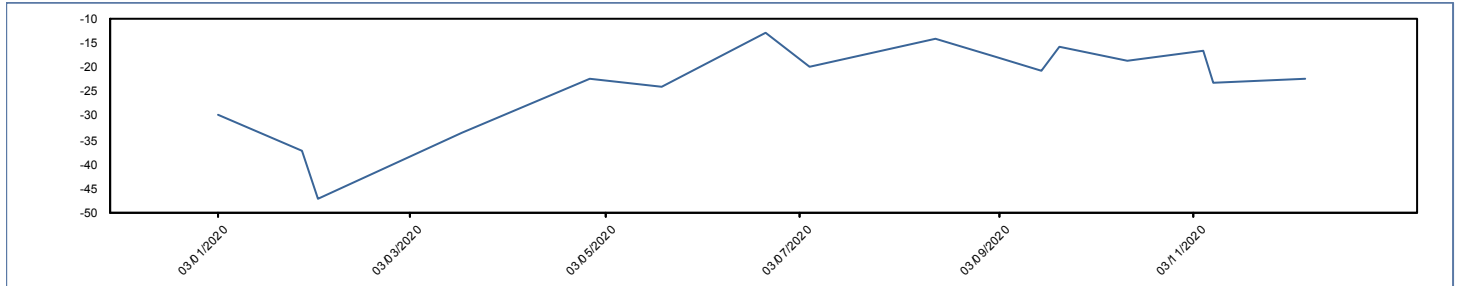
PBLFGXGW30

Number of readings

16

Number of breaches

0



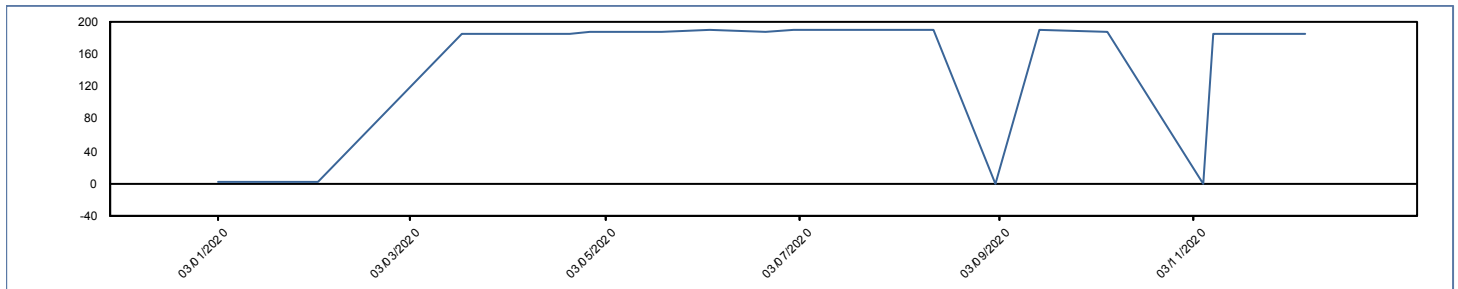
PYBFLARE

Number of readings

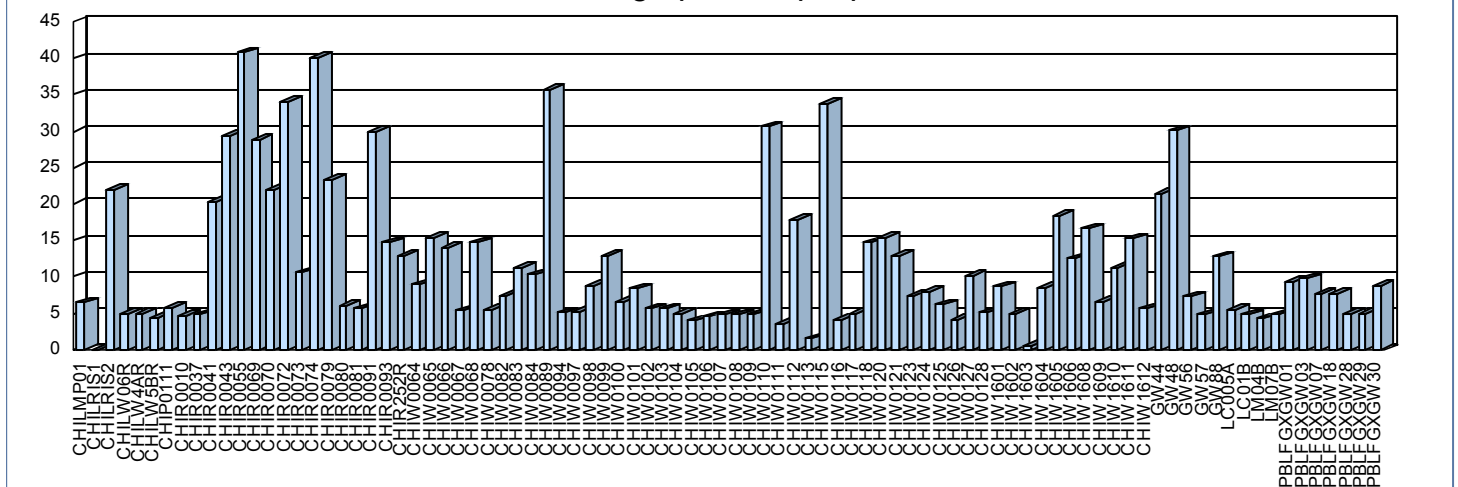
19

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	10.00	6.43	90.00	4.40	19.39	10.00
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	10.00	50.00	22.00	110.00	14.70	216.00	50.00
CHILW06R	28	0	0.00	10.00	5.00	140.00	5.00	25.00	10.00
CHILW4AR	27	0	0.00	10.00	5.00	135.00	4.71	22.22	10.00
CHILW5BR	29	0	0.00	10.00	4.38	127.00	4.81	23.13	10.00
CHIP0111	30	0	0.00	10.00	5.83	175.00	4.67	21.81	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0010	30	0	0.00	10.00	4.67	140.00	4.99	24.89	10.00
CHIR0037	31	0	0.00	10.00	4.84	150.00	5.00	24.97	10.00
CHIR0041	16	0	10.00	50.00	20.31	325.00	8.74	76.46	50.00
CHIR0043	15	0	10.00	50.00	29.33	440.00	15.69	246.22	50.00
CHIR0055	15	0	1.00	50.00	40.73	611.00	16.36	267.53	50.00
CHIR0069	15	0	2.00	60.00	28.80	432.00	17.63	310.83	60.00
CHIR0070	15	0	5.00	50.00	22.00	330.00	12.08	146.00	50.00
CHIR0072	16	0	5.00	50.00	34.06	545.00	17.43	303.81	50.00
CHIR0073	18	0	0.00	20.00	10.56	190.00	5.98	35.80	20.00
CHIR0074	15	0	2.00	60.00	40.13	602.00	16.82	282.92	60.00
CHIR0079	15	0	1.00	30.00	23.40	351.00	9.26	85.84	30.00
CHIR0080	23	0	0.00	20.00	6.09	140.00	5.51	30.34	15.00
CHIR0081	35	0	0.00	10.00	5.63	197.00	4.53	20.52	10.00
CHIR0091	17	0	10.00	50.00	30.00	510.00	14.95	223.53	50.00
CHIR0093	17	0	5.00	50.00	14.71	250.00	10.21	104.33	50.00
CHIR252R	14	0	5.00	20.00	12.86	180.00	5.58	31.12	20.00
CHIW0064	15	0	5.00	10.00	9.00	135.00	2.00	4.00	10.00
CHIW0065	14	0	5.00	20.00	15.36	215.00	5.50	30.23	20.00
CHIW0066	16	0	5.00	20.00	14.06	225.00	6.18	38.18	20.00
CHIW0067	37	0	0.00	10.00	5.41	200.00	4.98	24.84	10.00
CHIW0068	16	0	0.00	20.00	14.69	235.00	6.49	42.09	20.00
CHIW0078	20	0	0.00	20.00	5.55	111.00	5.17	26.75	15.00
CHIW0082	19	0	0.00	10.00	7.37	140.00	4.09	16.76	10.00
CHIW0083	16	0	5.00	20.00	11.25	180.00	5.45	29.69	20.00
CHIW0084	14	0	5.00	20.00	10.36	145.00	4.42	19.52	20.00
CHIW0089	16	0	1.00	50.00	35.69	571.00	16.05	257.71	50.00
CHIW0094	33	0	0.00	10.00	5.15	170.00	5.00	24.98	10.00
CHIW0097	34	0	0.00	10.00	5.29	180.00	4.99	24.91	10.00
CHIW0098	16	0	5.00	10.00	8.75	140.00	2.17	4.69	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0099	16	0	0.00	30.00	12.88	206.00	7.80	60.86	30.00
CHIW0100	22	0	0.00	10.00	6.59	145.00	4.37	19.06	10.00
CHIW0101	16	0	5.00	10.00	8.44	135.00	2.32	5.37	10.00
CHIW0102	39	0	0.00	10.00	5.64	220.00	4.96	24.59	10.00
CHIW0103	24	0	0.00	10.00	5.63	135.00	4.64	21.48	10.00
CHIW0104	30	0	0.00	10.00	5.00	150.00	5.00	25.00	10.00
CHIW0105	24	0	0.00	10.00	3.96	95.00	4.33	18.71	10.00
CHIW0106	26	0	0.00	10.00	4.62	120.00	4.99	24.85	10.00
CHIW0107	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0108	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0109	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0110	15	0	10.00	50.00	30.67	460.00	14.82	219.56	50.00
CHIW0111	28	0	0.00	10.00	3.61	101.00	4.77	22.74	10.00
CHIW0112	15	0	4.00	50.00	17.93	269.00	10.38	107.80	50.00
CHIW0113	20	0	0.00	10.00	1.50	30.00	3.57	12.75	10.00
CHIW0115	16	0	10.00	50.00	33.75	540.00	14.09	198.44	50.00
CHIW0116	25	0	0.00	10.00	4.20	105.00	4.83	23.36	10.00
CHIW0117	32	0	0.00	10.00	5.00	160.00	5.00	25.00	10.00
CHIW0118	16	0	5.00	30.00	14.69	235.00	6.49	42.09	30.00
CHIW0120	14	0	5.00	20.00	15.36	215.00	5.50	30.23	20.00
CHIW0121	15	0	5.00	30.00	13.00	195.00	6.27	39.33	30.00
CHIW0123	18	0	0.00	10.00	7.50	135.00	3.00	9.03	10.00
CHIW0124	17	0	5.00	10.00	7.94	135.00	2.46	6.06	10.00
CHIW0125	20	0	0.00	10.00	6.25	125.00	4.44	19.69	10.00
CHIW0126	17	0	0.00	10.00	4.12	70.00	4.61	21.28	10.00
CHIW0127	15	0	5.00	20.00	10.20	153.00	4.31	18.56	20.00
CHIW0128	19	0	0.00	10.00	5.16	98.00	4.43	19.61	10.00
CHIW1601	15	0	5.00	10.00	8.67	130.00	2.21	4.89	10.00
CHIW1602	25	0	0.00	10.00	5.00	125.00	4.69	22.00	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1603	8	0	0.00	5.00	0.63	5.00	1.65	2.73	5.00
CHIW1604	17	0	5.00	10.00	8.53	145.00	2.28	5.19	10.00
CHIW1605	16	0	5.00	30.00	18.44	295.00	5.51	30.37	30.00
CHIW1606	16	0	10.00	20.00	12.50	200.00	4.33	18.75	20.00
CHIW1608	15	0	10.00	30.00	16.67	250.00	6.99	48.89	30.00
CHIW1609	20	0	0.00	10.00	6.60	132.00	4.36	19.04	10.00
CHIW1610	15	0	5.00	20.00	11.33	170.00	4.64	21.56	20.00
CHIW1611	16	0	5.00	20.00	15.31	245.00	6.24	38.96	20.00
CHIW1612	24	0	0.00	10.00	5.63	135.00	4.85	23.57	10.00
GW44	14	0	10.00	30.00	21.43	300.00	6.39	40.82	30.00
GW48	16	0	1.00	100.00	30.06	481.00	34.04	1,158.81	100.00
GW56	17	0	0.00	10.00	7.35	125.00	3.48	12.11	10.00
GW57	30	0	0.00	10.00	4.83	145.00	4.91	24.14	10.00
GW88	16	0	5.00	20.00	12.81	205.00	5.85	34.28	20.00
LC005A	29	0	0.00	10.00	5.52	160.00	4.97	24.73	10.00
LC01B	24	0	0.00	10.00	4.79	115.00	4.67	21.83	10.00
LM04B	28	0	0.00	10.00	4.32	121.00	4.74	22.43	10.00
LM07B	25	0	0.00	10.00	4.80	120.00	4.79	22.96	10.00
PBLFGXGW01	15	0	0.00	20.00	9.33	140.00	4.03	16.22	20.00
PBLFGXGW03	19	0	0.00	20.00	9.74	185.00	7.16	51.25	20.00
PBLFGXGW07	17	0	0.00	20.00	7.65	130.00	4.58	20.93	20.00
PBLFGXGW18	15	0	5.00	10.00	7.67	115.00	2.49	6.22	10.00
PBLFGXGW28	29	0	0.00	10.00	5.00	145.00	4.91	24.14	10.00
PBLFGXGW29	28	0	0.00	10.00	5.00	140.00	5.00	25.00	10.00
PBLFGXGW30	16	0	5.00	10.00	8.75	140.00	2.17	4.69	10.00
Total	1,806	0	0.00	100.00	9.97	18,008.00	11.30	127.72	30.00

Data from: 1 Jan 2020 to: 31 Dec 2020

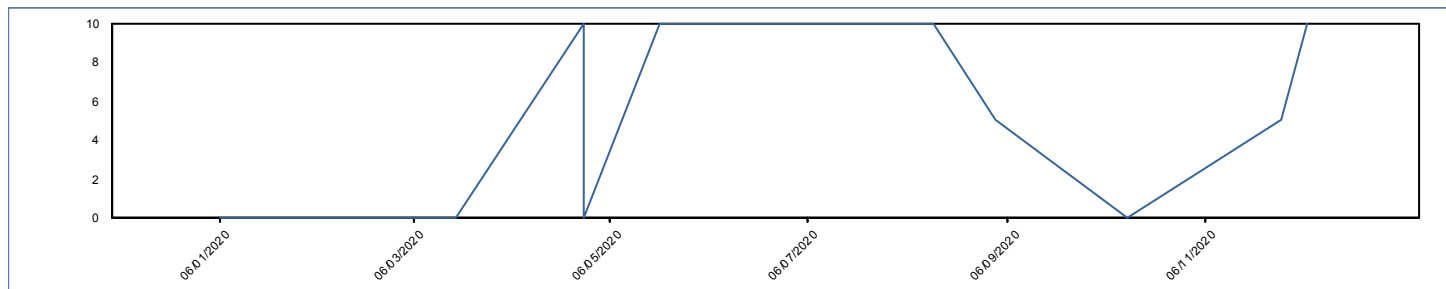
CHILMP01

Number of readings

14

Number of breaches

0



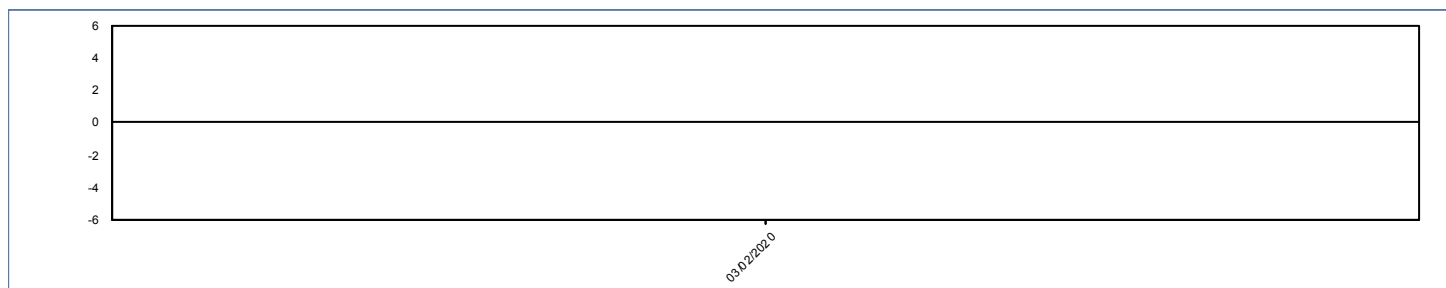
CHILRIS1

Number of readings

1

Number of breaches

0



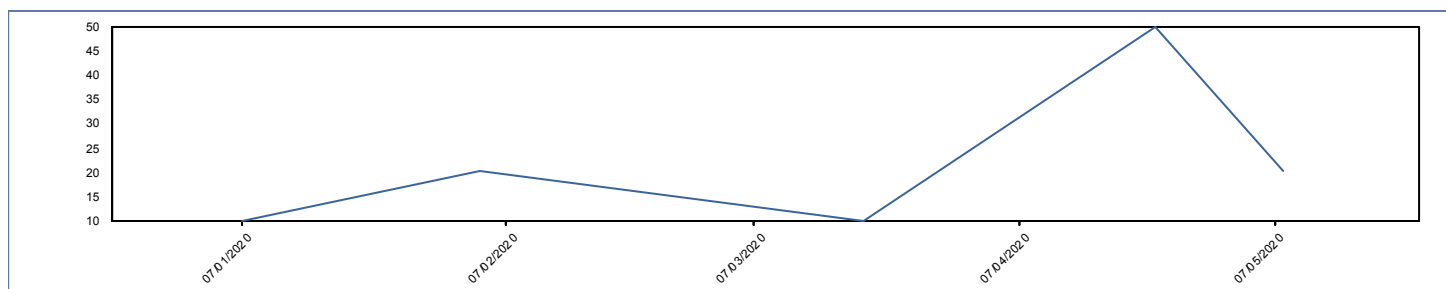
CHILRIS2

Number of readings

5

Number of breaches

0



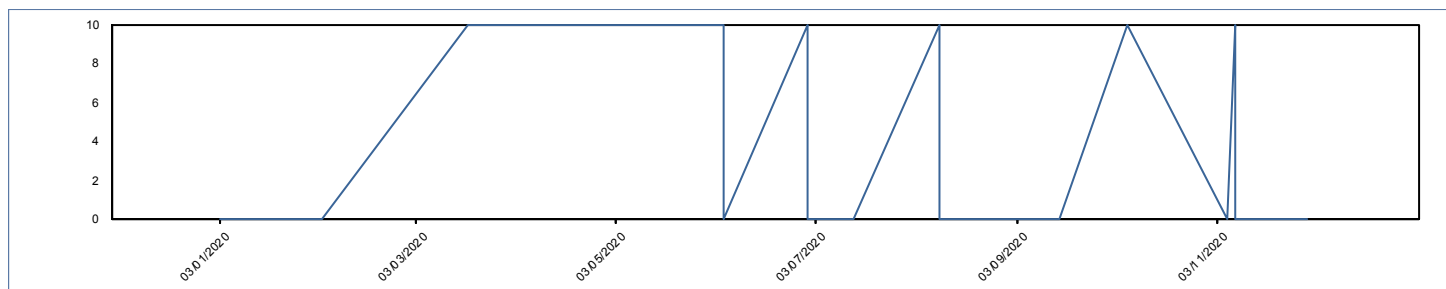
CHILW06R

Number of readings

28

Number of breaches

0



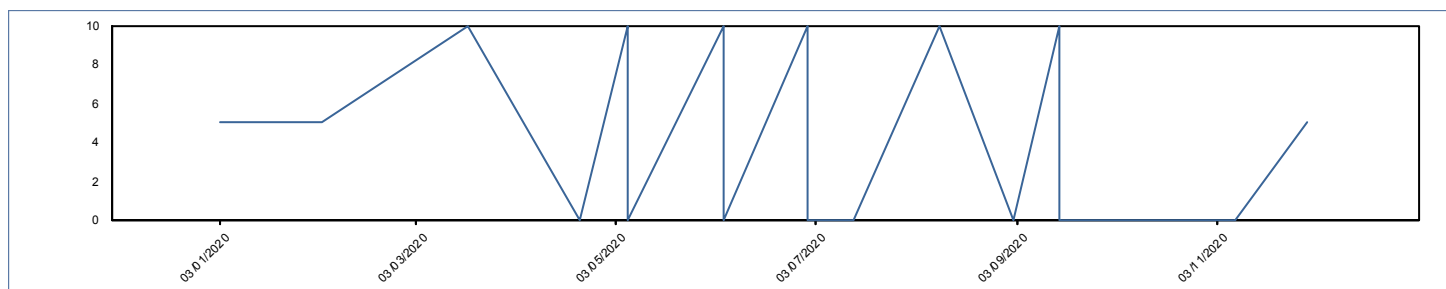
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

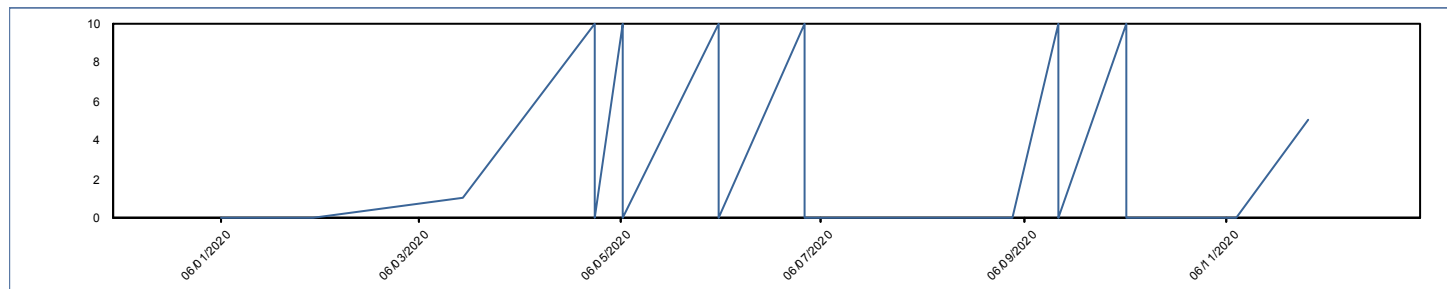
CHILW5BR

Number of readings

29

Number of breaches

0



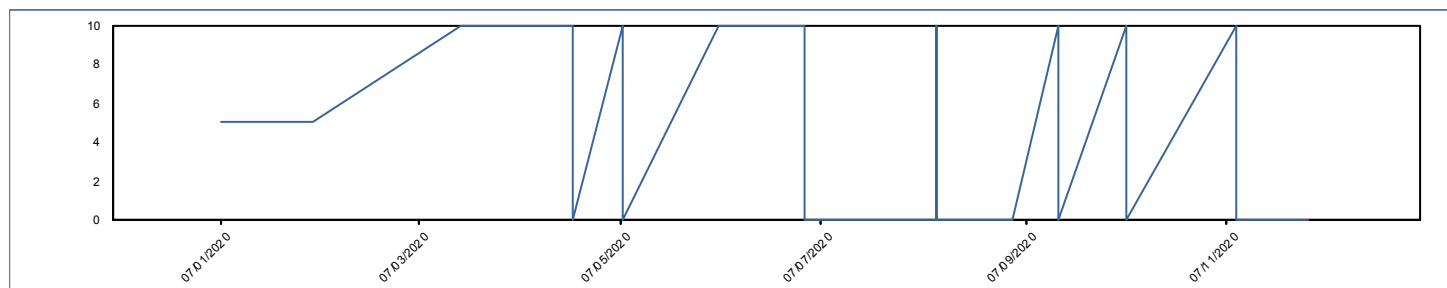
CHIP0111

Number of readings

30

Number of breaches

0



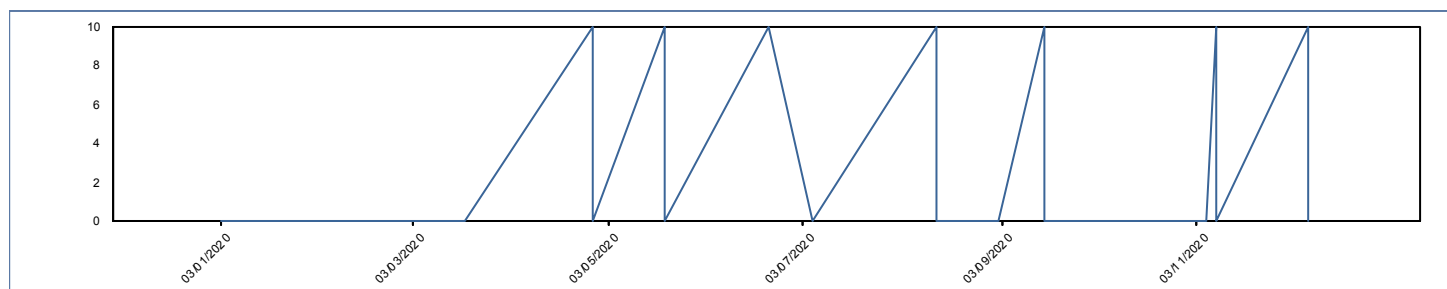
CHIR0010

Number of readings

30

Number of breaches

0



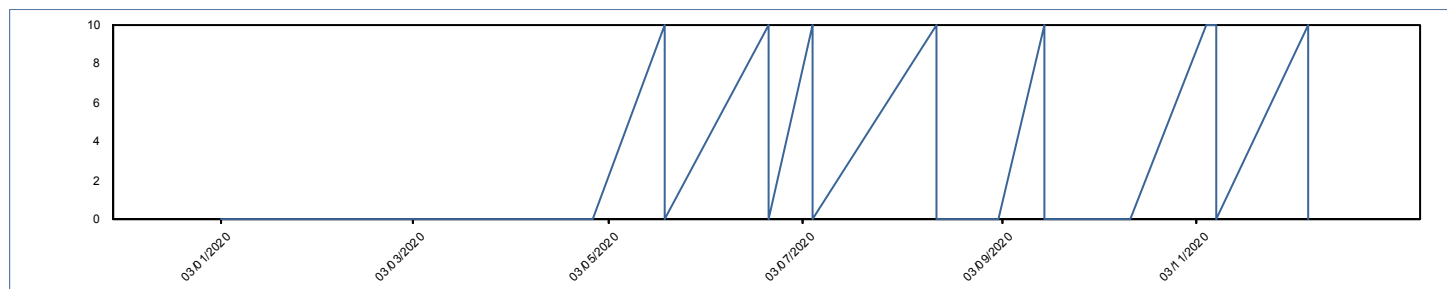
CHIR0037

Number of readings

31

Number of breaches

0



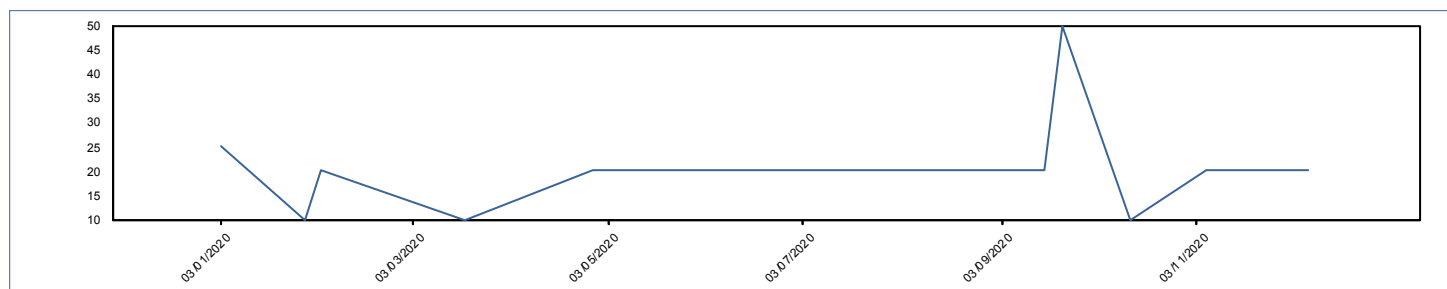
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

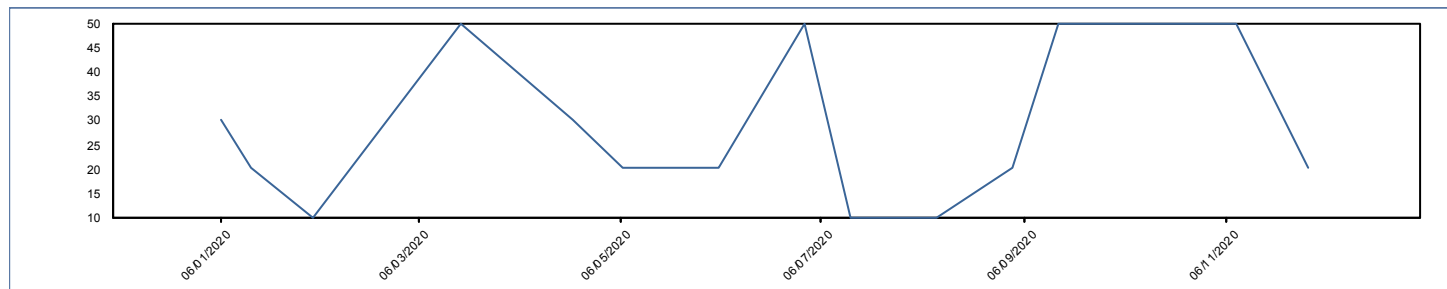
CHIR0043

Number of readings

15

Number of breaches

0



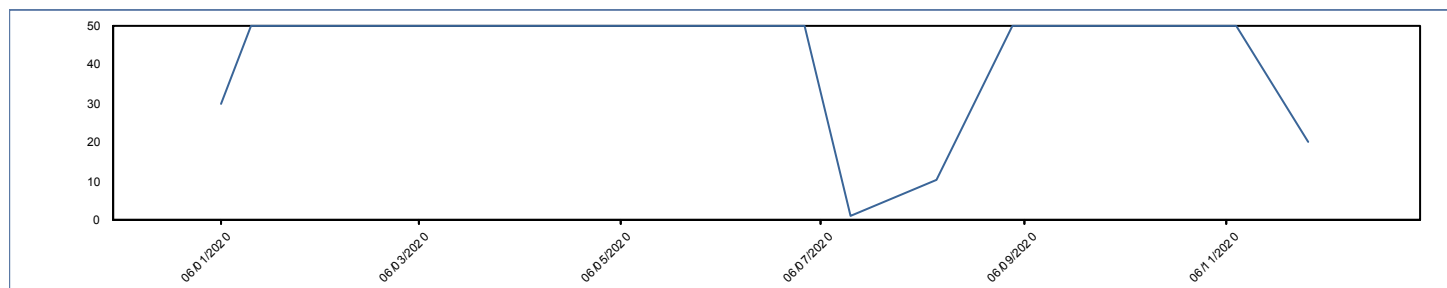
CHIR0055

Number of readings

15

Number of breaches

0



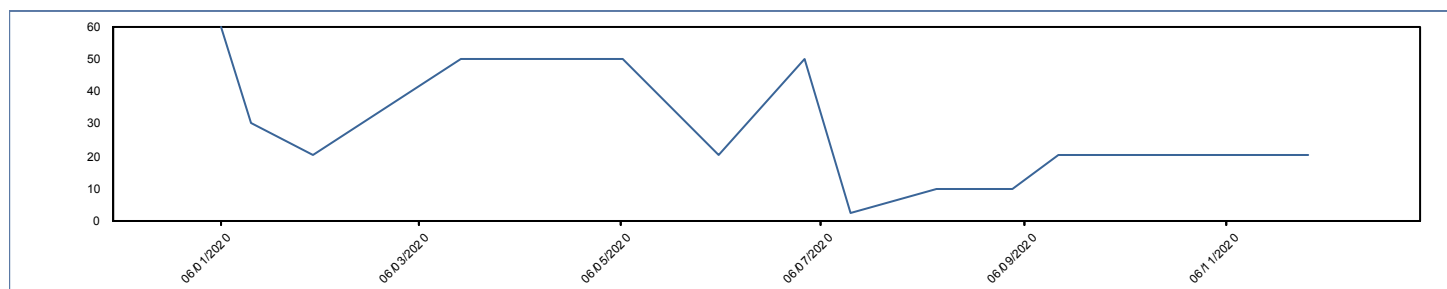
CHIR0069

Number of readings

15

Number of breaches

0



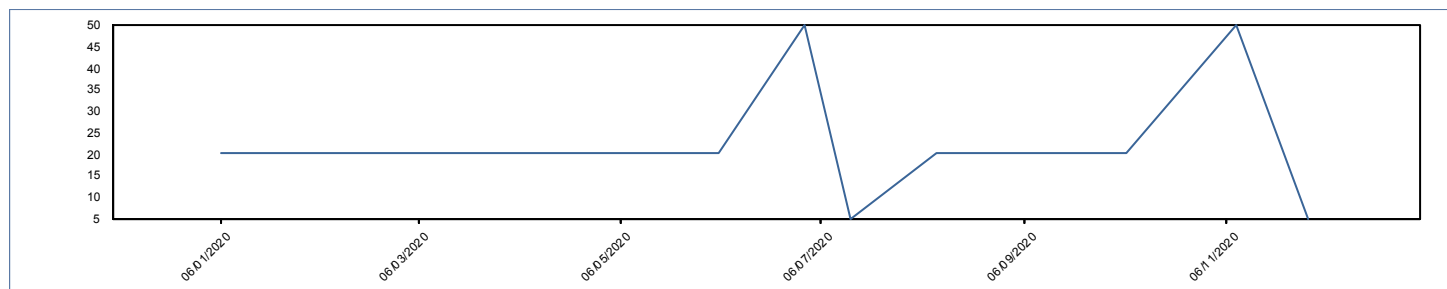
CHIR0070

Number of readings

15

Number of breaches

0



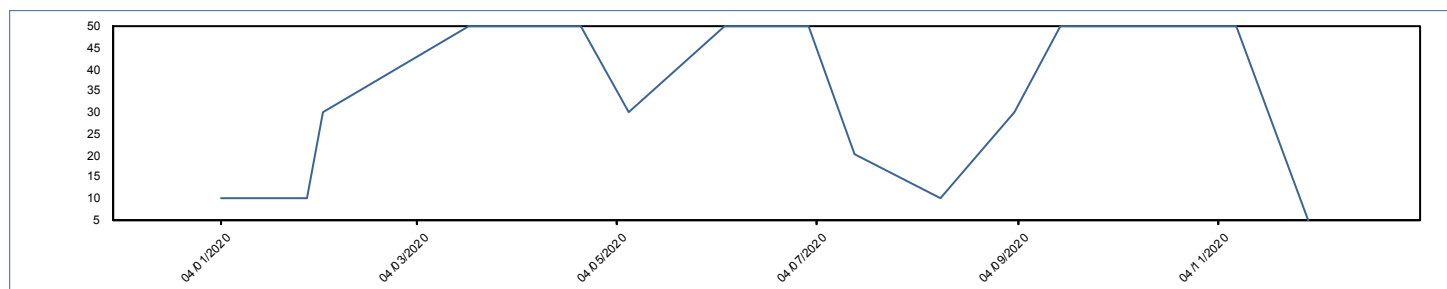
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

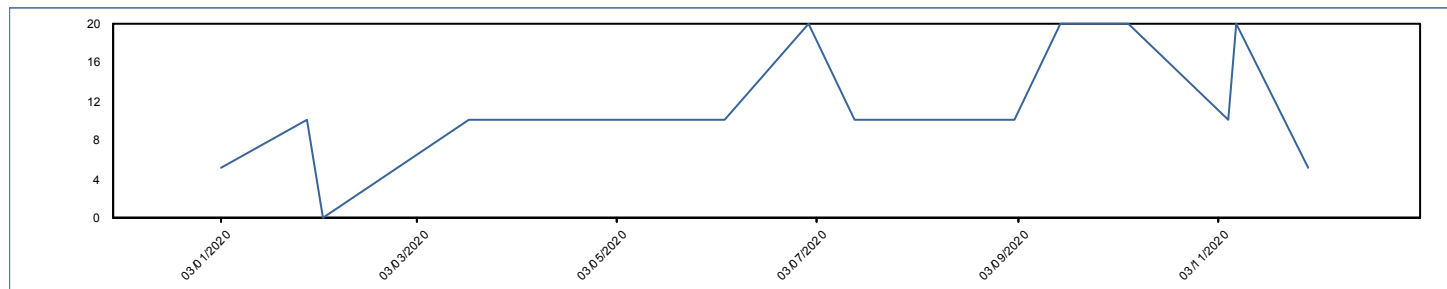
CHIR0073

Number of readings

18

Number of breaches

0



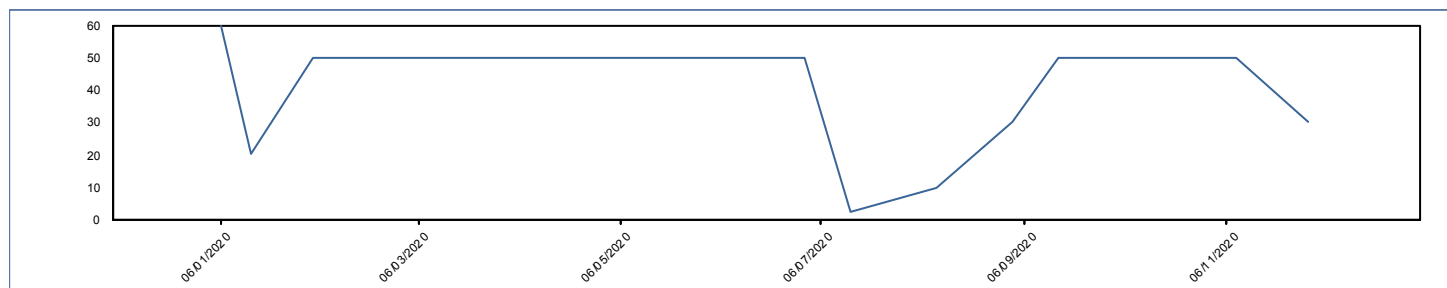
CHIR0074

Number of readings

15

Number of breaches

0



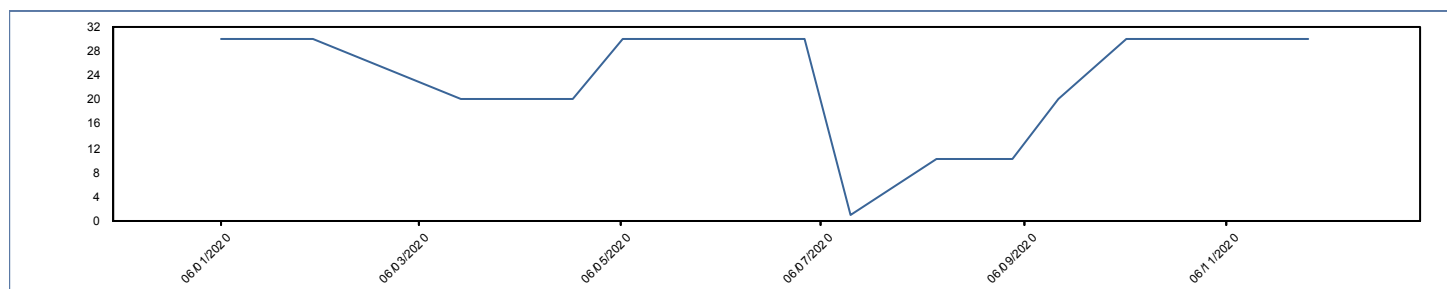
CHIR0079

Number of readings

15

Number of breaches

0



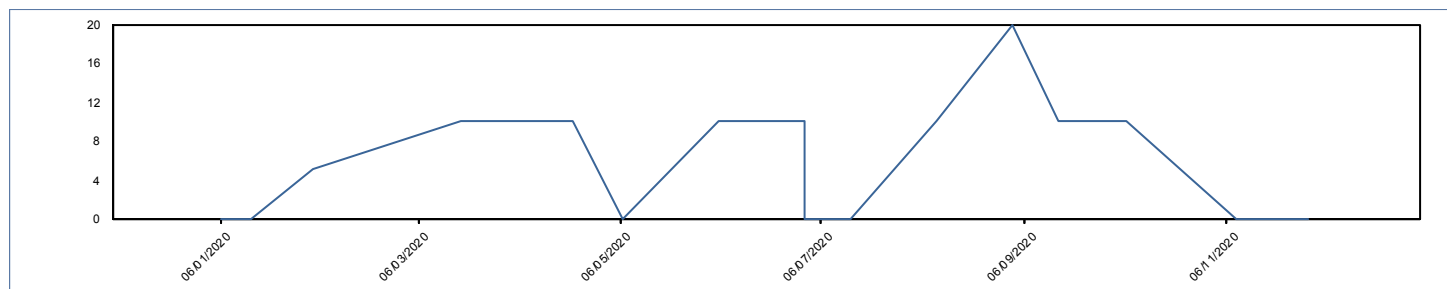
CHIR0080

Number of readings

23

Number of breaches

0



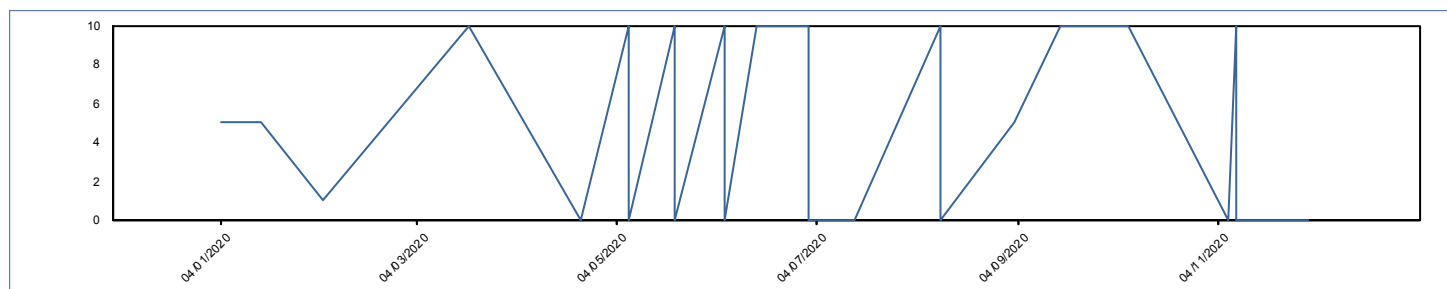
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

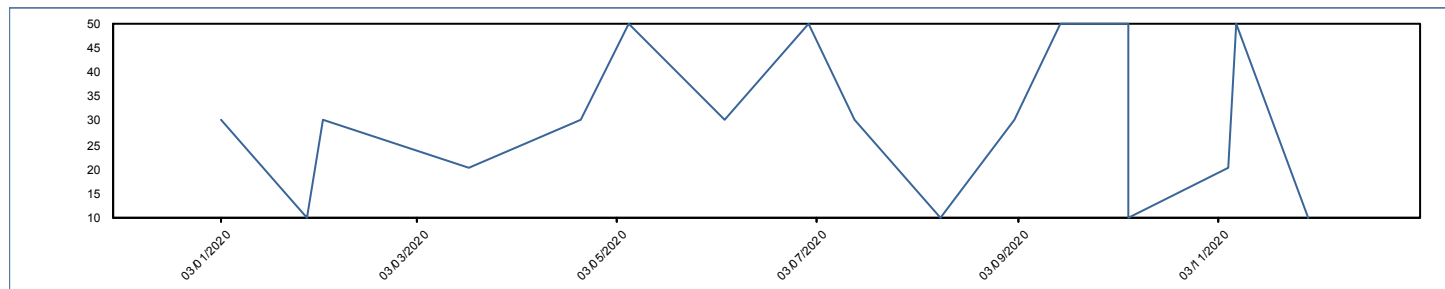
CHIR0091

Number of readings

17

Number of breaches

0



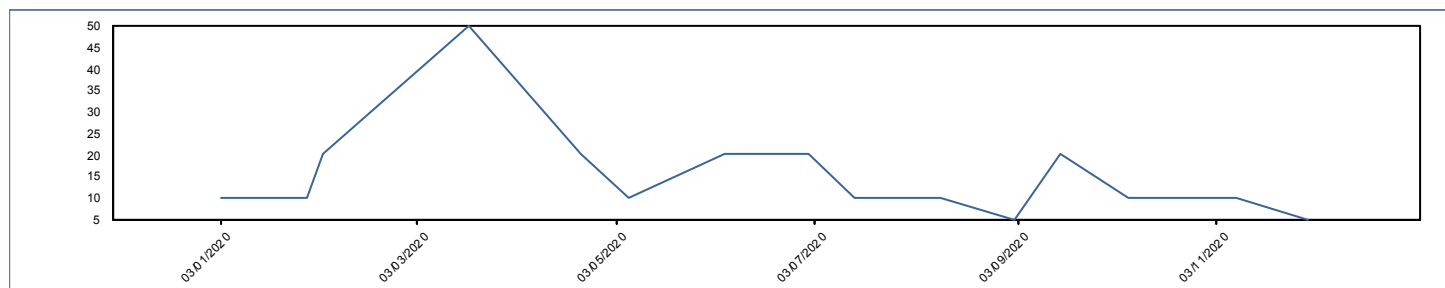
CHIR0093

Number of readings

17

Number of breaches

0



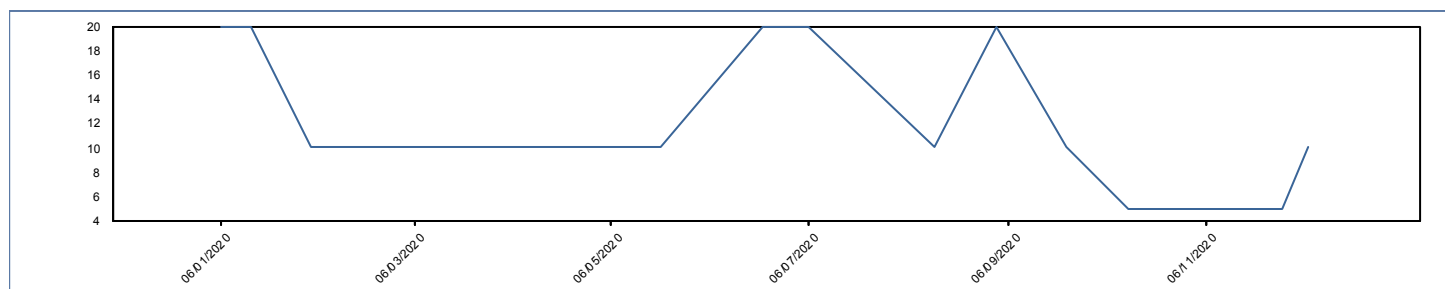
CHIR252R

Number of readings

14

Number of breaches

0



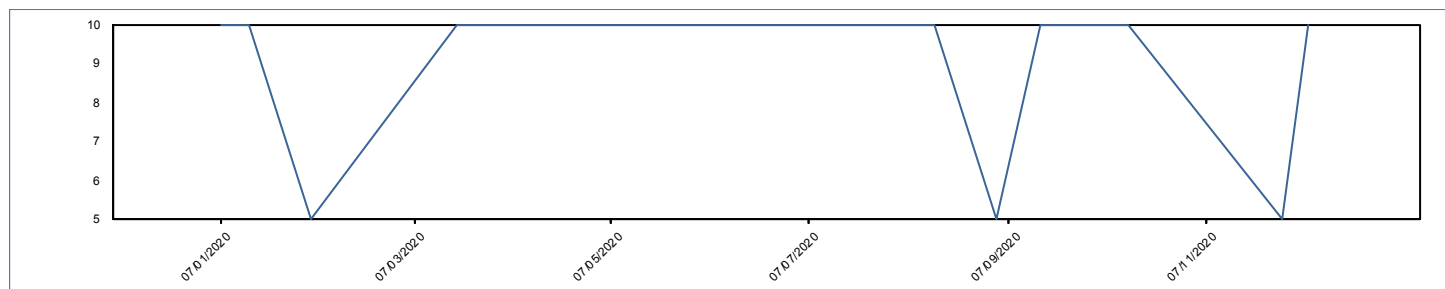
CHIW0064

Number of readings

15

Number of breaches

0



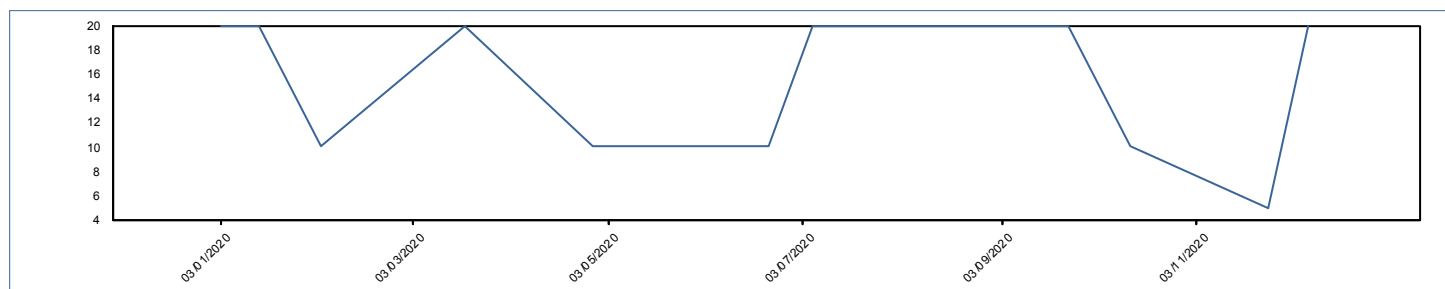
CHIW0065

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

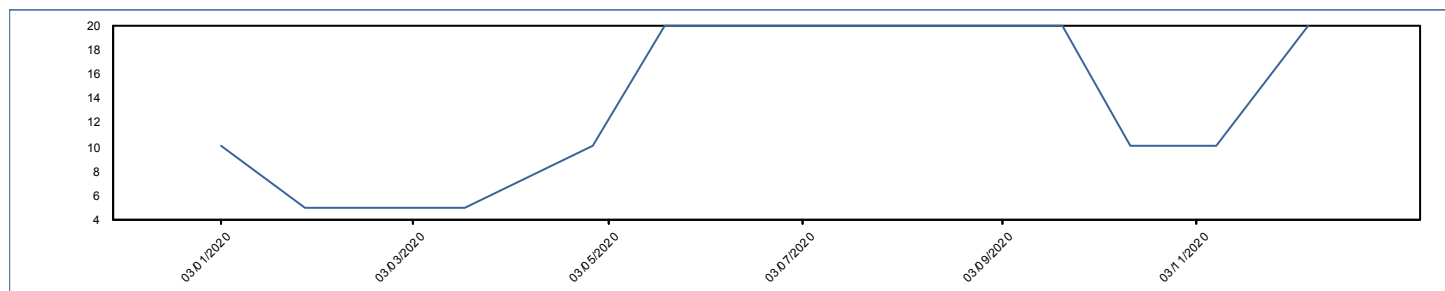
CHIW0066

Number of readings

16

Number of breaches

0



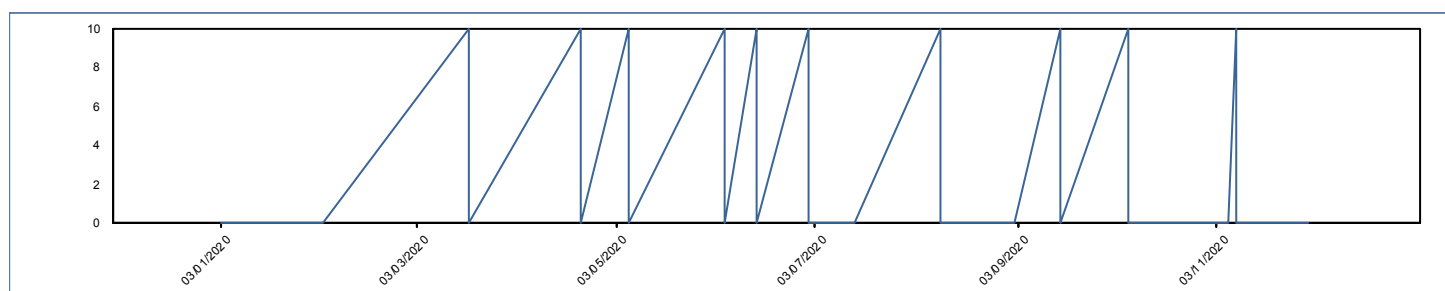
CHIW0067

Number of readings

37

Number of breaches

0



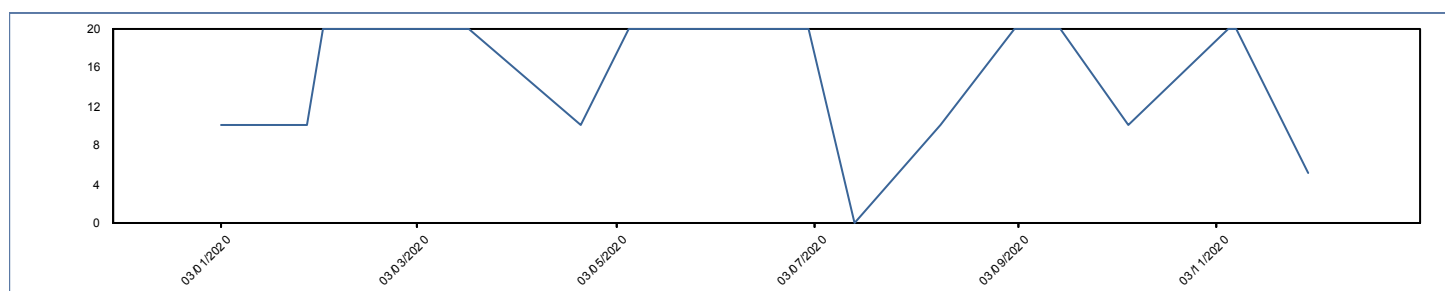
CHIW0068

Number of readings

16

Number of breaches

0



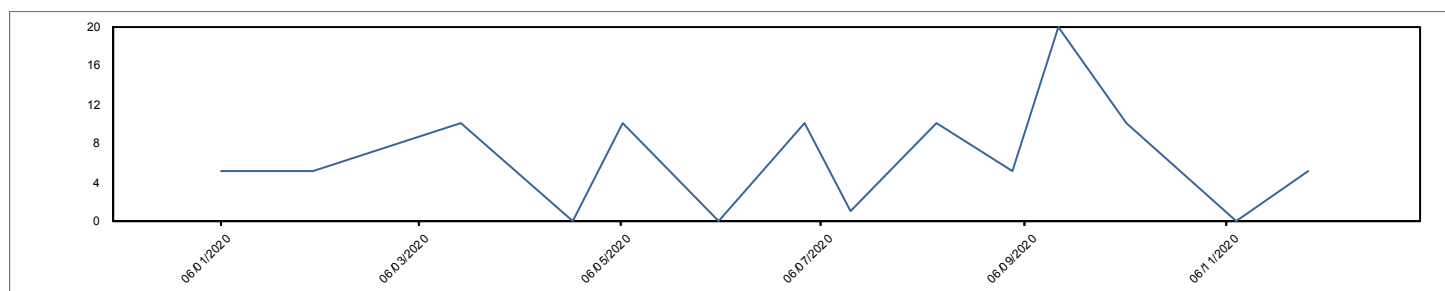
CHIW0078

Number of readings

20

Number of breaches

0



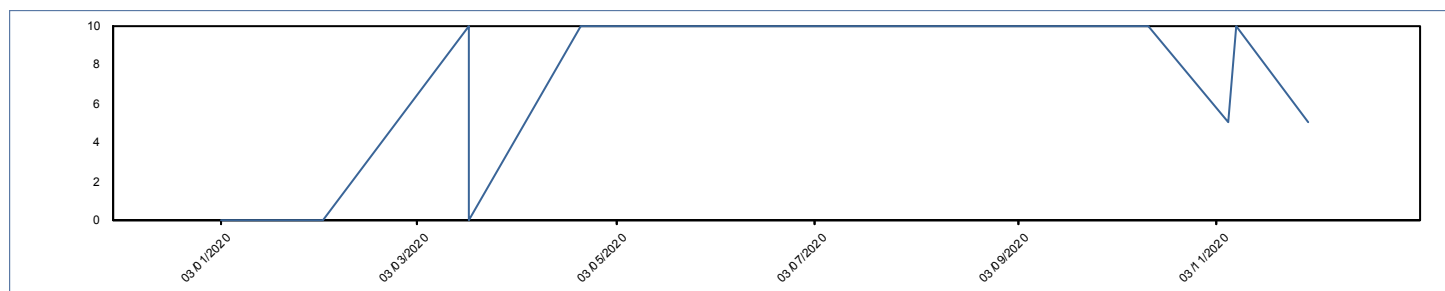
CHIW0082

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

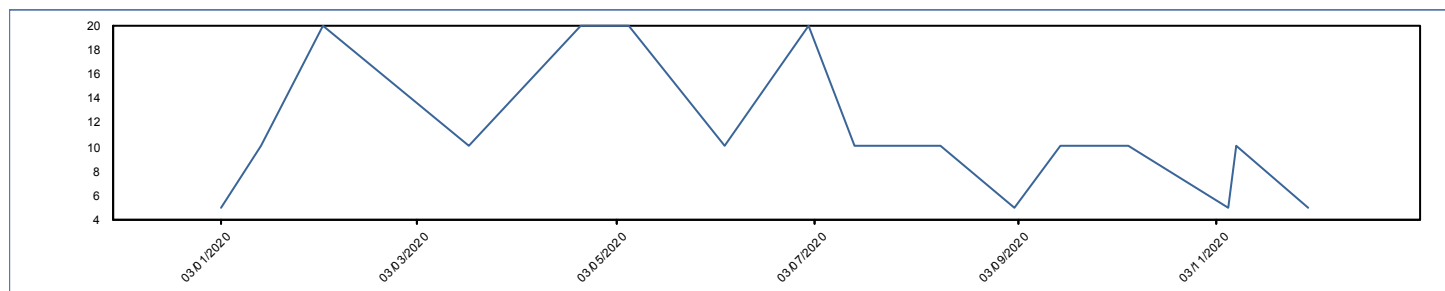
CHIW0083

Number of readings

16

Number of breaches

0



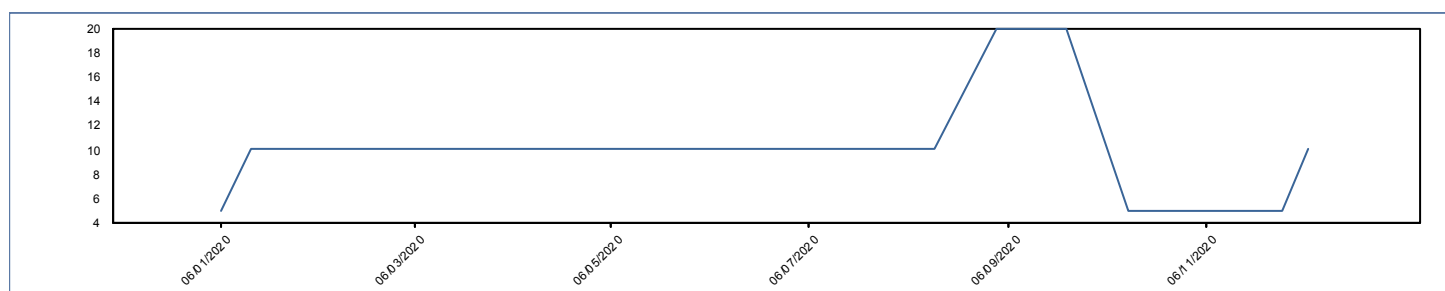
CHIW0084

Number of readings

14

Number of breaches

0



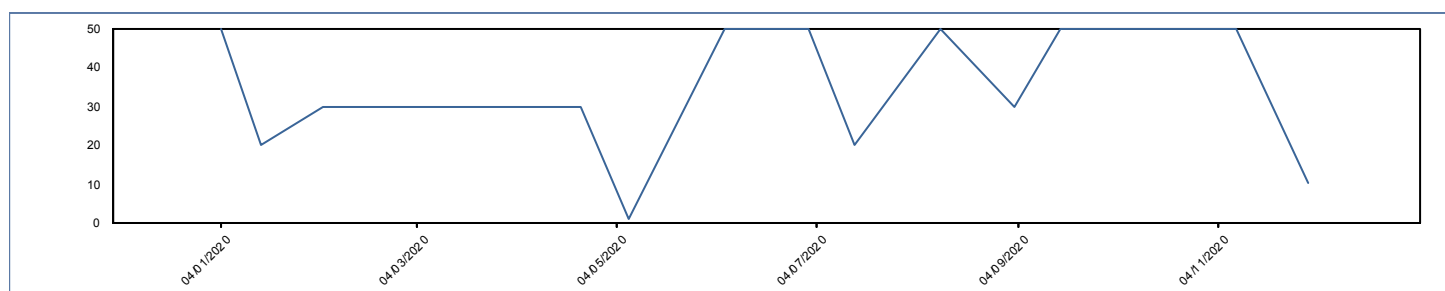
CHIW0089

Number of readings

16

Number of breaches

0



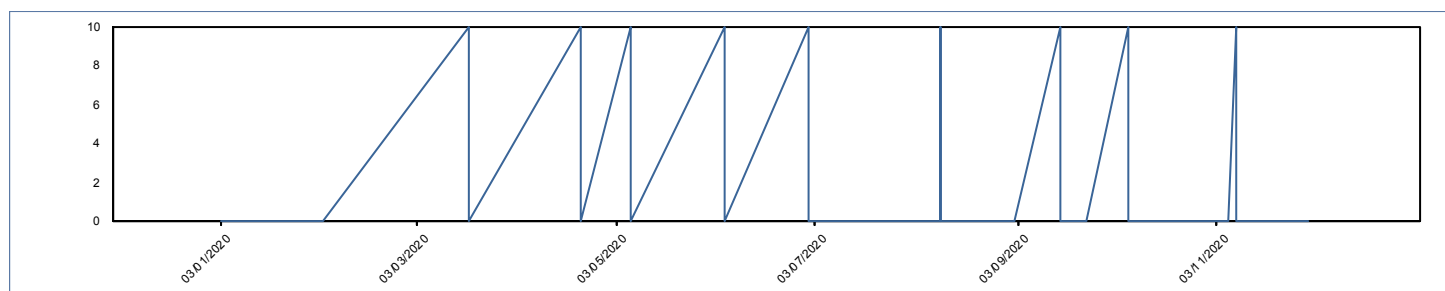
CHIW0094

Number of readings

33

Number of breaches

0



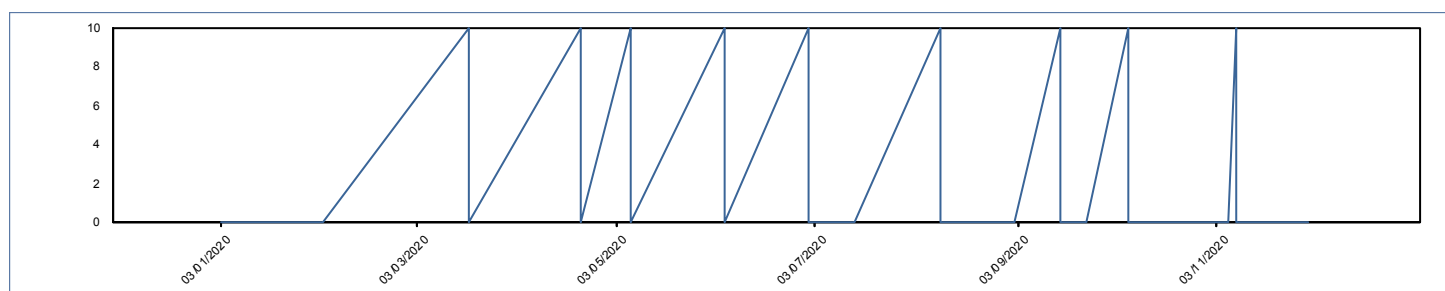
CHIW0097

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

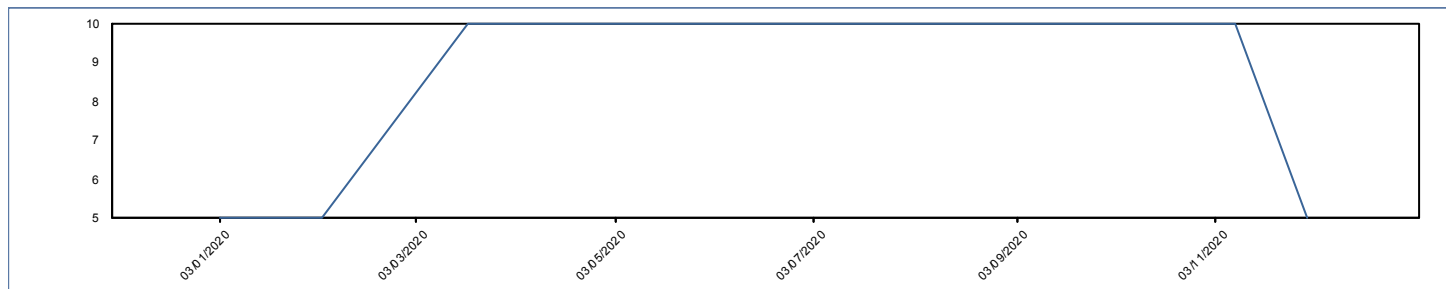
CHI0098

Number of readings

16

Number of breaches

0



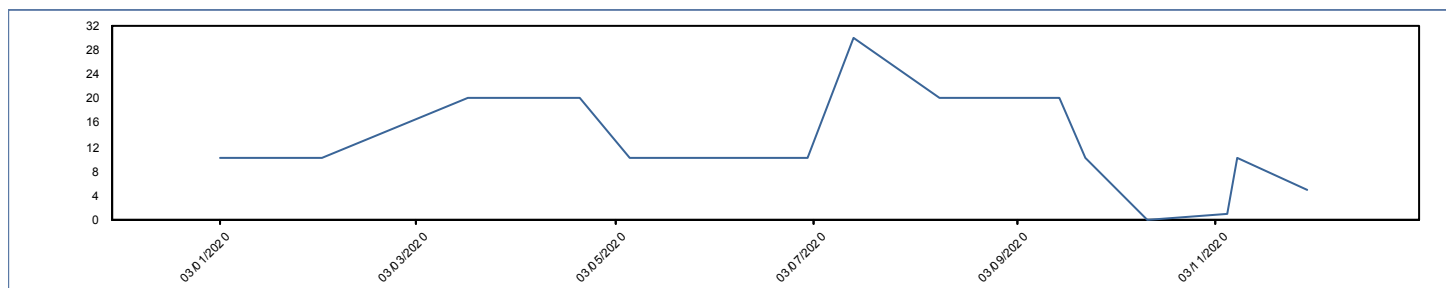
CHI0099

Number of readings

16

Number of breaches

0



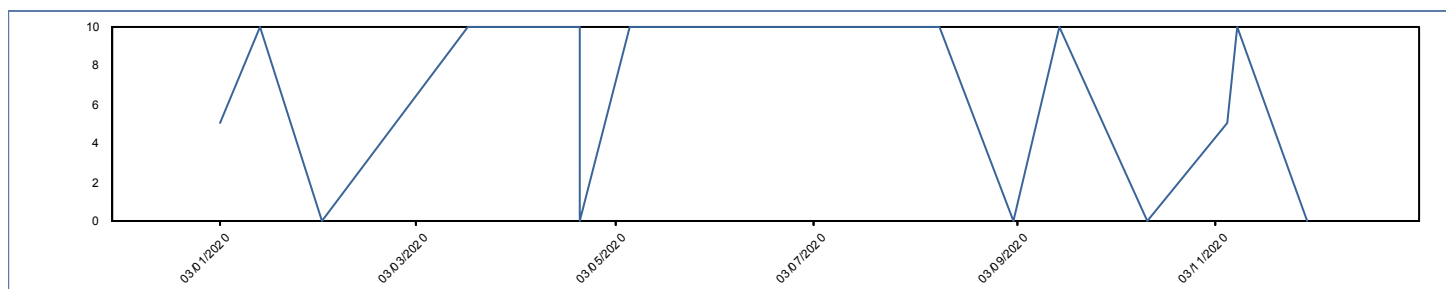
CHI0100

Number of readings

22

Number of breaches

0



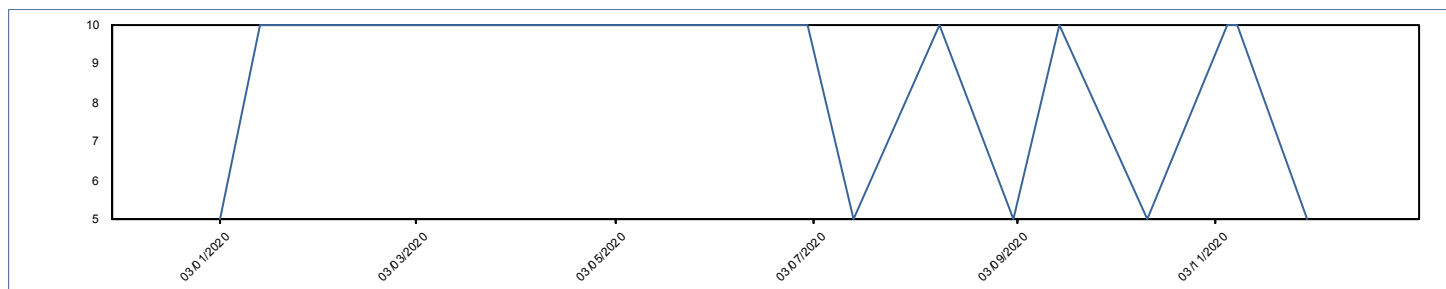
CHI0101

Number of readings

16

Number of breaches

0



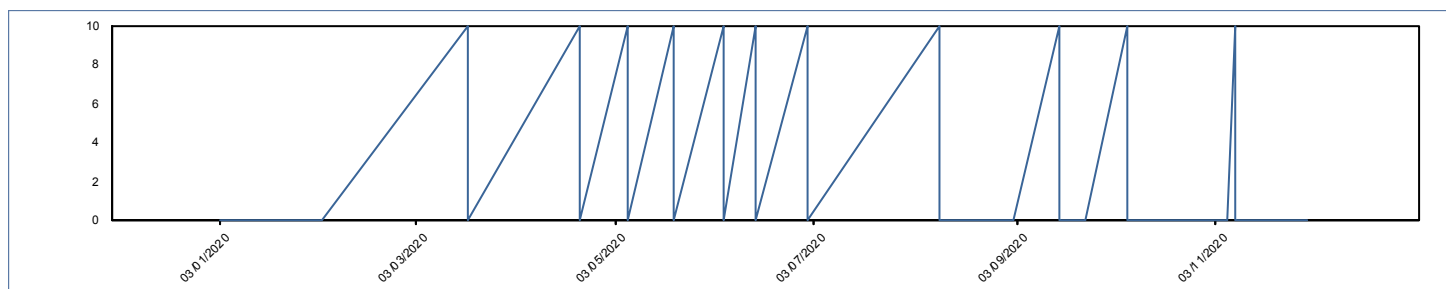
CHI0102

Number of readings

39

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

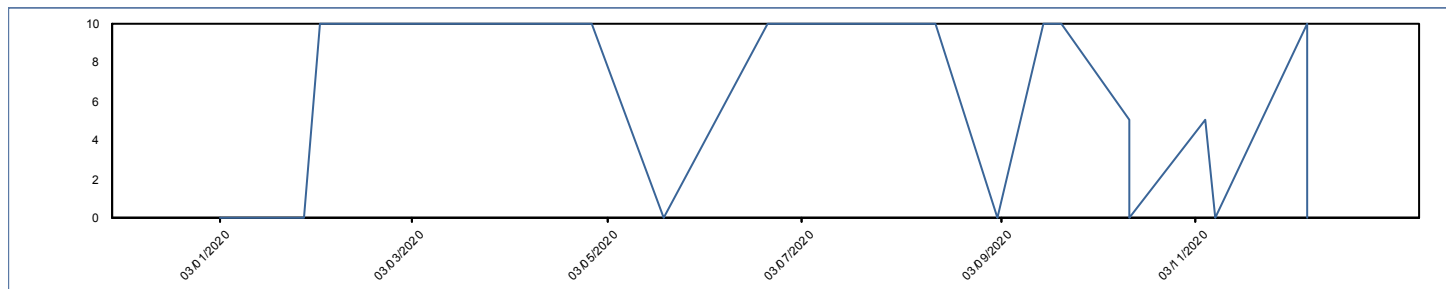
CHIWO103

Number of readings

24

Number of breaches

0



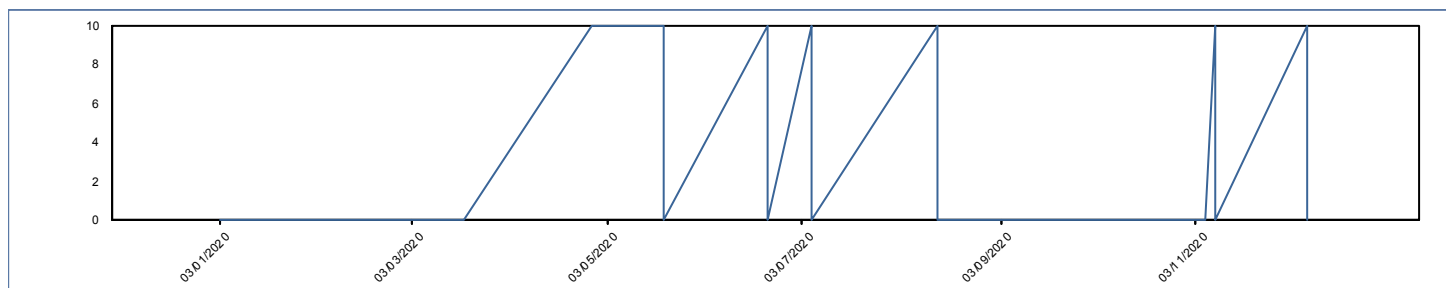
CHIWO104

Number of readings

30

Number of breaches

0



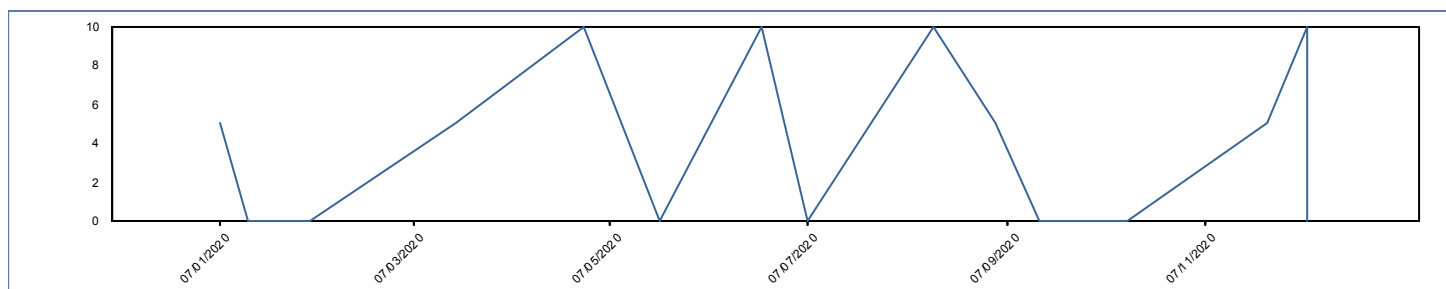
CHIWO105

Number of readings

24

Number of breaches

0



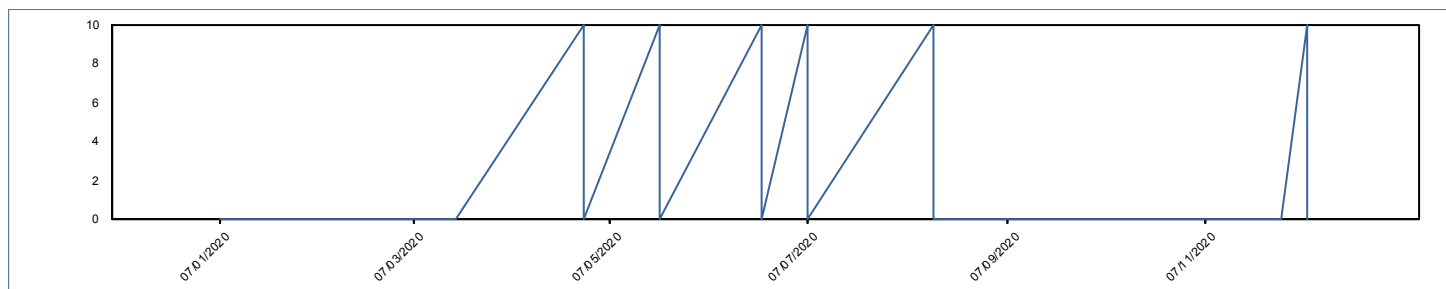
CHIWO106

Number of readings

26

Number of breaches

0



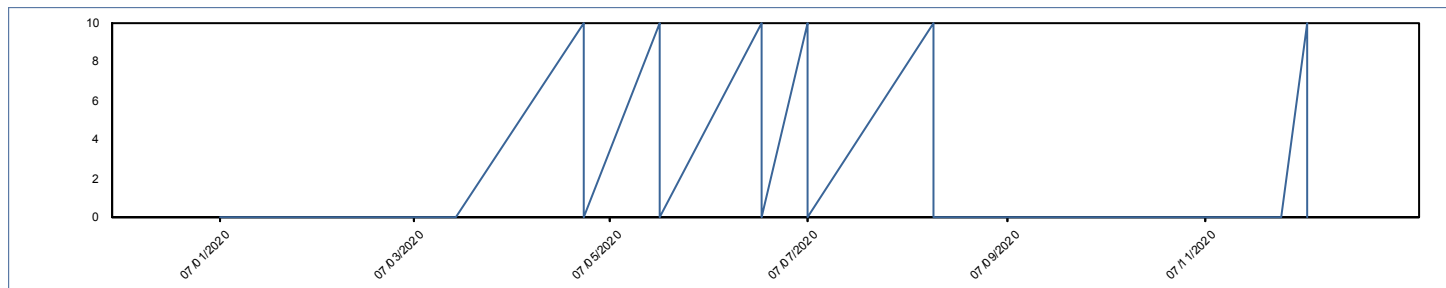
CHIWO107

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

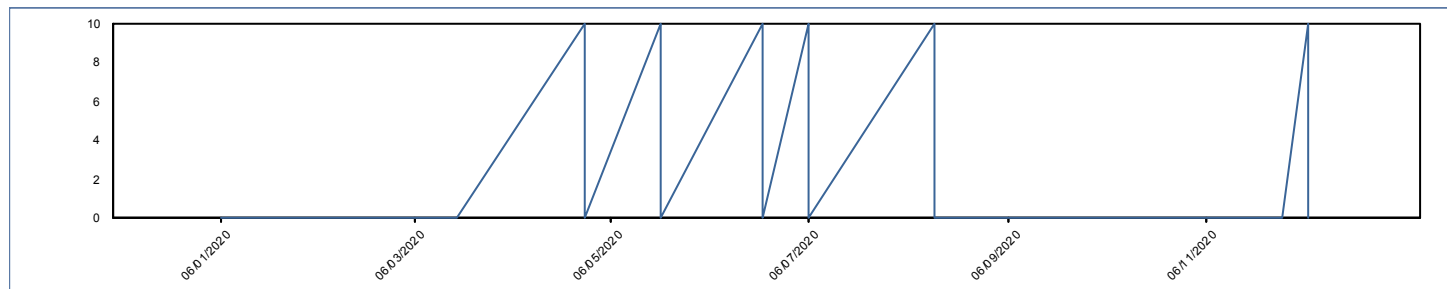
CHIWO108

Number of readings

25

Number of breaches

0



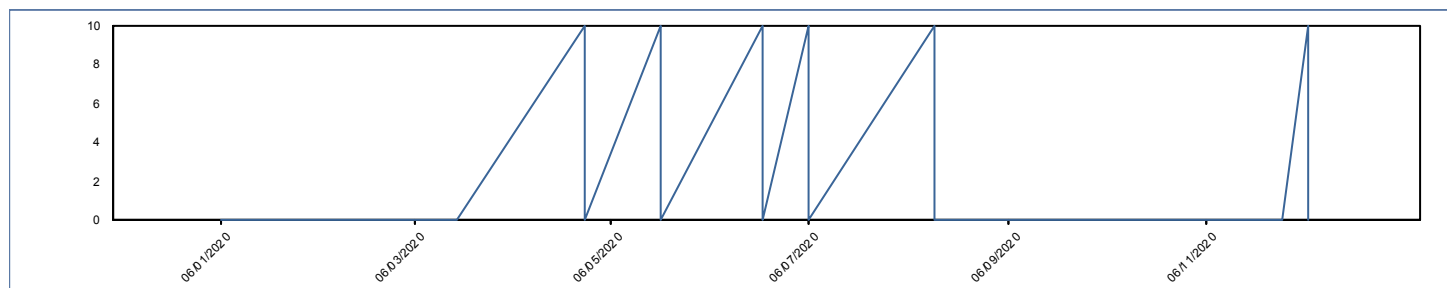
CHIWO109

Number of readings

25

Number of breaches

0



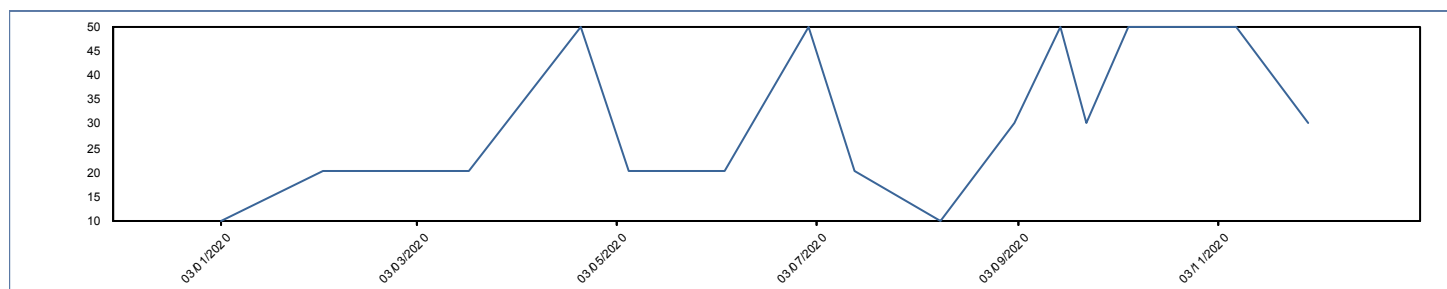
CHIWO110

Number of readings

15

Number of breaches

0



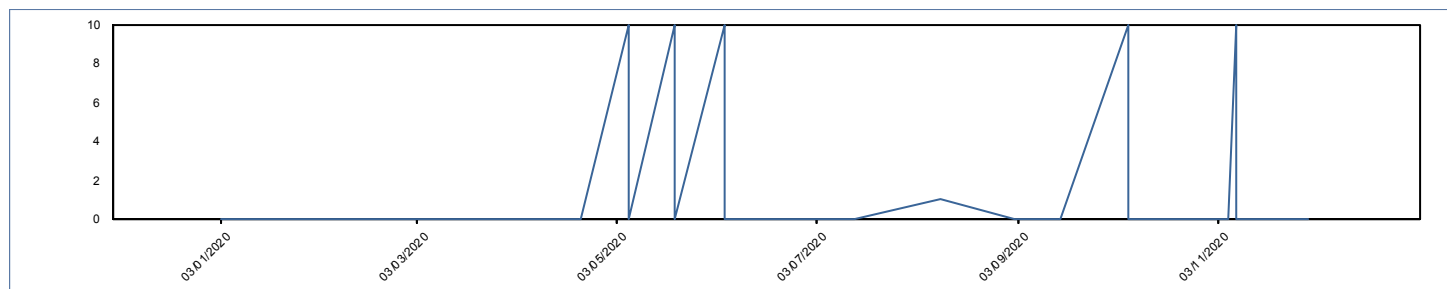
CHIWO111

Number of readings

28

Number of breaches

0



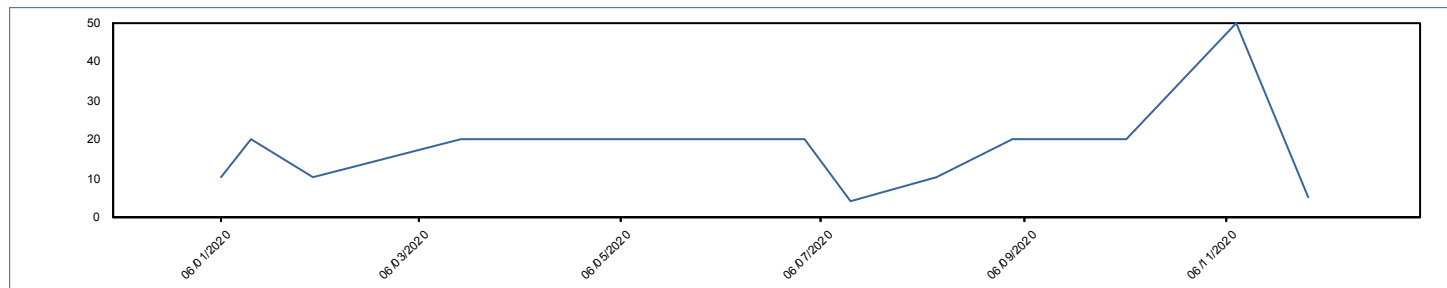
CHIWO112

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

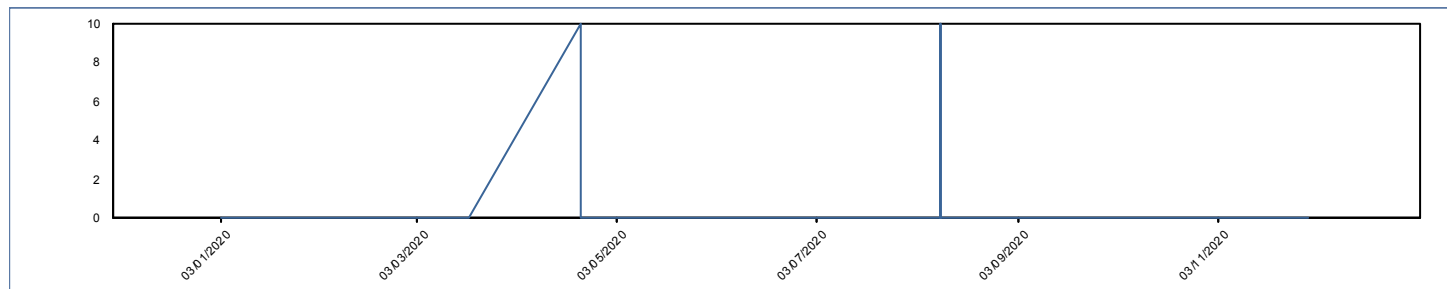
CHIWO113

Number of readings

20

Number of breaches

0



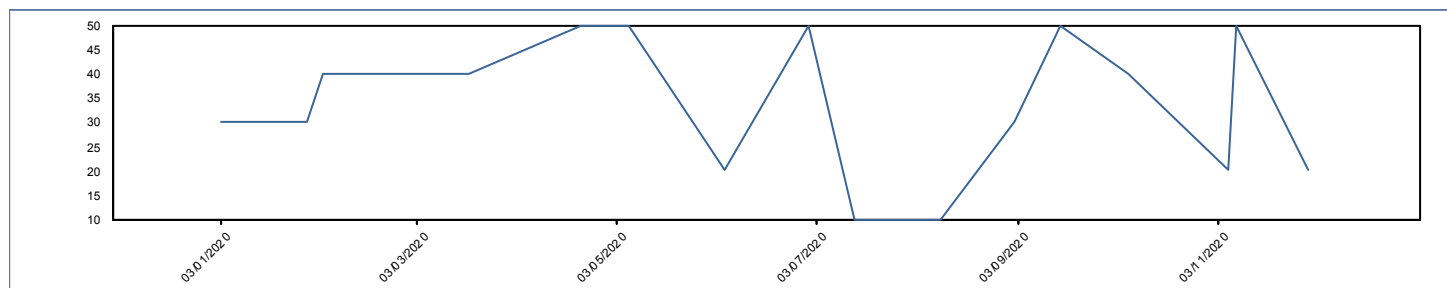
CHIWO115

Number of readings

16

Number of breaches

0



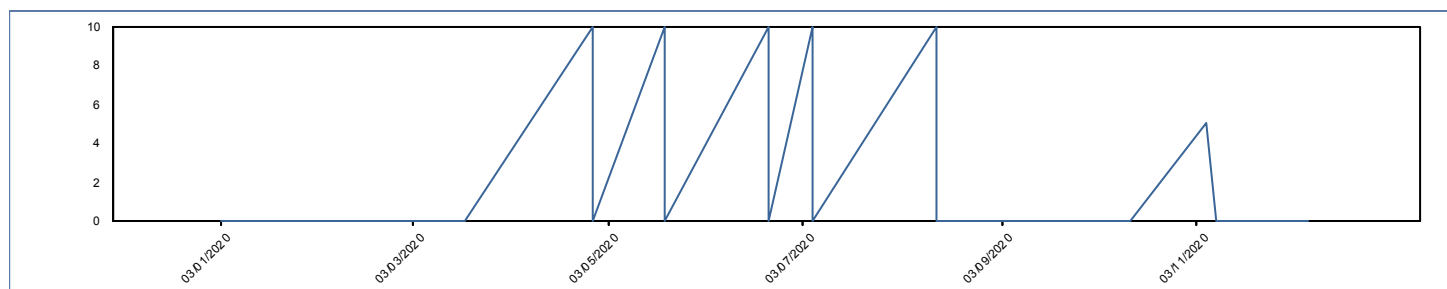
CHIWO116

Number of readings

25

Number of breaches

0



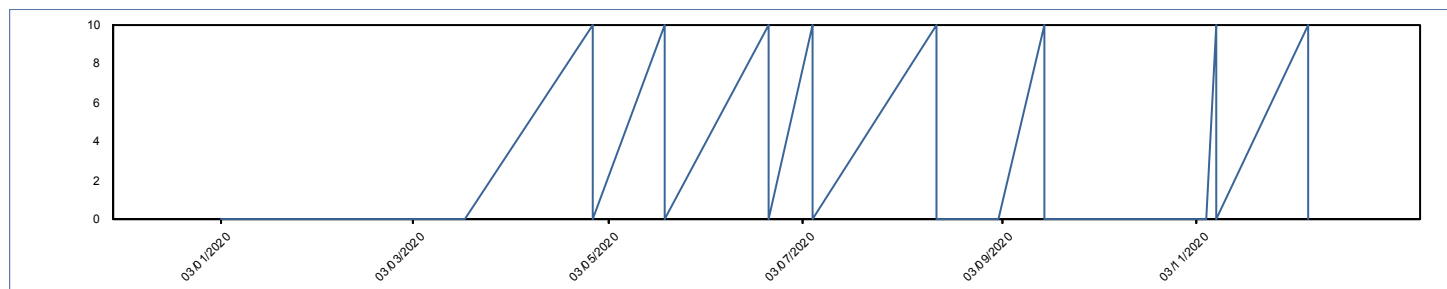
CHIWO117

Number of readings

32

Number of breaches

0



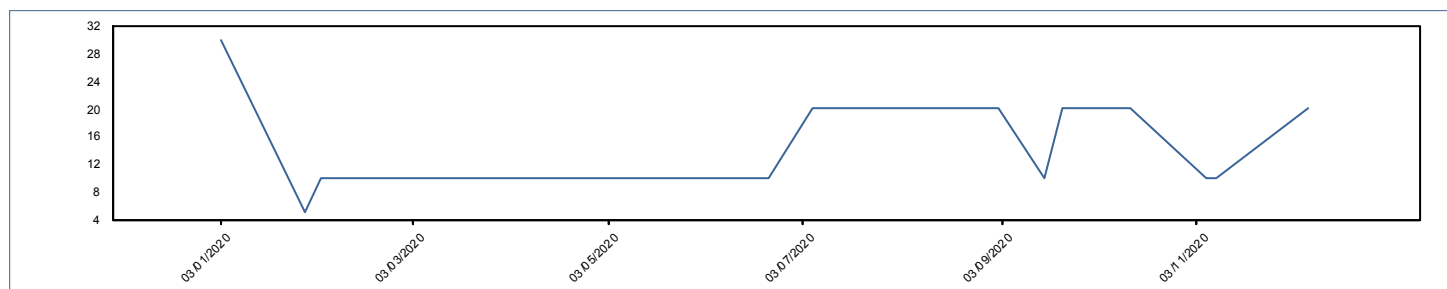
CHIWO118

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

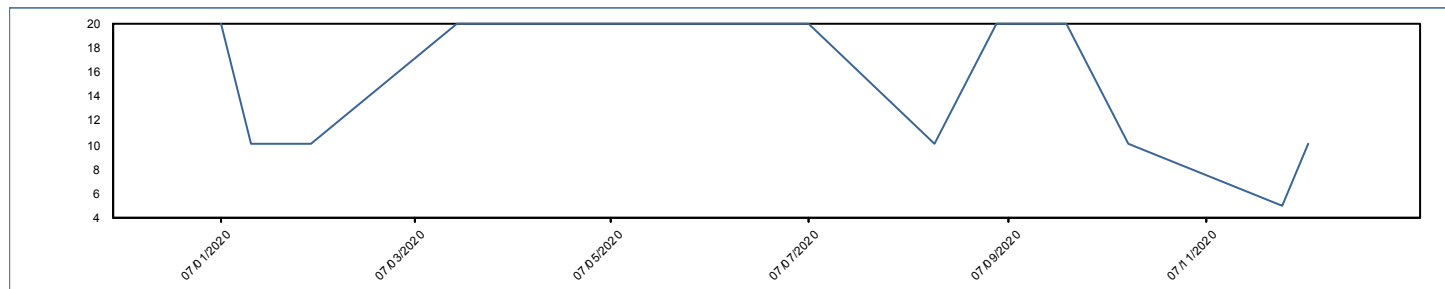
CHI0120

Number of readings

14

Number of breaches

0



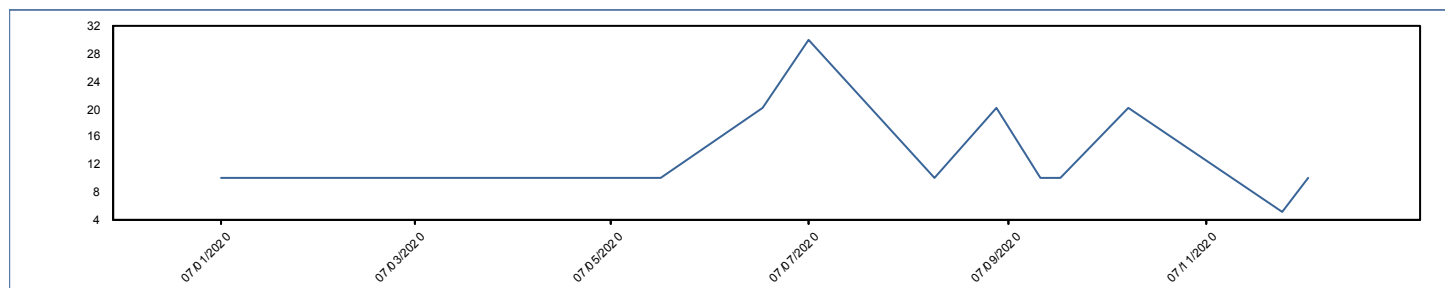
CHI0121

Number of readings

15

Number of breaches

0



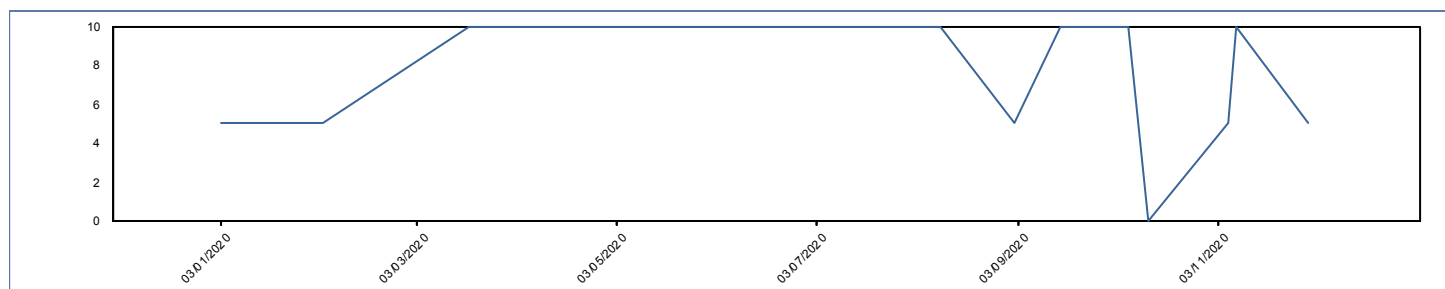
CHI0123

Number of readings

18

Number of breaches

0



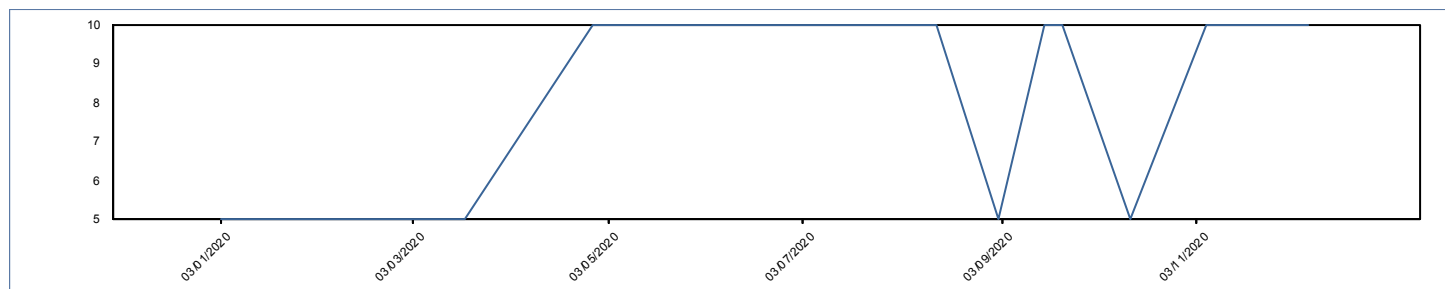
CHI0124

Number of readings

17

Number of breaches

0



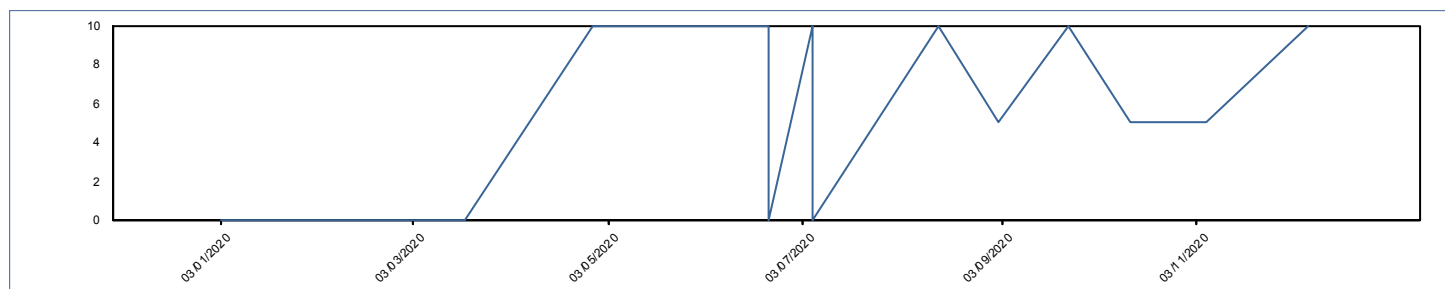
CHI0125

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

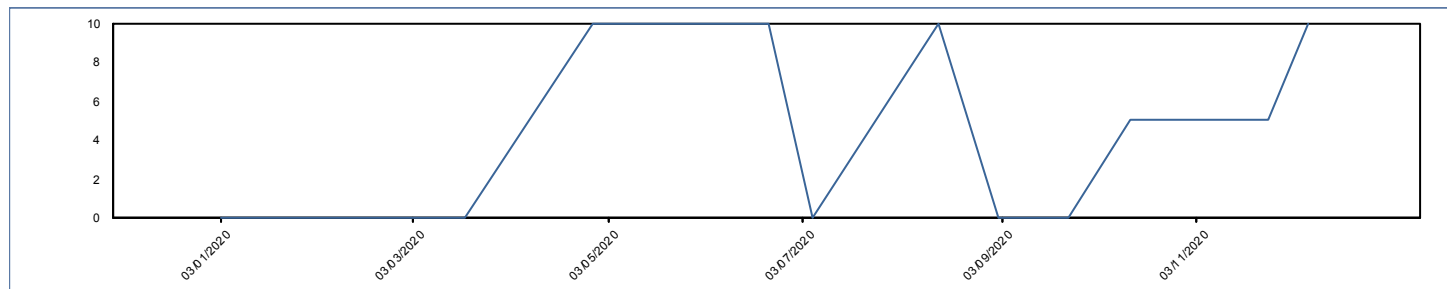
CHIW0126

Number of readings

17

Number of breaches

0



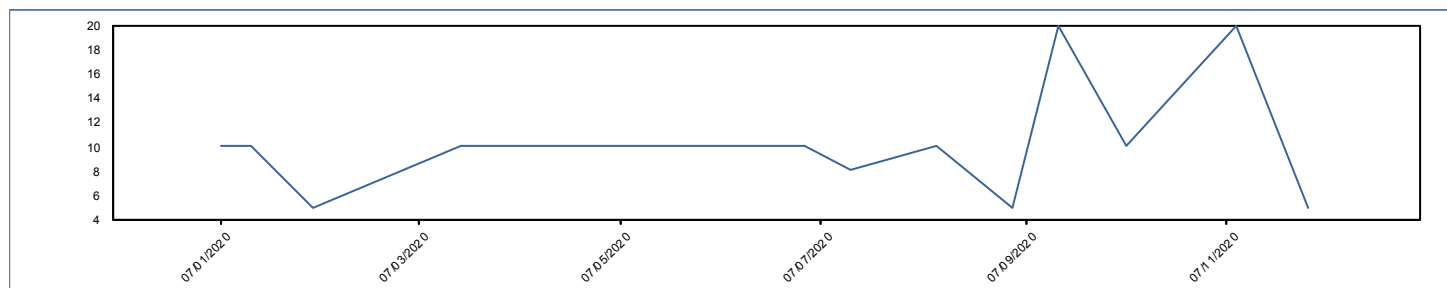
CHIW0127

Number of readings

15

Number of breaches

0



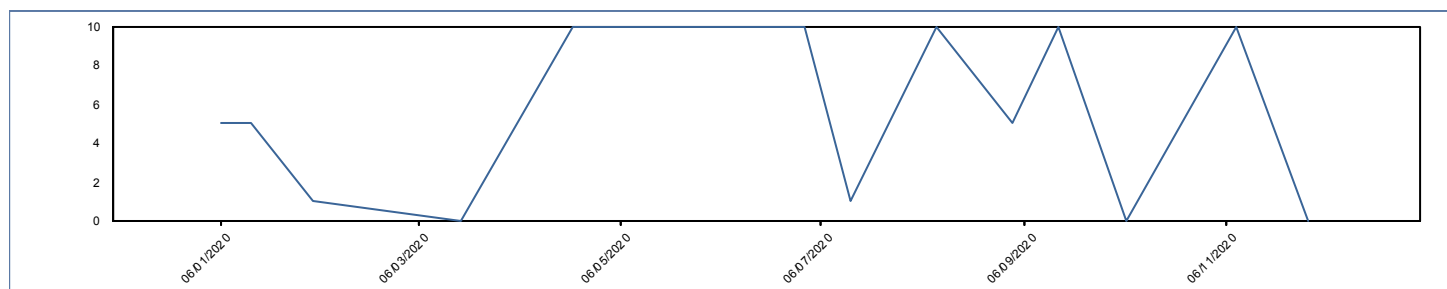
CHIW0128

Number of readings

19

Number of breaches

0



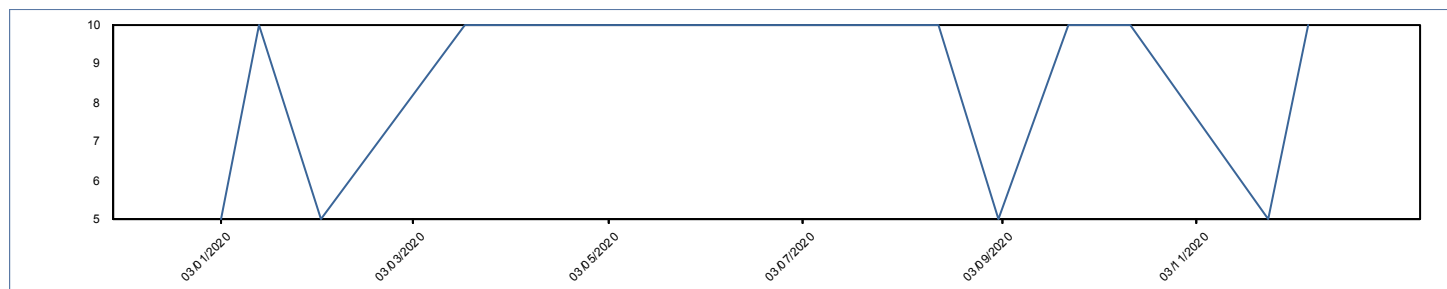
CHIW1601

Number of readings

15

Number of breaches

0



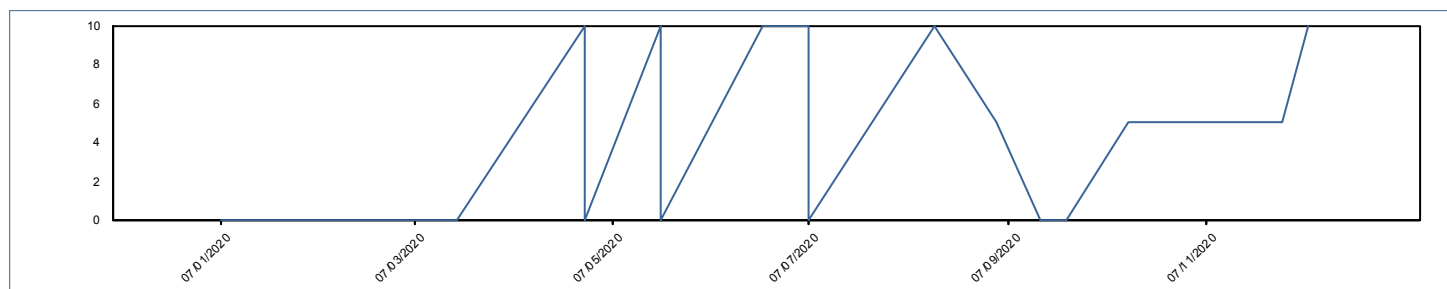
CHIW1602

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

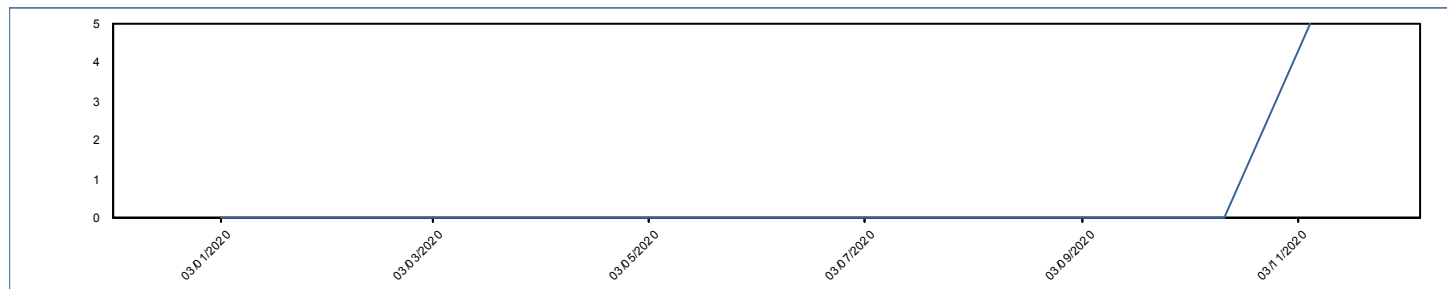
CHI1603

Number of readings

8

Number of breaches

0



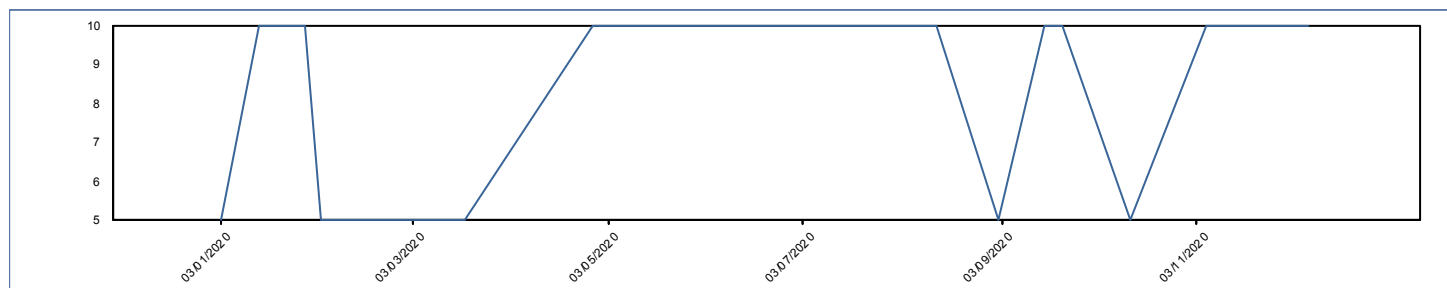
CHI1604

Number of readings

17

Number of breaches

0



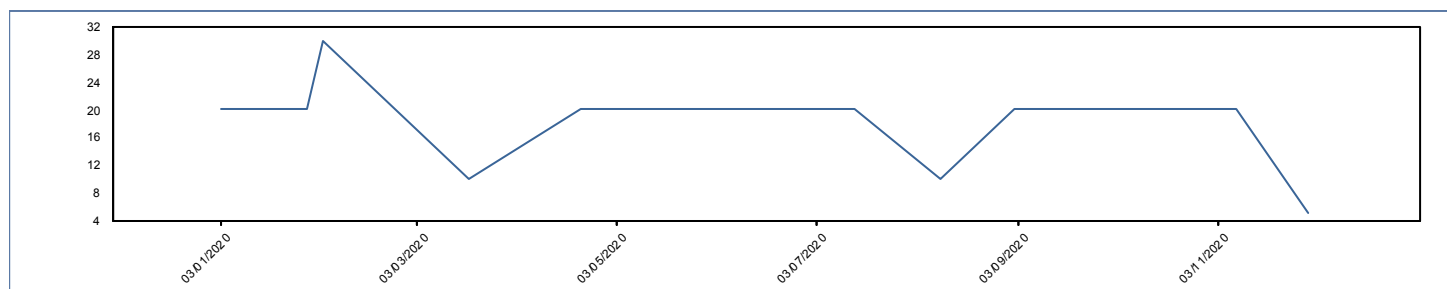
CHI1605

Number of readings

16

Number of breaches

0



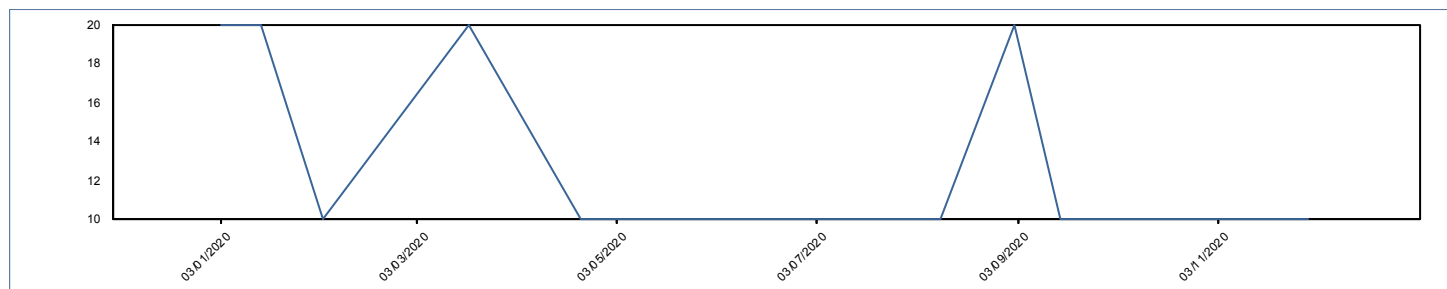
CHI1606

Number of readings

16

Number of breaches

0



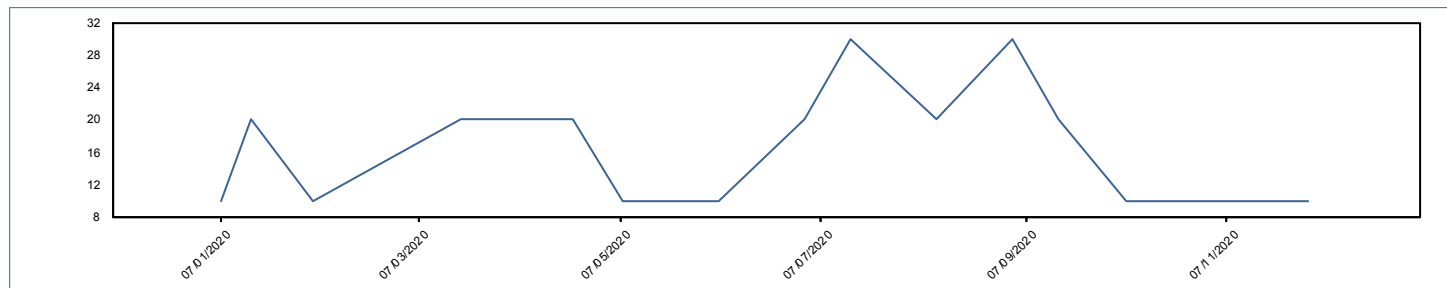
CHI1608

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

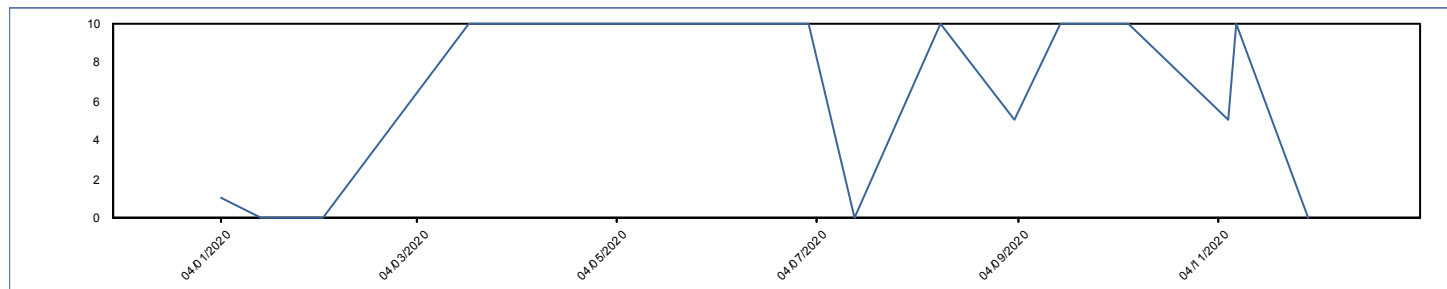
CHI1609

Number of readings

20

Number of breaches

0



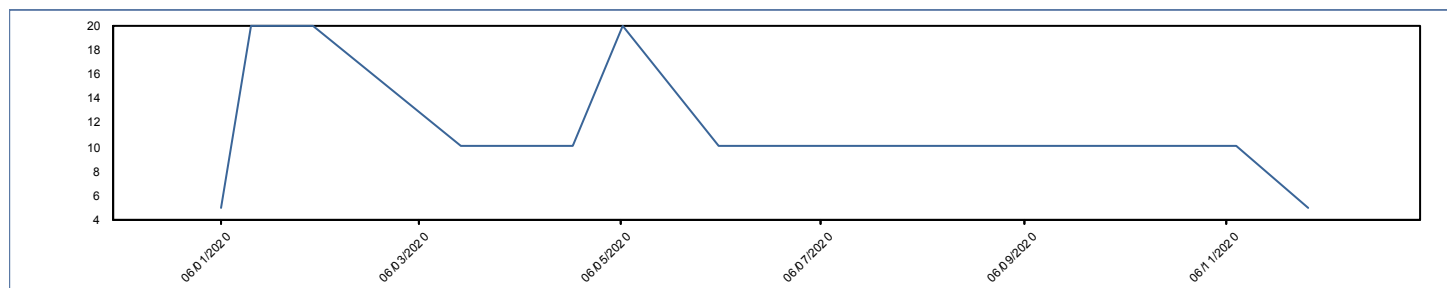
CHI1610

Number of readings

15

Number of breaches

0



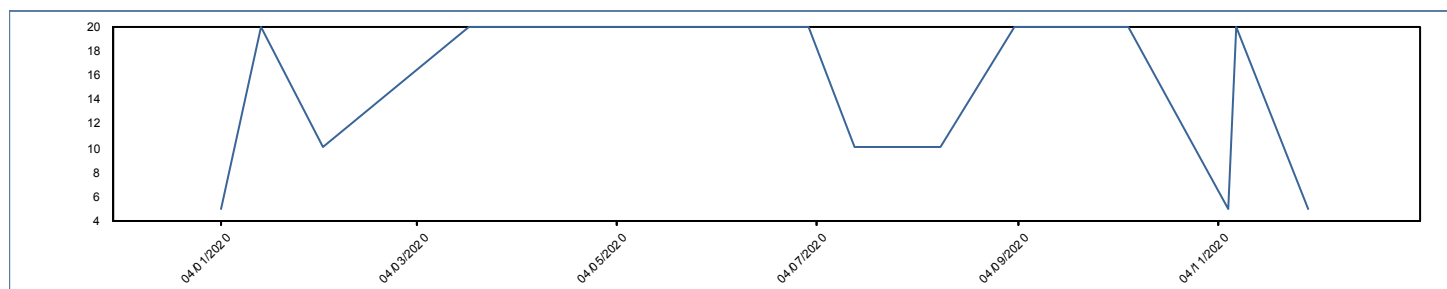
CHI1611

Number of readings

16

Number of breaches

0



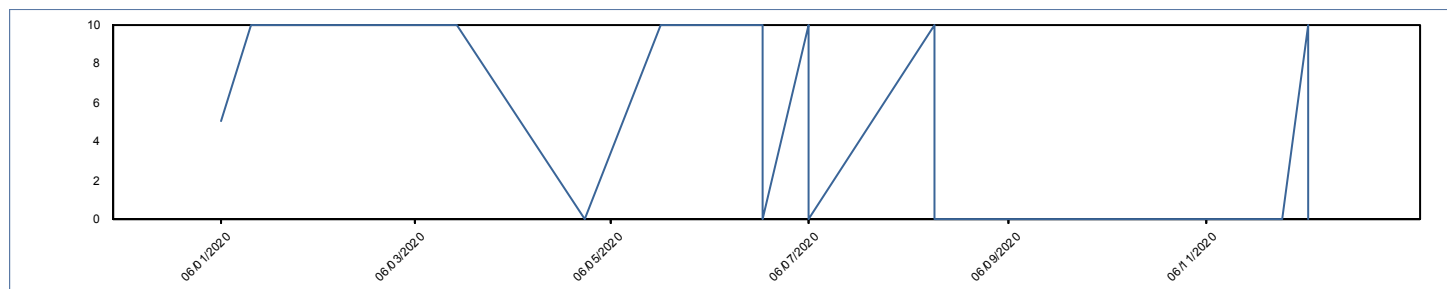
CHI1612

Number of readings

24

Number of breaches

0



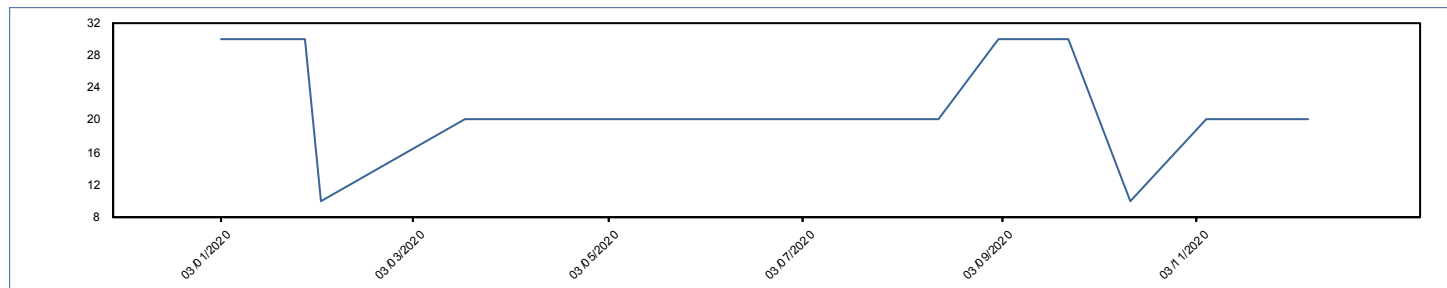
GW44

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

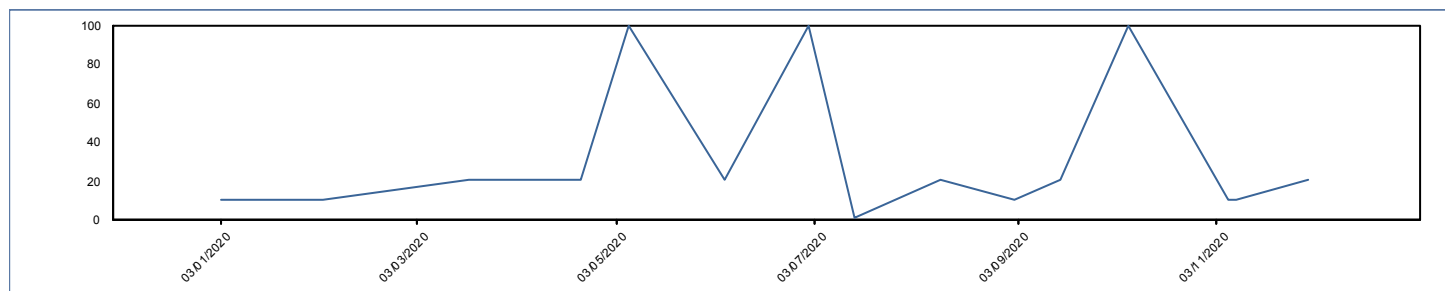
GW48

Number of readings

16

Number of breaches

0



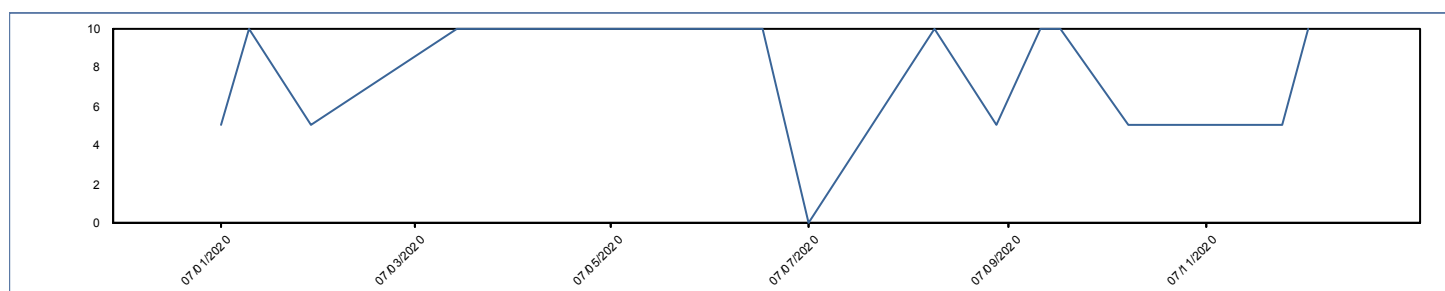
GW56

Number of readings

17

Number of breaches

0



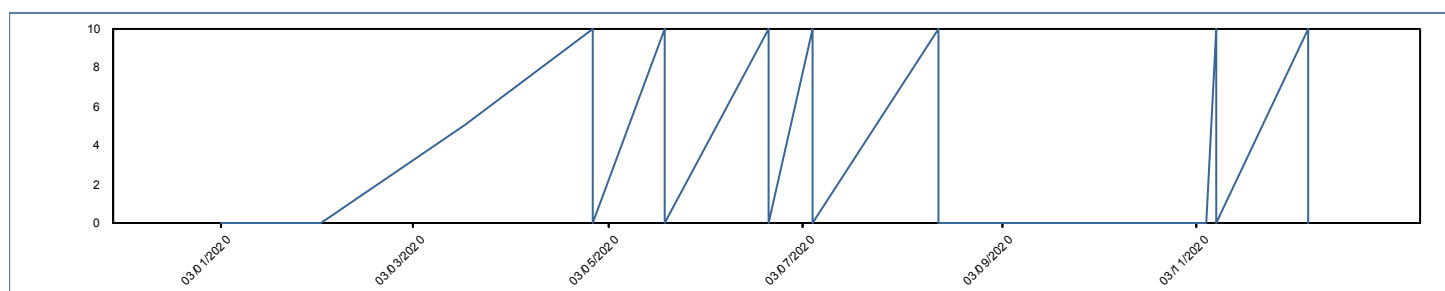
GW57

Number of readings

30

Number of breaches

0



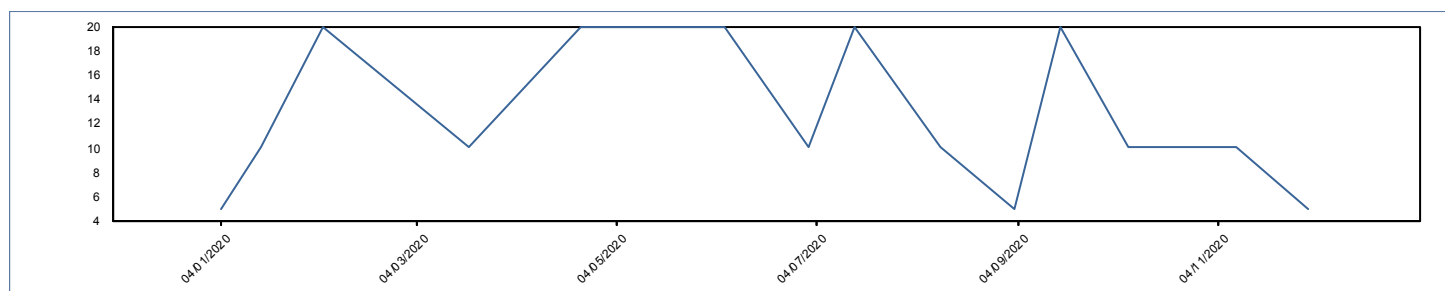
GW88

Number of readings

16

Number of breaches

0



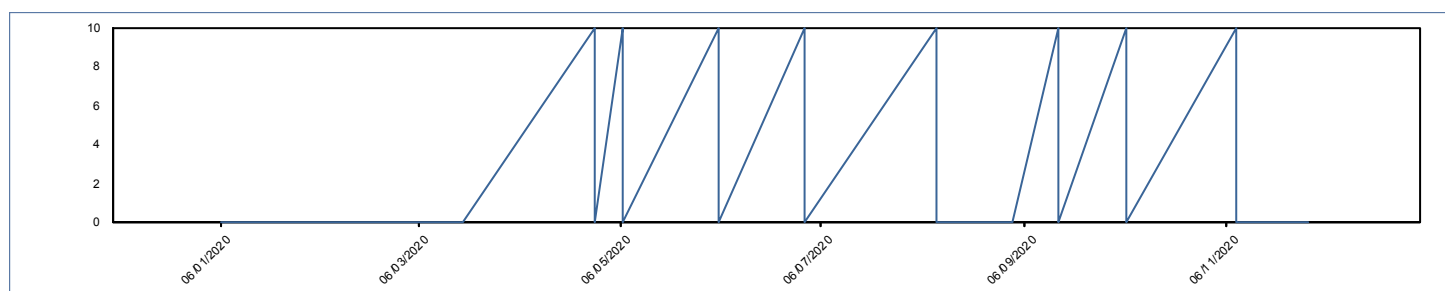
LC005A

Number of readings

29

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

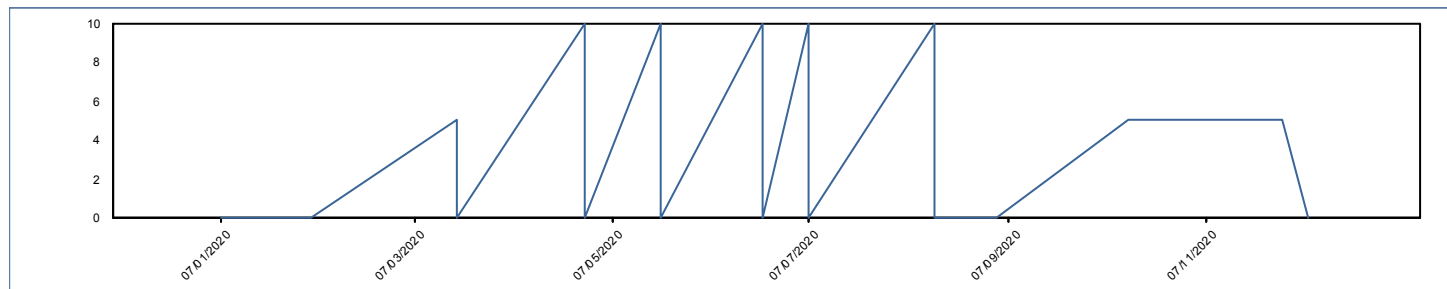
LC01B

Number of readings

24

Number of breaches

0



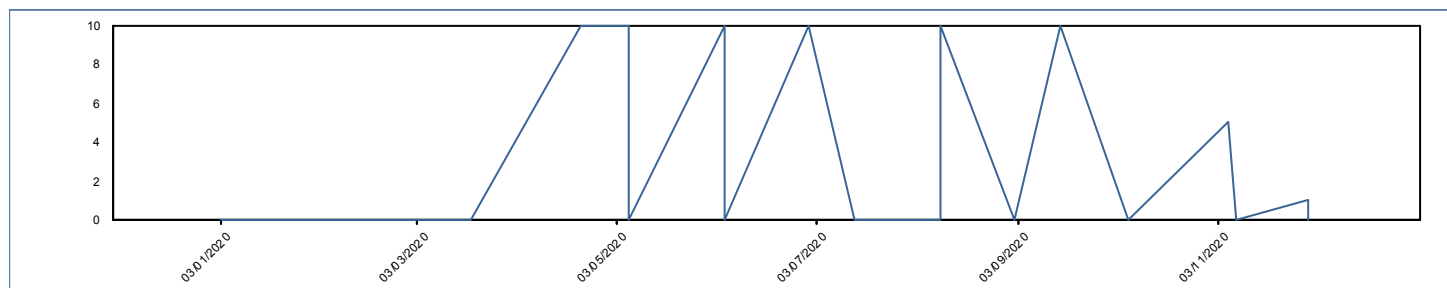
LM04B

Number of readings

28

Number of breaches

0



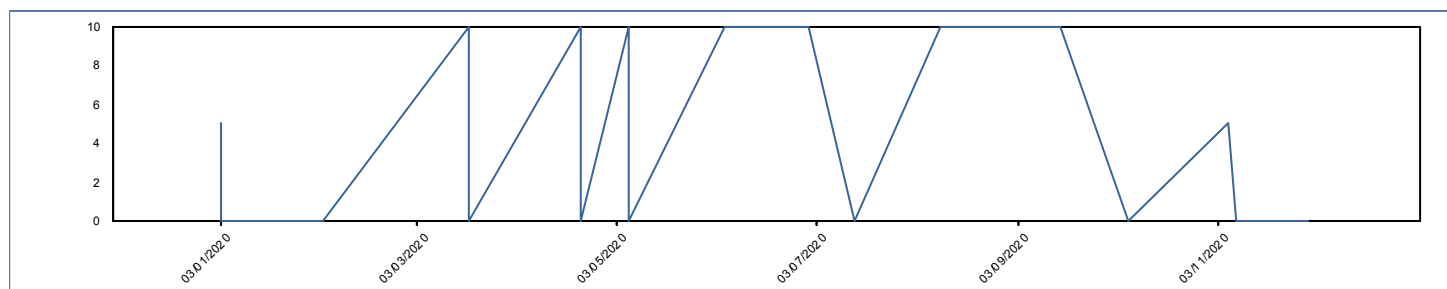
LM07B

Number of readings

25

Number of breaches

0



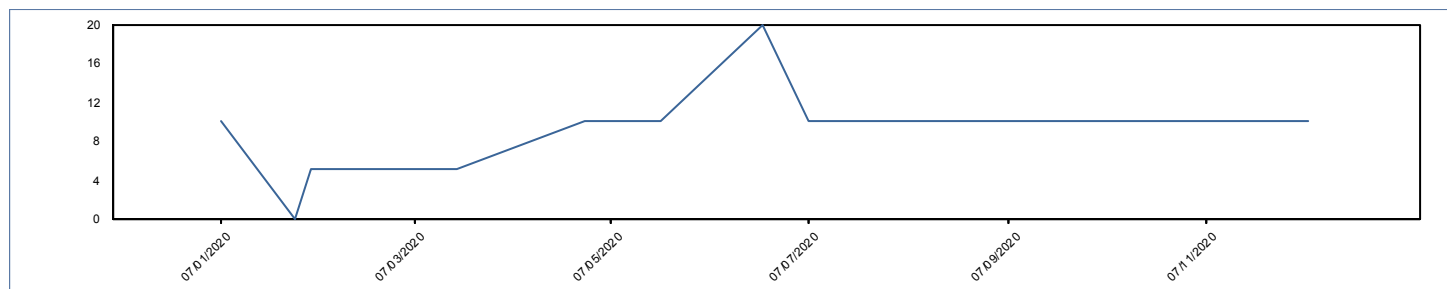
PBLFGXGW01

Number of readings

15

Number of breaches

0



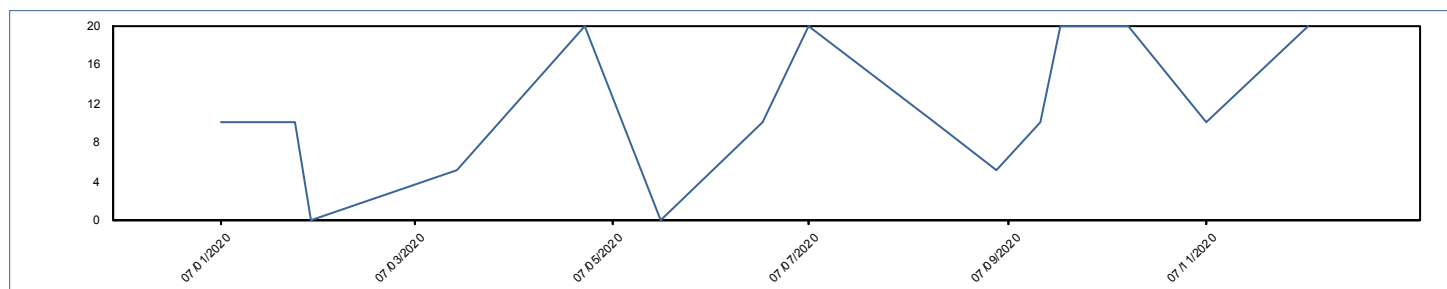
PBLFGXGW03

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

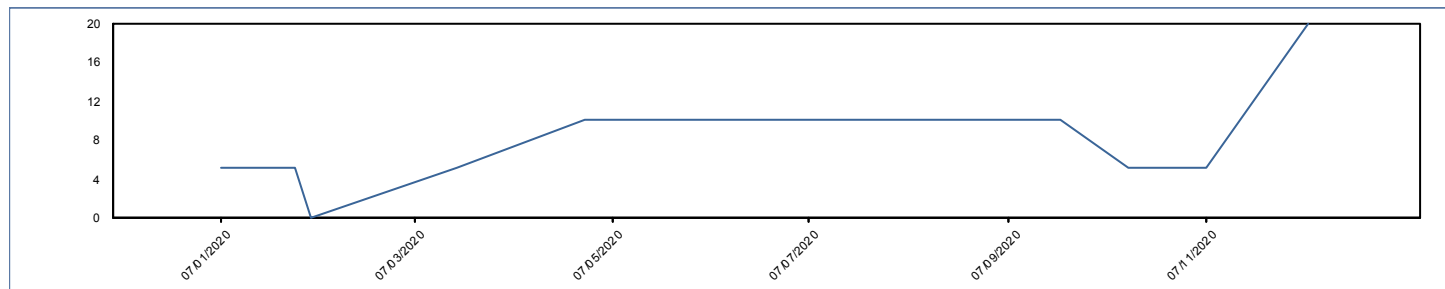
PBLFGXGW07

Number of readings

17

Number of breaches

0



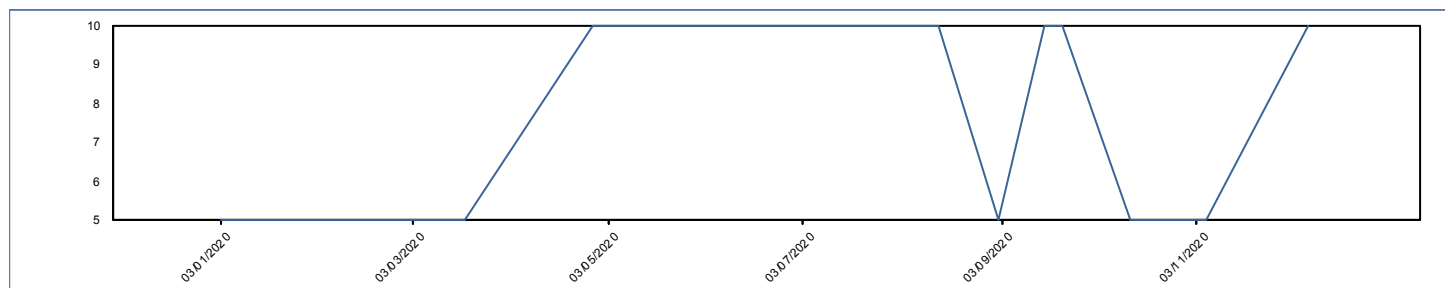
PBLFGXGW18

Number of readings

15

Number of breaches

0



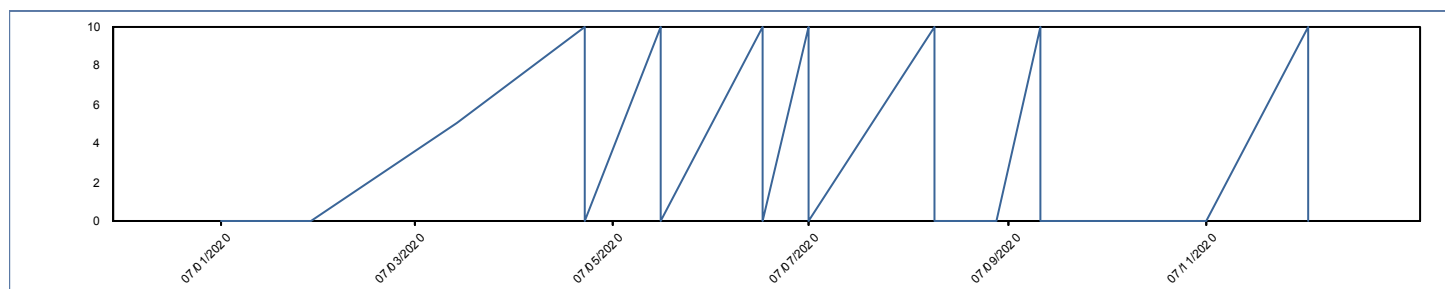
PBLFGXGW28

Number of readings

29

Number of breaches

0



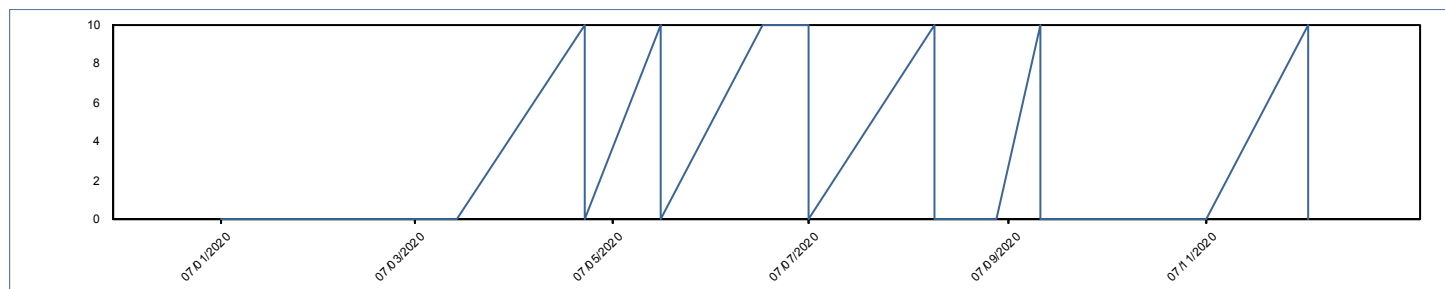
PBLFGXGW29

Number of readings

28

Number of breaches

0



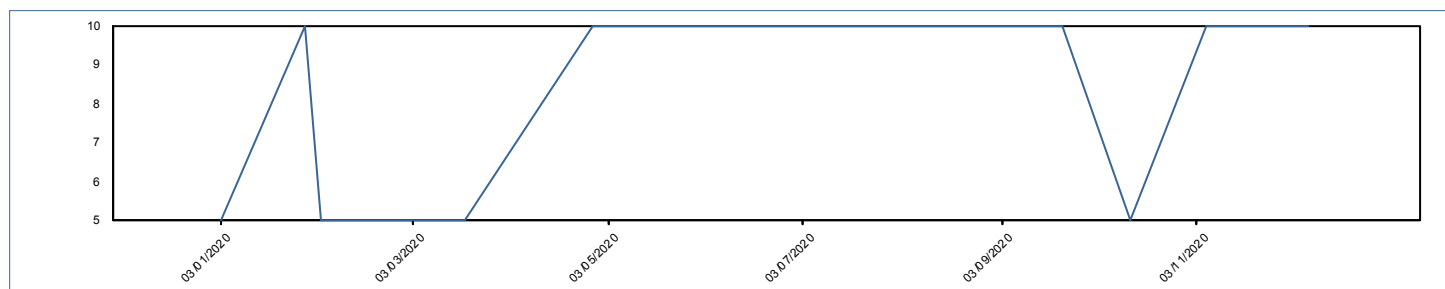
PBLFGXGW30

Number of readings

16

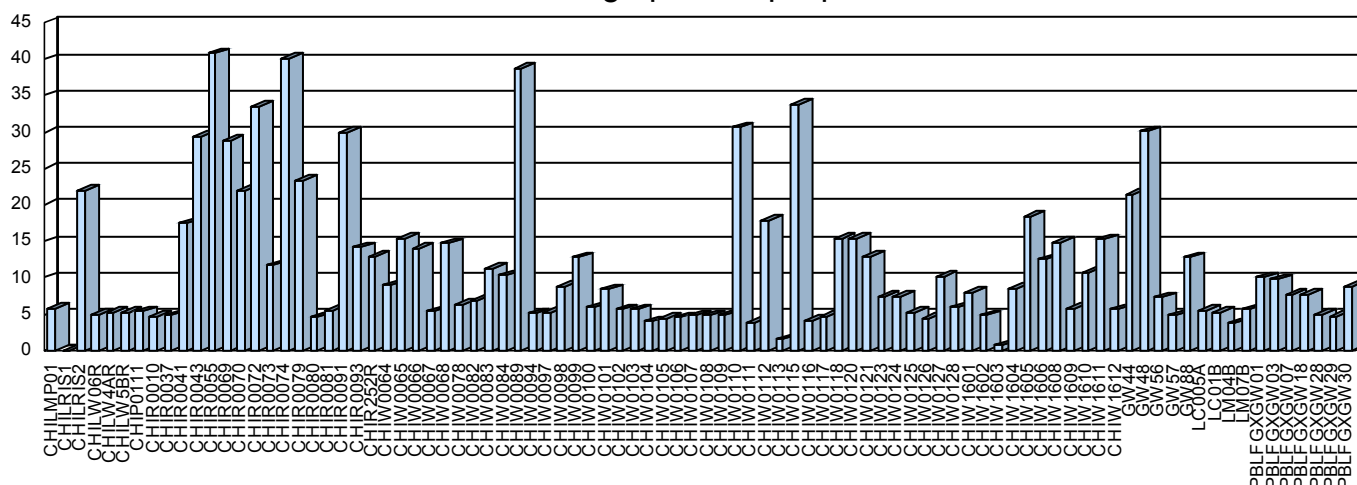
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	10.00	5.71	80.00	4.57	20.92	10.00
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	10.00	50.00	22.00	110.00	14.70	216.00	50.00
CHILW06R	28	0	0.00	10.00	5.00	140.00	4.82	23.21	10.00
CHILW4AR	27	0	0.00	10.00	5.19	140.00	4.61	21.26	10.00
CHILW5BR	29	0	0.00	10.00	5.21	151.00	4.79	22.92	10.00
CHIP0111	30	0	0.00	10.00	5.33	160.00	4.82	23.22	10.00
CHIR0010	30	0	0.00	10.00	4.67	140.00	4.99	24.89	10.00
CHIR0037	31	0	0.00	10.00	4.87	151.00	4.97	24.69	10.00
CHIR0041	16	0	5.00	25.00	17.50	280.00	5.30	28.13	25.00
CHIR0043	15	0	10.00	50.00	29.33	440.00	15.69	246.22	50.00
CHIR0055	15	0	1.00	50.00	40.73	611.00	16.36	267.53	50.00
CHIR0069	15	0	2.00	60.00	28.80	432.00	17.63	310.83	60.00
CHIR0070	15	0	5.00	50.00	22.00	330.00	12.08	146.00	50.00
CHIR0072	16	0	1.00	50.00	33.50	536.00	18.32	335.63	50.00
CHIR0073	18	0	0.00	30.00	11.67	210.00	7.45	55.56	30.00
CHIR0074	15	0	2.00	60.00	40.13	602.00	16.82	282.92	60.00
CHIR0079	15	0	1.00	30.00	23.40	351.00	9.26	85.84	30.00
CHIR0080	23	0	0.00	10.00	4.57	105.00	4.87	23.72	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0081	35	0	0.00	10.00	5.46	191.00	4.66	21.68	10.00
CHIR0091	17	0	10.00	50.00	30.00	510.00	14.95	223.53	50.00
CHIR0093	17	0	0.00	50.00	14.12	240.00	10.74	115.40	50.00
CHIR252R	14	0	5.00	20.00	12.86	180.00	5.58	31.12	20.00
CHIW0064	15	0	5.00	10.00	9.00	135.00	2.00	4.00	10.00
CHIW0065	14	0	5.00	20.00	15.36	215.00	5.50	30.23	20.00
CHIW0066	16	0	5.00	20.00	14.06	225.00	6.18	38.18	20.00
CHIW0067	37	0	0.00	10.00	5.41	200.00	4.98	24.84	10.00
CHIW0068	16	0	0.00	20.00	14.69	235.00	6.49	42.09	20.00
CHIW0078	20	0	0.00	20.00	6.30	126.00	5.16	26.61	15.00
CHIW0082	19	0	0.00	10.00	6.84	130.00	4.36	18.98	10.00
CHIW0083	16	0	5.00	20.00	11.25	180.00	5.45	29.69	20.00
CHIW0084	14	0	5.00	20.00	10.36	145.00	4.42	19.52	20.00
CHIW0089	16	0	10.00	50.00	38.75	620.00	13.64	185.94	50.00
CHIW0094	33	0	0.00	10.00	5.15	170.00	5.00	24.98	10.00
CHIW0097	34	0	0.00	10.00	5.29	180.00	4.99	24.91	10.00
CHIW0098	16	0	5.00	10.00	8.75	140.00	2.17	4.69	10.00
CHIW0099	16	0	0.00	30.00	12.81	205.00	7.90	62.40	30.00
CHIW0100	22	0	0.00	10.00	5.91	130.00	4.68	21.90	10.00
CHIW0101	16	0	5.00	10.00	8.44	135.00	2.32	5.37	10.00
CHIW0102	39	0	0.00	10.00	5.64	220.00	4.96	24.59	10.00
CHIW0103	24	0	0.00	10.00	5.63	135.00	4.40	19.40	10.00
CHIW0104	30	0	0.00	10.00	4.00	120.00	4.90	24.00	10.00
CHIW0105	24	0	0.00	10.00	4.38	105.00	4.40	19.40	10.00
CHIW0106	26	0	0.00	10.00	4.62	120.00	4.99	24.85	10.00
CHIW0107	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0108	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0109	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0110	15	0	10.00	50.00	30.67	460.00	14.82	219.56	50.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0111	28	0	0.00	10.00	3.93	110.00	4.88	23.85	10.00
CHIW0112	15	0	4.00	50.00	17.93	269.00	10.38	107.80	50.00
CHIW0113	20	0	0.00	10.00	1.50	30.00	3.57	12.75	10.00
CHIW0115	16	0	10.00	50.00	33.75	540.00	14.09	198.44	50.00
CHIW0116	25	0	0.00	10.00	4.20	105.00	4.83	23.36	10.00
CHIW0117	32	0	0.00	10.00	4.69	150.00	4.99	24.90	10.00
CHIW0118	15	0	10.00	30.00	15.33	230.00	6.18	38.22	30.00
CHIW0120	14	0	5.00	20.00	15.36	215.00	5.50	30.23	20.00
CHIW0121	15	0	5.00	30.00	13.00	195.00	6.27	39.33	30.00
CHIW0123	18	0	0.00	10.00	7.50	135.00	3.00	9.03	10.00
CHIW0124	17	0	1.00	10.00	7.41	126.00	2.89	8.36	10.00
CHIW0125	20	0	0.00	10.00	5.25	105.00	4.60	21.19	10.00
CHIW0126	17	0	0.00	10.00	4.41	75.00	4.50	20.24	10.00
CHIW0127	15	0	5.00	20.00	10.20	153.00	4.31	18.56	20.00
CHIW0128	19	0	0.00	10.00	5.89	112.00	4.24	17.99	10.00
CHIW1601	15	0	0.00	10.00	8.00	120.00	3.06	9.33	10.00
CHIW1602	25	0	0.00	10.00	4.80	120.00	4.58	20.96	10.00
CHIW1603	7	0	0.00	5.00	0.71	5.00	1.75	3.06	5.00
CHIW1604	17	0	5.00	10.00	8.53	145.00	2.28	5.19	10.00
CHIW1605	16	0	5.00	30.00	18.44	295.00	5.51	30.37	30.00
CHIW1606	16	0	10.00	20.00	12.50	200.00	4.33	18.75	20.00
CHIW1608	15	0	3.00	30.00	14.87	223.00	6.80	46.25	30.00
CHIW1609	20	0	0.00	10.00	5.80	116.00	4.49	20.16	10.00
CHIW1610	15	0	0.00	20.00	10.67	160.00	5.44	29.56	20.00
CHIW1611	16	0	5.00	20.00	15.31	245.00	6.24	38.96	20.00
CHIW1612	24	0	0.00	10.00	5.63	135.00	4.85	23.57	10.00
GW44	14	0	10.00	30.00	21.43	300.00	6.39	40.82	30.00
GW48	16	0	1.00	100.00	30.06	481.00	34.04	1,158.81	100.00
GW56	17	0	0.00	10.00	7.35	125.00	3.48	12.11	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
GW57	30	0	0.00	10.00	4.83	145.00	4.91	24.14	10.00
GW88	16	0	5.00	20.00	12.81	205.00	5.85	34.28	20.00
LC005A	29	0	0.00	10.00	5.52	160.00	4.97	24.73	10.00
LC01B	24	0	0.00	10.00	5.21	125.00	4.67	21.83	10.00
LM04B	28	0	0.00	10.00	3.79	106.00	4.53	20.53	10.00
LM07B	25	0	0.00	10.00	5.60	140.00	4.76	22.64	10.00
PBLFGXGW01	15	0	5.00	20.00	10.00	150.00	3.16	10.00	20.00
PBLFGXGW03	19	0	0.00	20.00	9.74	185.00	7.16	51.25	20.00
PBLFGXGW07	17	0	0.00	20.00	7.65	130.00	4.58	20.93	20.00
PBLFGXGW18	15	0	5.00	10.00	7.67	115.00	2.49	6.22	10.00
PBLFGXGW28	29	0	0.00	10.00	5.00	145.00	4.91	24.14	10.00
PBLFGXGW29	28	0	0.00	10.00	4.64	130.00	4.99	24.87	10.00
PBLFGXGW30	16	0	5.00	10.00	8.75	140.00	2.17	4.69	10.00
Total	1,804	0	0.00	100.00	9.91	17,877.00	11.33	128.29	30.00

Data from: 1 Jan 2020 to: 31 Dec 2020

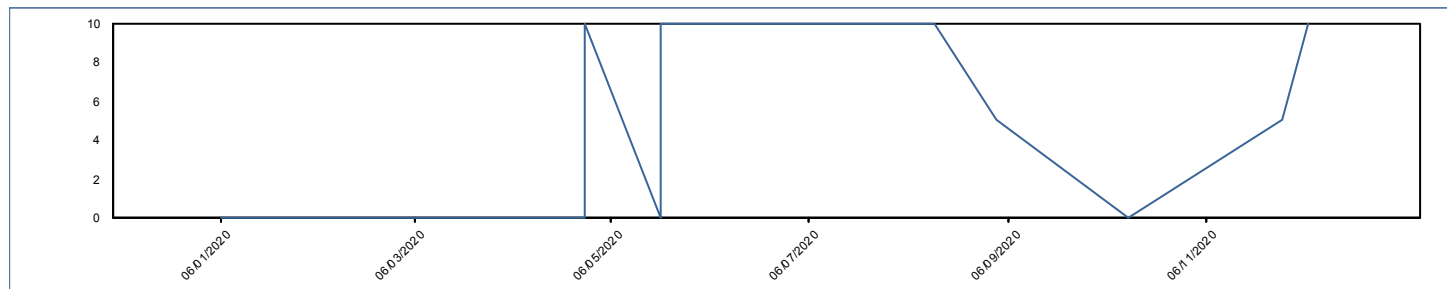
CHILMP01

Number of readings

14

Number of breaches

0



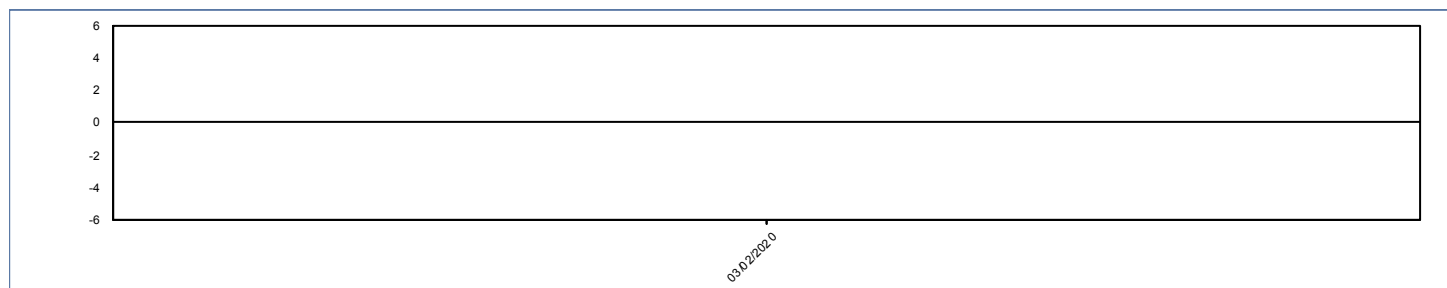
CHILRIS1

Number of readings

1

Number of breaches

0



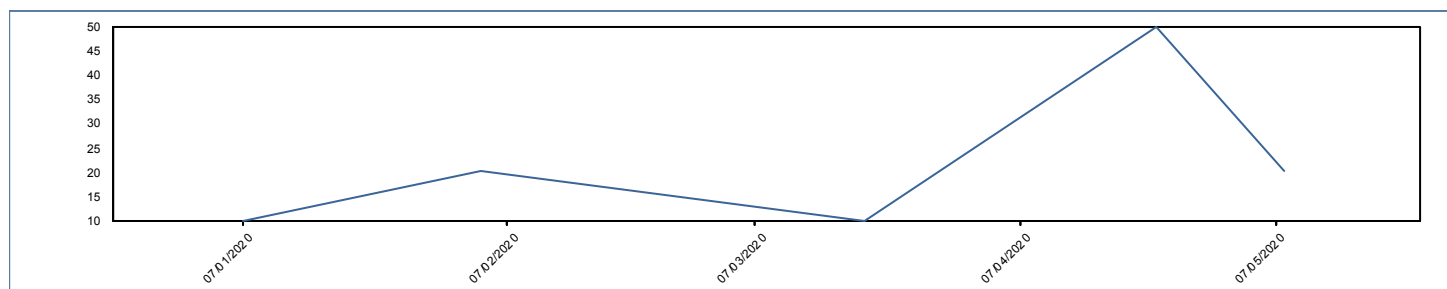
CHILRIS2

Number of readings

5

Number of breaches

0



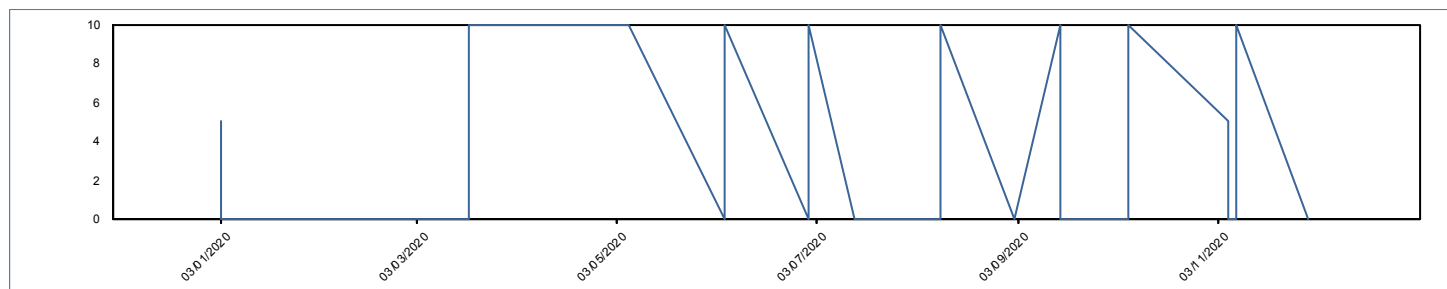
CHILW06R

Number of readings

28

Number of breaches

0



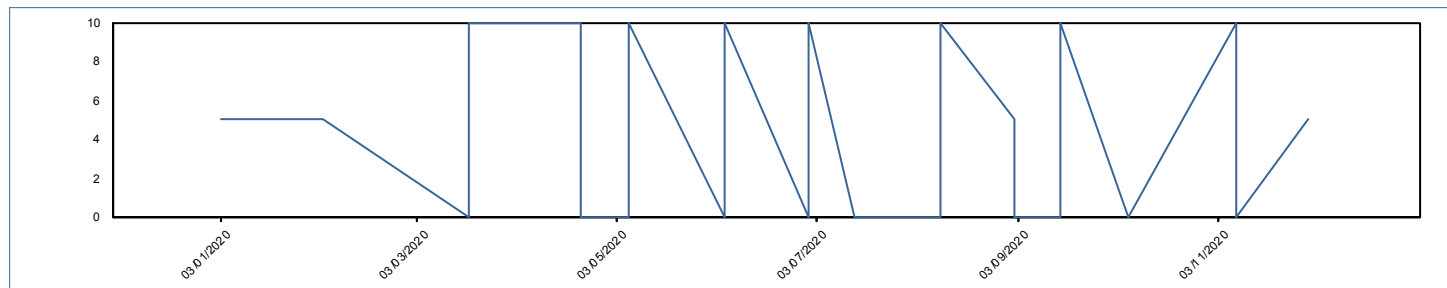
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

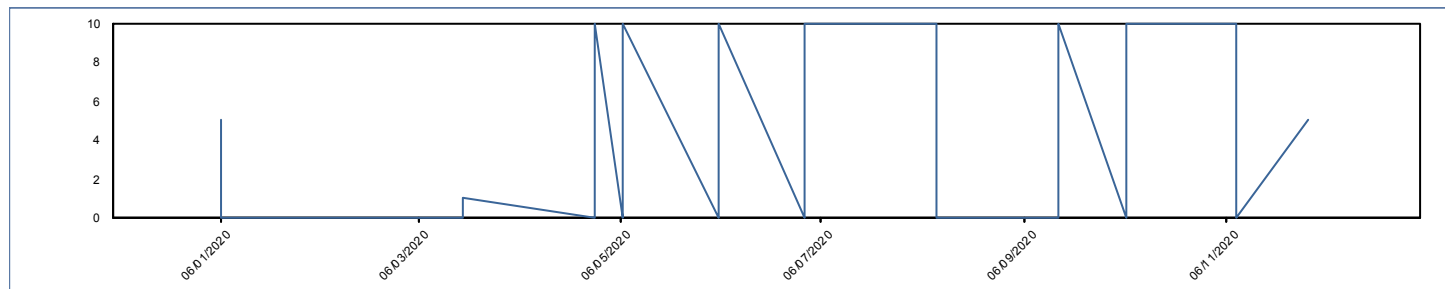
CHILW5BR

Number of readings

29

Number of breaches

0



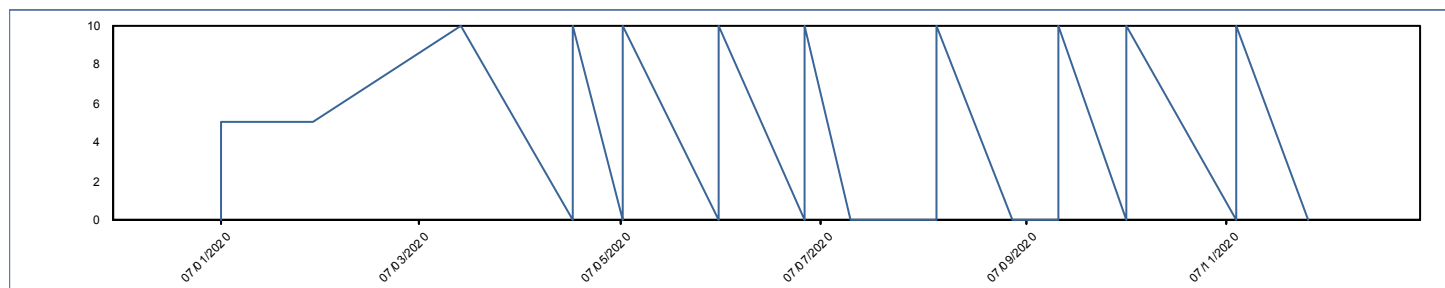
CHIP0111

Number of readings

30

Number of breaches

0



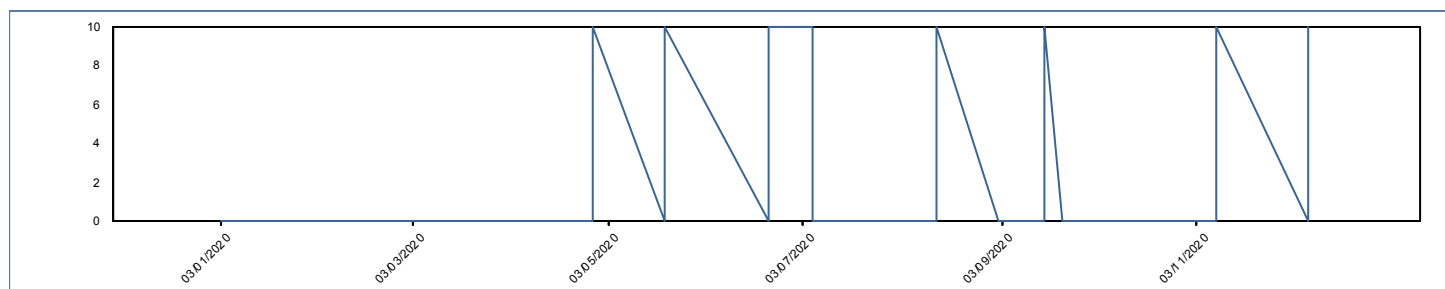
CHIR0010

Number of readings

30

Number of breaches

0



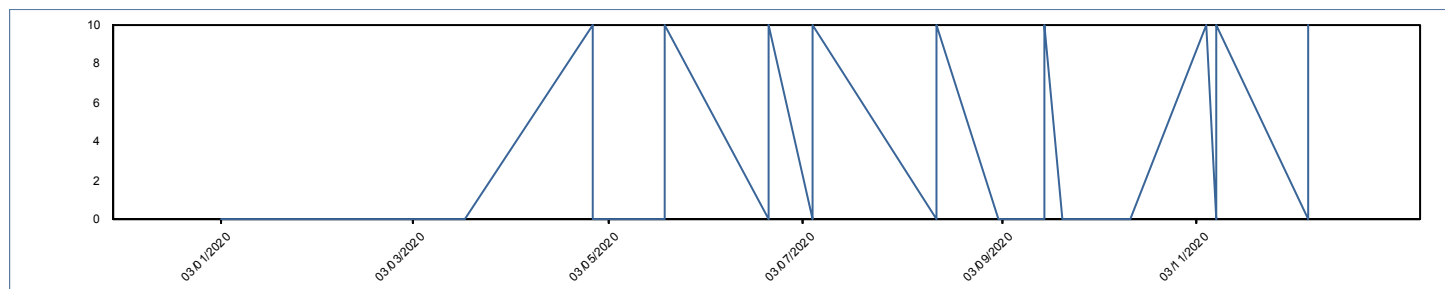
CHIR0037

Number of readings

31

Number of breaches

0



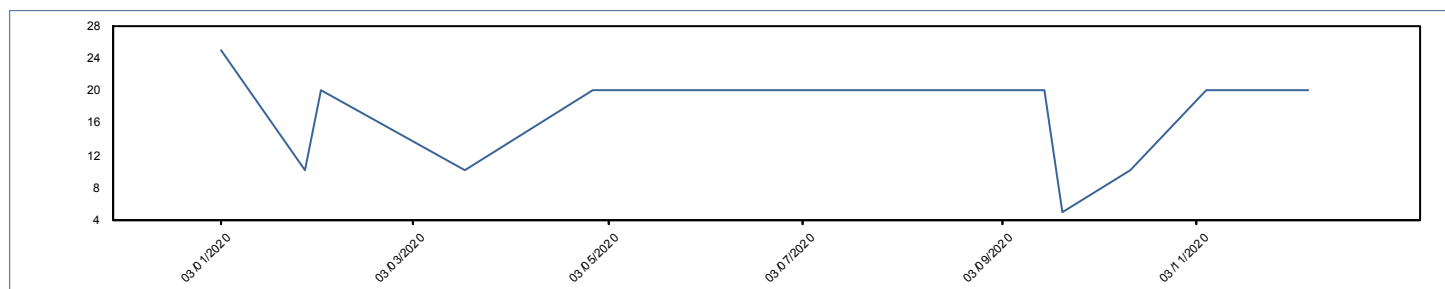
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

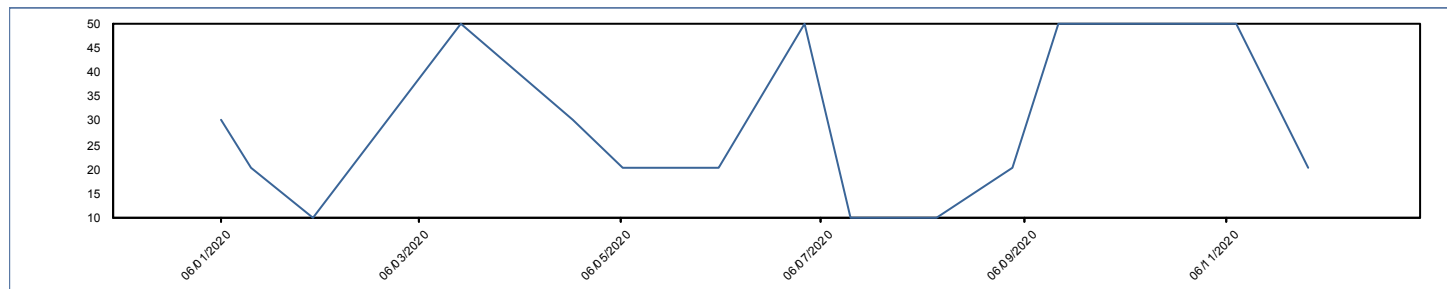
CHIR0043

Number of readings

15

Number of breaches

0



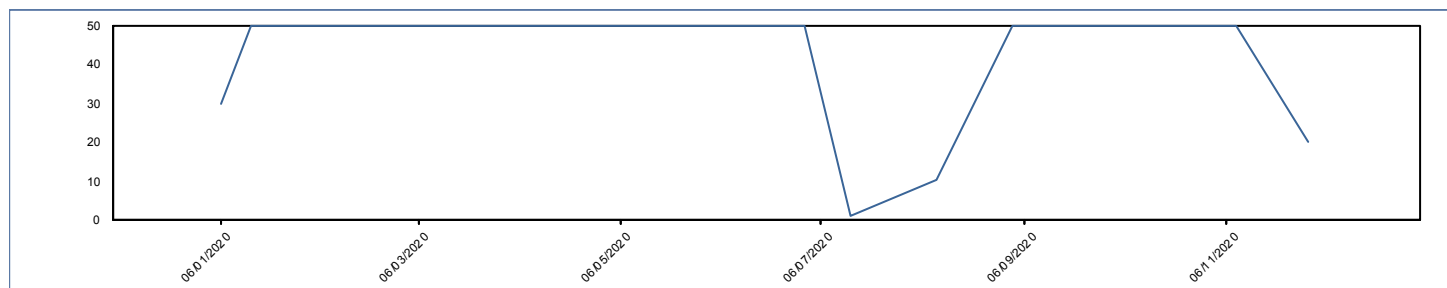
CHIR0055

Number of readings

15

Number of breaches

0



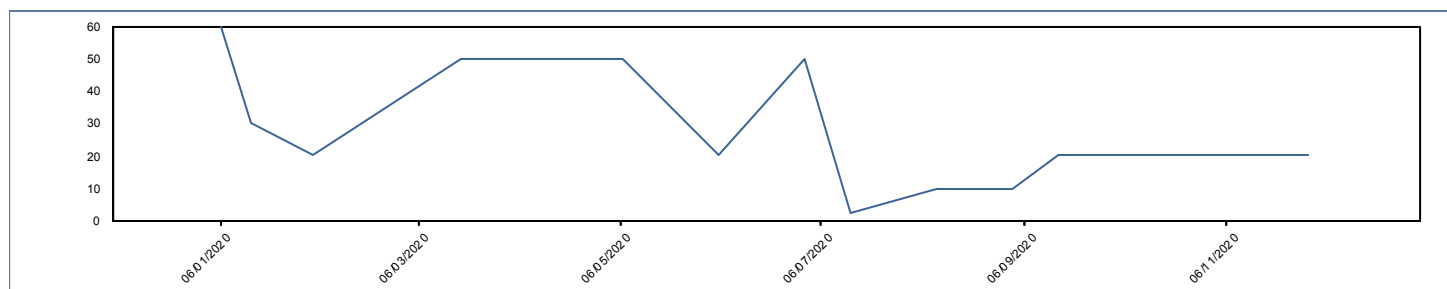
CHIR0069

Number of readings

15

Number of breaches

0



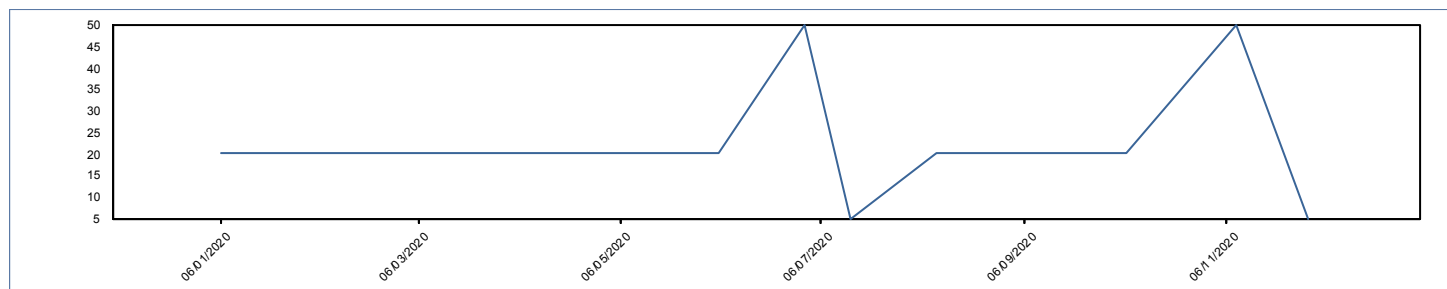
CHIR0070

Number of readings

15

Number of breaches

0



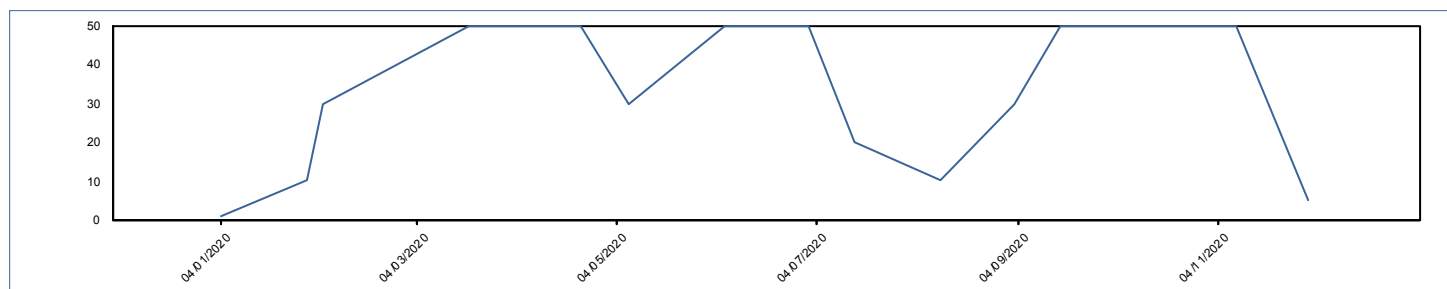
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

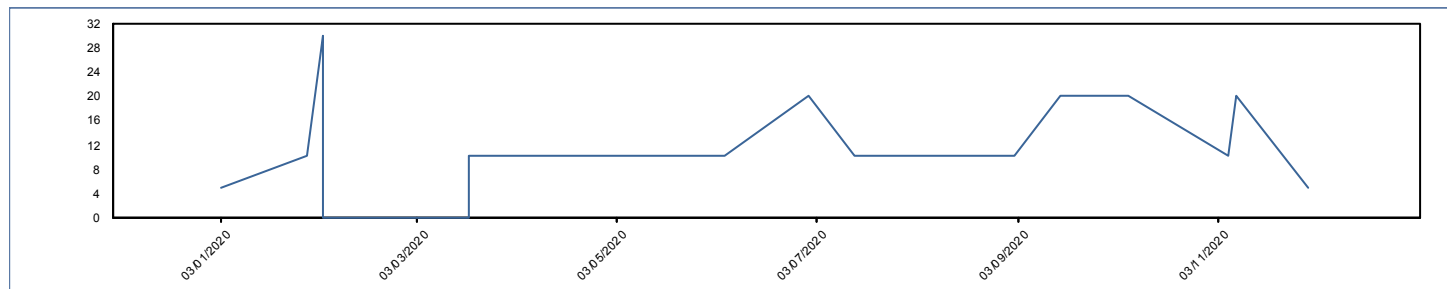
CHIR0073

Number of readings

18

Number of breaches

0



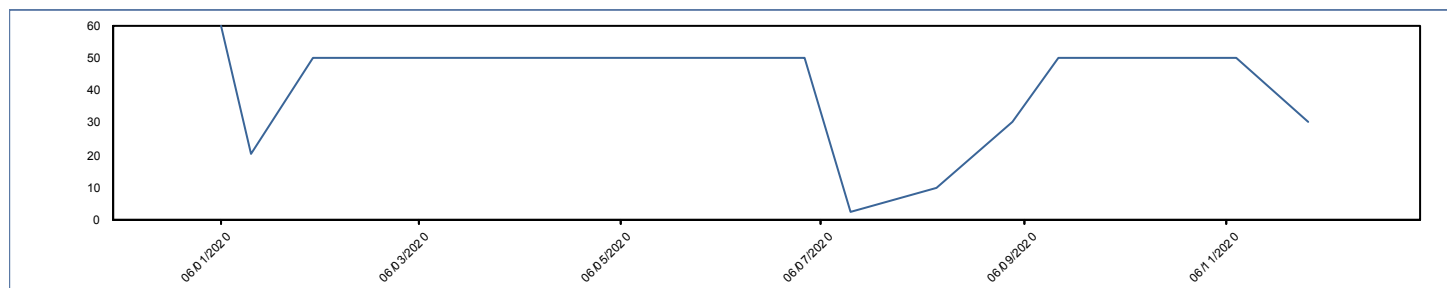
CHIR0074

Number of readings

15

Number of breaches

0



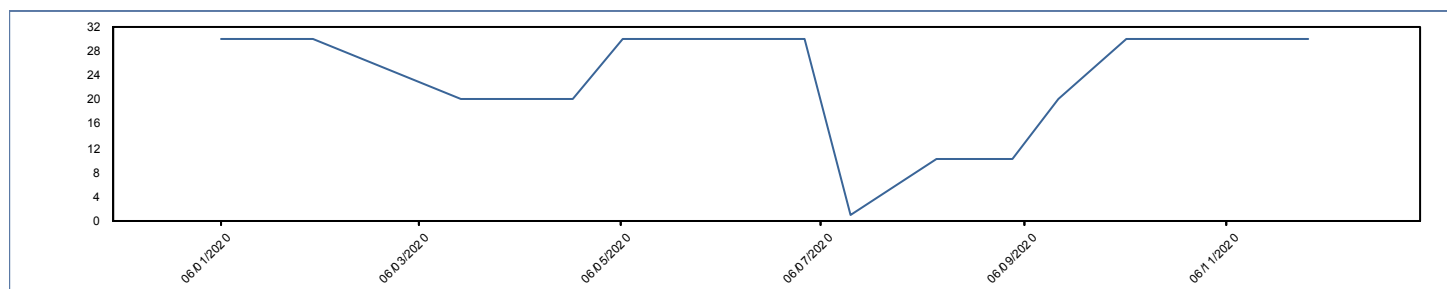
CHIR0079

Number of readings

15

Number of breaches

0



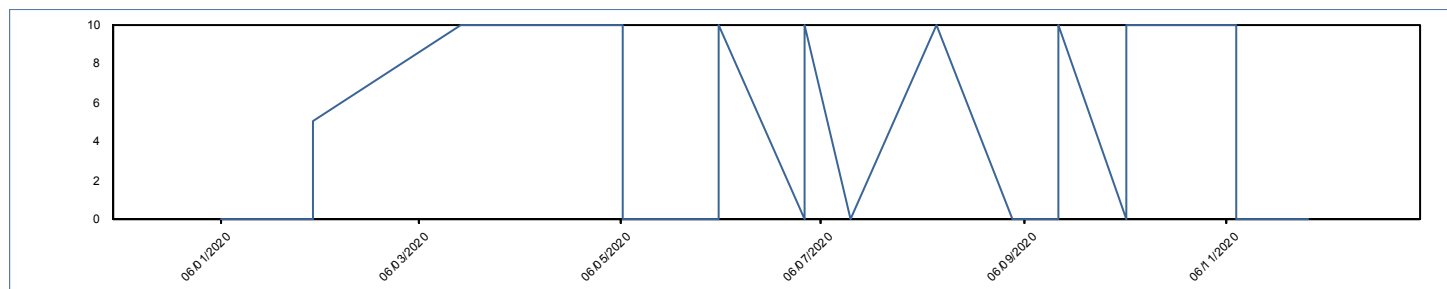
CHIR0080

Number of readings

23

Number of breaches

0



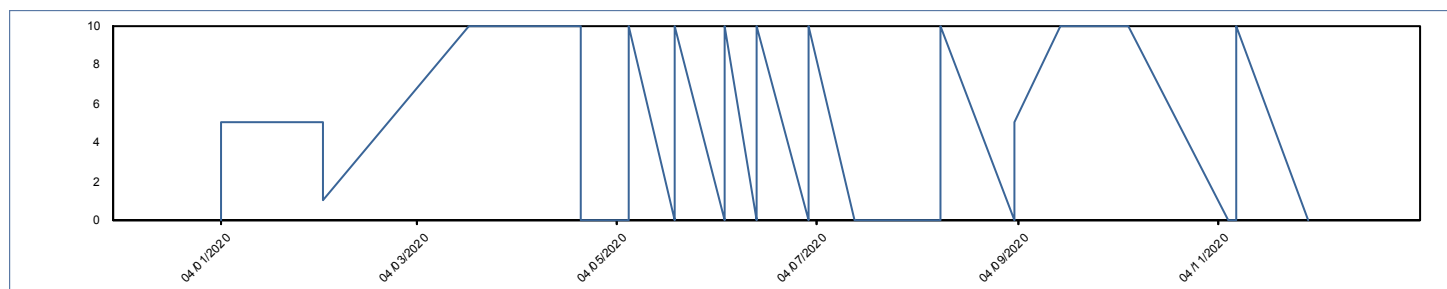
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

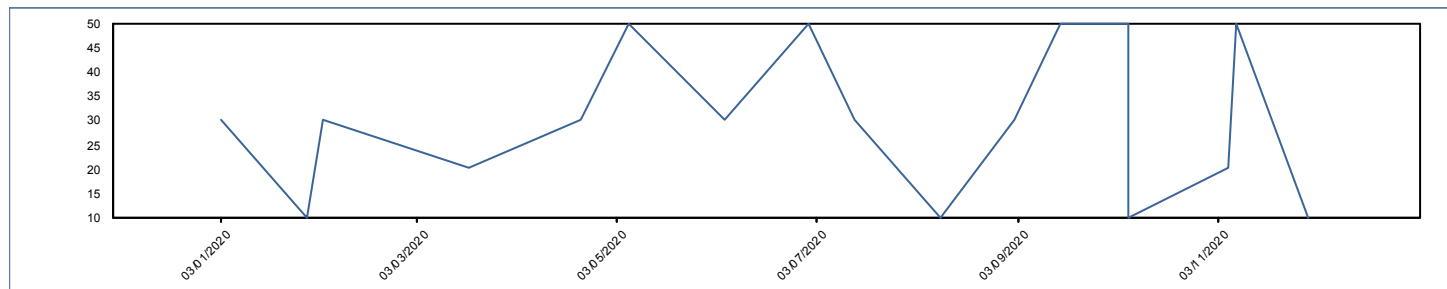
CHIR0091

Number of readings

17

Number of breaches

0



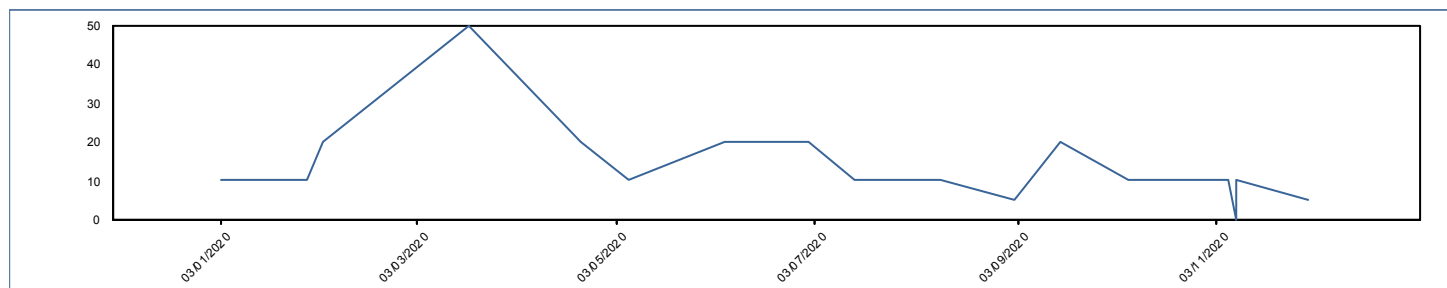
CHIR0093

Number of readings

17

Number of breaches

0



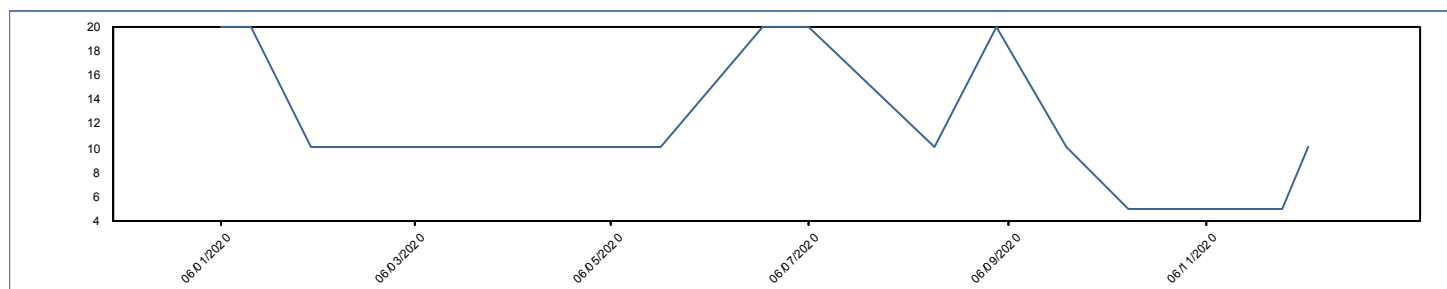
CHIR252R

Number of readings

14

Number of breaches

0



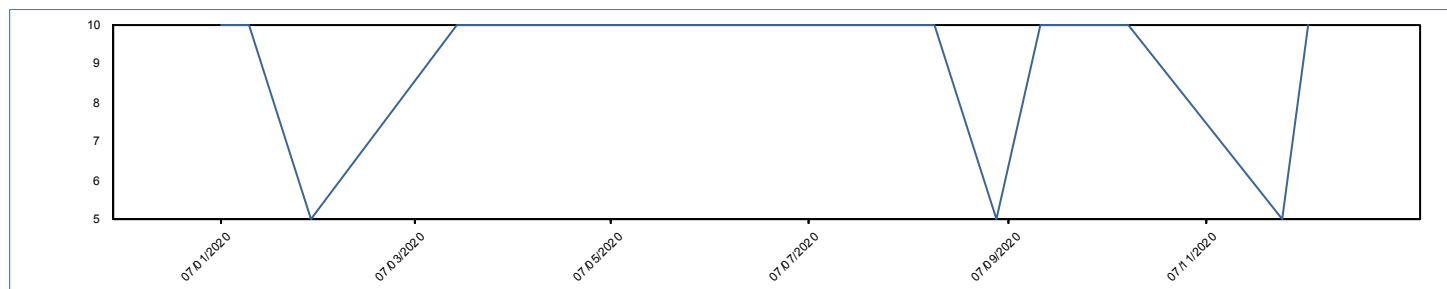
CHIW0064

Number of readings

15

Number of breaches

0



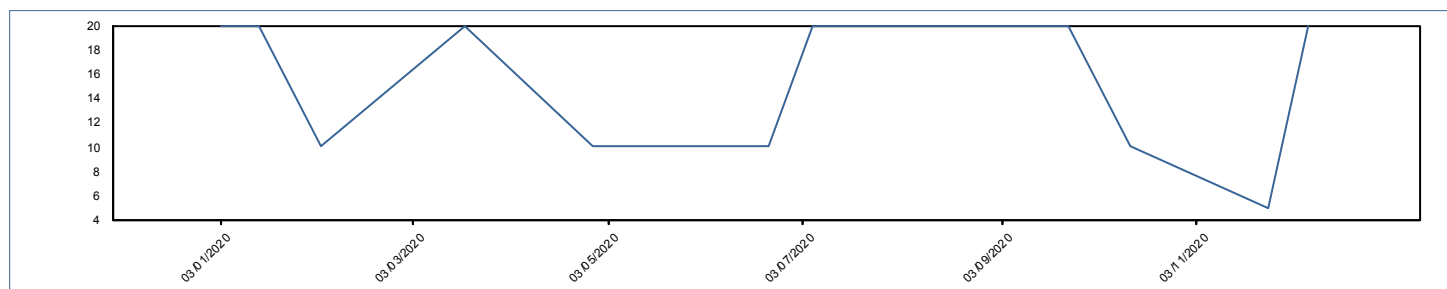
CHIW0065

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

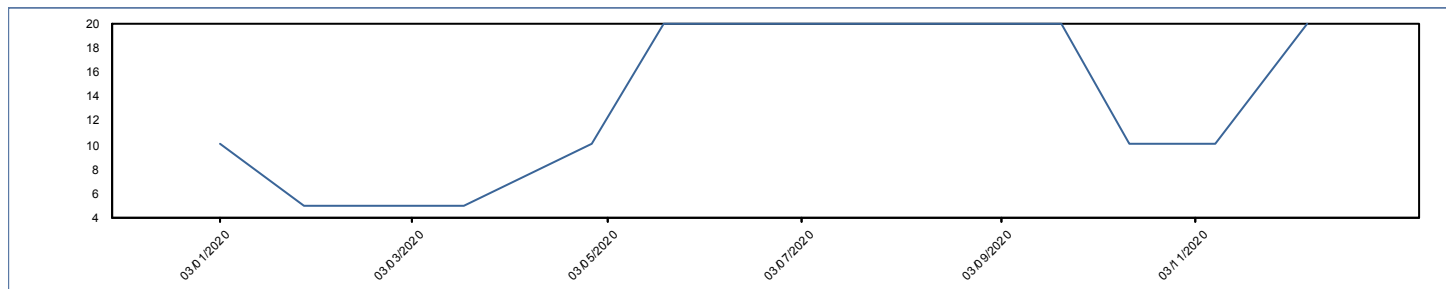
CHI0066

Number of readings

16

Number of breaches

0



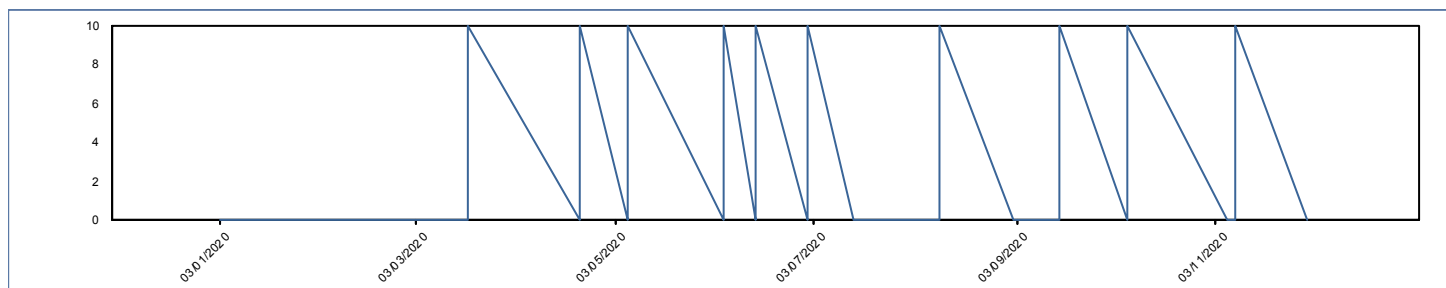
CHI0067

Number of readings

37

Number of breaches

0



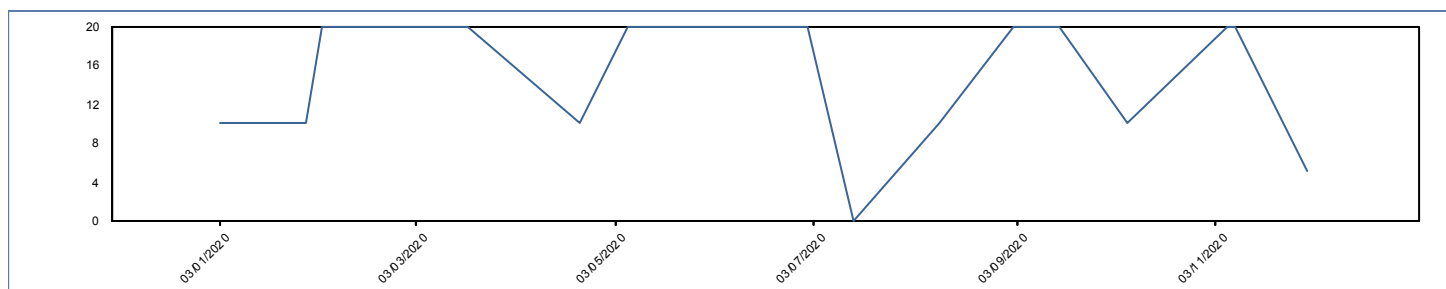
CHI0068

Number of readings

16

Number of breaches

0



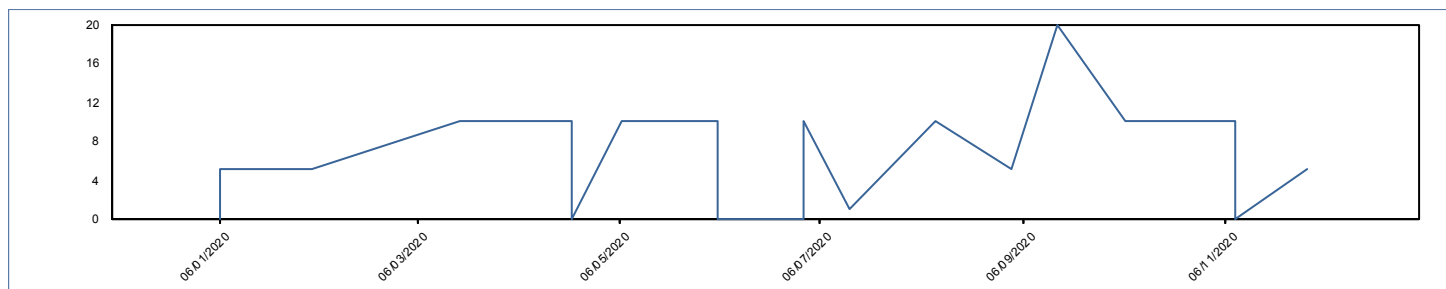
CHI0078

Number of readings

20

Number of breaches

0



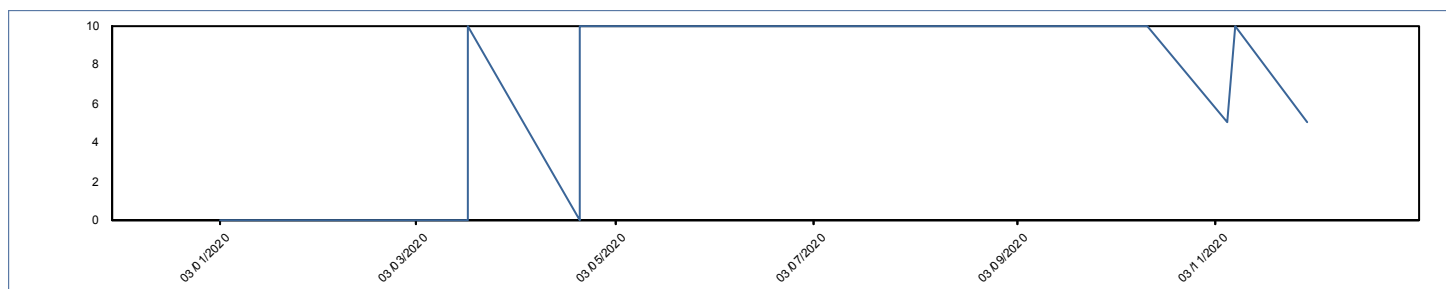
CHI0082

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

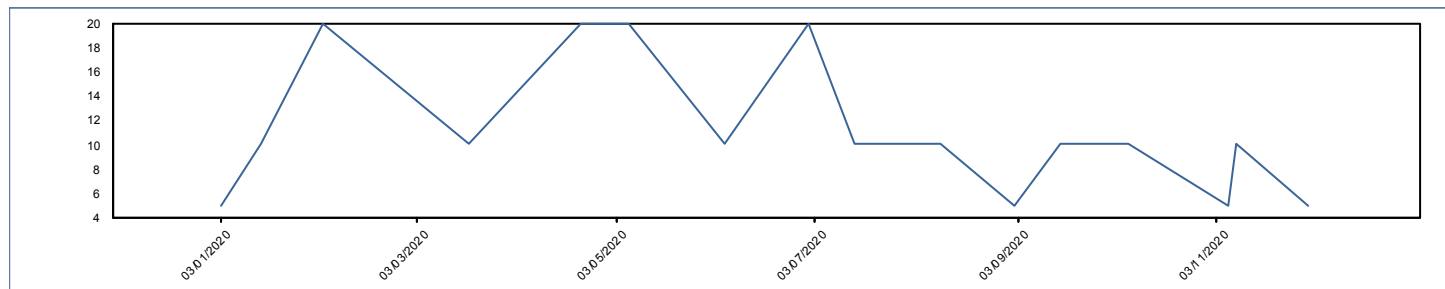
CHI0083

Number of readings

16

Number of breaches

0



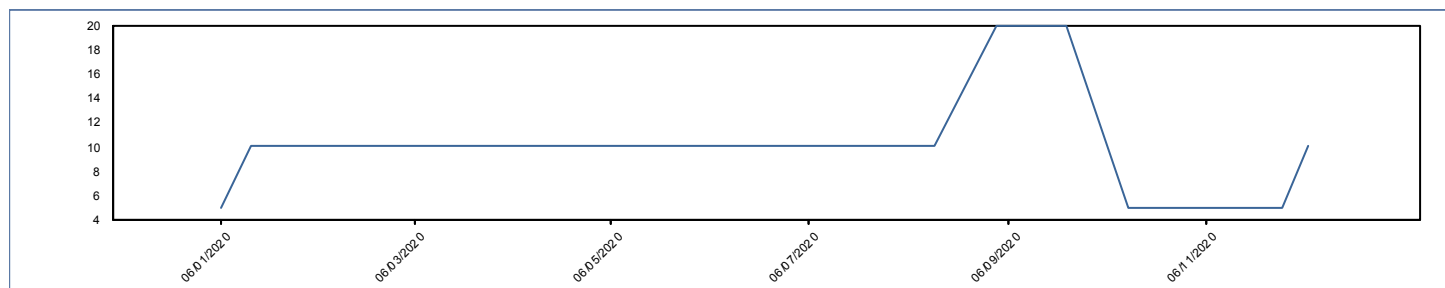
CHI0084

Number of readings

14

Number of breaches

0



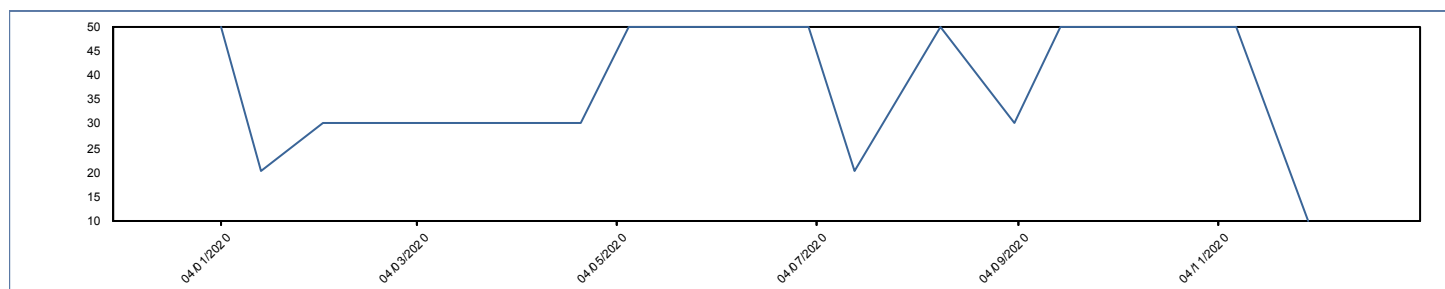
CHI0089

Number of readings

16

Number of breaches

0



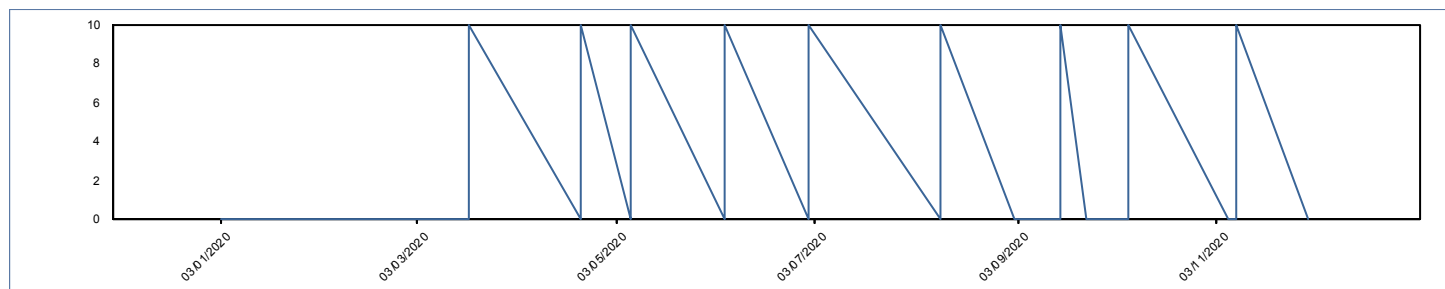
CHI0094

Number of readings

33

Number of breaches

0



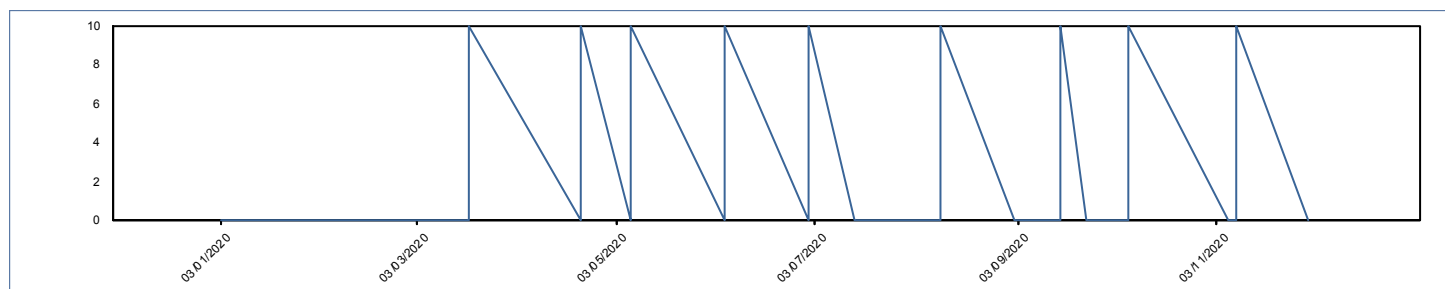
CHI0097

Number of readings

34

Number of breaches

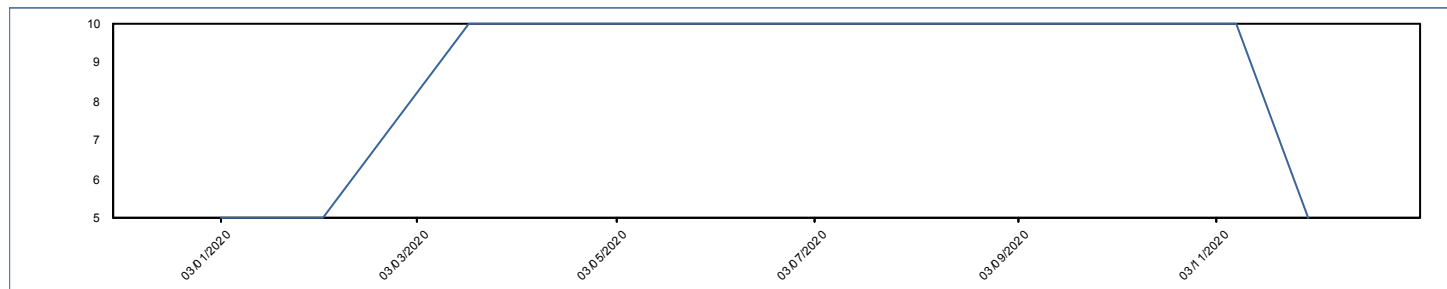
0



CHIW0098

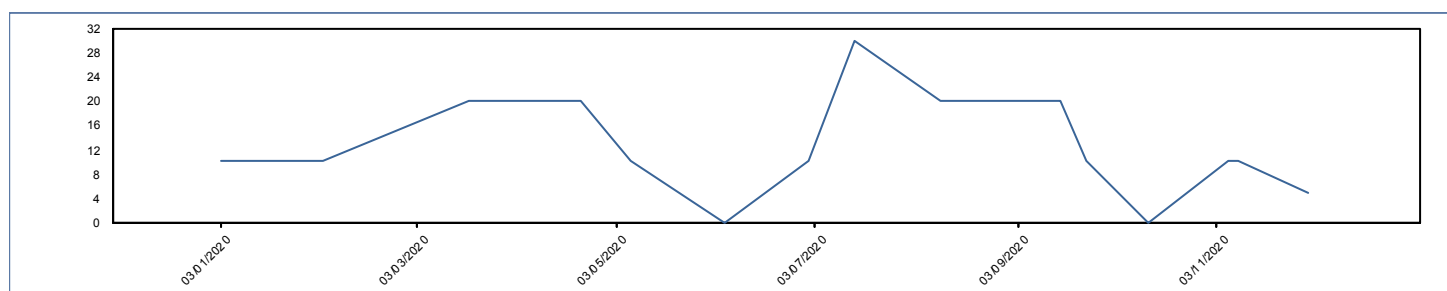
16

0



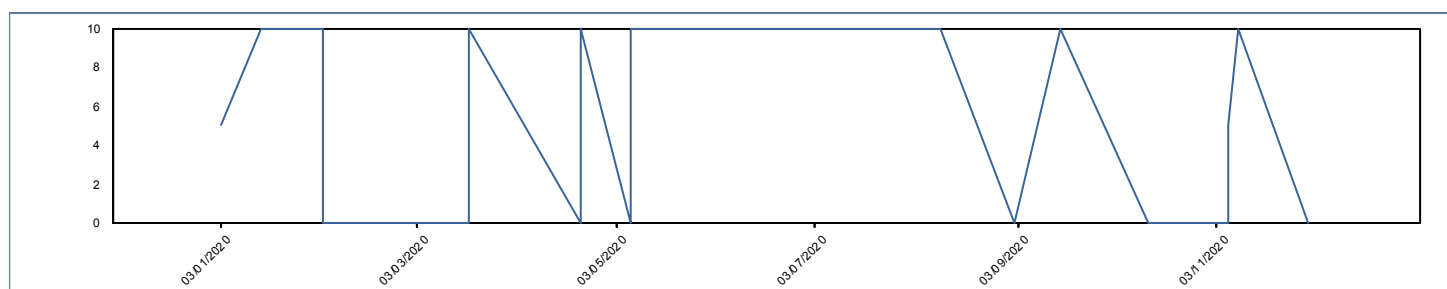
16

0



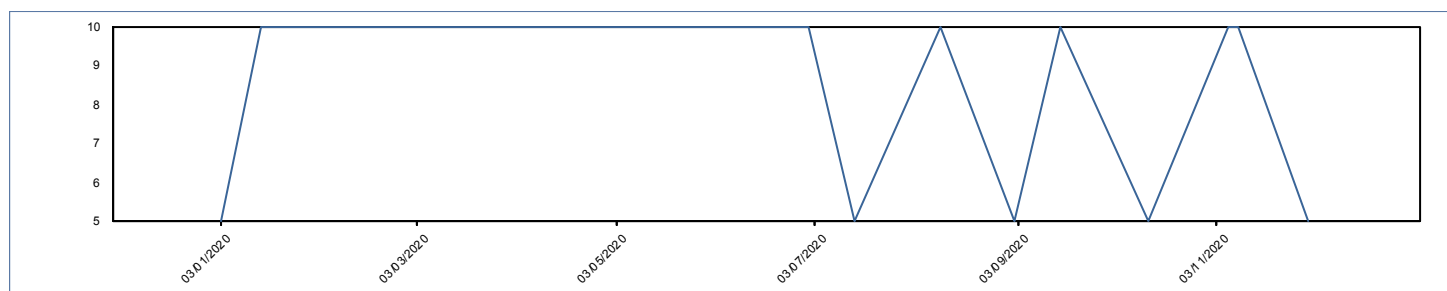
22

0



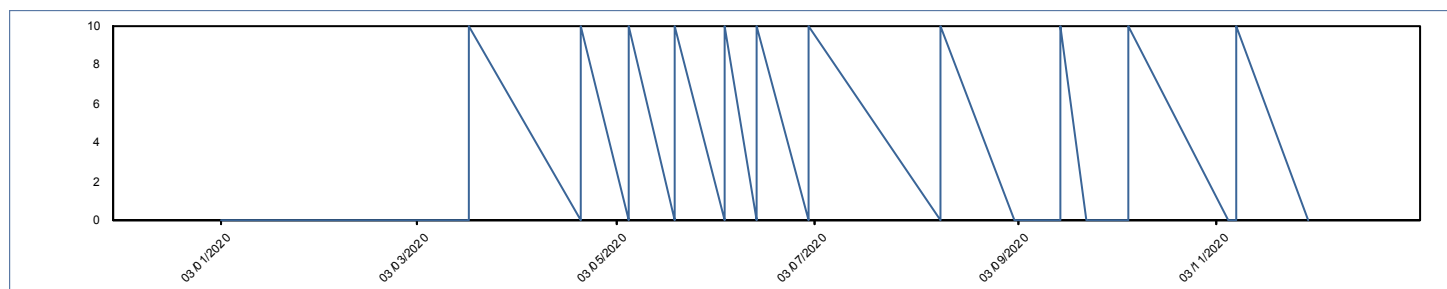
16

0



39

0



Data from: 1 Jan 2020 to: 31 Dec 2020

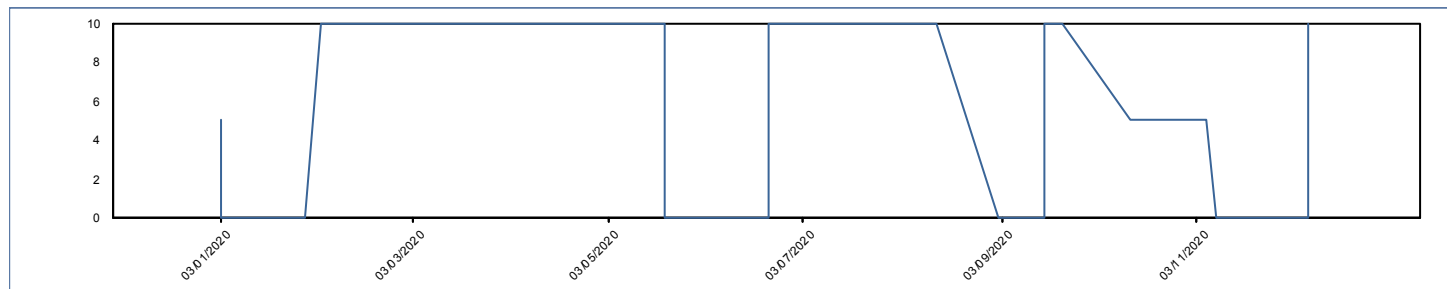
CHIWO103

Number of readings

24

Number of breaches

0



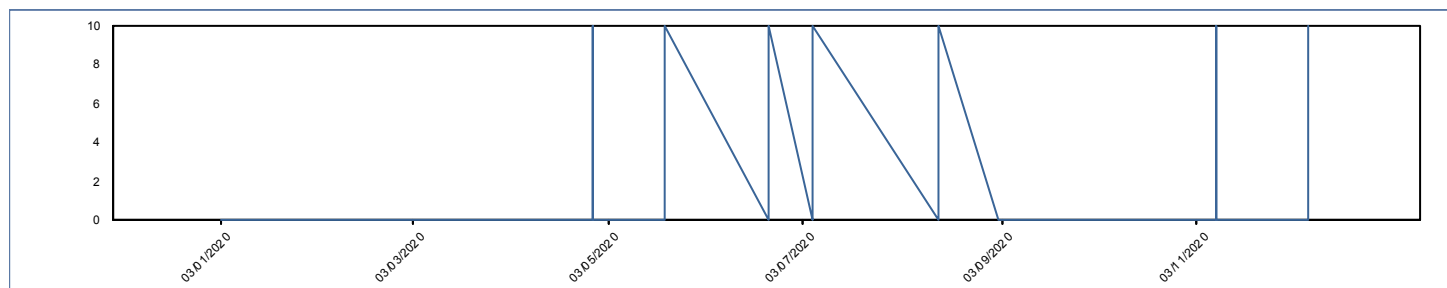
CHIWO104

Number of readings

30

Number of breaches

0



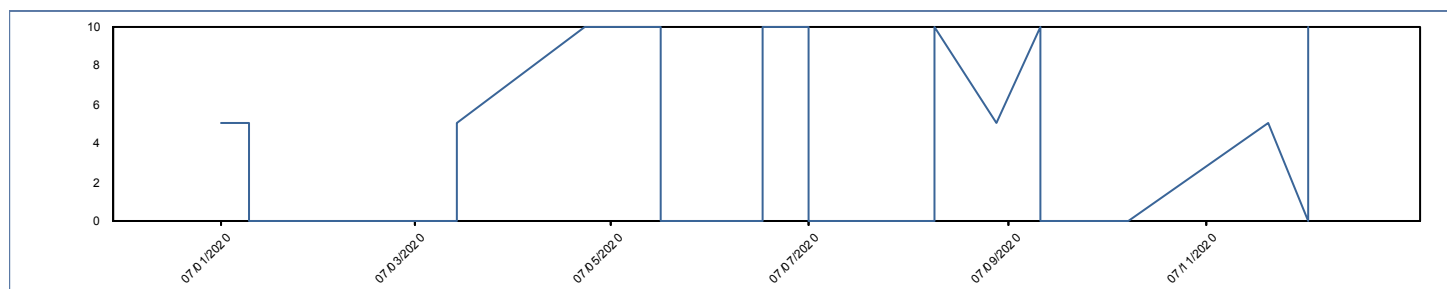
CHIWO105

Number of readings

24

Number of breaches

0



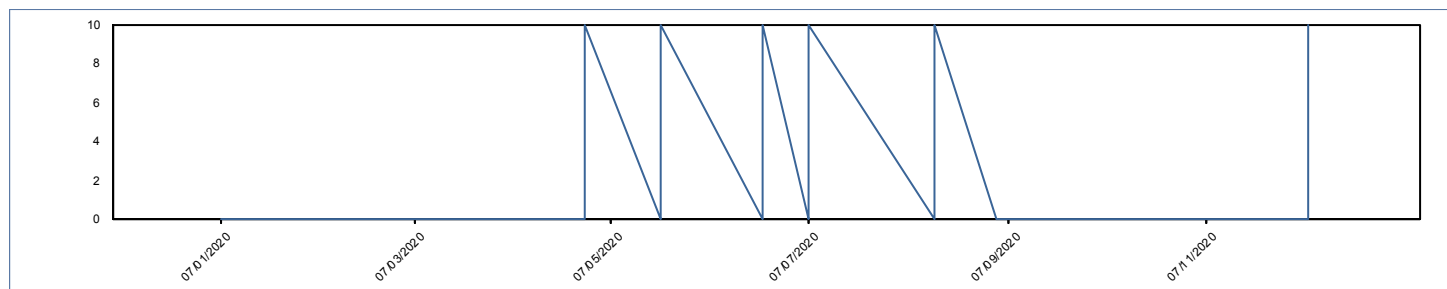
CHIWO106

Number of readings

26

Number of breaches

0



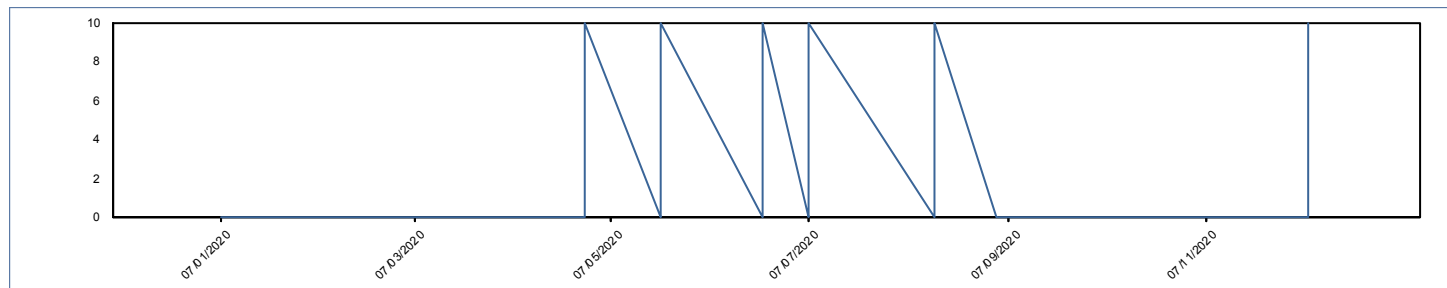
CHIWO107

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

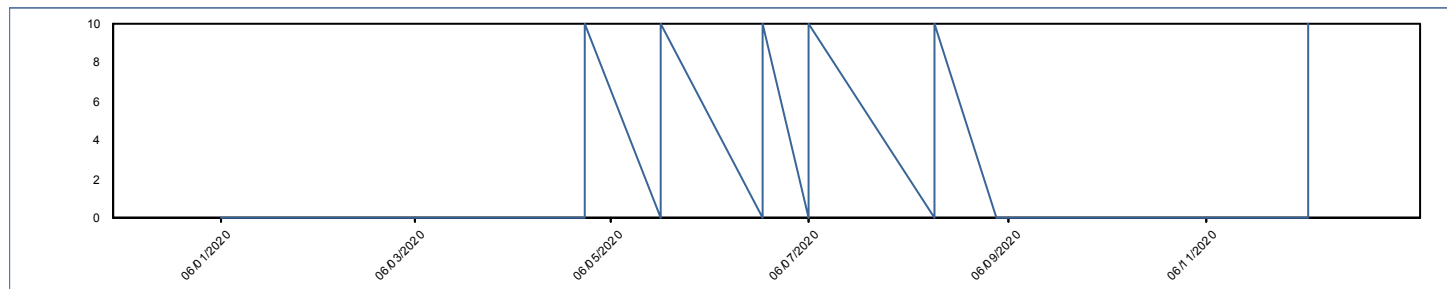
CHIWO108

Number of readings

25

Number of breaches

0



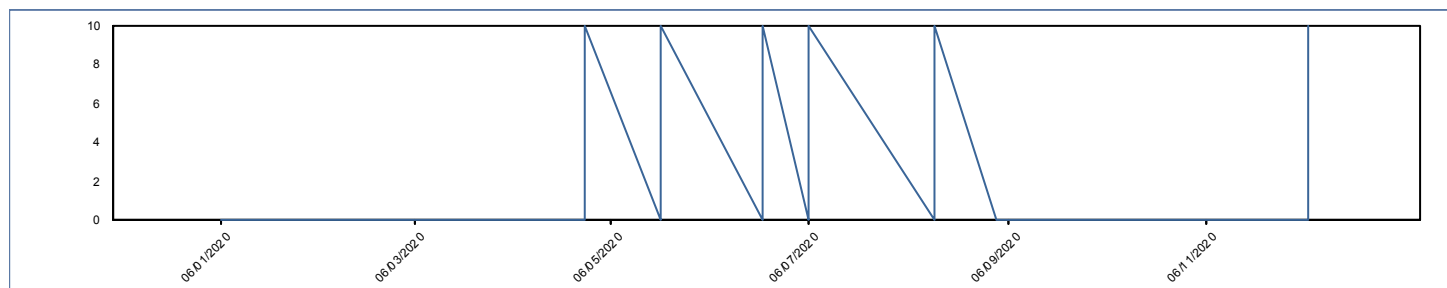
CHIWO109

Number of readings

25

Number of breaches

0



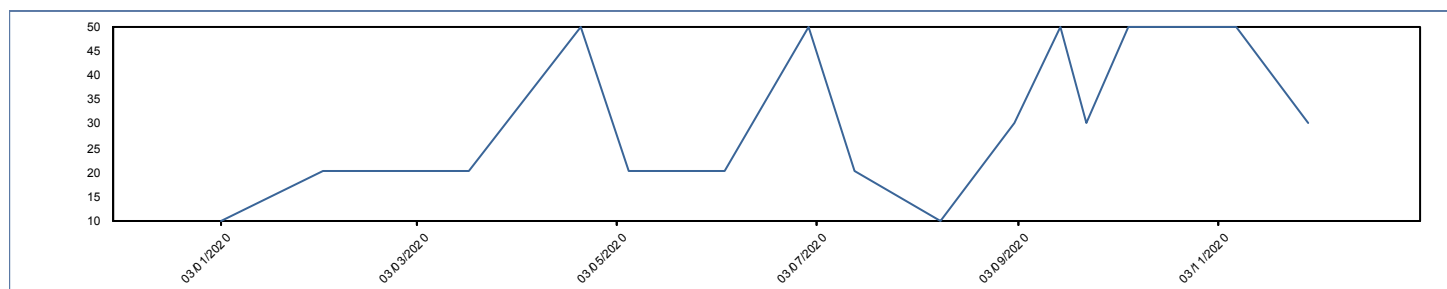
CHIWO110

Number of readings

15

Number of breaches

0



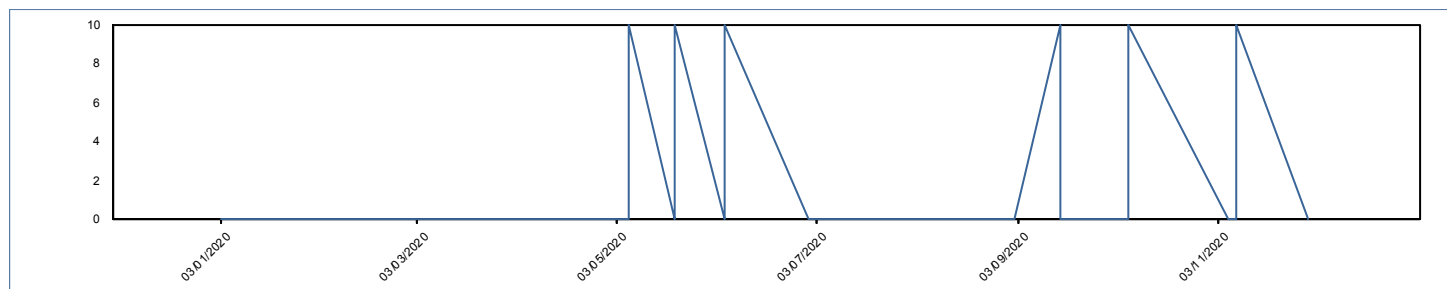
CHIWO111

Number of readings

28

Number of breaches

0



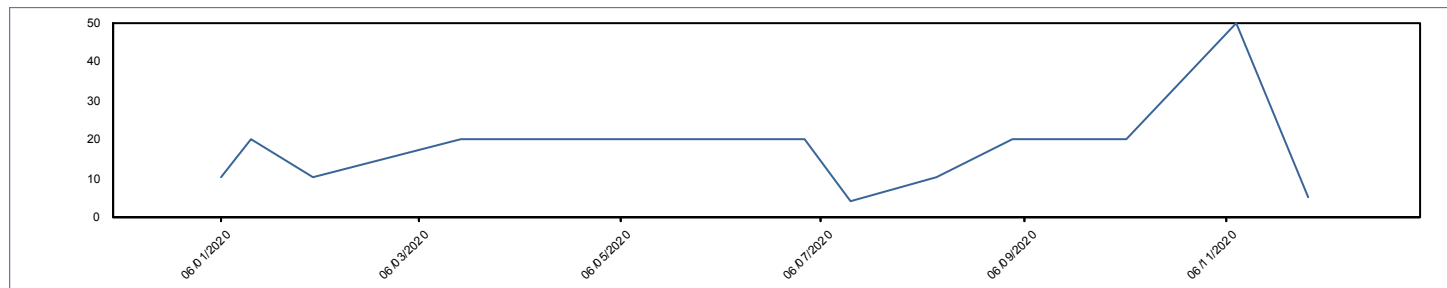
CHIWO112

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

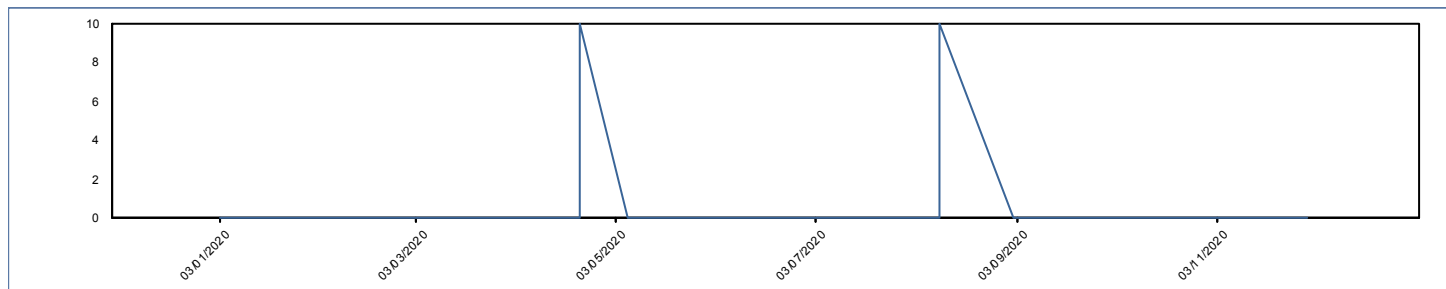
CHIWO113

Number of readings

20

Number of breaches

0



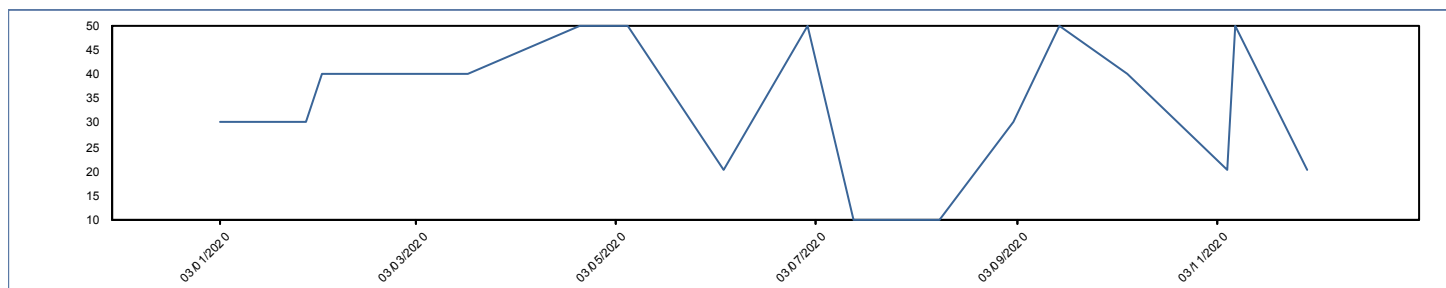
CHIWO115

Number of readings

16

Number of breaches

0



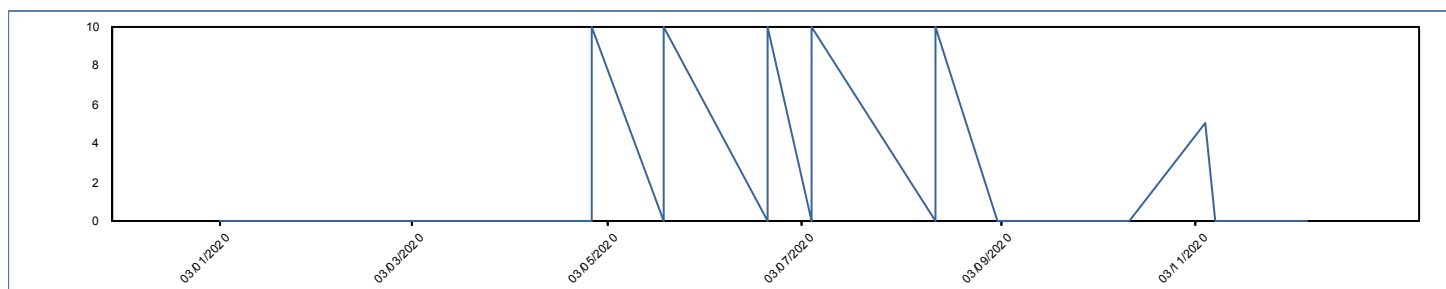
CHIWO116

Number of readings

25

Number of breaches

0



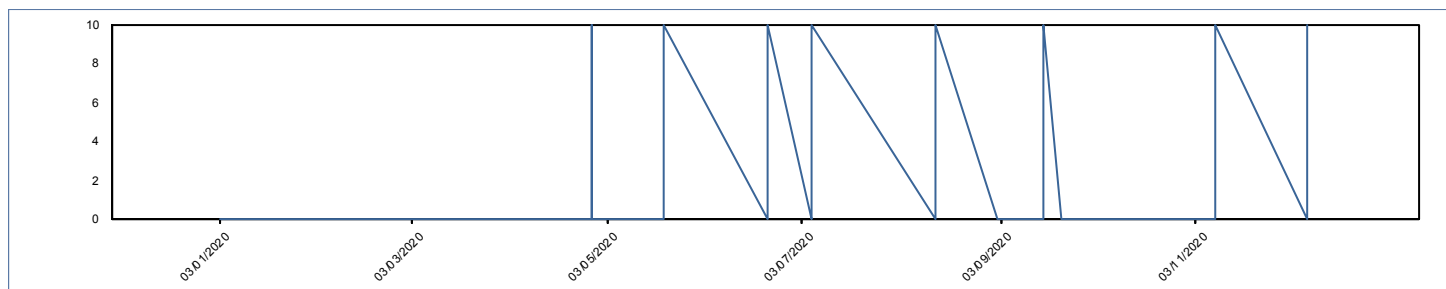
CHIWO117

Number of readings

32

Number of breaches

0



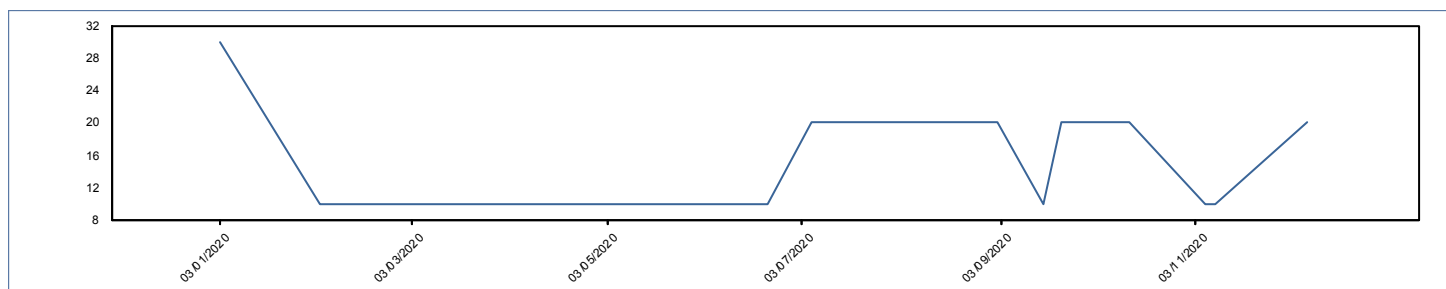
CHIWO118

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

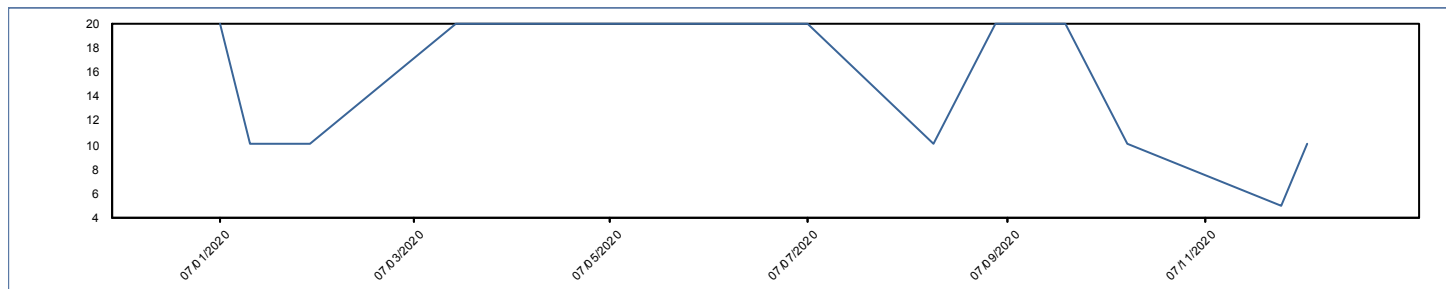
CHI0120

Number of readings

14

Number of breaches

0



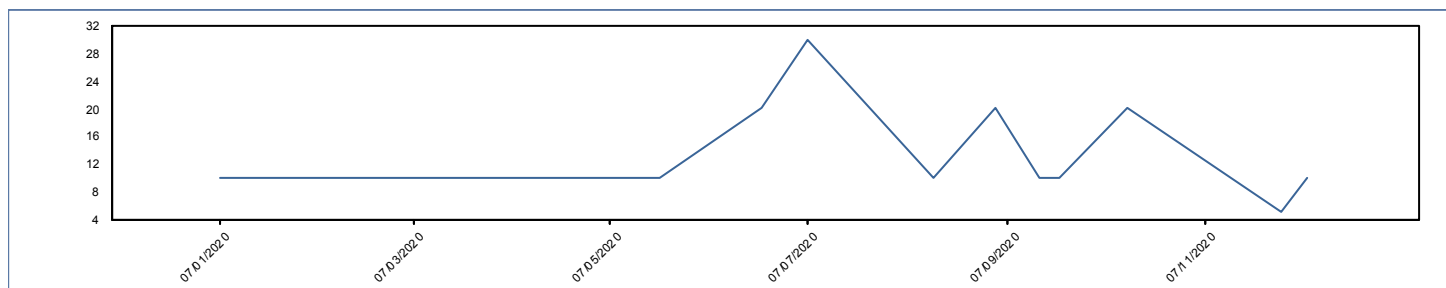
CHI0121

Number of readings

15

Number of breaches

0



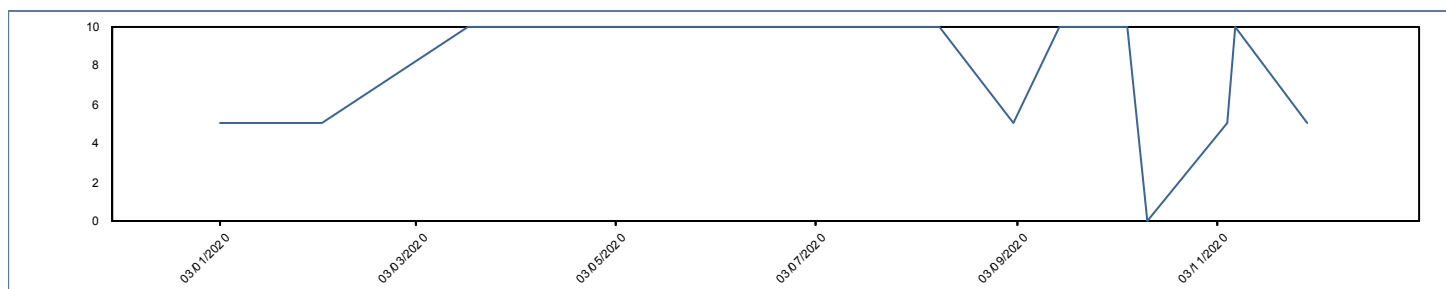
CHI0123

Number of readings

18

Number of breaches

0



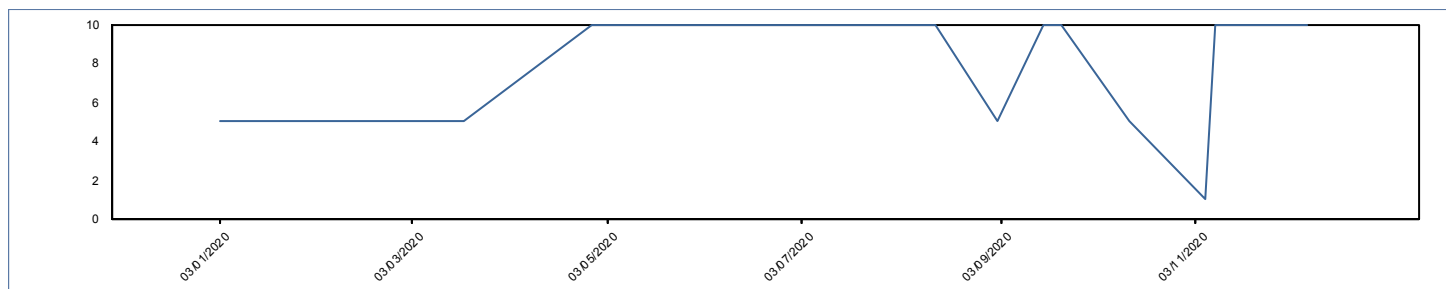
CHI0124

Number of readings

17

Number of breaches

0



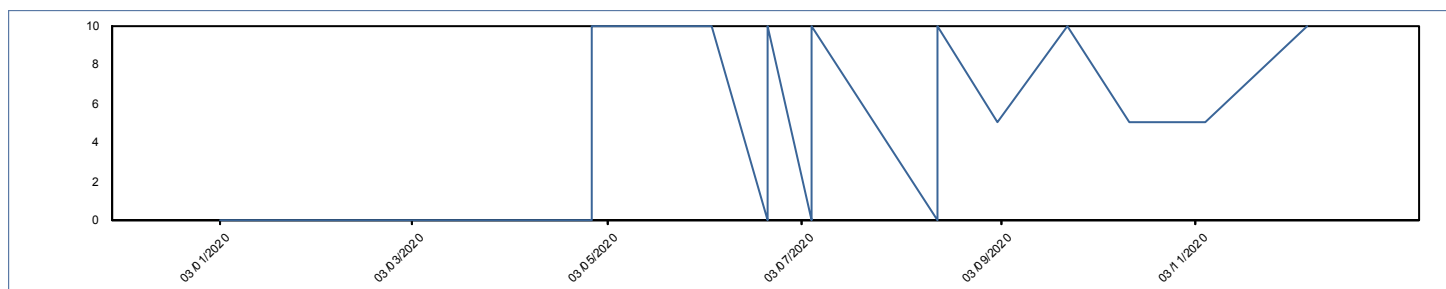
CHI0125

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

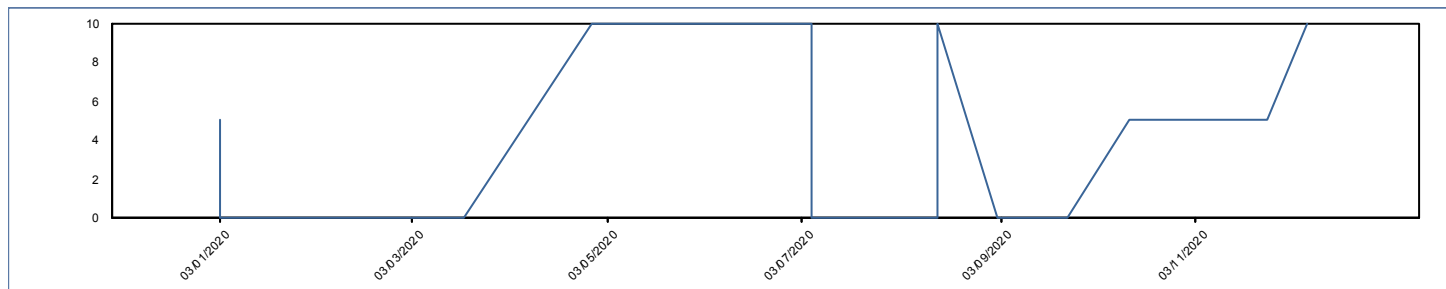
CHIWO126

Number of readings

17

Number of breaches

0



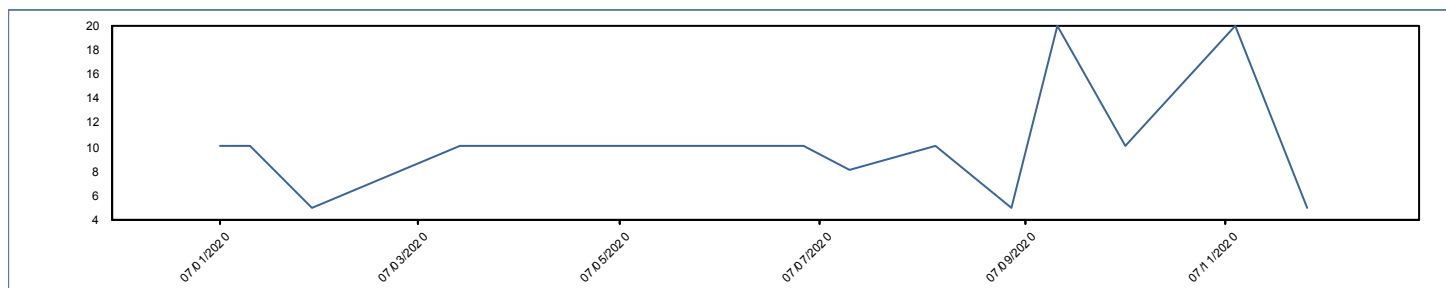
CHIWO127

Number of readings

15

Number of breaches

0



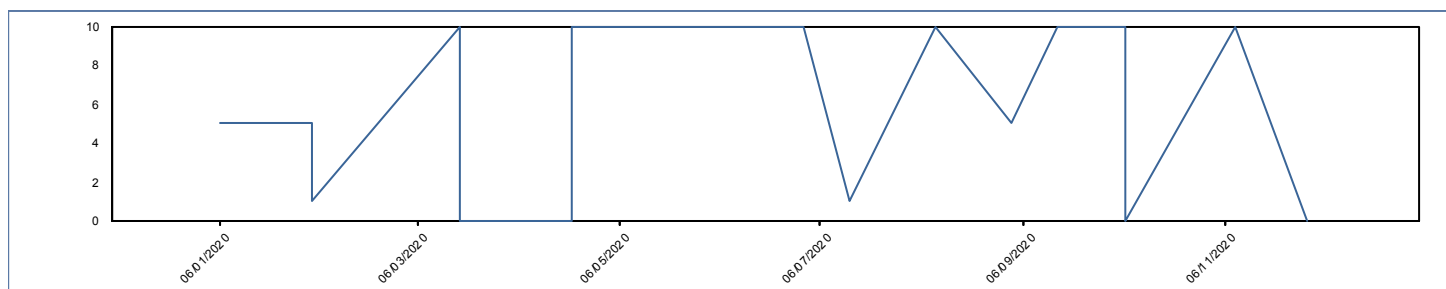
CHIWO128

Number of readings

19

Number of breaches

0



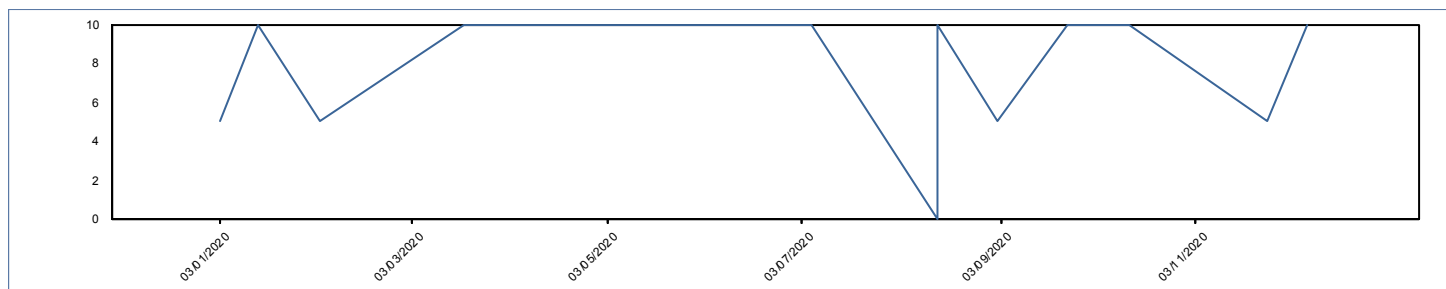
CHIWO1601

Number of readings

15

Number of breaches

0



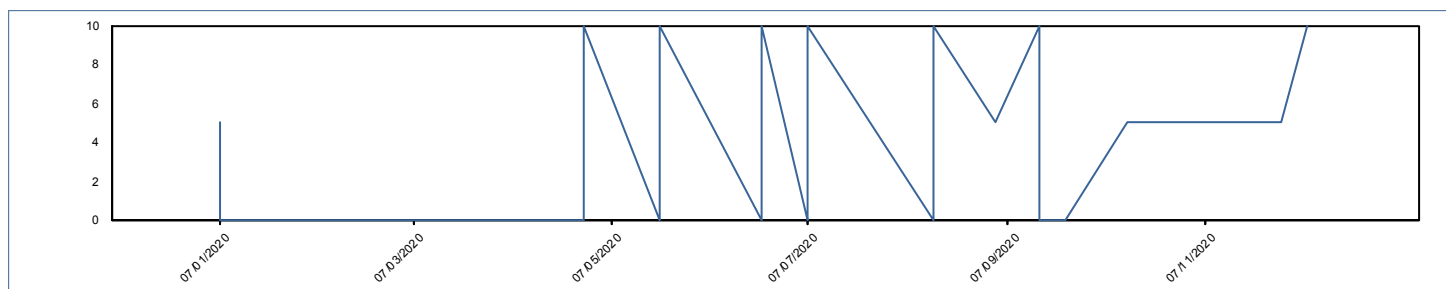
CHIWO1602

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

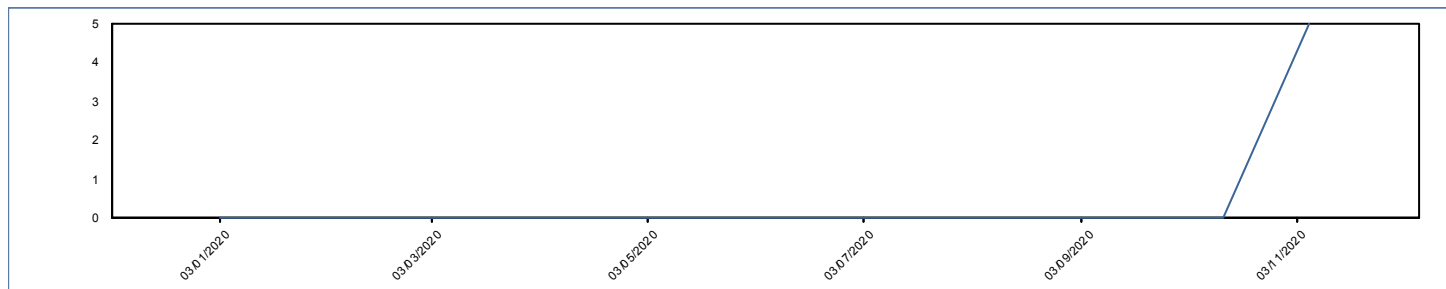
CHI1603

Number of readings

7

Number of breaches

0



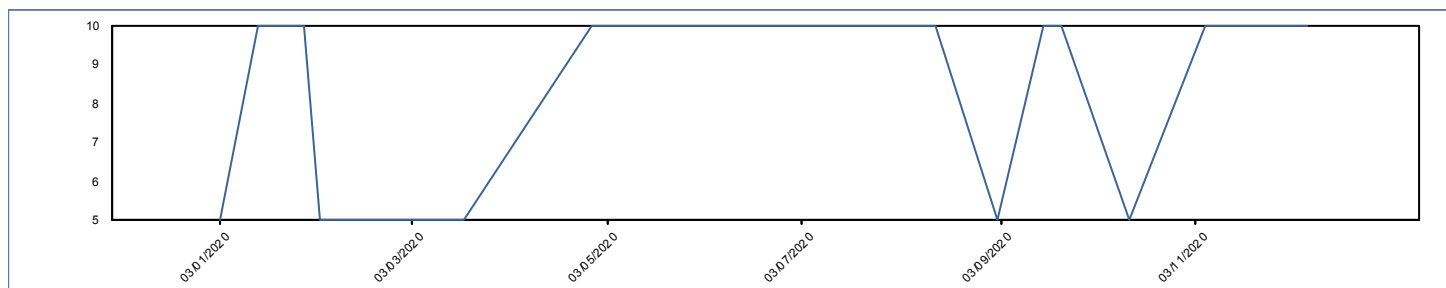
CHI1604

Number of readings

17

Number of breaches

0



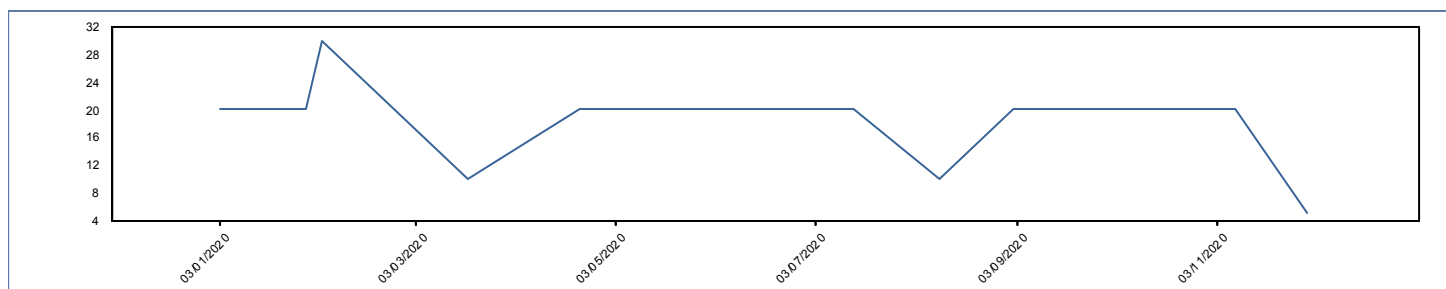
CHI1605

Number of readings

16

Number of breaches

0



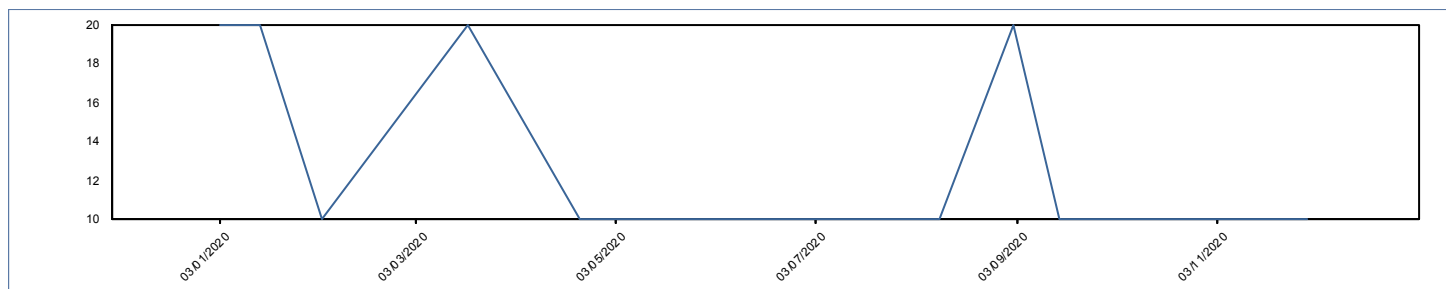
CHI1606

Number of readings

16

Number of breaches

0



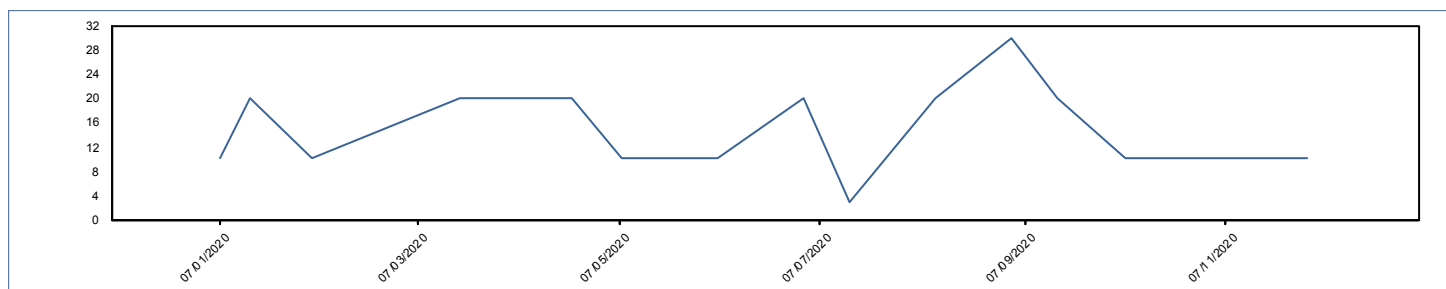
CHI1608

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

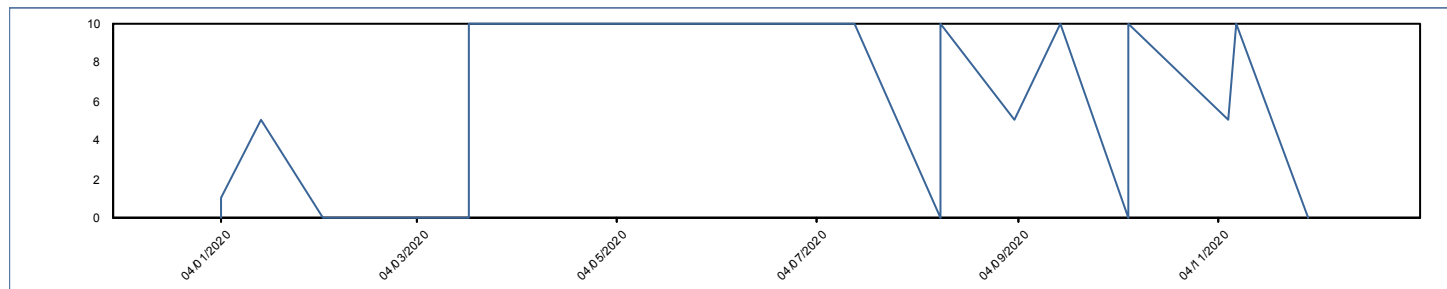
CHI1609

Number of readings

20

Number of breaches

0



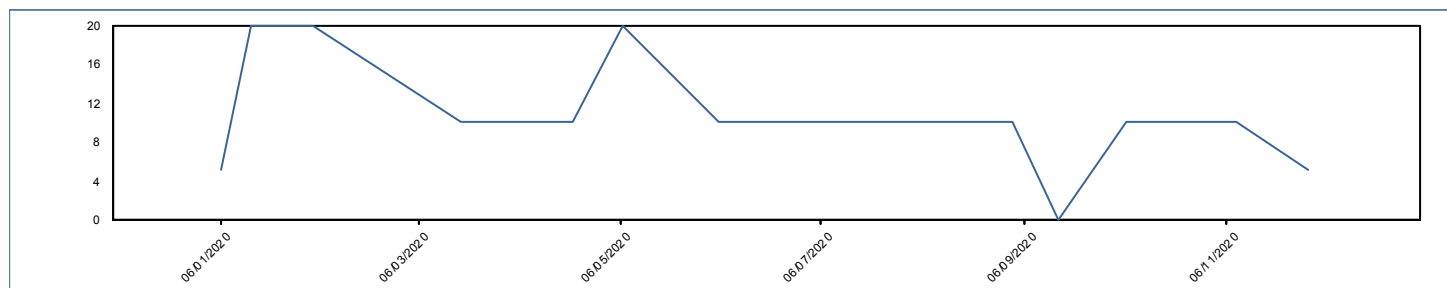
CHI1610

Number of readings

15

Number of breaches

0



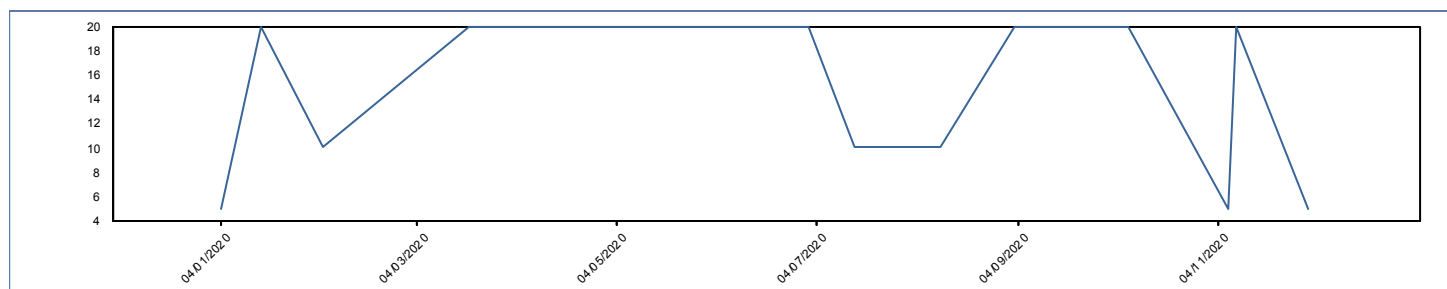
CHI1611

Number of readings

16

Number of breaches

0



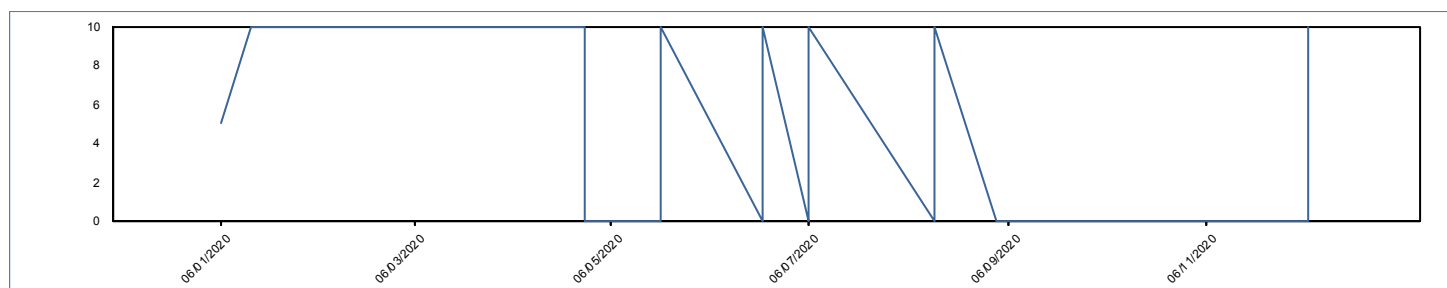
CHI1612

Number of readings

24

Number of breaches

0



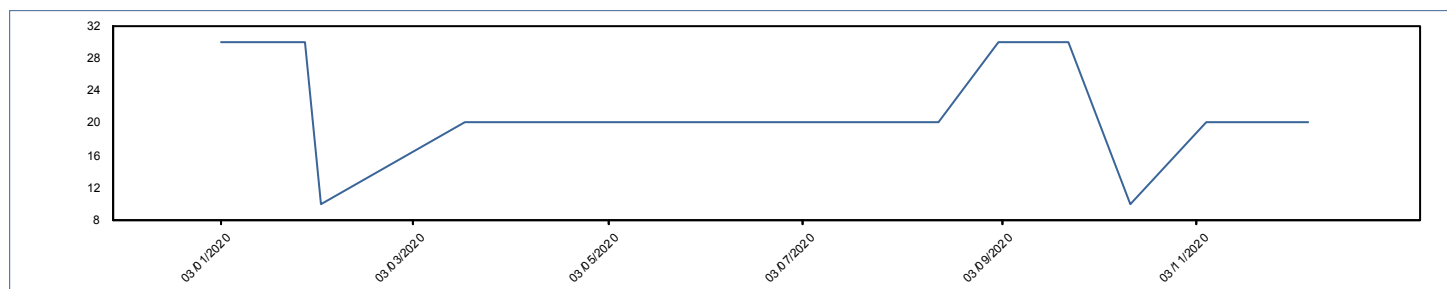
GW44

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

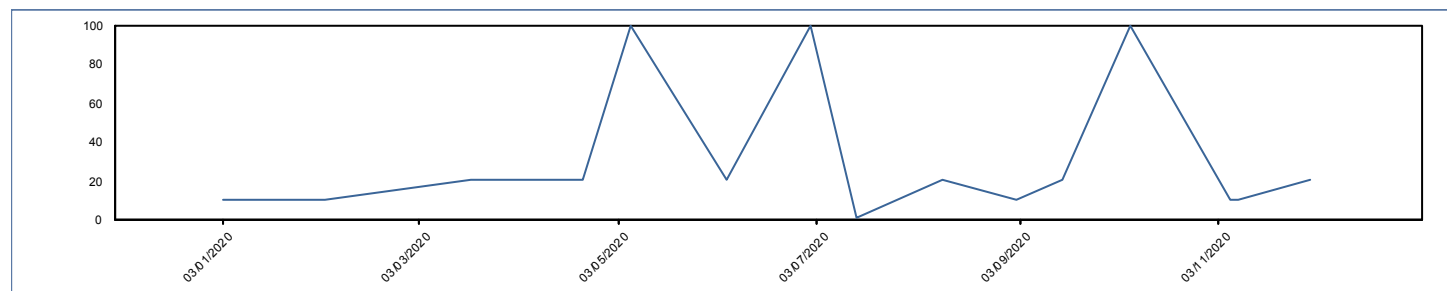
GW48

Number of readings

16

Number of breaches

0



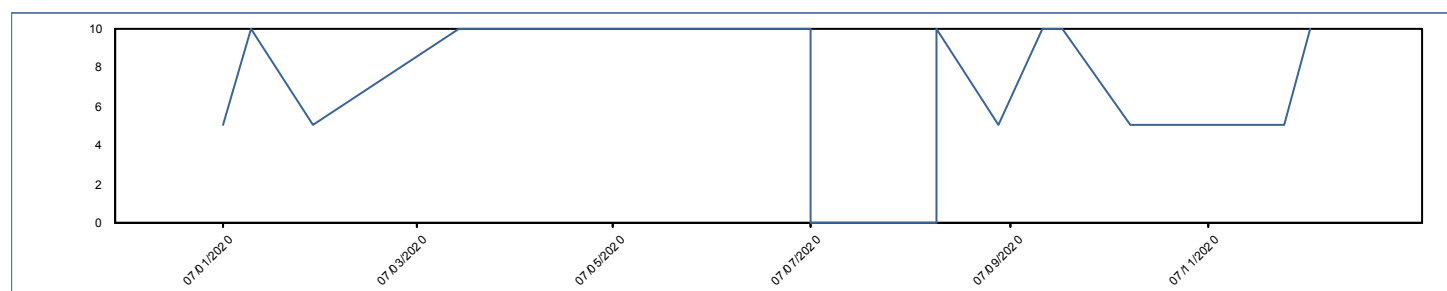
GW56

Number of readings

17

Number of breaches

0



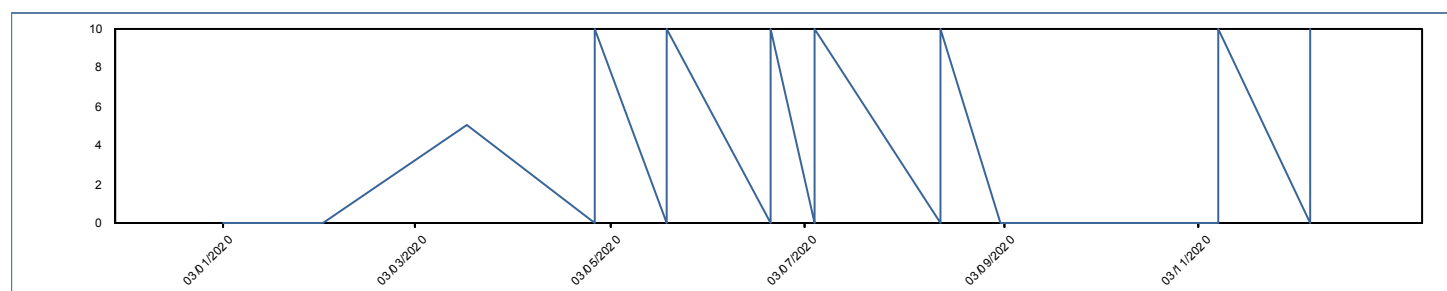
GW57

Number of readings

30

Number of breaches

0



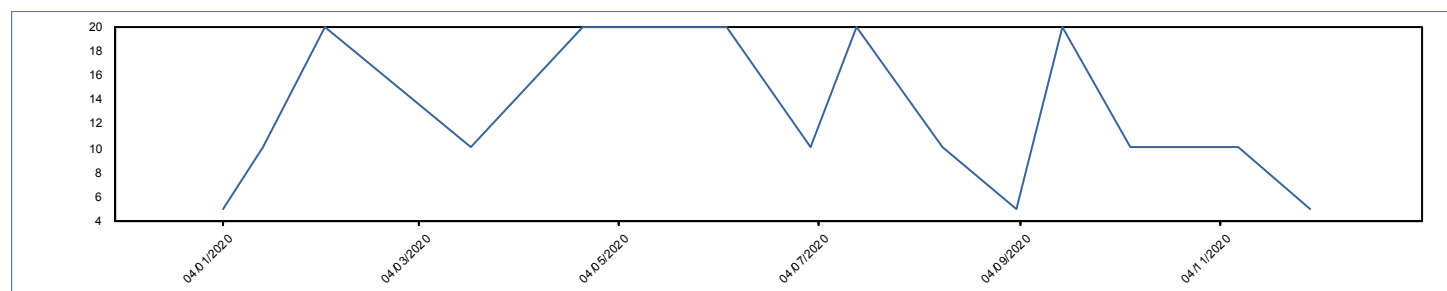
GW88

Number of readings

16

Number of breaches

0



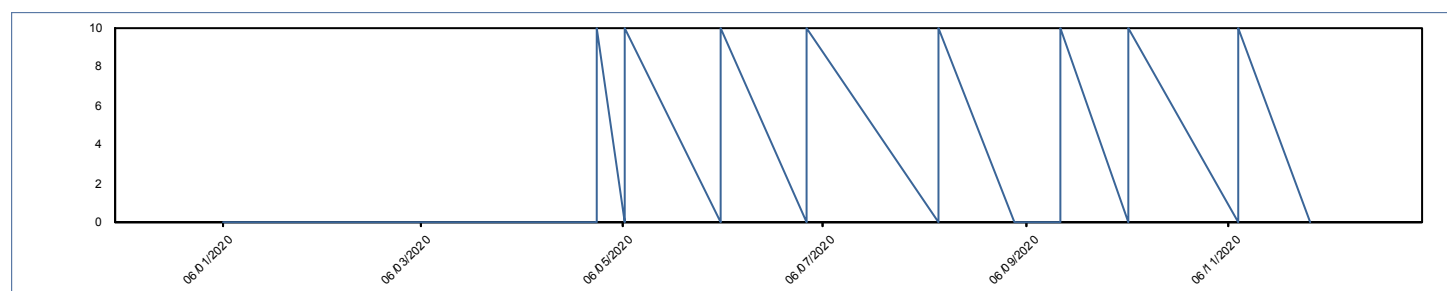
LC005A

Number of readings

29

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

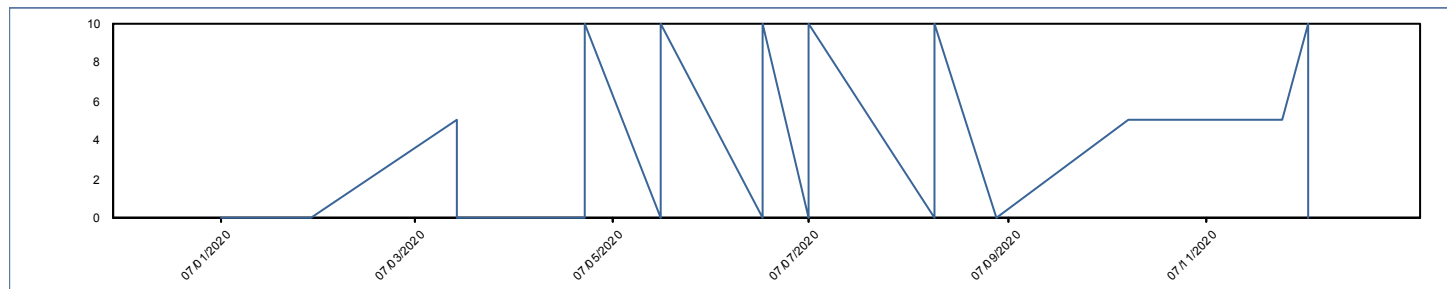
LC01B

Number of readings

24

Number of breaches

0



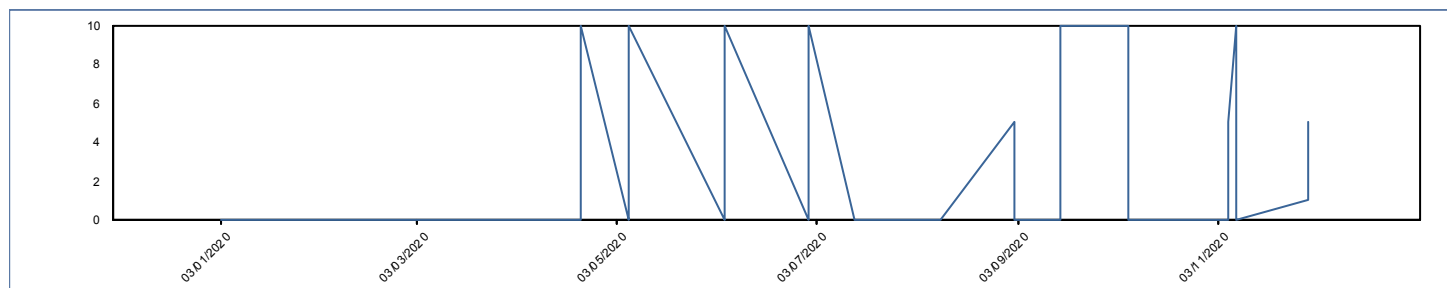
LM04B

Number of readings

28

Number of breaches

0



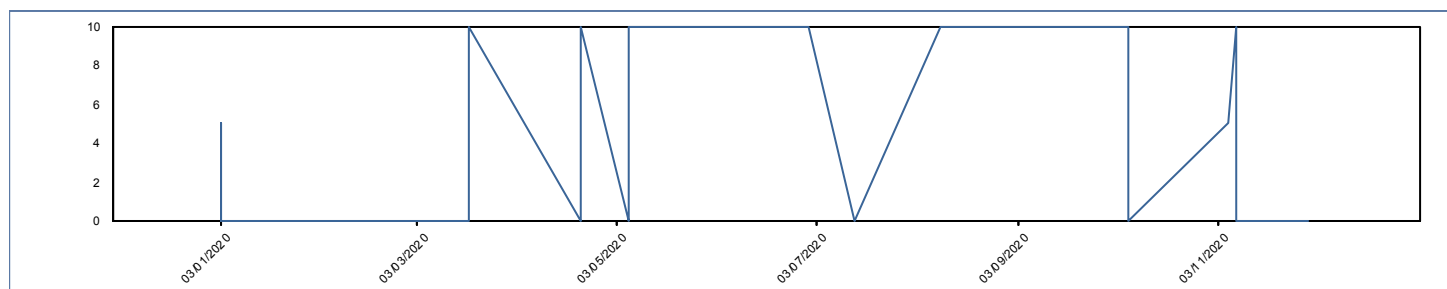
LM07B

Number of readings

25

Number of breaches

0



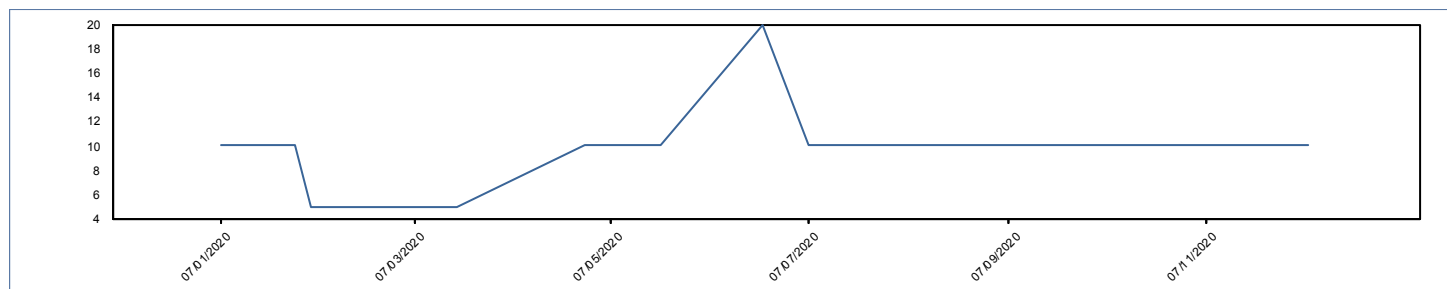
PBLFGXGW01

Number of readings

15

Number of breaches

0



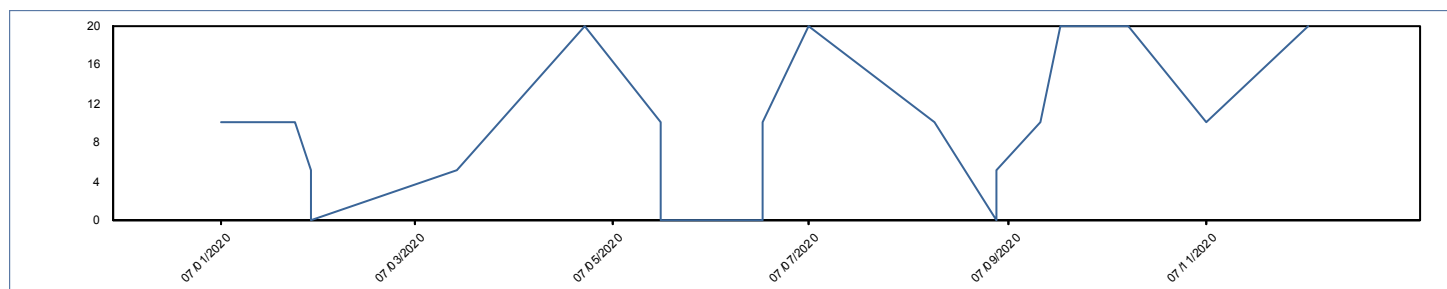
PBLFGXGW03

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

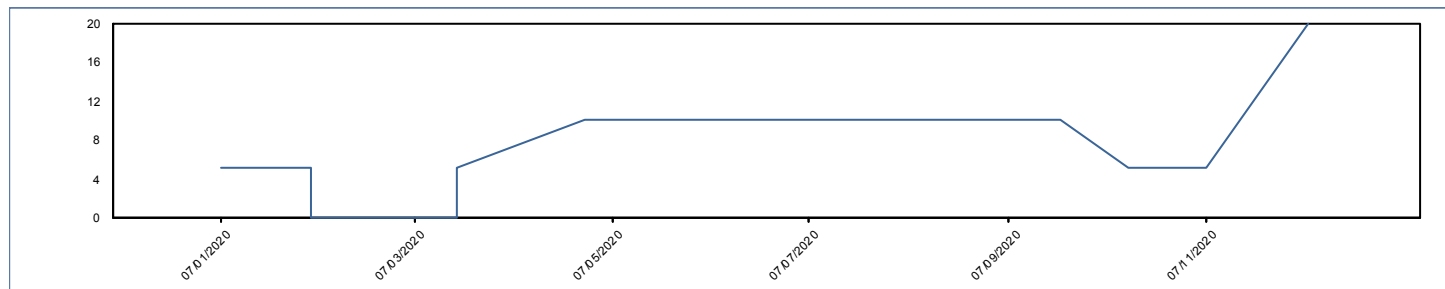
PBLFGXGW07

Number of readings

17

Number of breaches

0



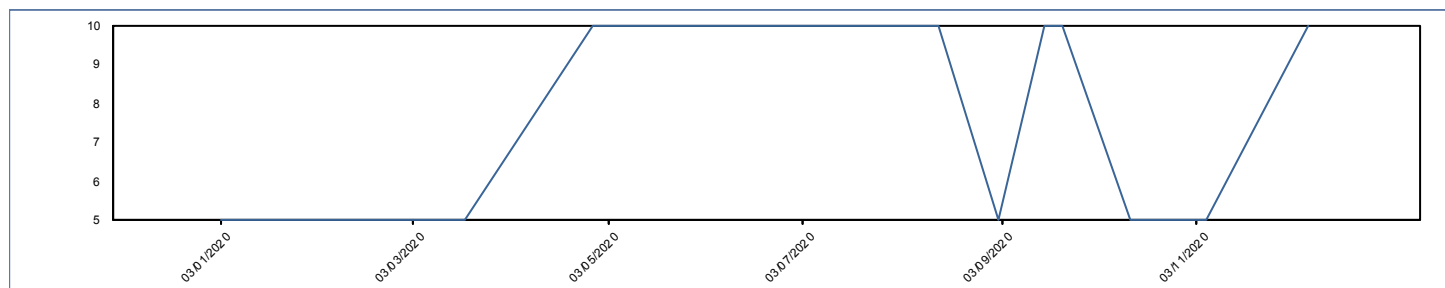
PBLFGXGW18

Number of readings

15

Number of breaches

0



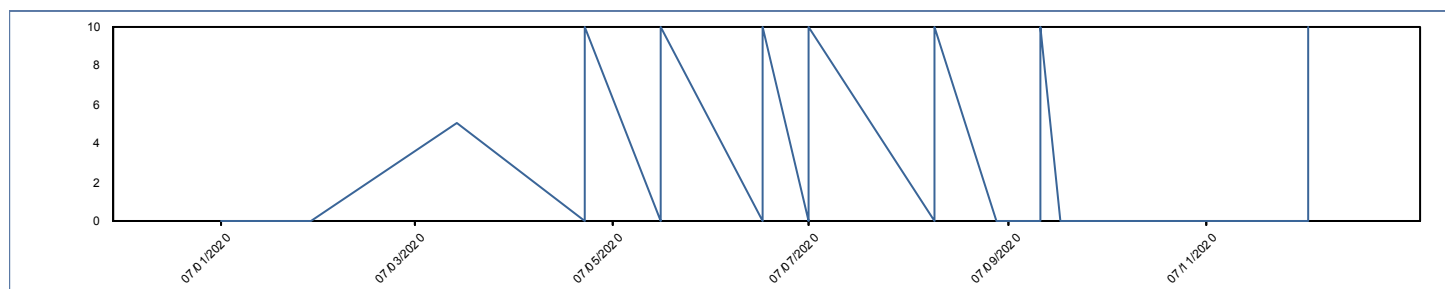
PBLFGXGW28

Number of readings

29

Number of breaches

0



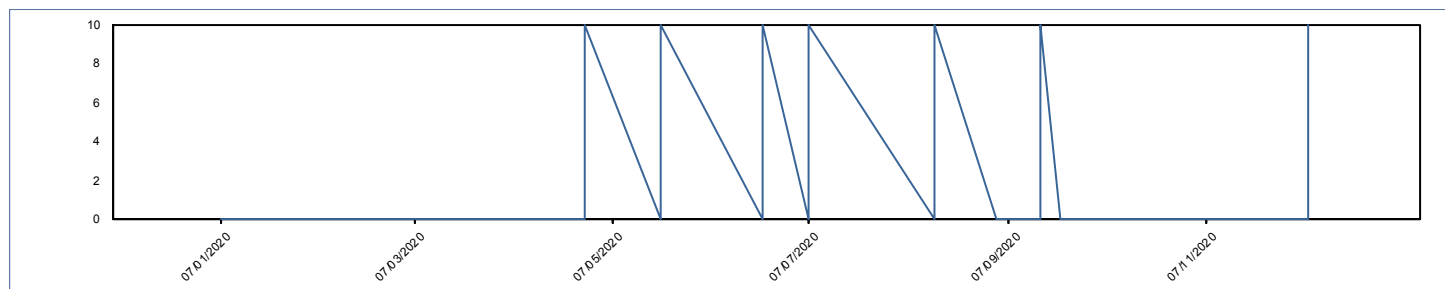
PBLFGXGW29

Number of readings

28

Number of breaches

0



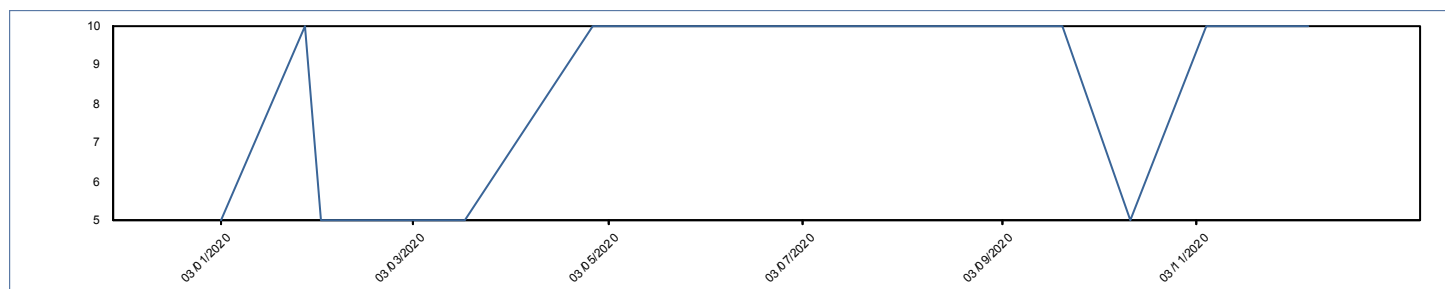
PBLFGXGW30

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHILMP01	CHILRS1	CHILRS2	CHILW06R	CHILW4AR	CHILW5BR	CHIP0111	CHIR0010	CHIR0037	CHIR0041	CHIR0043	CHIR0055
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIR0069	CHIR0070	CHIR0072	CHIR0073	CHIR0074	CHIR0079	CHIR0080	CHIR0081	CHIR0091	CHIR0093	CHIR252R	CHISITE1	CHIW0064
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHI0065	CHI0066	CHI0067	CHI0068	CHI0078	CHI0082	CHI0083	CHI0084	CHI0089	CHI0094	CHI0097	CHI0098	CHI0099
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIW0100	CHIW0101	CHIW0102	CHIW0103	CHIW0104	CHIW0105	CHIW0106	CHIW0107	CHIW0108	CHIW0109	CHIW0110	CHIW0111	CHIW0112
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHI0113	CHI0115	CHI0116	CHI0117	CHI0118	CHI0120	CHI0121	CHI0123	CHI0124	CHI0125	CHI0126	CHI0127	CHI0128
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	CHIW1601	CHIW1602	CHIW1603	CHIW1604	CHIW1605	CHIW1606	CHIW1608	CHIW1609	CHIW1610	CHIW1611	CHIW1612	GW44	GW48
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	GW56	GW57	GW88	LC005A	LC01B	LM04B	LM07B	PBLFGXGW01	PBLFGXGW03	PBLFGXGW07	PBLFGXGW18	PBLFGXGW28	PBLFGXGW29
AtPress (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
CH4 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
CO2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engine Output	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow (scmh)	0	0	0	0	0	0	0	0	0	0	0	0	0
H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0
LFG-Bal (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
O2 (%v/v)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rel Press (mBar)	0	0	0	0	0	0	0	0	0	0	0	0	0
Valve Position	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

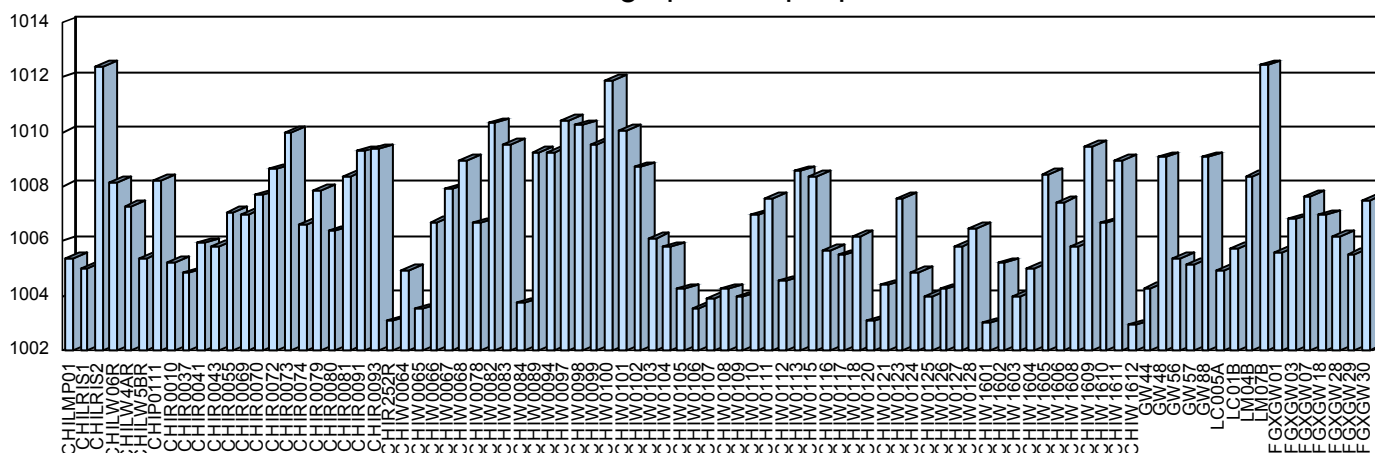
Pen-Y-Bont

Summary of breaches (no.)

	PBLFGXGW30	Total
AtPress (mBar)	0	0
CH4 (%v/v)	0	0
CO (ppm)	0	0
CO2 (%v/v)	0	0
Engine Output	0	0
Flow (scmh)	0	0
H2S (ppm)	0	0
LFG-Bal (%)	0	0
O2 (%v/v)	0	0
Rel Press (mBar)	0	0
Valve Position	0	0
Total	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	979.00	1,020.00	1,005.36	14,075.00	9.74	94.94	1,020.00
CHILRIS1	1	0	1,005.00	1,005.00	1,005.00	1,005.00	0.00	0.00	1,005.00
CHILRIS2	5	0	1,004.00	1,021.00	1,012.40	5,062.00	6.41	41.04	1,021.00
CHILW06R	28	0	990.00	1,022.00	1,008.14	28,228.00	9.39	88.27	1,020.50
CHILW4AR	27	0	989.00	1,021.00	1,007.30	27,197.00	9.57	91.62	1,019.50
CHILW5BR	29	0	989.00	1,021.00	1,005.38	29,156.00	9.75	95.06	1,020.00
CHIP0111	30	0	990.00	1,023.00	1,008.23	30,247.00	8.82	77.71	1,021.50
CHIR0010	30	0	978.00	1,020.00	1,005.23	30,157.00	11.10	123.18	1,019.00
CHIR0037	31	0	978.00	1,018.00	1,004.84	31,150.00	10.82	116.97	1,017.50
CHIR0041	16	0	977.00	1,020.00	1,005.94	16,095.00	10.19	103.81	1,020.00
CHIR0043	15	0	988.00	1,020.00	1,005.80	15,087.00	9.20	84.56	1,020.00
CHIR0055	15	0	989.00	1,022.00	1,007.07	15,106.00	9.02	81.40	1,022.00
CHIR0069	15	0	989.00	1,022.00	1,007.00	15,105.00	9.00	80.93	1,022.00
CHIR0070	15	0	990.00	1,022.00	1,007.67	15,115.00	8.93	79.82	1,022.00
CHIR0072	16	0	990.00	1,022.00	1,008.63	16,138.00	8.74	76.36	1,022.00
CHIR0073	18	0	991.00	1,022.00	1,010.00	18,180.00	8.75	76.56	1,022.00
CHIR0074	15	0	989.00	1,022.00	1,006.60	15,099.00	8.75	76.64	1,022.00
CHIR0079	15	0	990.00	1,023.00	1,007.87	15,118.00	8.98	80.65	1,023.00
CHIR0080	23	0	990.00	1,021.00	1,006.35	23,146.00	9.03	81.62	1,020.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0081	35	0	991.00	1,021.00	1,008.37	35,293.00	8.24	67.89	1,020.50
CHIR0091	17	0	990.00	1,023.00	1,009.29	17,158.00	8.89	79.03	1,023.00
CHIR0093	17	0	990.00	1,022.00	1,009.35	17,159.00	8.54	72.93	1,022.00
CHIR252R	14	0	978.00	1,018.00	1,003.07	14,043.00	11.68	136.35	1,018.00
CHIW0064	15	0	978.00	1,018.00	1,004.93	15,074.00	10.45	109.13	1,018.00
CHIW0065	14	0	978.00	1,019.00	1,003.50	14,049.00	11.73	137.68	1,019.00
CHIW0066	16	0	978.00	1,020.00	1,006.69	16,107.00	10.29	105.84	1,020.00
CHIW0067	37	0	990.00	1,022.00	1,007.89	37,292.00	8.54	72.91	1,021.00
CHIW0068	16	0	989.00	1,022.00	1,008.94	16,143.00	8.90	79.18	1,022.00
CHIW0078	20	0	990.00	1,023.00	1,006.65	20,133.00	9.23	85.13	1,021.50
CHIW0082	19	0	991.00	1,023.00	1,010.32	19,196.00	8.04	64.64	1,023.00
CHIW0083	16	0	991.00	1,021.00	1,009.56	16,153.00	8.84	78.12	1,021.00
CHIW0084	14	0	979.00	1,020.00	1,003.71	14,052.00	11.71	137.06	1,020.00
CHIW0089	16	0	990.00	1,022.00	1,009.25	16,148.00	9.13	83.31	1,022.00
CHIW0094	34	0	984.00	1,023.00	1,009.26	34,315.00	9.96	99.25	1,022.00
CHIW0097	34	0	985.00	1,024.00	1,010.44	34,355.00	10.07	101.31	1,023.00
CHIW0098	16	0	991.00	1,023.00	1,010.25	16,164.00	9.00	80.94	1,023.00
CHIW0099	16	0	984.00	1,023.00	1,009.56	16,153.00	10.58	111.87	1,023.00
CHIW0100	22	0	991.00	1,023.00	1,011.86	22,261.00	8.63	74.48	1,022.00
CHIW0101	16	0	991.00	1,023.00	1,010.06	16,161.00	8.81	77.68	1,023.00
CHIW0102	39	0	983.00	1,020.00	1,008.69	39,339.00	9.44	89.03	1,020.00
CHIW0103	24	0	979.00	1,020.00	1,006.13	24,147.00	12.08	145.94	1,019.50
CHIW0104	30	0	978.00	1,020.00	1,005.77	30,173.00	10.94	119.58	1,019.50
CHIW0105	24	0	978.00	1,020.00	1,004.25	24,102.00	12.50	156.27	1,020.00
CHIW0106	26	0	979.00	1,019.00	1,003.54	26,092.00	11.56	133.71	1,017.50
CHIW0107	25	0	979.00	1,019.00	1,003.92	25,098.00	11.85	140.47	1,017.50
CHIW0108	25	0	979.00	1,019.00	1,004.24	25,106.00	11.97	143.38	1,017.50
CHIW0109	25	0	978.00	1,020.00	1,003.96	25,099.00	12.17	148.04	1,017.50
CHIW0110	15	0	982.00	1,020.00	1,006.93	15,104.00	10.60	112.33	1,020.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0111	28	0	989.00	1,021.00	1,007.57	28,212.00	9.03	81.60	1,020.50
CHIW0112	15	0	982.00	1,021.00	1,004.53	15,068.00	10.65	113.45	1,021.00
CHIW0113	20	0	988.00	1,021.00	1,008.55	20,171.00	8.52	72.65	1,020.00
CHIW0115	16	0	988.00	1,021.00	1,008.38	16,134.00	9.05	81.86	1,021.00
CHIW0116	26	0	976.00	1,019.00	1,005.65	26,147.00	9.08	82.46	1,018.50
CHIW0117	32	0	977.00	1,020.00	1,005.47	32,175.00	11.27	127.00	1,019.00
CHIW0118	16	0	977.00	1,018.00	1,006.19	16,099.00	10.13	102.53	1,018.00
CHIW0120	14	0	978.00	1,019.00	1,003.07	14,043.00	11.72	137.35	1,019.00
CHIW0121	15	0	977.00	1,018.00	1,004.40	15,066.00	10.54	111.17	1,018.00
CHIW0123	18	0	991.00	1,020.00	1,007.56	18,136.00	8.27	68.36	1,020.00
CHIW0124	17	0	977.00	1,019.00	1,004.88	17,083.00	10.53	110.81	1,019.00
CHIW0125	20	0	978.00	1,019.00	1,004.00	20,080.00	11.45	131.00	1,018.00
CHIW0126	17	0	978.00	1,018.00	1,004.24	17,072.00	10.93	119.36	1,018.00
CHIW0127	15	0	988.00	1,021.00	1,005.80	15,087.00	9.19	84.43	1,021.00
CHIW0128	19	0	988.00	1,020.00	1,006.47	19,123.00	8.73	76.14	1,020.00
CHIW1601	15	0	977.00	1,018.00	1,003.00	15,045.00	11.31	127.87	1,018.00
CHIW1602	25	0	977.00	1,021.00	1,005.20	25,130.00	10.55	111.28	1,019.00
CHIW1603	8	0	982.00	1,019.00	1,004.00	8,032.00	11.72	137.25	1,019.00
CHIW1604	17	0	977.00	1,020.00	1,005.00	17,085.00	10.53	110.82	1,020.00
CHIW1605	16	0	989.00	1,021.00	1,008.44	16,135.00	9.01	81.25	1,021.00
CHIW1606	16	0	989.00	1,020.00	1,007.44	16,119.00	9.47	89.75	1,020.00
CHIW1608	15	0	988.00	1,020.00	1,005.80	15,087.00	9.31	86.69	1,020.00
CHIW1609	20	0	990.00	1,022.00	1,009.45	20,189.00	8.66	75.05	1,021.00
CHIW1610	15	0	989.00	1,021.00	1,006.67	15,100.00	8.78	77.02	1,021.00
CHIW1611	16	0	990.00	1,022.00	1,008.94	16,143.00	8.95	80.06	1,022.00
CHIW1612	24	0	978.00	1,019.00	1,002.92	24,070.00	12.45	155.08	1,017.00
GW44	14	0	978.00	1,019.00	1,004.29	14,060.00	11.98	143.63	1,019.00
GW48	16	0	989.00	1,022.00	1,009.06	16,145.00	8.97	80.43	1,022.00
GW56	17	0	978.00	1,019.00	1,005.35	17,091.00	9.91	98.23	1,019.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
GW57	30	0	978.00	1,019.00	1,005.17	30,155.00	10.71	114.81	1,019.00
GW88	16	0	990.00	1,021.00	1,009.06	16,145.00	9.02	81.31	1,021.00
LC005A	29	0	989.00	1,020.00	1,004.93	29,143.00	9.14	83.51	1,020.00
LC01B	24	0	977.00	1,019.00	1,005.75	24,138.00	10.71	114.69	1,018.00
LM04B	28	0	989.00	1,021.00	1,008.36	28,234.00	9.77	95.37	1,021.00
LM07B	25	0	991.00	1,023.00	1,012.44	25,311.00	7.48	55.93	1,022.00
PBLFGXGW01	15	0	979.00	1,020.00	1,005.60	15,084.00	9.83	96.64	1,020.00
PBLFGXGW03	19	0	979.00	1,020.00	1,006.79	19,129.00	10.06	101.22	1,020.00
PBLFGXGW07	17	0	979.00	1,021.00	1,007.65	17,130.00	10.25	105.05	1,021.00
PBLFGXGW18	15	0	978.00	1,020.00	1,006.93	15,104.00	10.62	112.73	1,020.00
PBLFGXGW28	29	0	979.00	1,020.00	1,006.17	29,179.00	11.38	129.59	1,019.50
PBLFGXGW29	28	0	979.00	1,021.00	1,005.54	28,155.00	11.61	134.89	1,020.00
PBLFGXGW30	16	0	979.00	1,021.00	1,007.50	16,120.00	10.07	101.50	1,021.00
Total	1,808	0	976.00	1,024.00	1,006.80	1,820,289.00	10.26	105.34	1,020.00

Data from: 1 Jan 2020 to: 31 Dec 2020

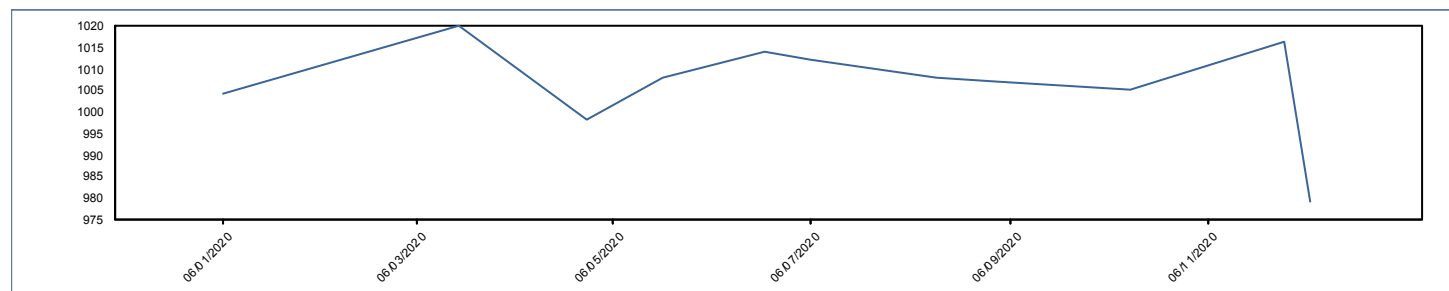
CHILMP01

Number of readings

14

Number of breaches

0



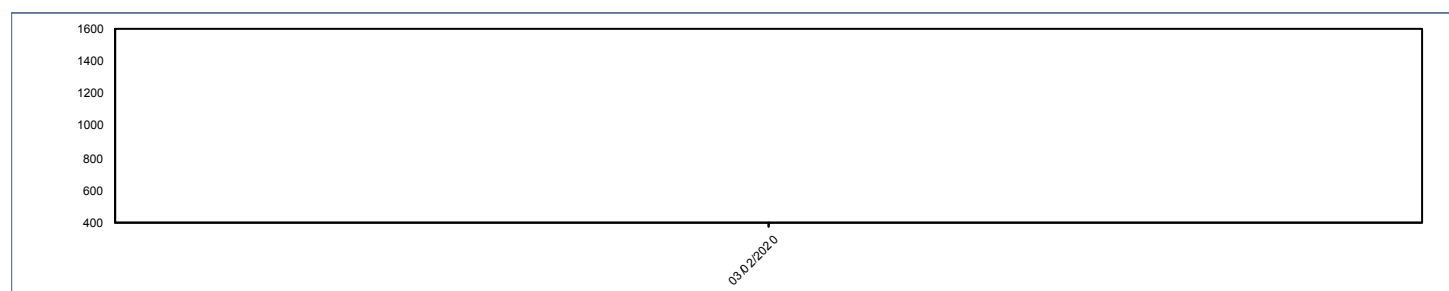
CHILRIS1

Number of readings

1

Number of breaches

0



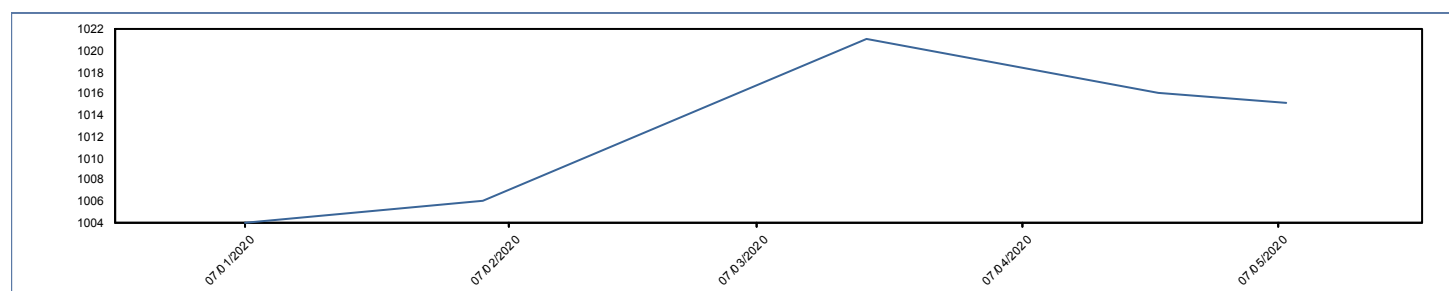
CHILRIS2

Number of readings

5

Number of breaches

0



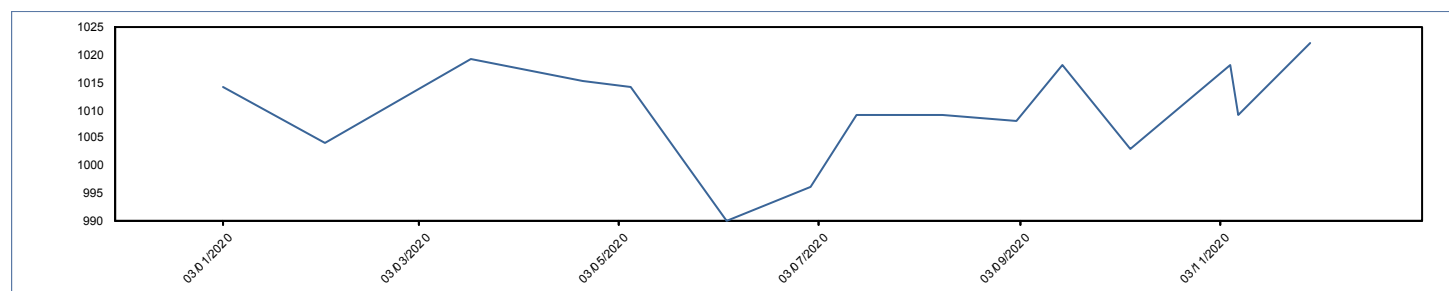
CHILW06R

Number of readings

28

Number of breaches

0



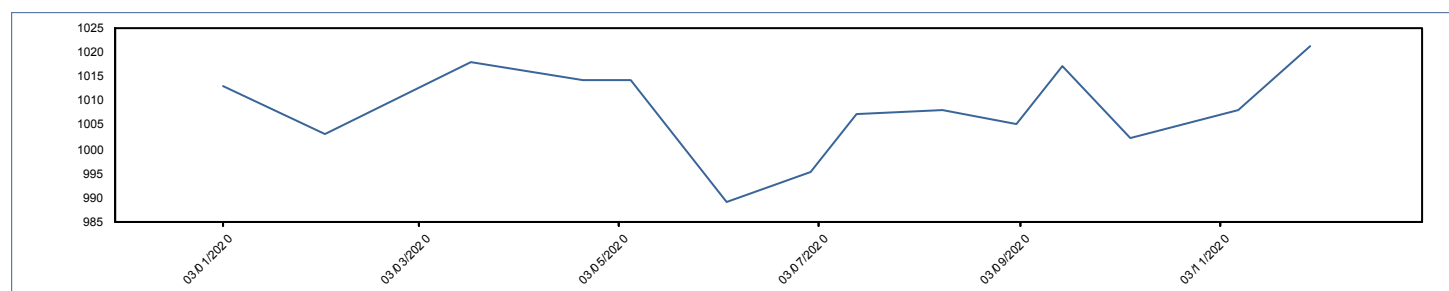
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

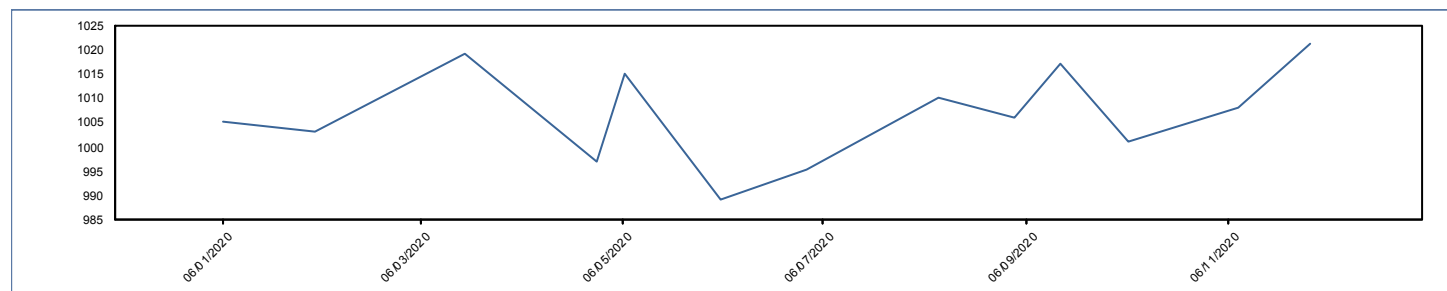
CHILW5BR

Number of readings

29

Number of breaches

0



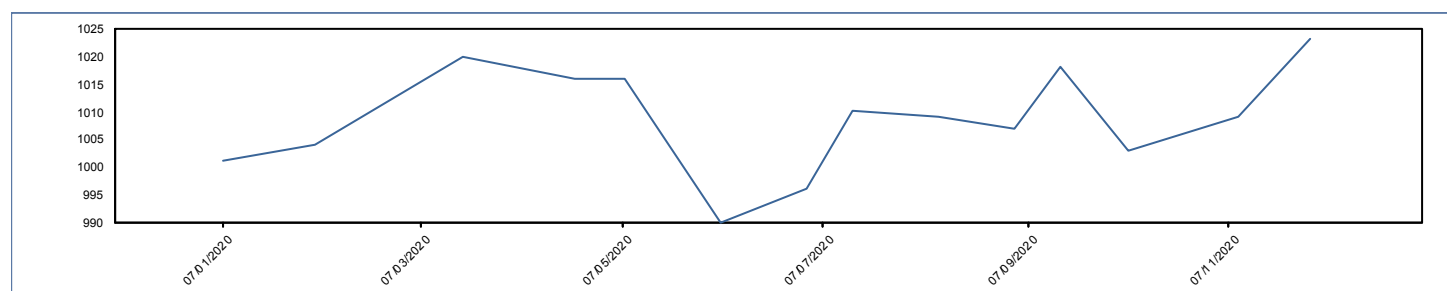
CHIP0111

Number of readings

30

Number of breaches

0



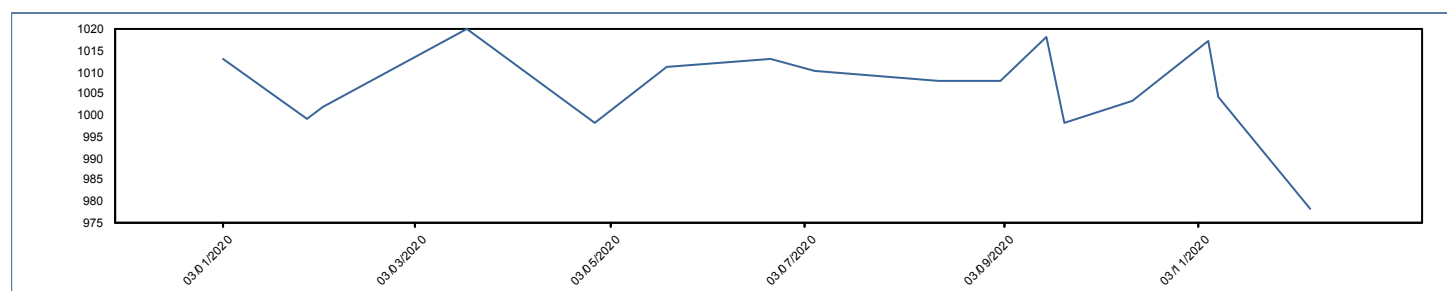
CHIR0010

Number of readings

30

Number of breaches

0



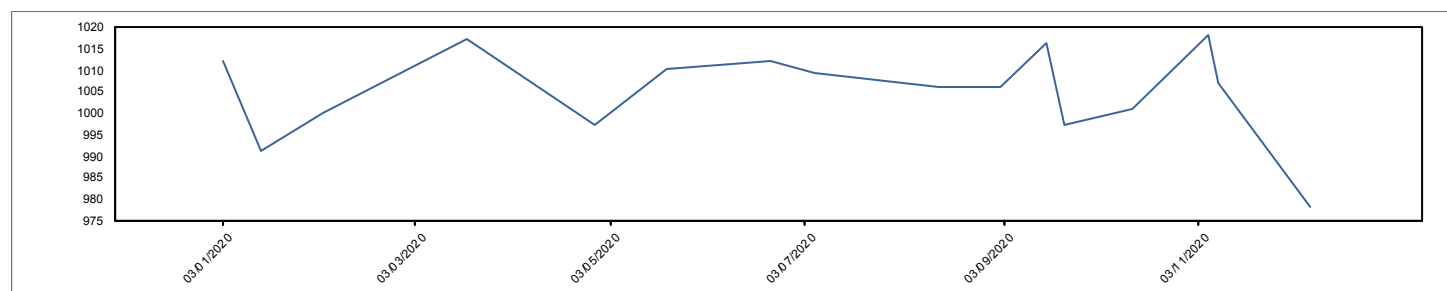
CHIR0037

Number of readings

31

Number of breaches

0



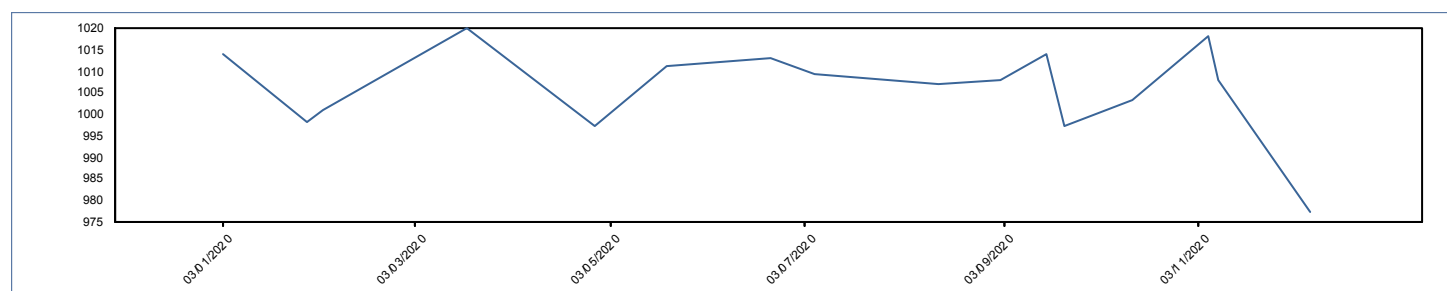
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

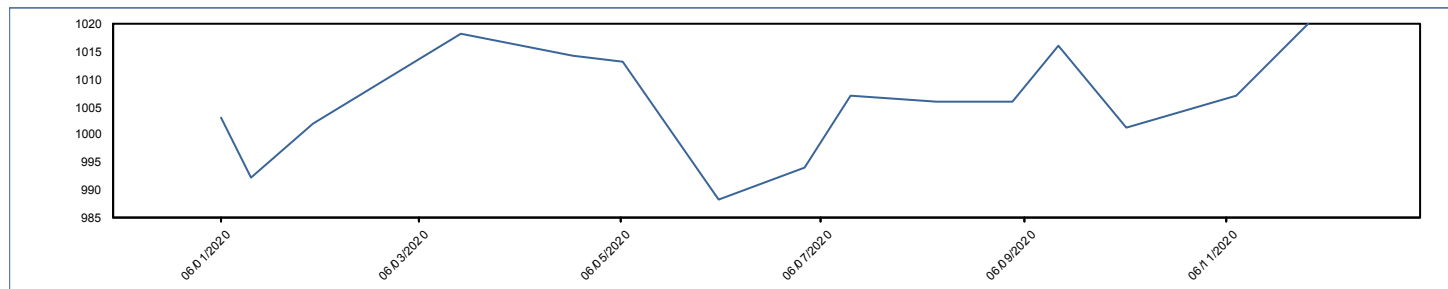
CHIR0043

Number of readings

15

Number of breaches

0



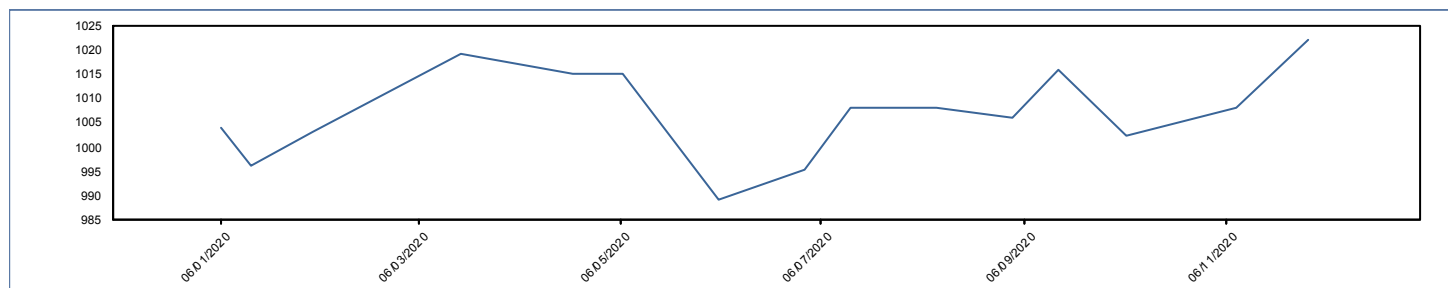
CHIR0055

Number of readings

15

Number of breaches

0



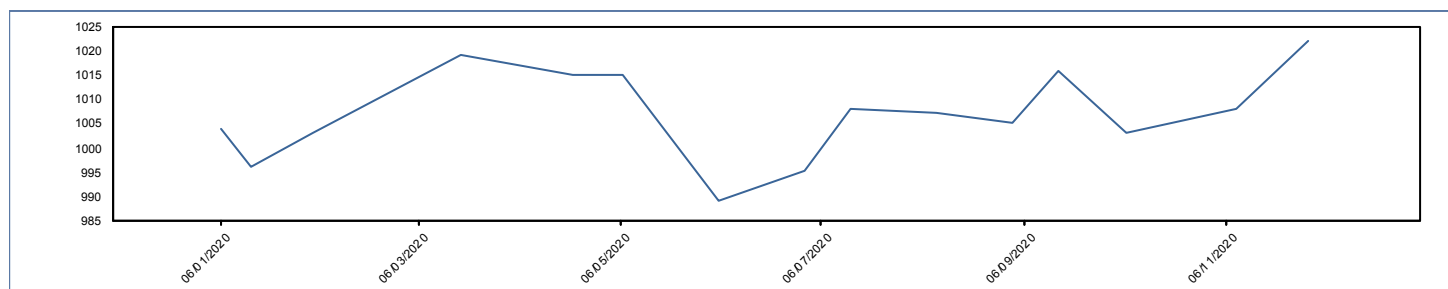
CHIR0069

Number of readings

15

Number of breaches

0



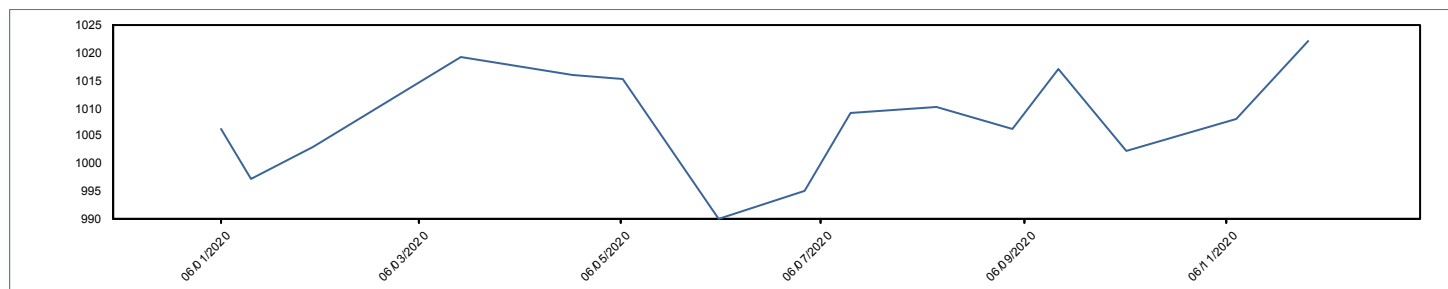
CHIR0070

Number of readings

15

Number of breaches

0



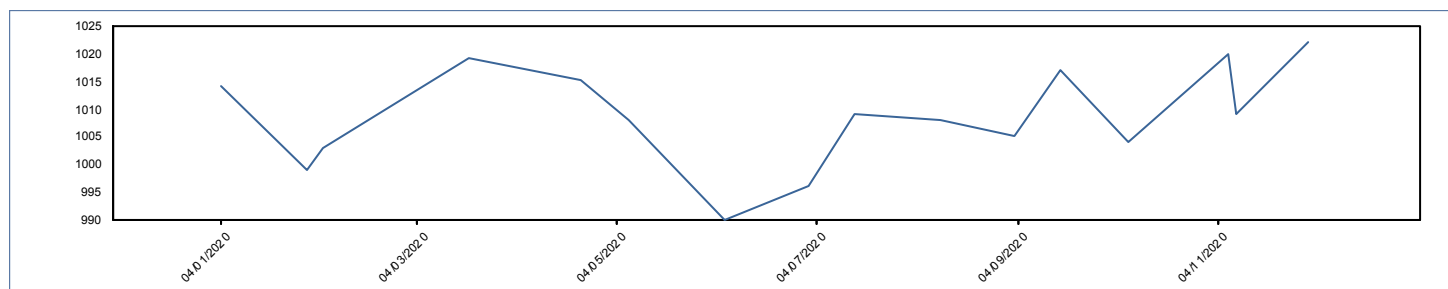
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

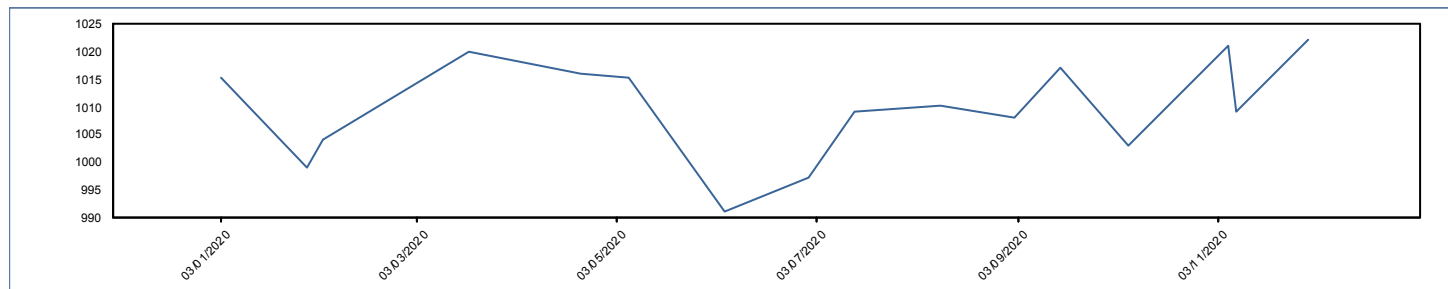
CHIR0073

Number of readings

18

Number of breaches

0



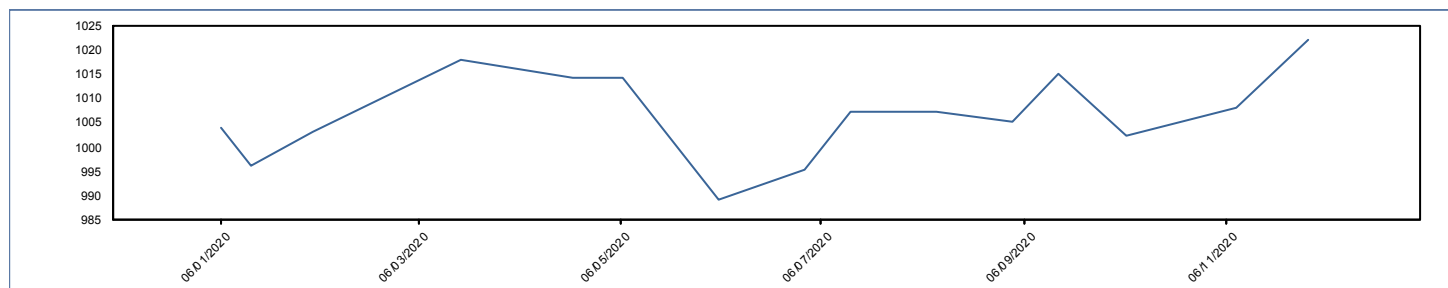
CHIR0074

Number of readings

15

Number of breaches

0



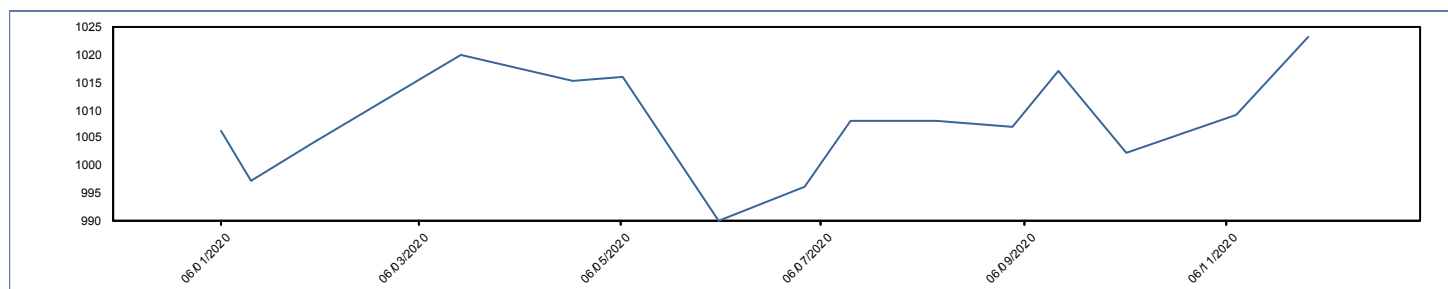
CHIR0079

Number of readings

15

Number of breaches

0



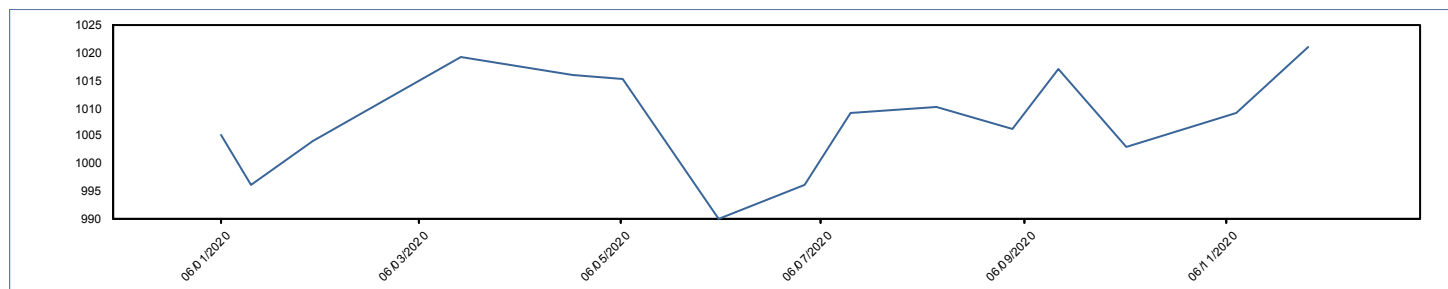
CHIR0080

Number of readings

23

Number of breaches

0



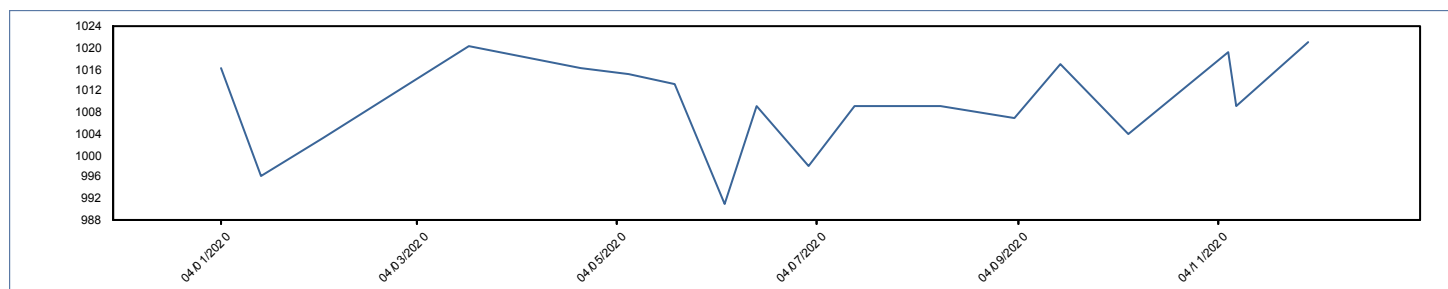
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

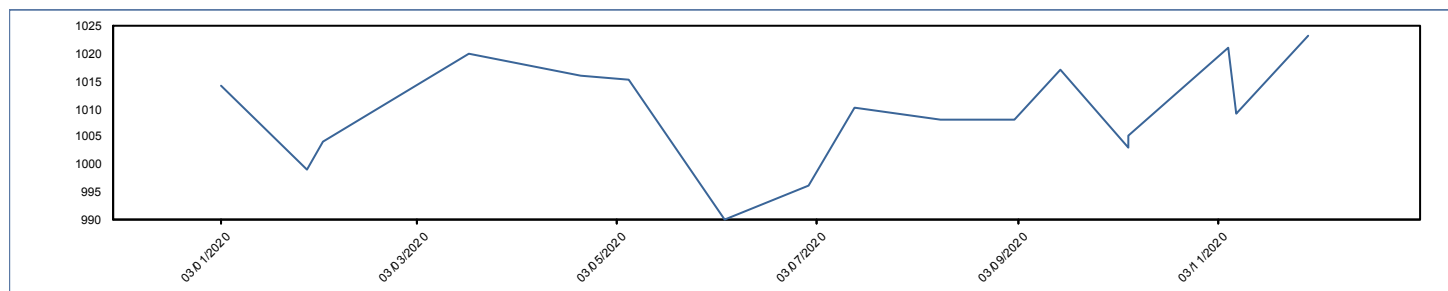
CHIR0091

Number of readings

17

Number of breaches

0



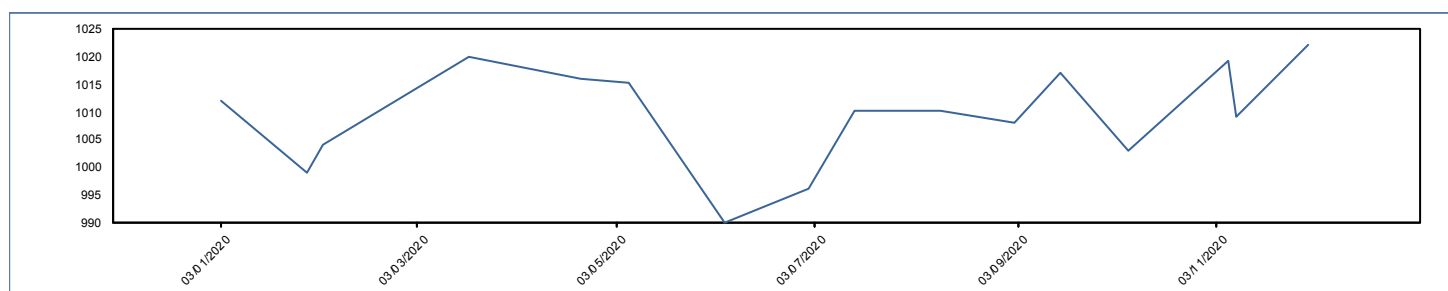
CHIR0093

Number of readings

17

Number of breaches

0



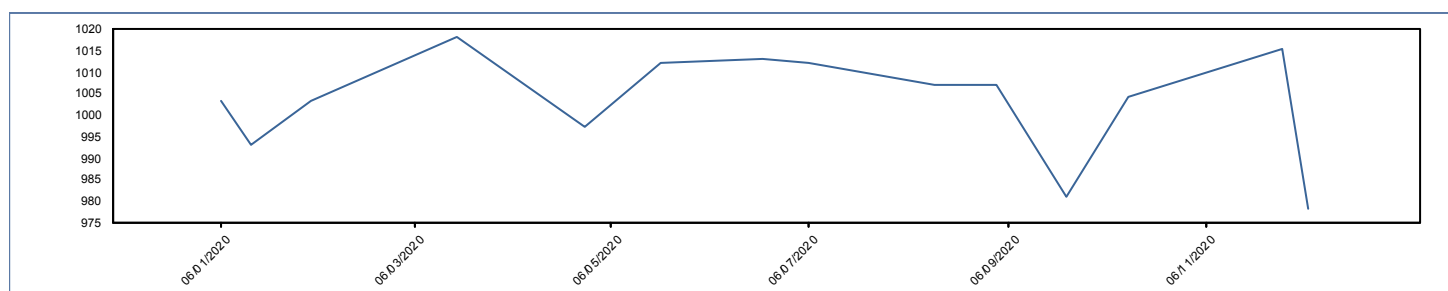
CHIR252R

Number of readings

14

Number of breaches

0



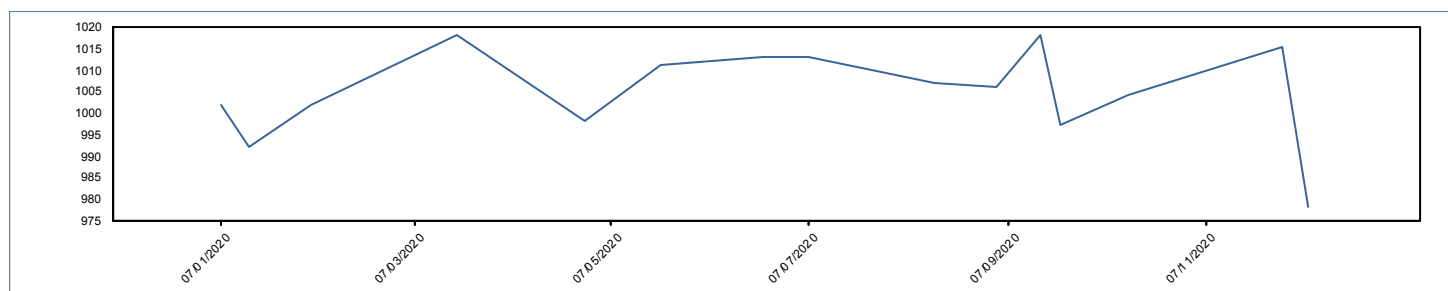
CHIW0064

Number of readings

15

Number of breaches

0



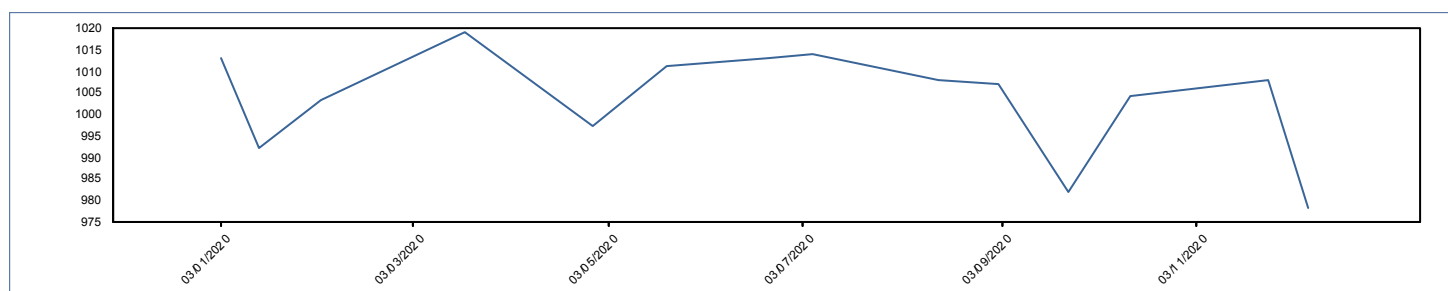
CHIW0065

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

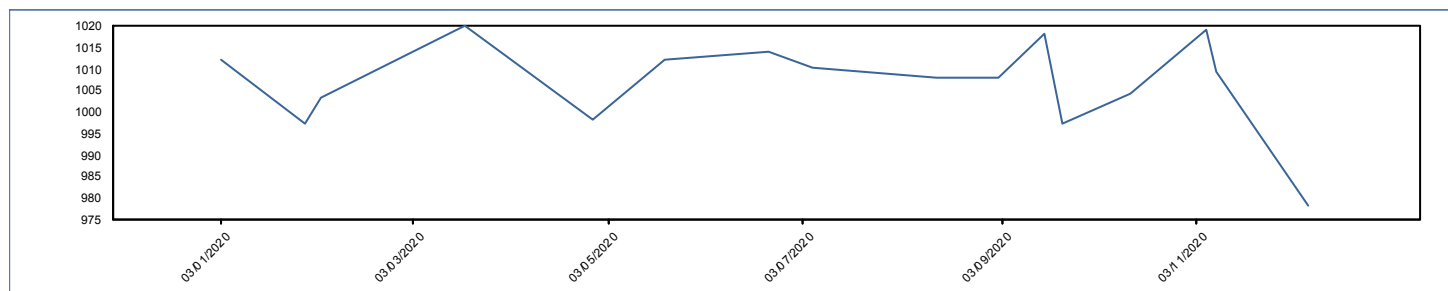
CHI0066

Number of readings

16

Number of breaches

0



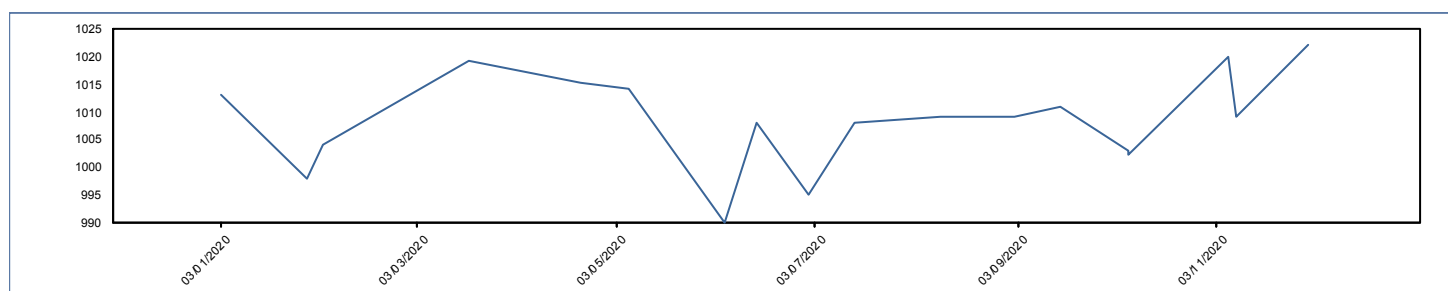
CHI0067

Number of readings

37

Number of breaches

0



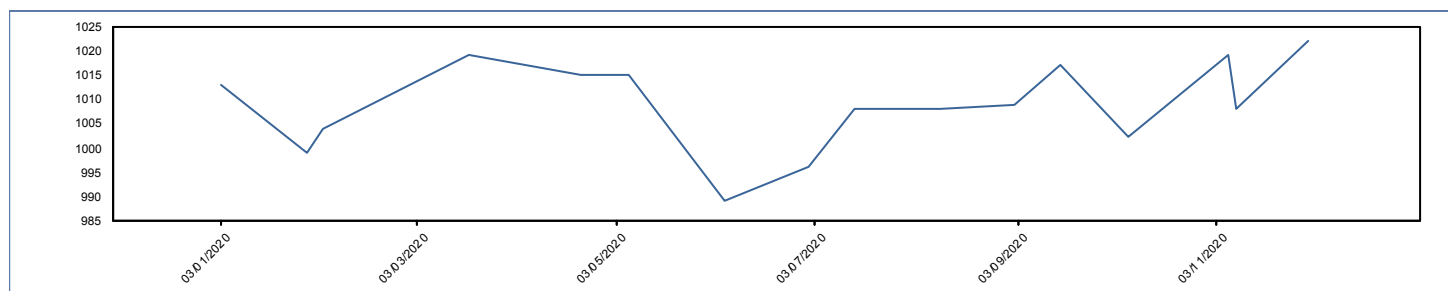
CHI0068

Number of readings

16

Number of breaches

0



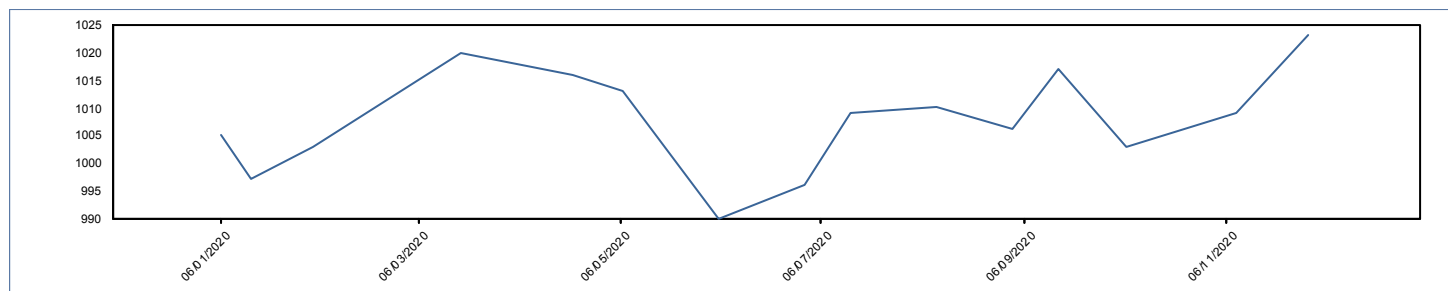
CHI0078

Number of readings

20

Number of breaches

0



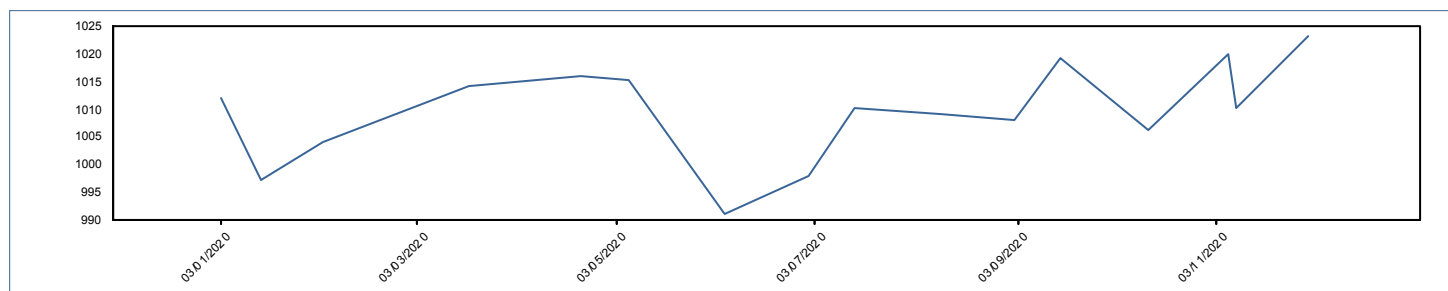
CHI0082

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

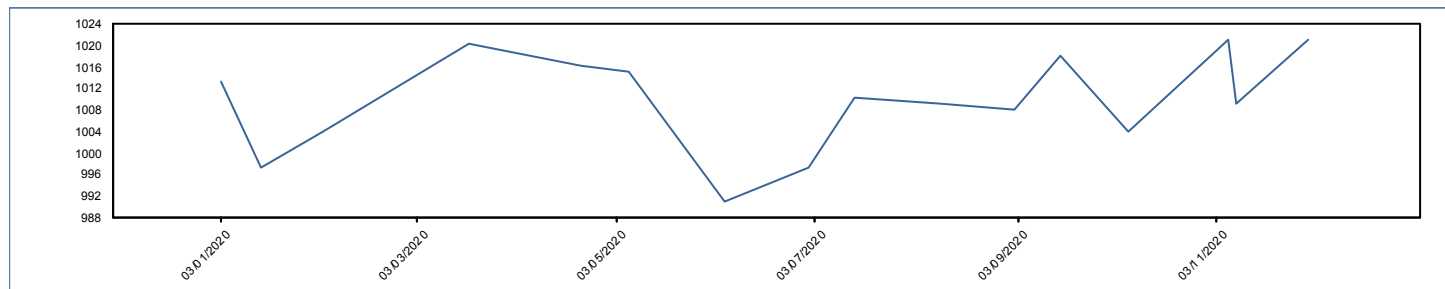
CHI0083

Number of readings

16

Number of breaches

0



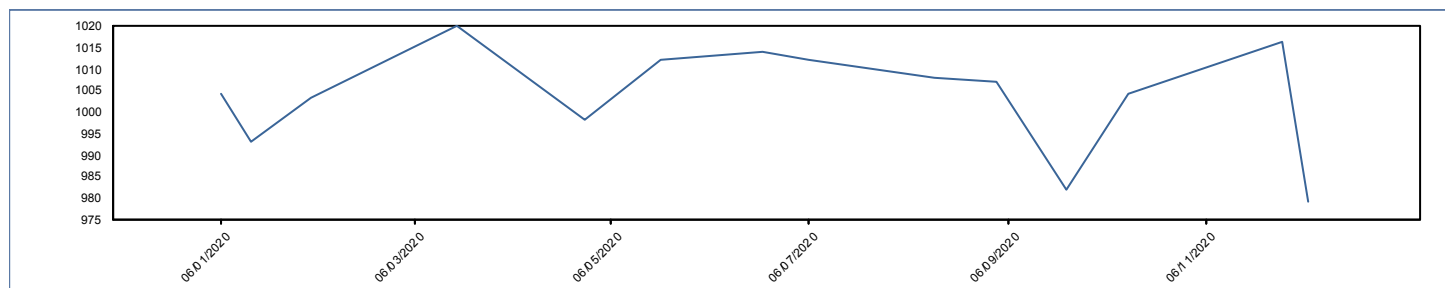
CHI0084

Number of readings

14

Number of breaches

0



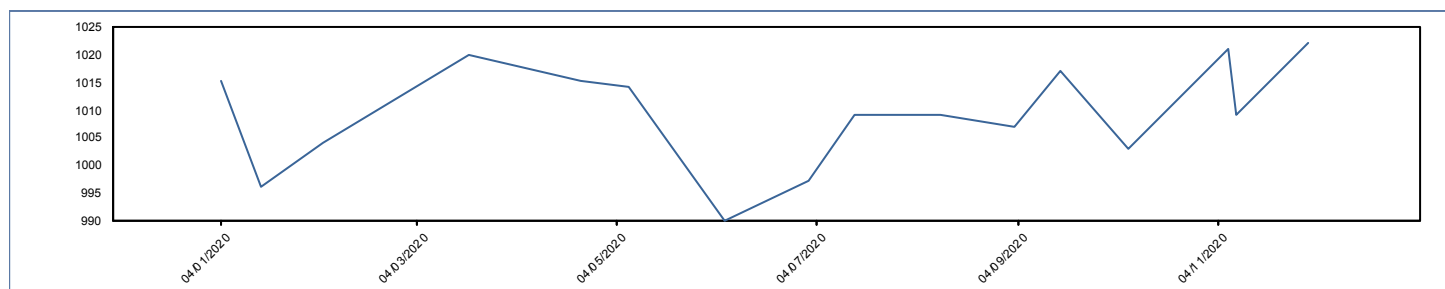
CHI0089

Number of readings

16

Number of breaches

0



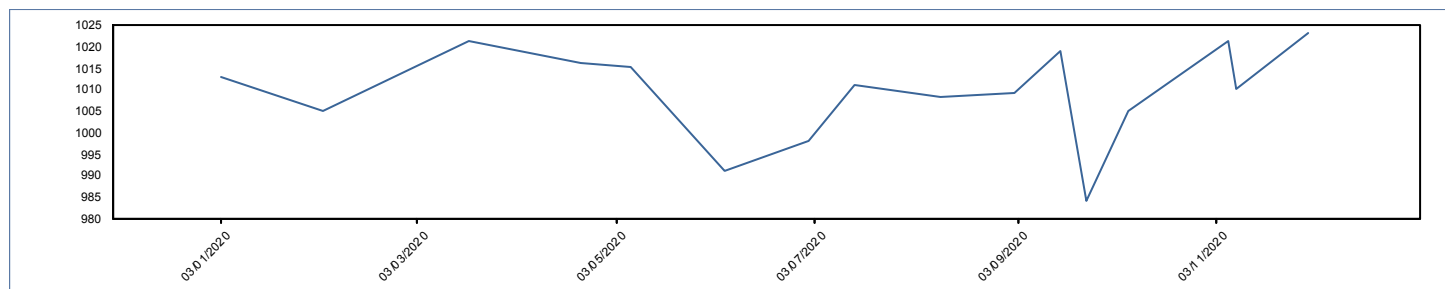
CHI0094

Number of readings

34

Number of breaches

0



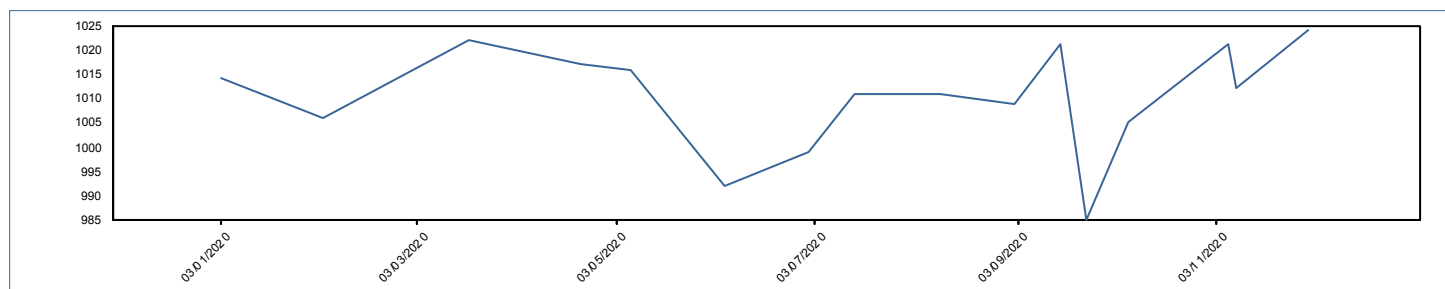
CHI0097

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

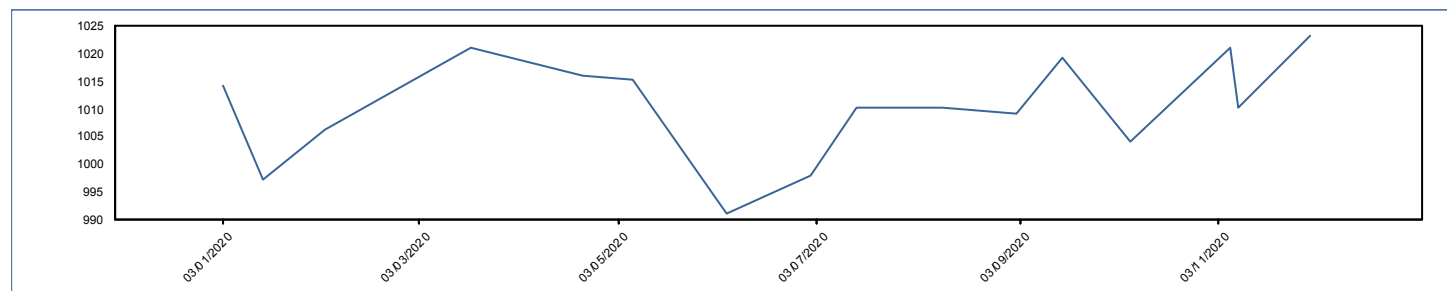
CHI0098

Number of readings

16

Number of breaches

0



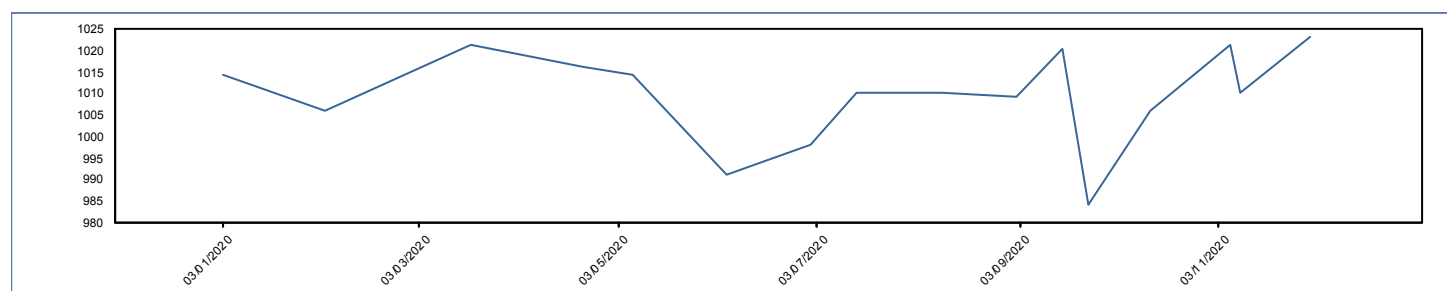
CHI0099

Number of readings

16

Number of breaches

0



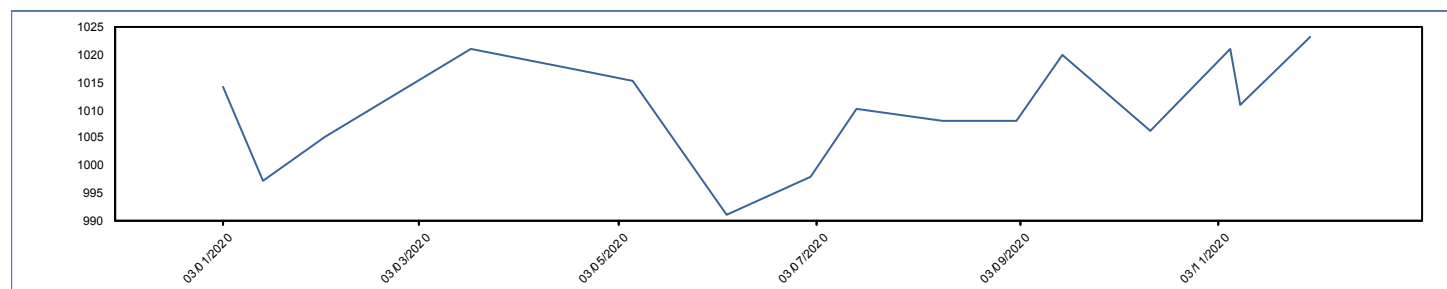
CHI0100

Number of readings

22

Number of breaches

0



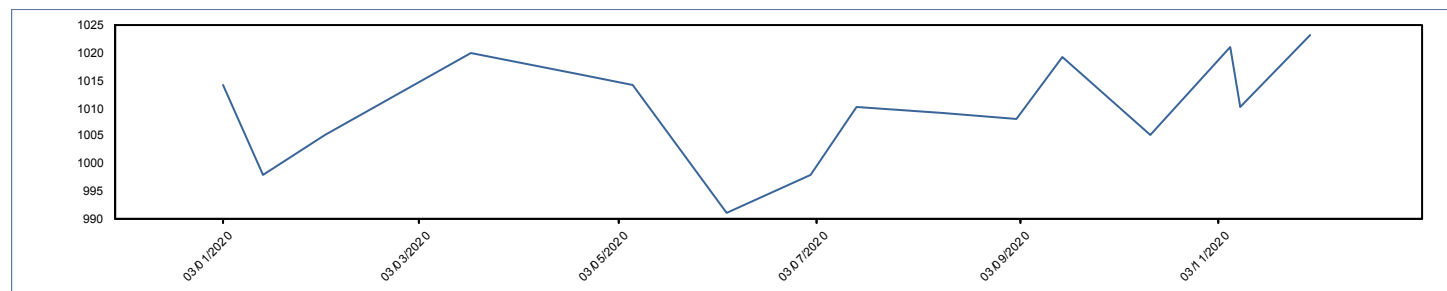
CHI0101

Number of readings

16

Number of breaches

0



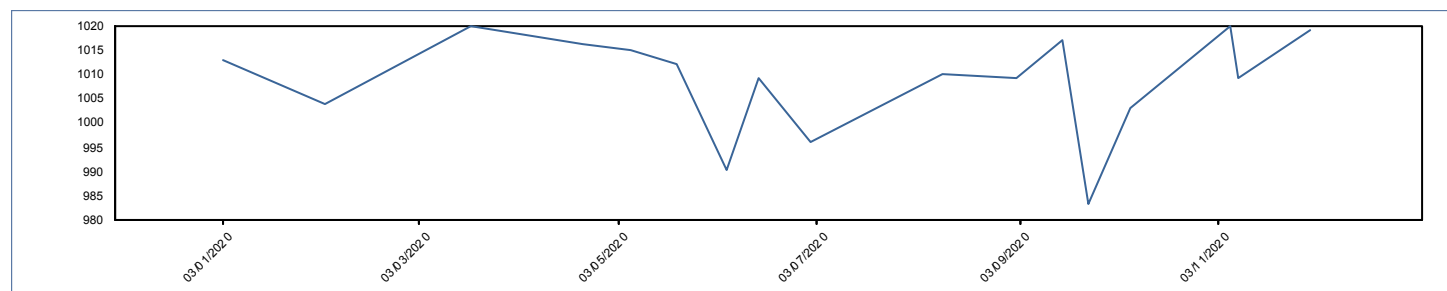
CHI0102

Number of readings

39

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

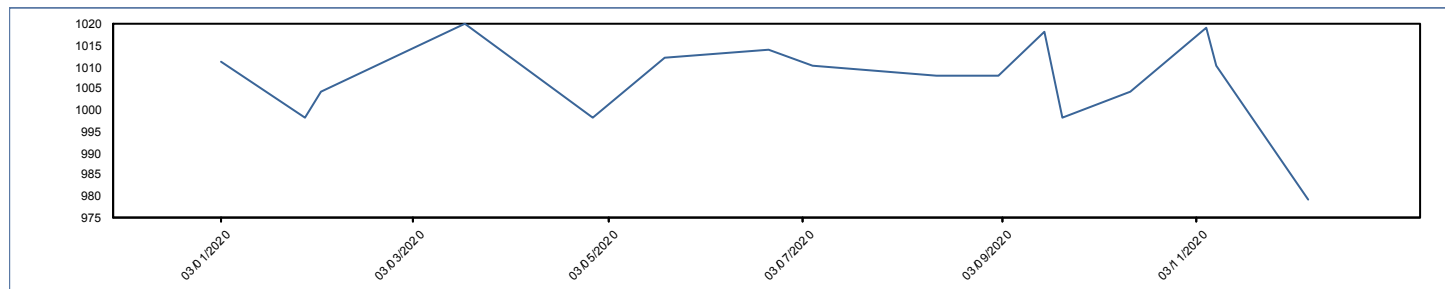
CHIWO103

Number of readings

24

Number of breaches

0



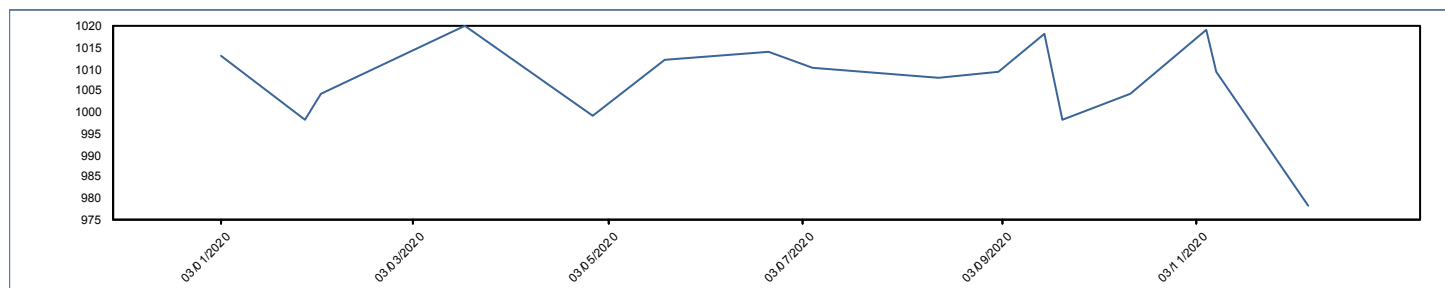
CHIWO104

Number of readings

30

Number of breaches

0



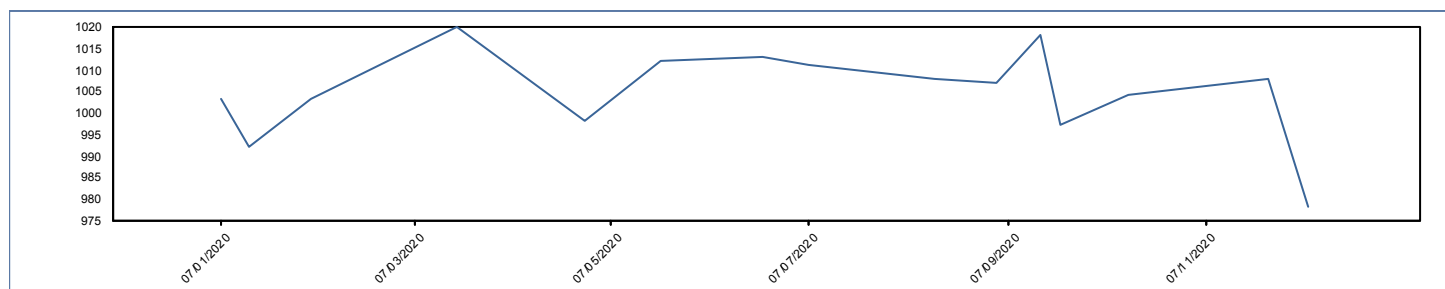
CHIWO105

Number of readings

24

Number of breaches

0



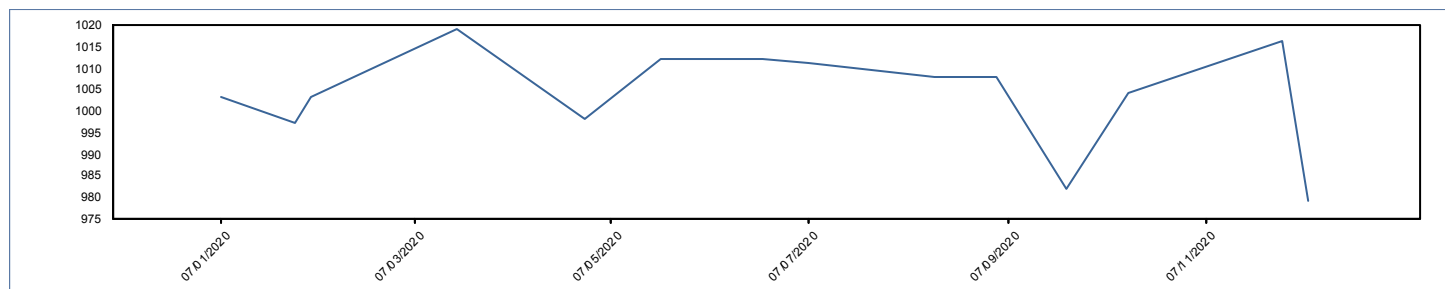
CHIWO106

Number of readings

26

Number of breaches

0



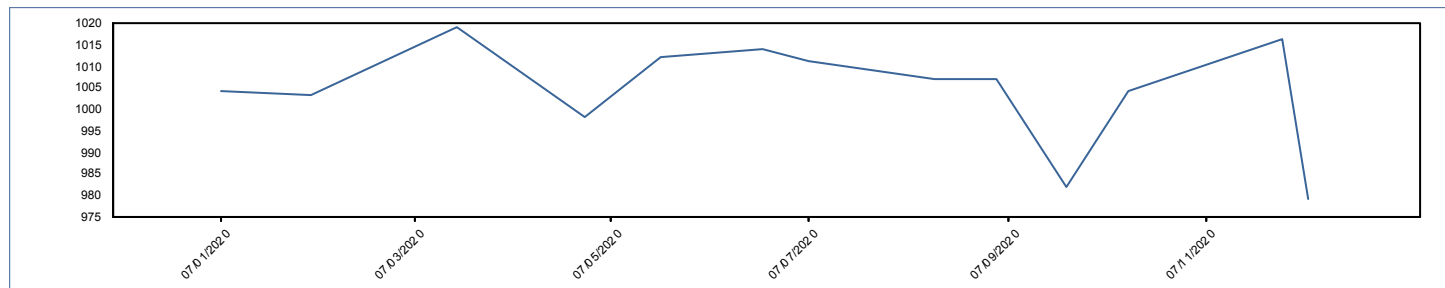
CHIWO107

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

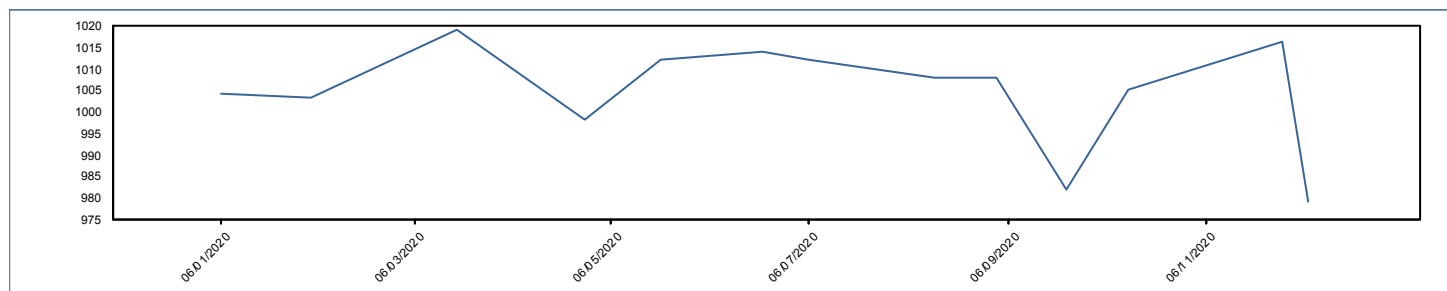
CHI0108

Number of readings

25

Number of breaches

0



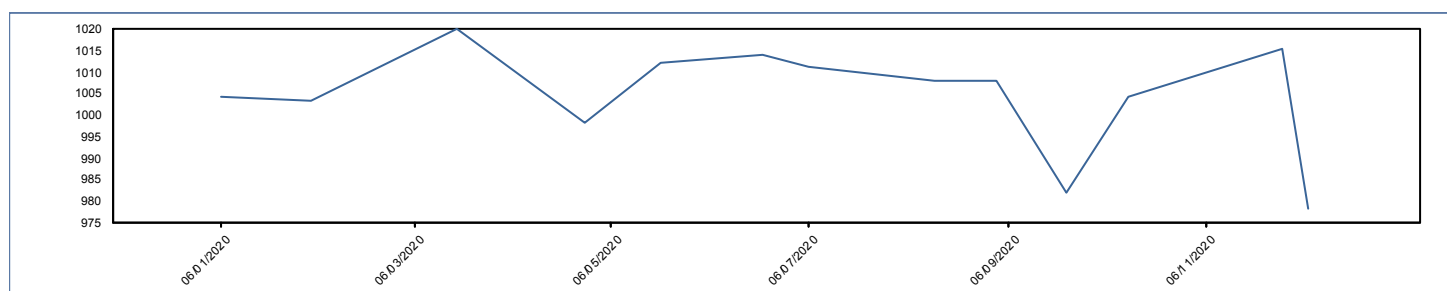
CHI0109

Number of readings

25

Number of breaches

0



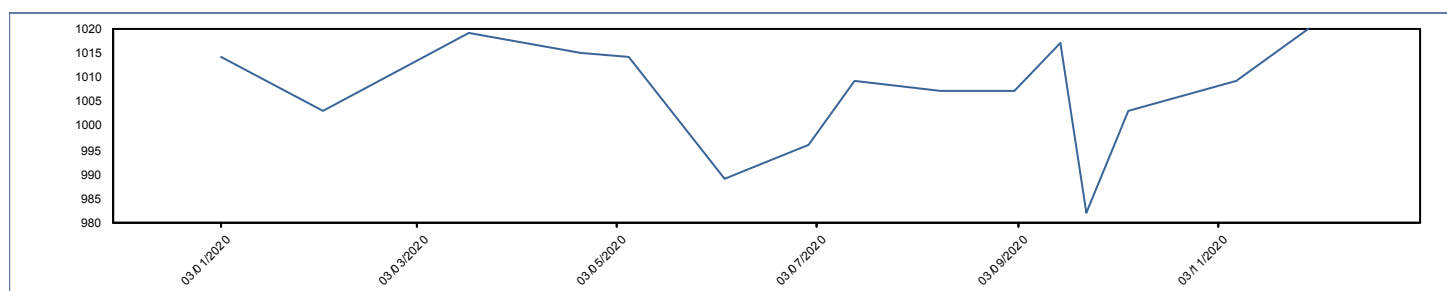
CHI0110

Number of readings

15

Number of breaches

0



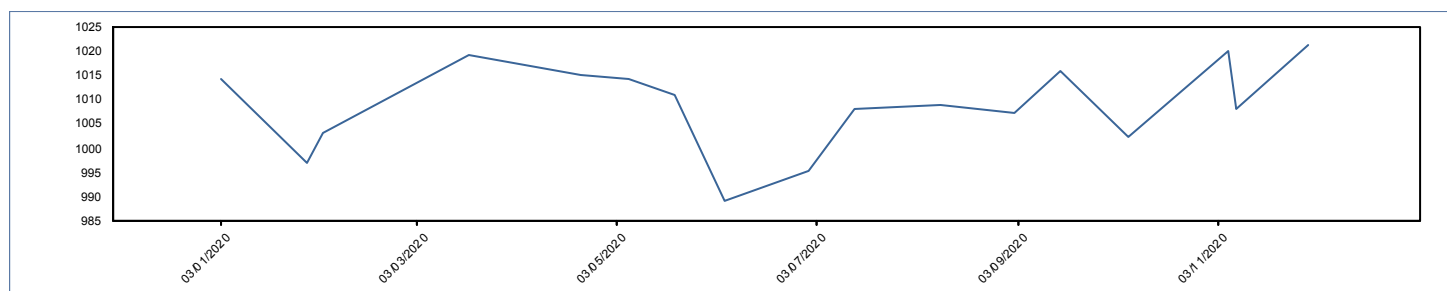
CHI0111

Number of readings

28

Number of breaches

0



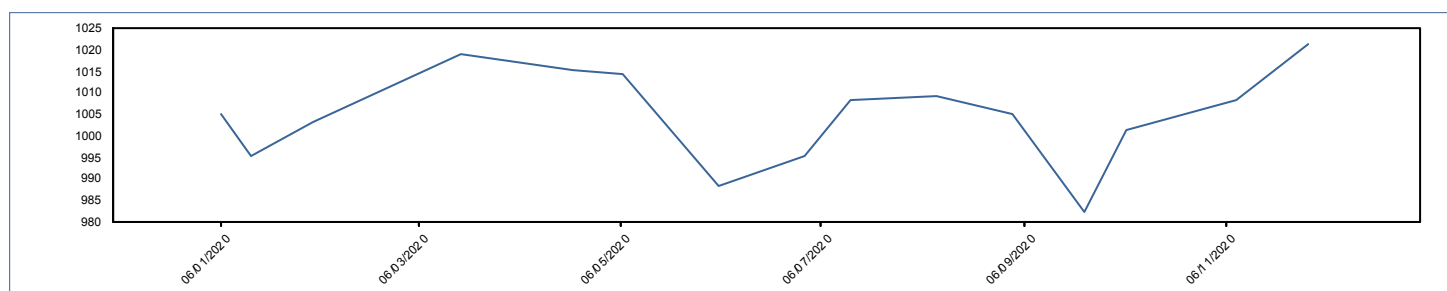
CHI0112

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

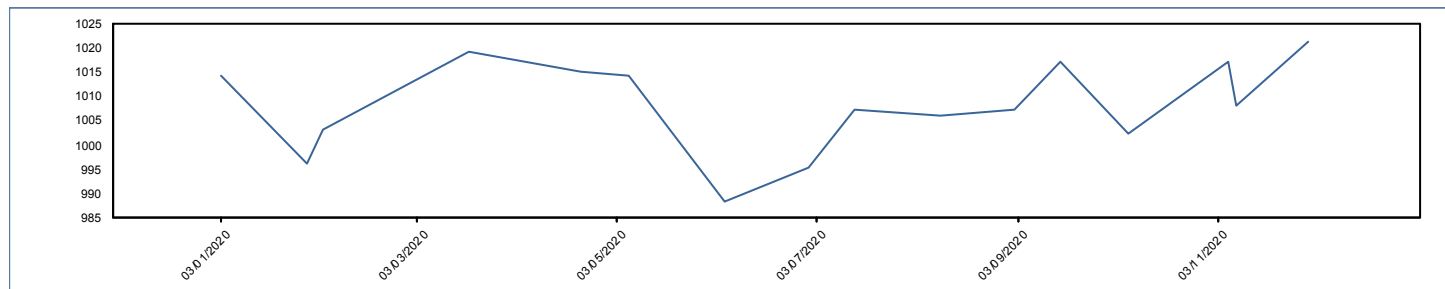
CHI0113

Number of readings

20

Number of breaches

0



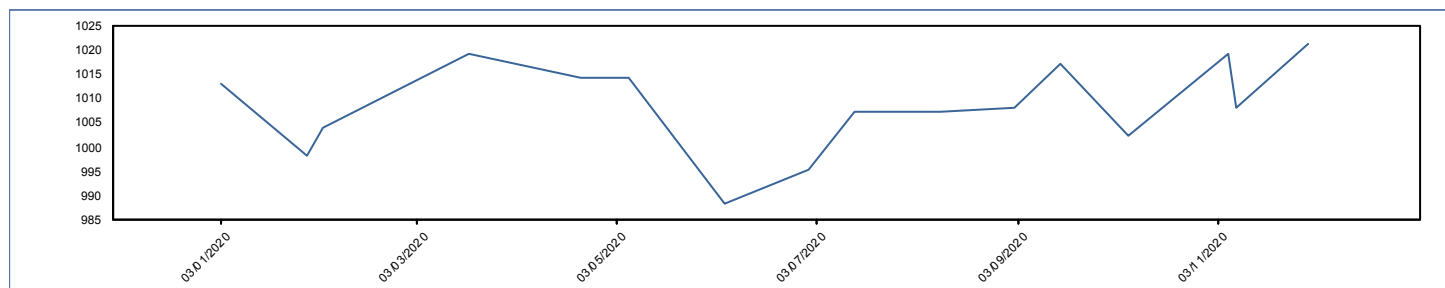
CHI0115

Number of readings

16

Number of breaches

0



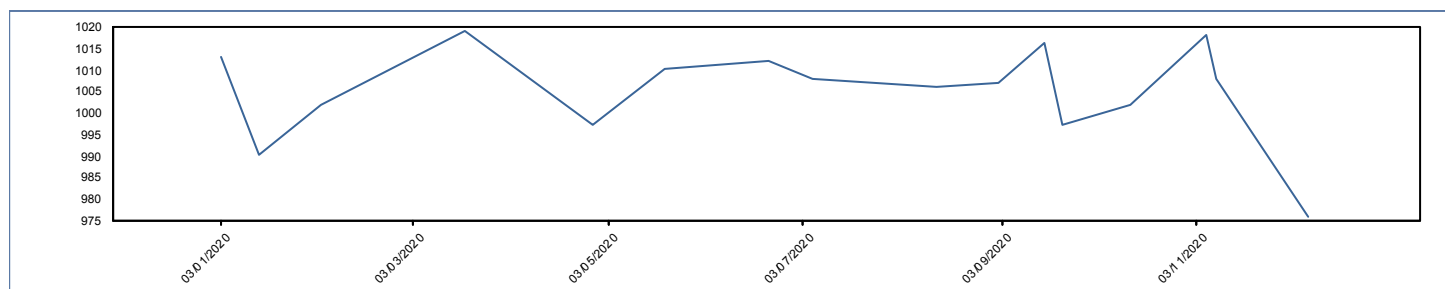
CHI0116

Number of readings

26

Number of breaches

0



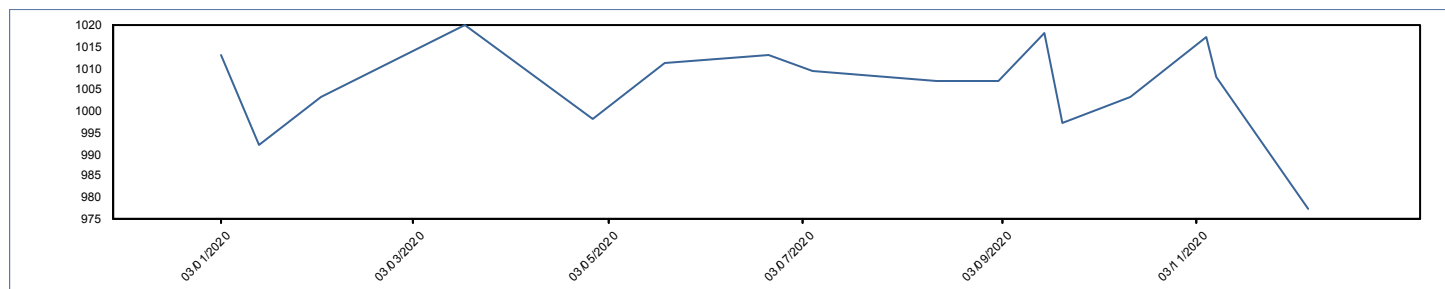
CHI0117

Number of readings

32

Number of breaches

0



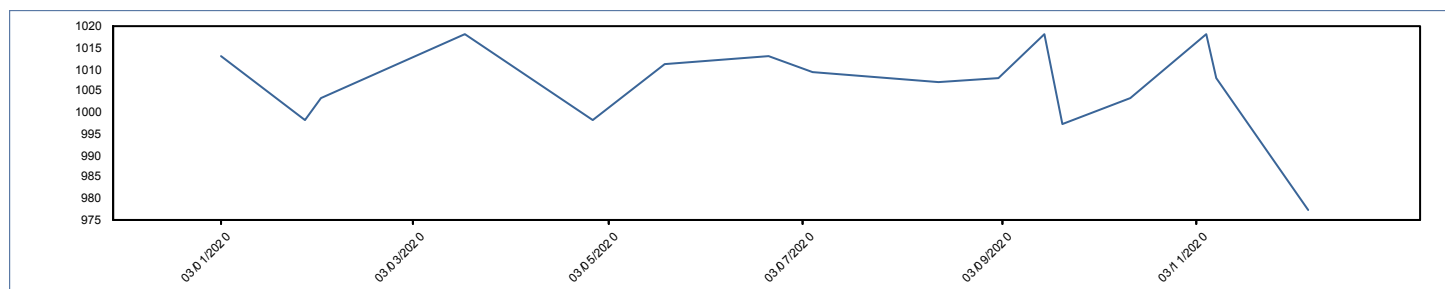
CHI0118

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

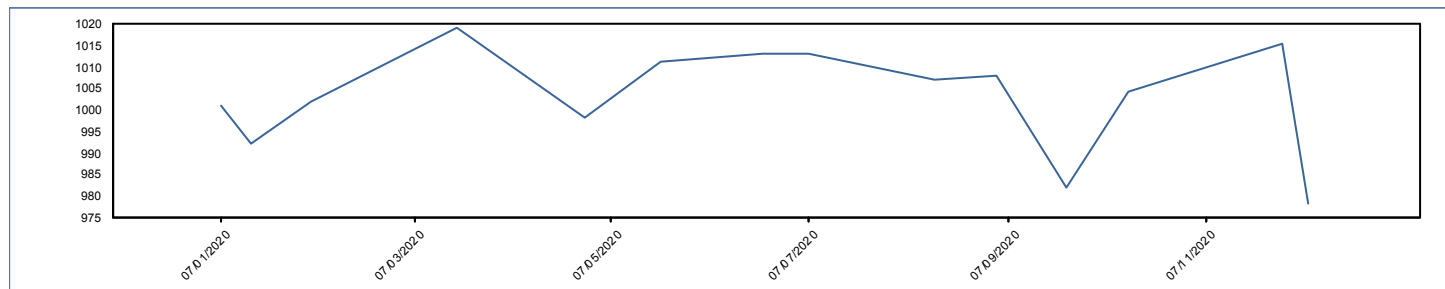
CHI0120

Number of readings

14

Number of breaches

0



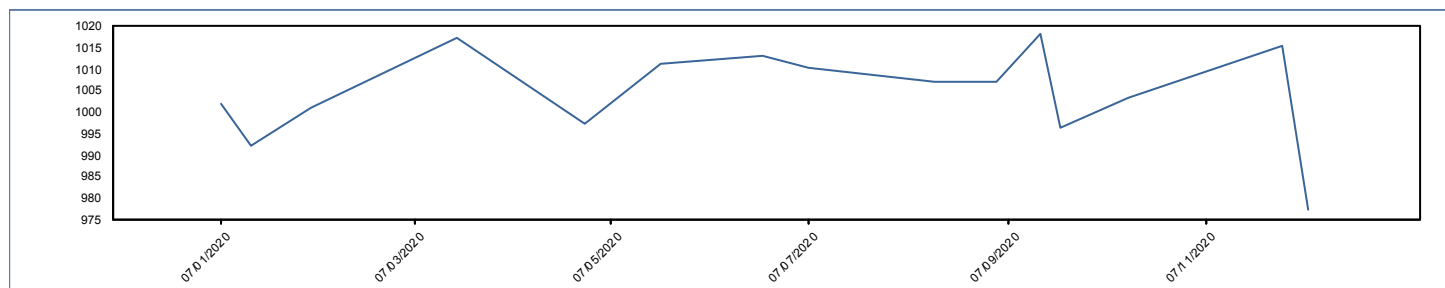
CHI0121

Number of readings

15

Number of breaches

0



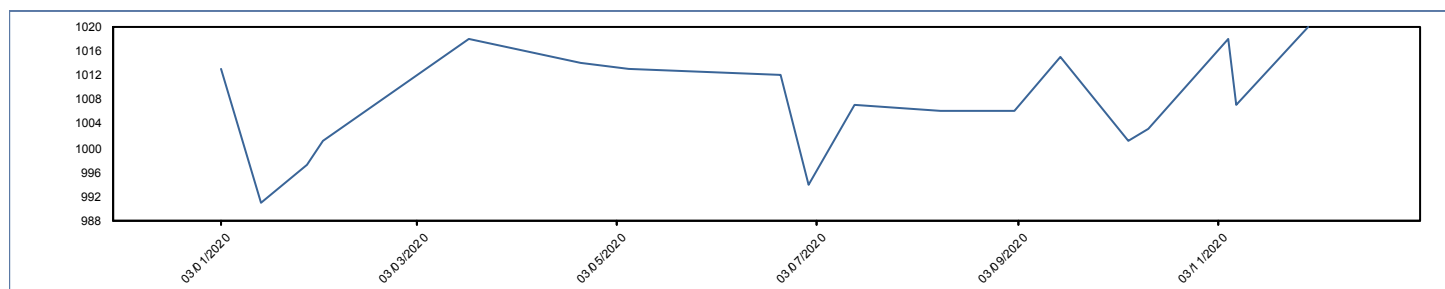
CHI0123

Number of readings

18

Number of breaches

0



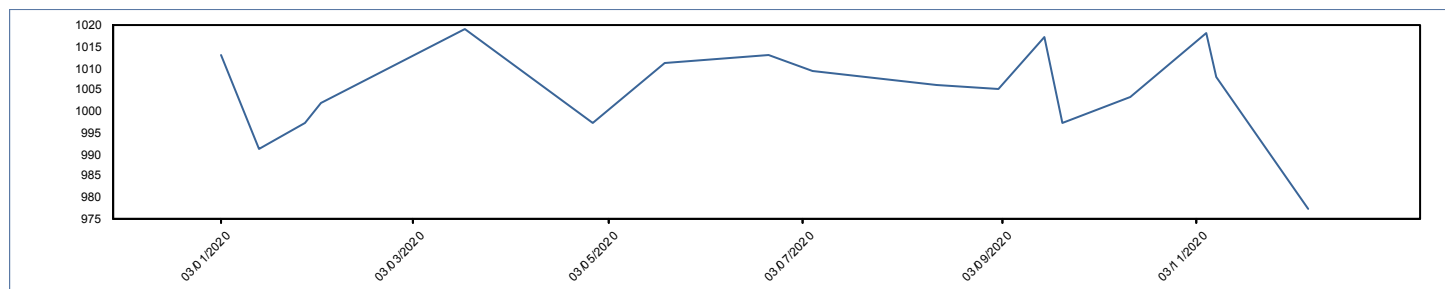
CHI0124

Number of readings

17

Number of breaches

0



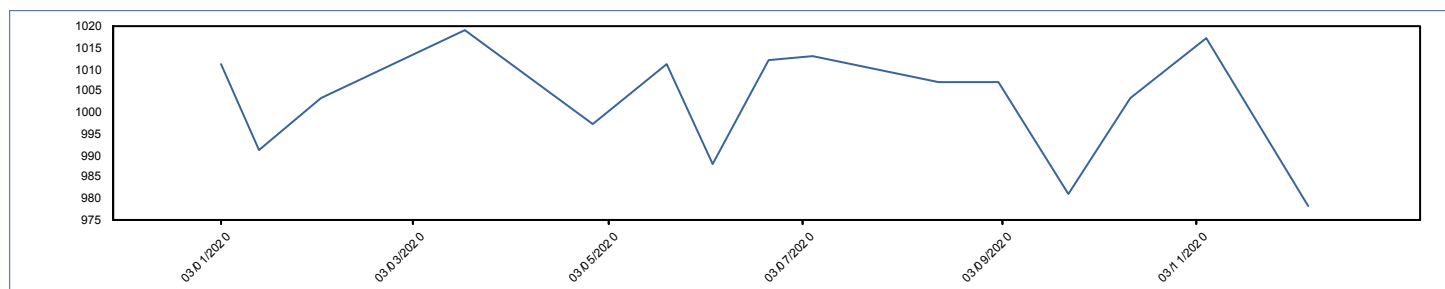
CHI0125

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

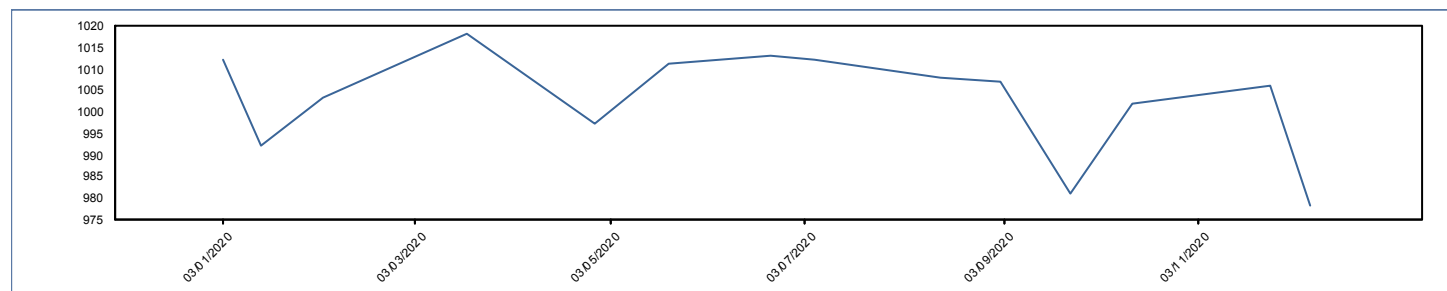
CHI0126

Number of readings

17

Number of breaches

0



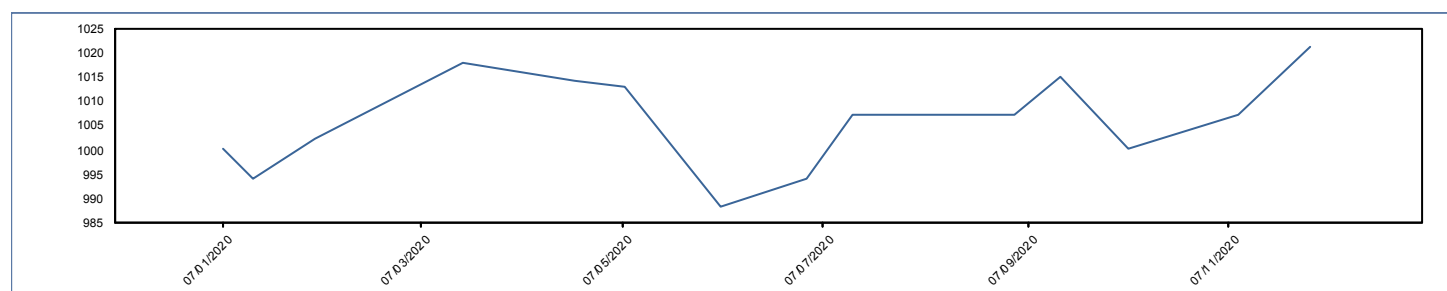
CHI0127

Number of readings

15

Number of breaches

0



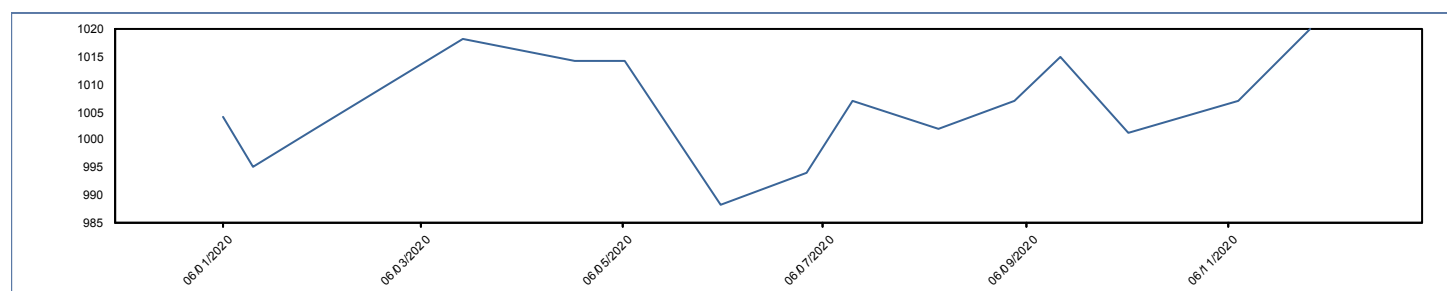
CHI0128

Number of readings

19

Number of breaches

0



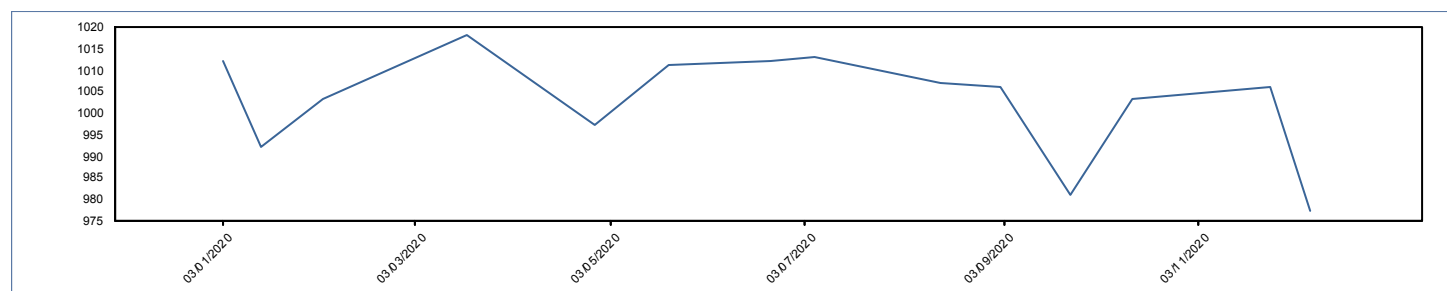
CHI01601

Number of readings

15

Number of breaches

0



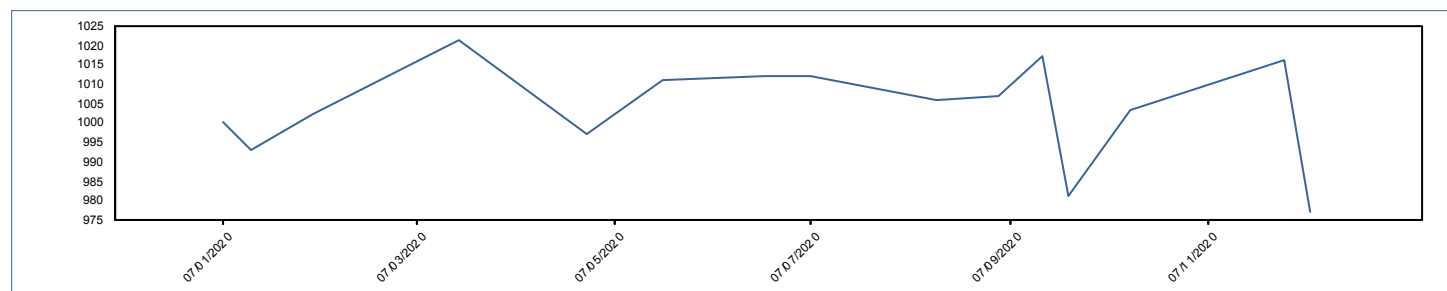
CHI01602

Number of readings

25

Number of breaches

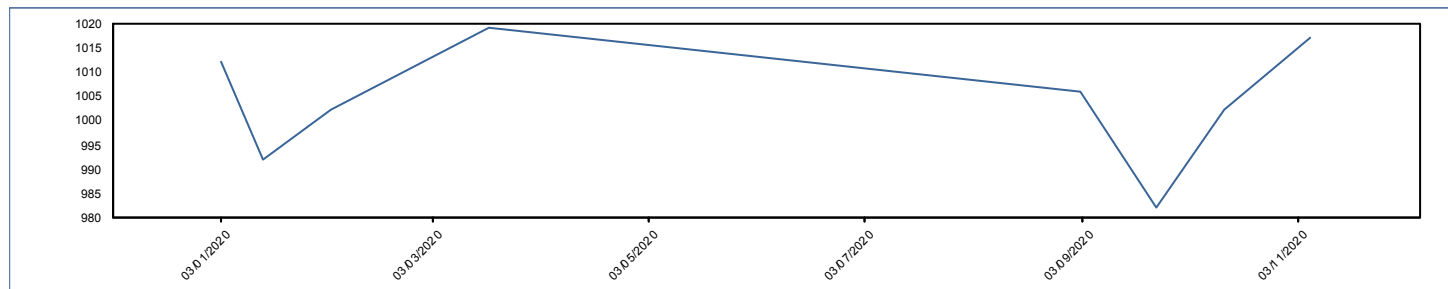
0



Data from: 1 Jan 2020 to: 31 Dec 2020

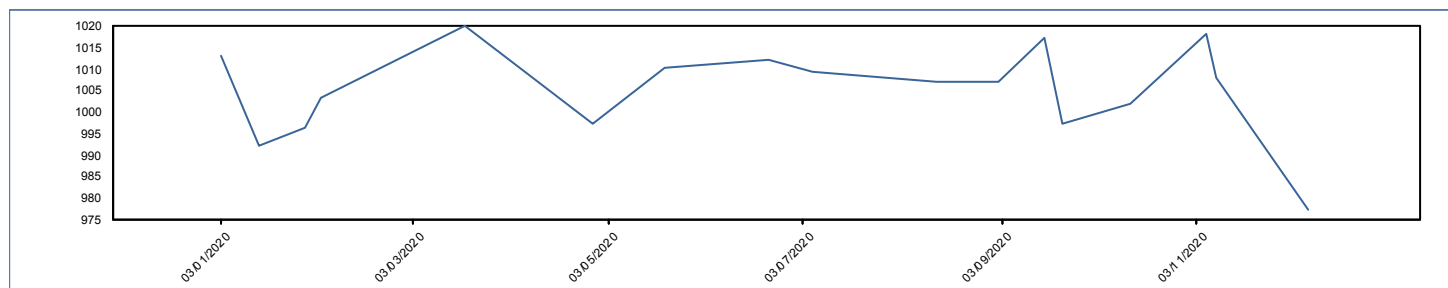
CHI1603

Number of readings 8 Number of breaches 0



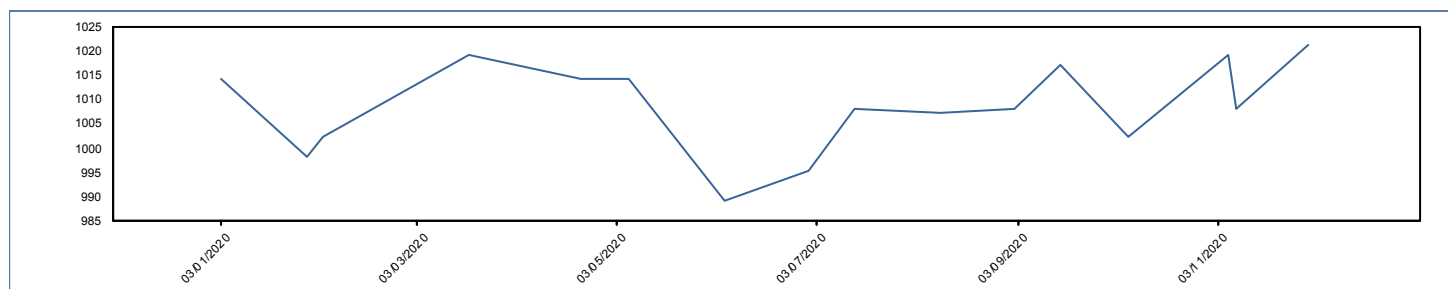
CHI1604

Number of readings 17 Number of breaches 0



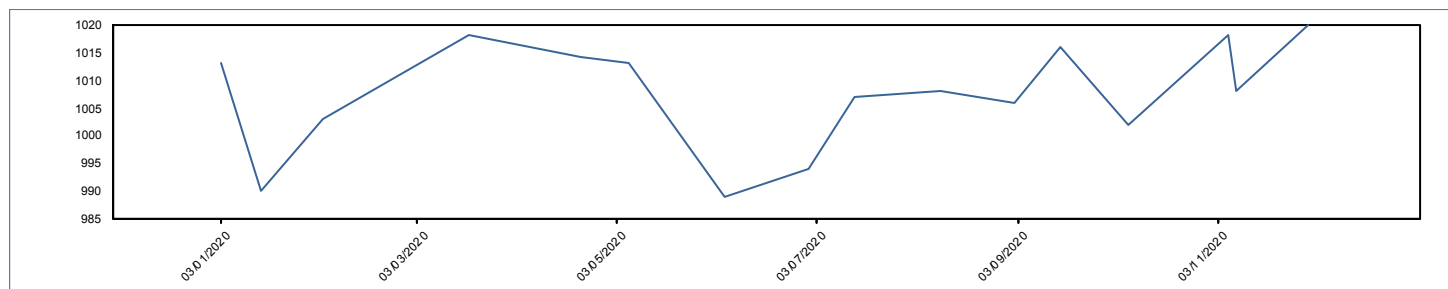
CHI1605

Number of readings 16 Number of breaches 0



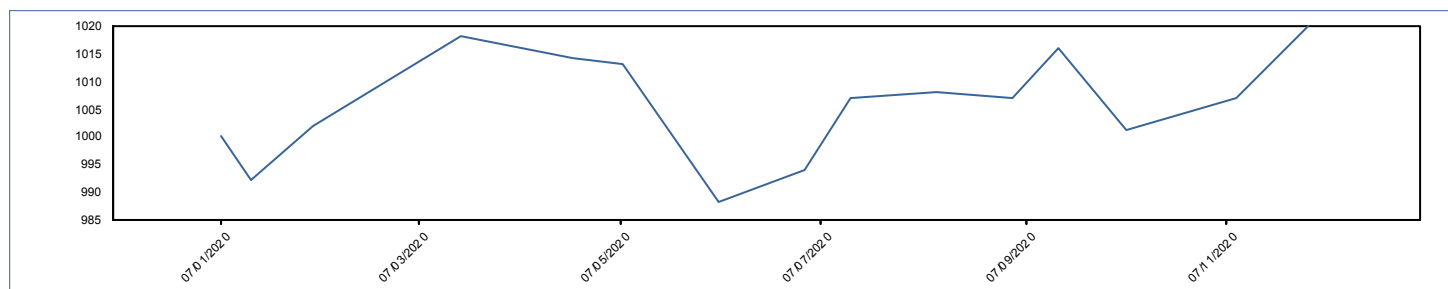
CHI1606

Number of readings 16 Number of breaches 0



CHI1608

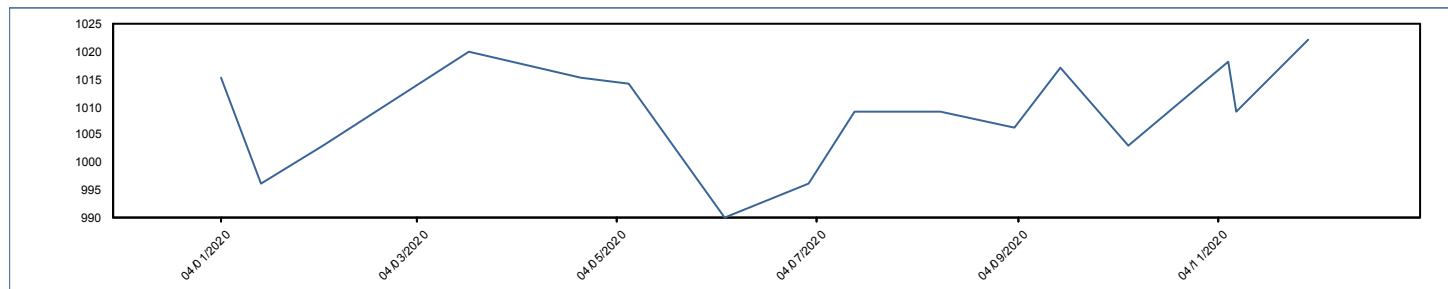
Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

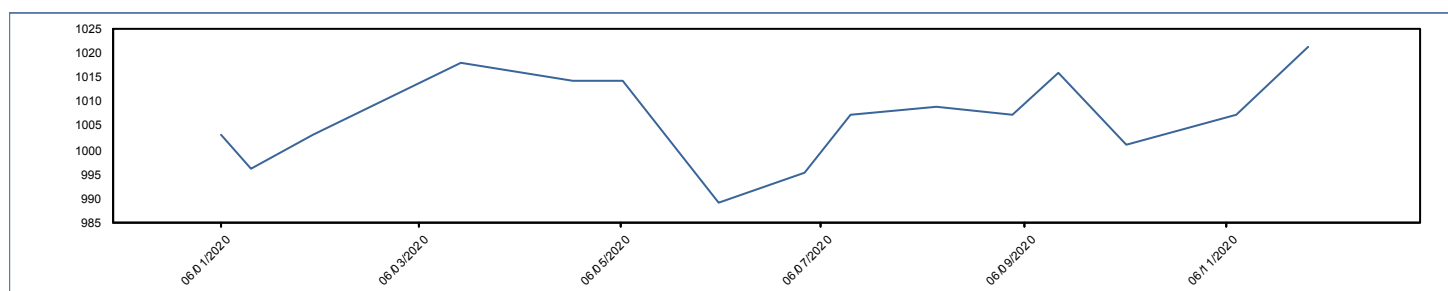
CHI1609

Number of readings 20 Number of breaches 0



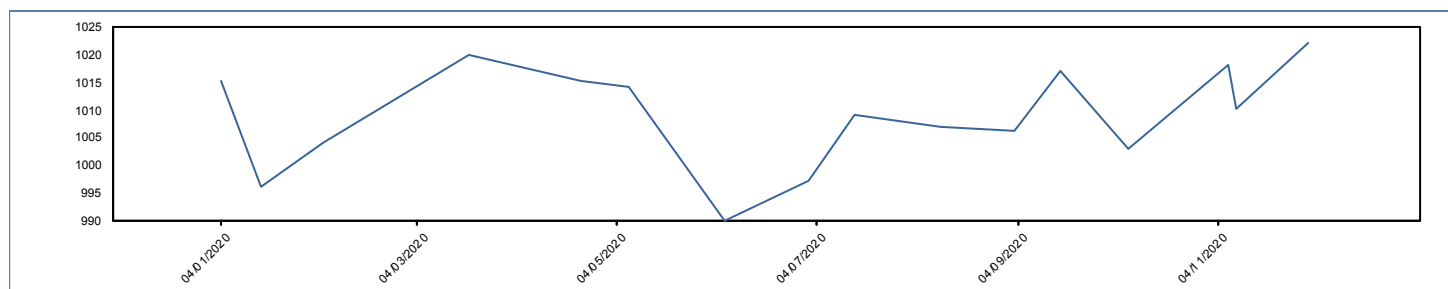
CHI1610

Number of readings 15 Number of breaches 0



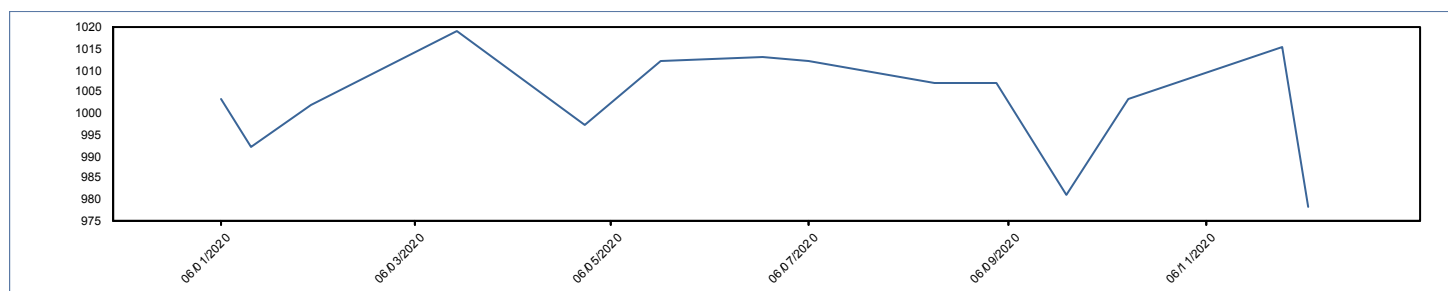
CHI1611

Number of readings 16 Number of breaches 0



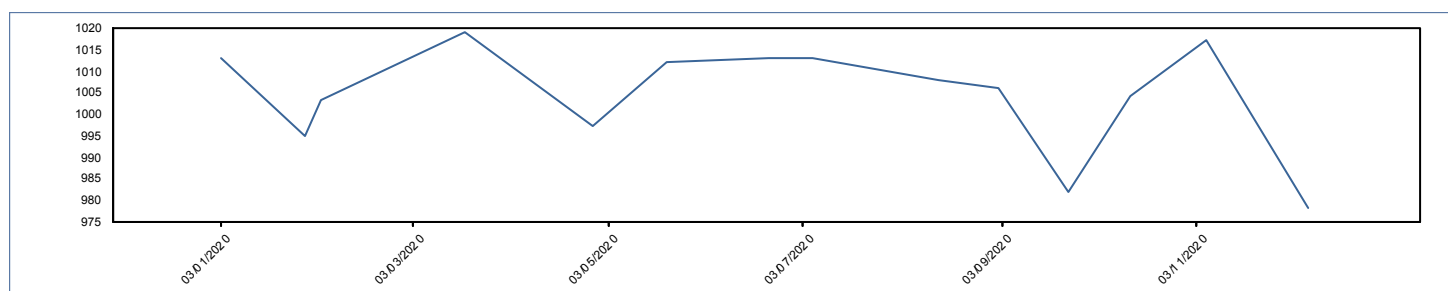
CHI1612

Number of readings 24 Number of breaches 0



GW44

Number of readings 14 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

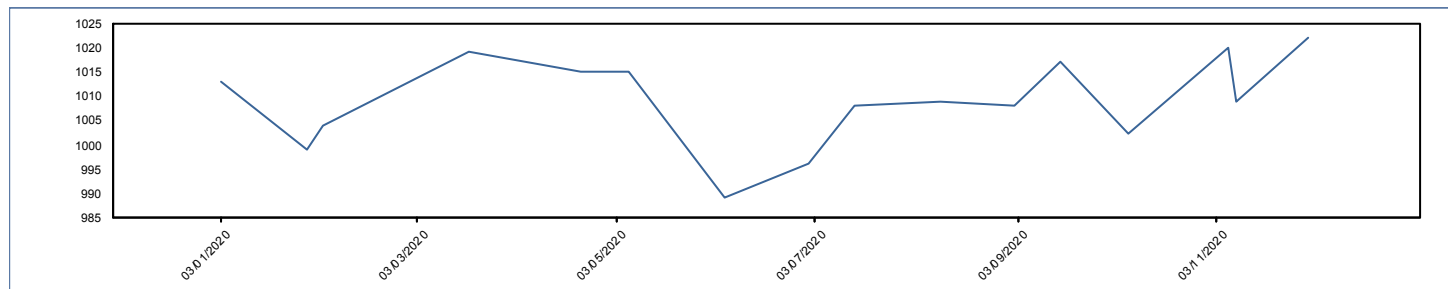
GW48

Number of readings

16

Number of breaches

0



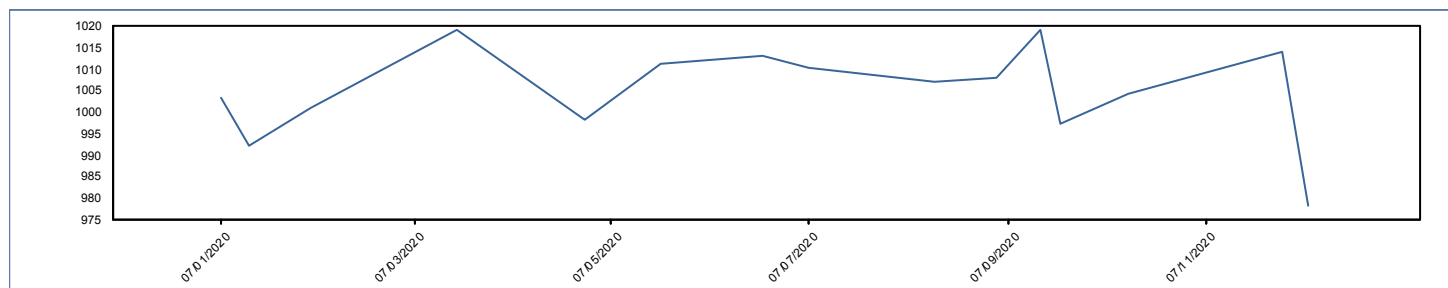
GW56

Number of readings

17

Number of breaches

0



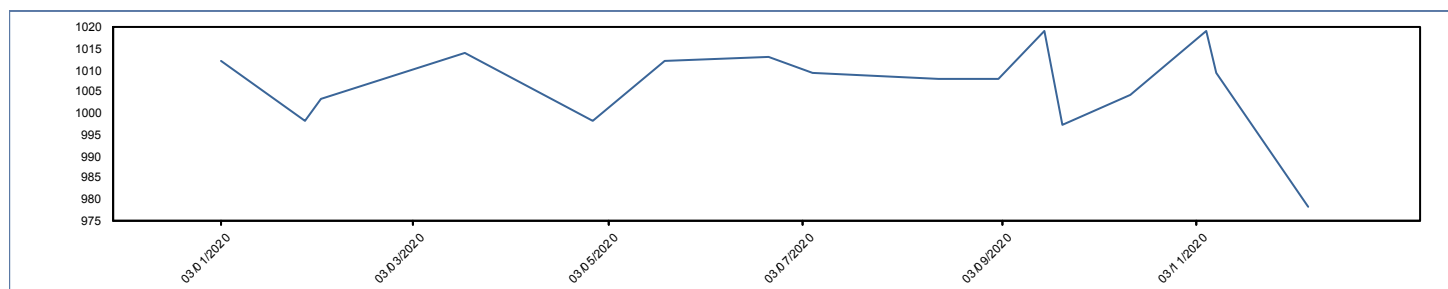
GW57

Number of readings

30

Number of breaches

0



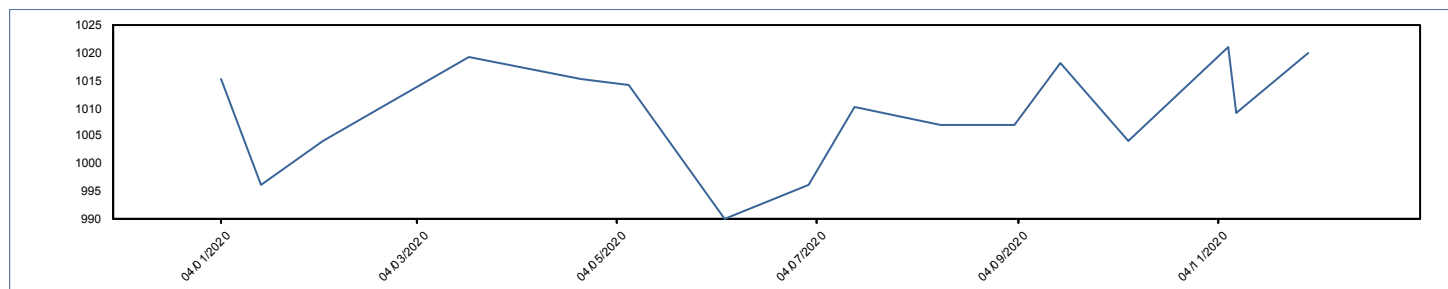
GW88

Number of readings

16

Number of breaches

0



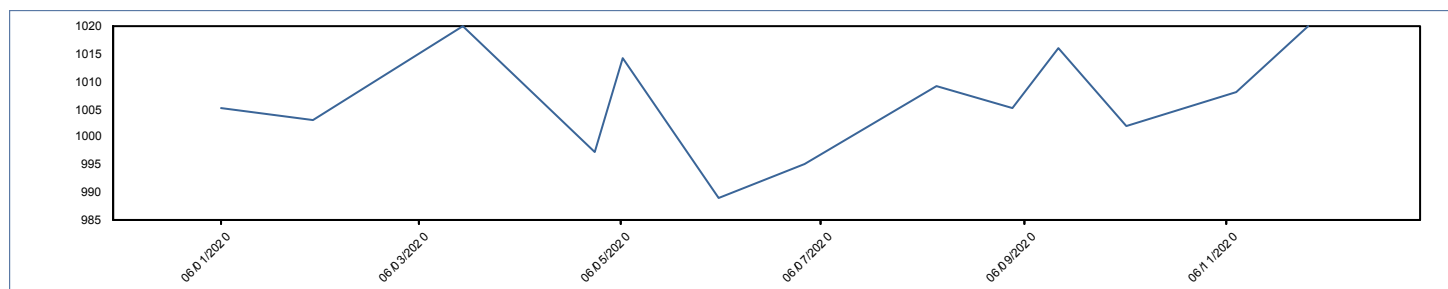
LC005A

Number of readings

29

Number of breaches

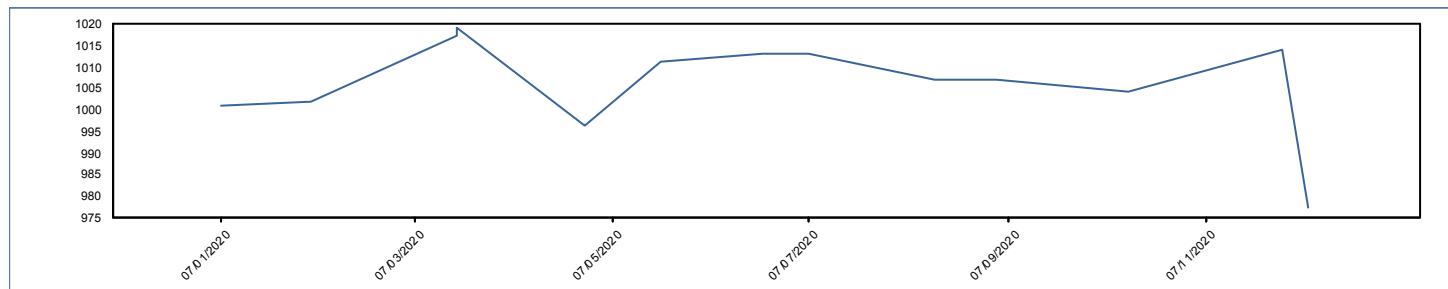
0



Data from: 1 Jan 2020 to: 31 Dec 2020

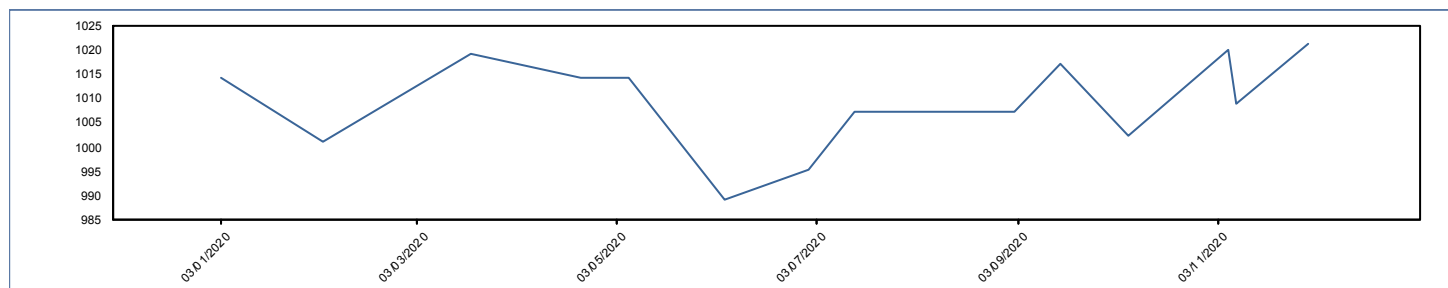
LC01B

Number of readings 24 Number of breaches 0



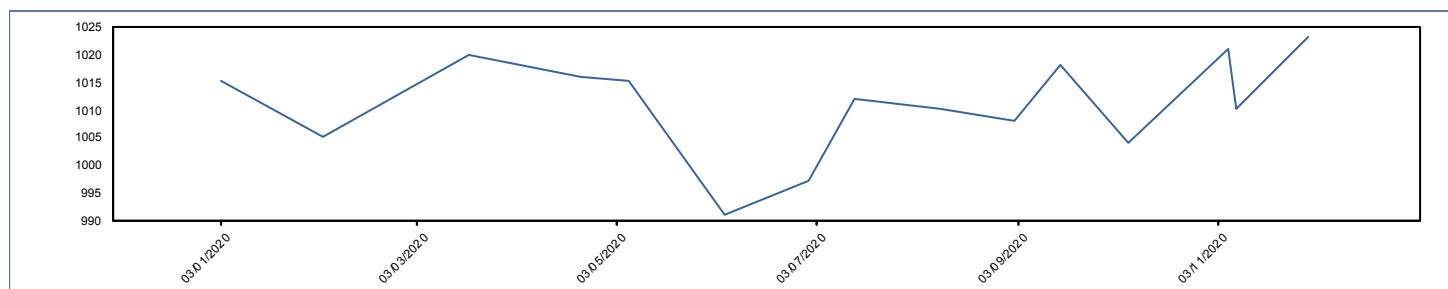
LM04B

Number of readings 28 Number of breaches 0



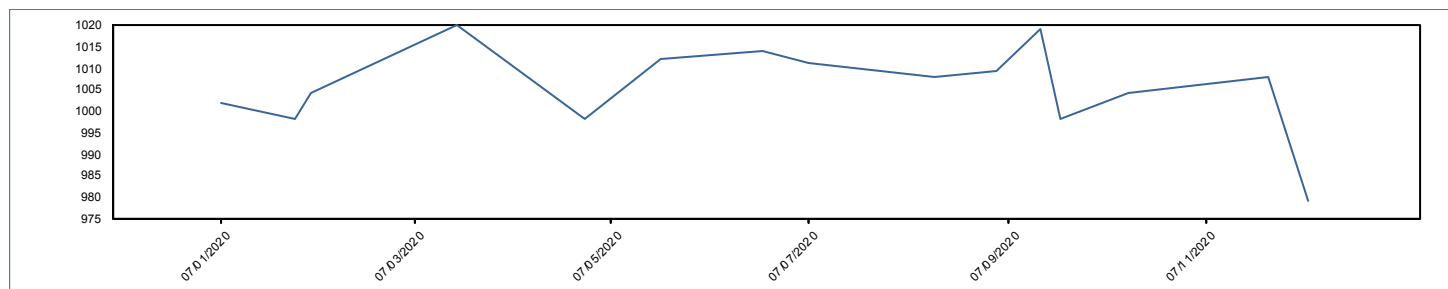
LM07B

Number of readings 25 Number of breaches 0



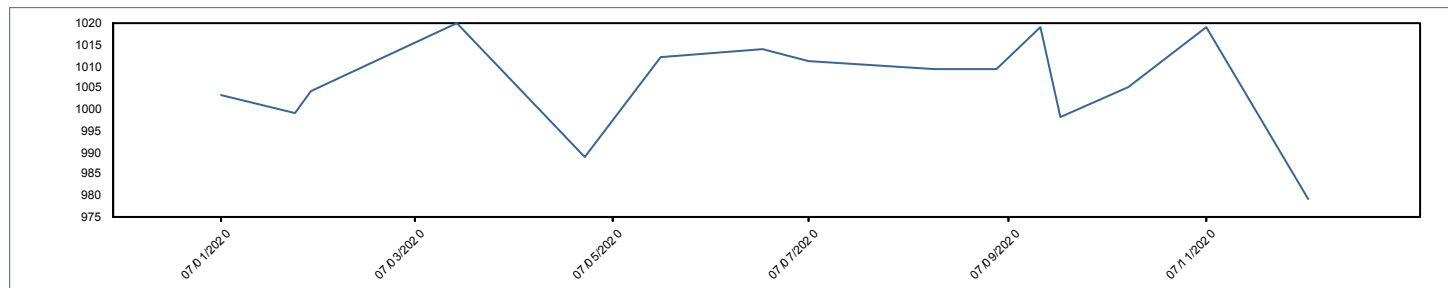
PBLFGXGW01

Number of readings 15 Number of breaches 0



PBLFGXGW03

Number of readings 19 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

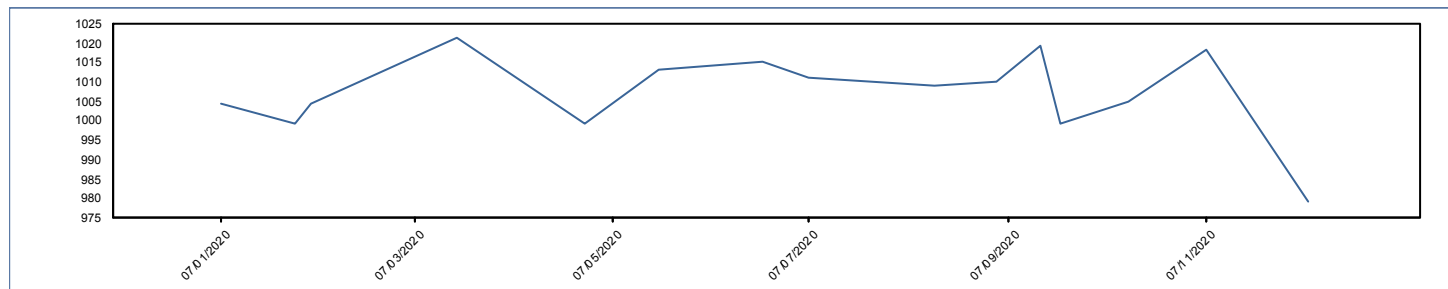
PBLFGXGW07

Number of readings

17

Number of breaches

0



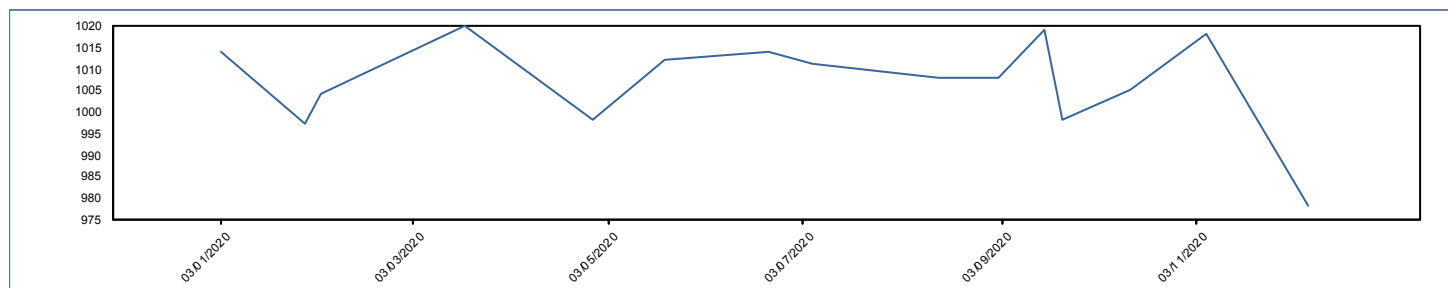
PBLFGXGW18

Number of readings

15

Number of breaches

0



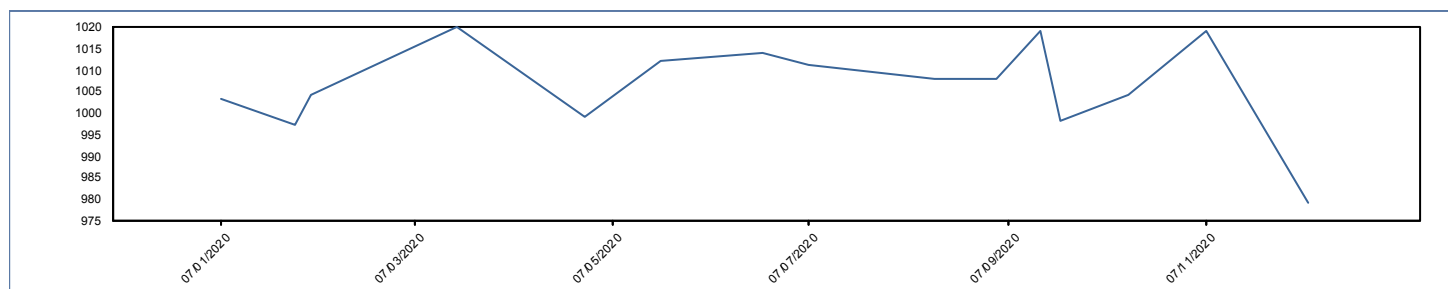
PBLFGXGW28

Number of readings

29

Number of breaches

0



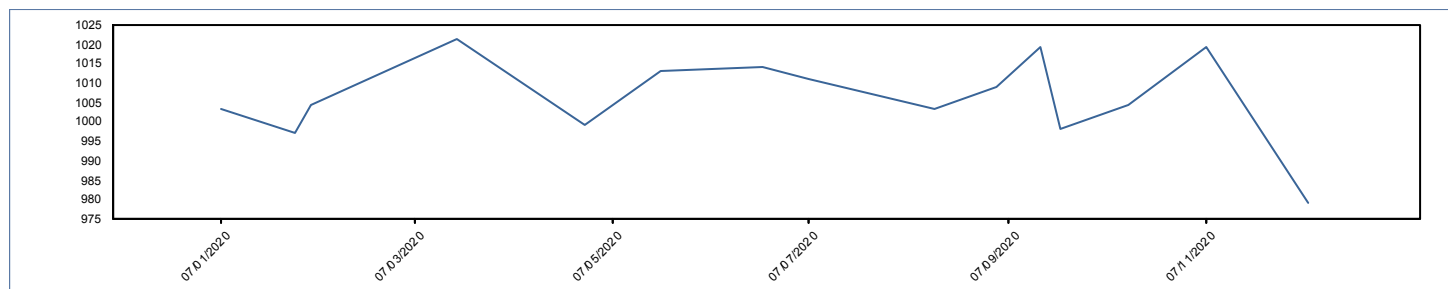
PBLFGXGW29

Number of readings

28

Number of breaches

0



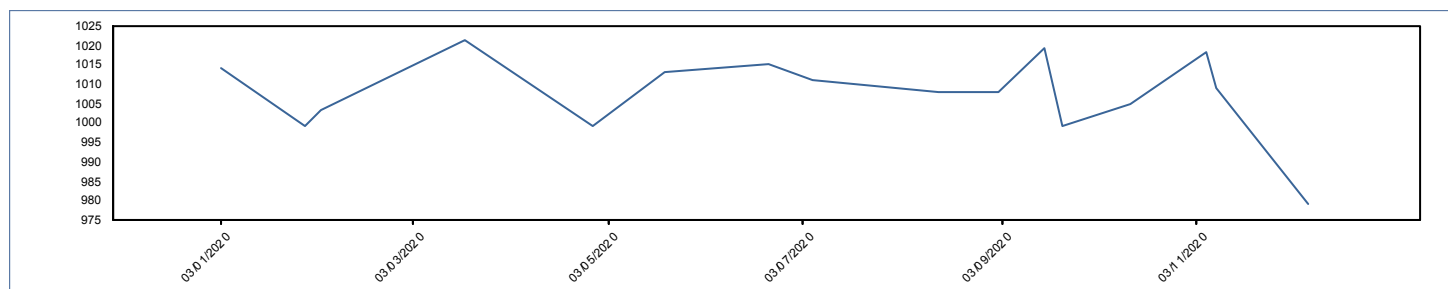
PBLFGXGW30

Number of readings

16

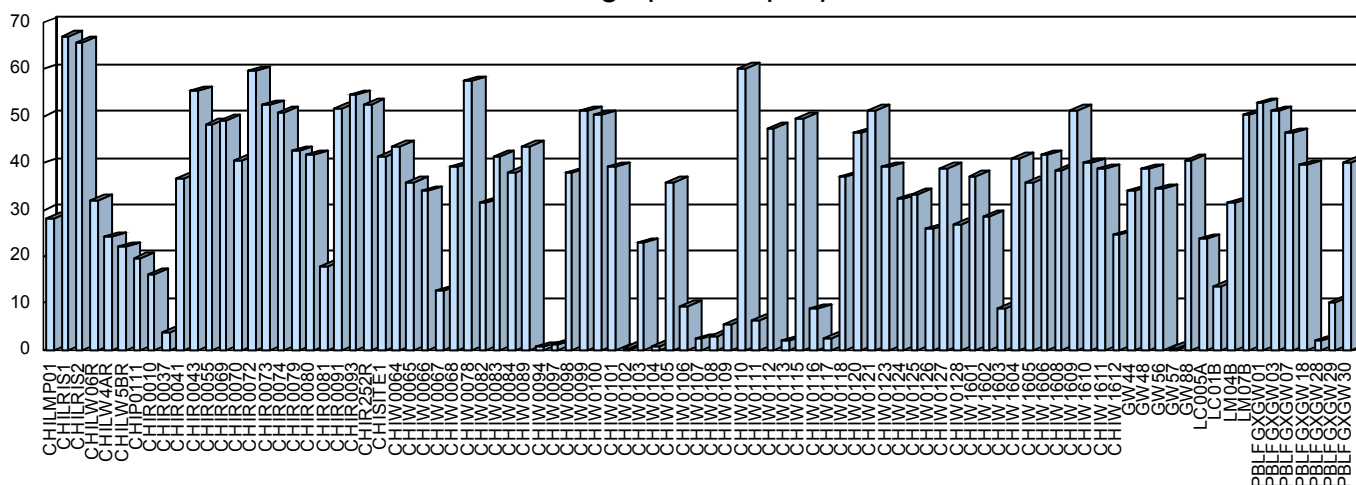
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.10	59.20	28.22	395.10	17.23	296.93	59.20
CHILRIS1	1	0	67.10	67.10	67.10	67.10	0.00	0.00	67.10
CHILRIS2	5	0	60.50	69.90	65.82	329.10	3.39	11.49	69.90
CHILW06R	28	0	0.10	69.60	32.16	900.40	27.06	732.14	69.40
CHILW4AR	27	0	0.30	60.80	24.08	650.20	20.63	425.77	60.50
CHILW5BR	29	0	0.20	70.50	22.09	640.70	19.62	384.75	67.75
CHIP0111	30	0	1.10	74.90	19.61	588.20	18.69	349.26	72.40
CHIR0010	30	0	0.50	53.00	16.23	487.00	14.35	205.83	52.90
CHIR0037	31	0	0.70	13.50	3.91	121.20	4.01	16.09	13.50
CHIR0041	16	0	32.10	43.50	36.75	588.00	2.77	7.66	43.50
CHIR0043	15	0	42.70	62.10	55.37	830.60	4.07	16.54	62.10
CHIR0055	15	0	40.40	56.60	48.31	724.70	4.64	21.53	56.60
CHIR0069	15	0	43.90	54.80	49.20	738.00	3.31	10.98	54.80
CHIR0070	15	0	34.40	44.10	40.47	607.10	2.70	7.28	44.10
CHIR0072	16	0	53.60	68.90	59.51	952.20	3.98	15.81	68.90
CHIR0073	18	0	24.20	64.60	52.36	942.50	12.29	151.03	64.60
CHIR0074	15	0	42.90	58.10	50.92	763.80	3.38	11.39	58.10
CHIR0079	15	0	37.80	53.00	42.52	637.80	4.43	19.58	53.00
CHIR0080	23	0	3.30	75.00	41.68	958.70	24.77	613.52	74.40

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0081	35	0	2.50	54.10	17.91	627.00	16.48	271.49	54.00
CHIR0091	17	0	23.40	61.30	51.68	878.50	8.05	64.84	61.30
CHIR0093	17	0	41.80	60.60	54.42	925.10	5.87	34.41	60.60
CHIR252R	14	0	37.10	65.40	52.45	734.30	8.83	77.94	65.40
CHISITE1	57	0	33.00	48.50	41.37	2,358.20	3.29	10.84	47.75
CHIW0064	15	0	32.70	57.50	43.61	654.20	6.80	46.19	57.50
CHIW0065	14	0	30.40	42.40	35.97	503.60	2.58	6.68	42.40
CHIW0066	16	0	28.20	39.50	33.98	543.60	2.82	7.93	39.50
CHIW0067	37	0	5.50	23.50	12.65	468.00	4.75	22.59	23.20
CHIW0068	16	0	28.70	43.90	39.03	624.40	4.55	20.70	43.90
CHIW0078	20	0	31.80	69.20	57.51	1,150.20	12.35	152.58	69.10
CHIW0082	19	0	25.70	42.00	31.34	595.50	4.81	23.14	42.00
CHIW0083	16	0	29.20	52.70	41.36	661.80	6.19	38.34	52.70
CHIW0084	14	0	22.70	51.70	37.94	531.10	8.83	77.95	51.70
CHIW0089	16	0	35.50	46.80	43.64	698.20	2.76	7.63	46.80
CHIW0094	34	0	0.00	4.90	0.61	20.60	0.90	0.82	3.50
CHIW0097	34	0	0.00	21.30	1.18	40.20	3.57	12.73	12.35
CHIW0098	16	0	15.50	62.00	37.75	604.00	12.04	144.87	62.00
CHIW0099	16	0	35.50	61.70	51.09	817.50	6.23	38.84	61.70
CHIW0100	22	0	27.20	65.90	50.28	1,106.10	12.18	148.41	65.60
CHIW0101	16	0	27.40	51.10	39.15	626.40	6.87	47.24	51.10
CHIW0102	39	0	0.00	1.50	0.43	16.90	0.40	0.16	1.20
CHIW0103	24	0	0.10	45.50	22.92	550.10	13.65	186.20	45.50
CHIW0104	30	0	0.00	2.40	0.91	27.40	0.71	0.50	2.35
CHIW0105	24	0	13.50	65.50	35.89	861.40	19.04	362.56	64.65
CHIW0106	26	0	0.30	28.50	9.38	243.90	10.77	115.99	28.35
CHIW0107	25	0	0.10	29.30	2.35	58.80	5.84	34.05	18.95
CHIW0108	25	0	0.00	21.00	3.13	78.30	5.38	28.93	20.25
CHIW0109	25	0	0.10	33.30	5.72	142.90	8.15	66.40	31.40

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0110	15	0	53.60	69.00	60.13	902.00	3.55	12.63	69.00
CHIW0111	28	0	1.80	28.60	6.54	183.20	6.02	36.26	23.50
CHIW0112	15	0	35.60	60.00	47.37	710.60	5.23	27.32	60.00
CHIW0113	20	0	0.80	3.70	2.03	40.50	0.94	0.88	3.65
CHIW0115	16	0	43.00	56.90	49.64	794.30	4.31	18.59	56.90
CHIW0116	26	0	2.60	12.60	8.75	227.40	2.06	4.23	11.90
CHIW0117	32	0	1.30	3.80	2.49	79.70	0.71	0.50	3.70
CHIW0118	16	0	31.80	44.60	36.94	591.00	3.49	12.18	44.60
CHIW0120	14	0	30.20	61.40	46.28	647.90	9.36	87.66	61.40
CHIW0121	15	0	39.40	65.70	51.28	769.20	7.61	57.98	65.70
CHIW0123	18	0	26.70	57.10	39.04	702.80	8.26	68.26	57.10
CHIW0124	17	0	23.40	43.50	32.21	547.50	6.04	36.45	43.50
CHIW0125	20	0	9.40	56.90	33.31	666.20	14.68	215.58	56.35
CHIW0126	17	0	1.70	58.70	25.84	439.30	19.92	396.80	58.70
CHIW0127	15	0	28.60	51.00	38.82	582.30	7.57	57.34	51.00
CHIW0128	19	0	8.30	50.90	26.97	512.50	13.23	174.96	50.90
CHIW1601	15	0	22.10	50.40	37.08	556.20	8.18	66.88	50.40
CHIW1602	25	0	7.40	58.90	28.73	718.20	17.17	294.69	58.40
CHIW1603	8	0	0.10	49.70	9.10	72.80	16.97	288.13	49.70
CHIW1604	17	0	30.00	53.90	40.99	696.80	7.41	54.87	53.90
CHIW1605	16	0	27.40	39.40	35.99	575.90	3.40	11.57	39.40
CHIW1606	16	0	28.90	56.00	41.66	666.50	7.73	59.73	56.00
CHIW1608	15	0	30.70	43.00	38.39	575.80	3.52	12.38	43.00
CHIW1609	20	0	33.00	64.30	51.15	1,023.00	10.42	108.60	63.95
CHIW1610	15	0	25.40	51.70	39.97	599.60	7.39	54.56	51.70
CHIW1611	16	0	33.30	43.60	38.73	619.60	2.49	6.19	43.60
CHIW1612	24	0	3.50	59.00	24.64	591.40	15.78	249.07	57.20
GW44	14	0	30.00	39.20	34.04	476.50	2.11	4.44	39.20
GW48	16	0	28.40	59.60	38.71	619.30	9.21	84.79	59.60

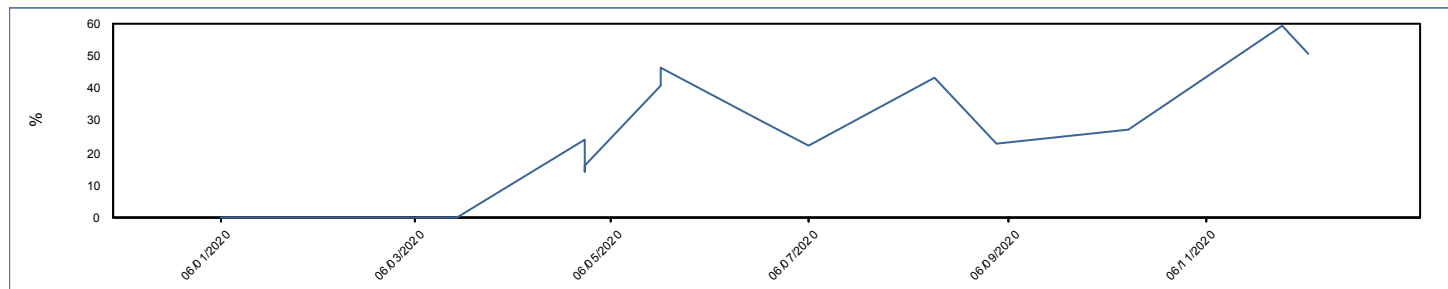
Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
GW56	17	0	21.90	60.60	34.42	585.10	11.87	140.91	60.60
GW57	30	0	0.00	0.90	0.43	12.80	0.33	0.11	0.90
GW88	16	0	35.80	48.30	40.55	648.80	3.93	15.43	48.30
LC005A	29	0	0.10	67.00	23.75	688.70	21.84	477.10	66.20
LC01B	24	0	1.80	70.80	13.80	331.30	16.32	266.42	61.15
LM04B	28	0	0.10	57.30	31.42	879.80	24.11	581.35	57.05
LM07B	25	0	0.20	74.60	50.19	1,254.70	20.22	408.70	74.30
PBLFGXGW01	15	0	42.40	62.40	52.67	790.00	4.99	24.93	62.40
PBLFGXGW03	19	0	27.90	67.10	51.09	970.70	11.34	128.51	67.10
PBLFGXGW07	17	0	6.70	61.80	46.39	788.70	14.66	214.88	61.80
PBLFGXGW18	15	0	26.80	49.80	39.59	593.80	6.91	47.71	49.80
PBLFGXGW28	29	0	0.00	16.10	2.05	59.50	4.25	18.04	15.30
PBLFGXGW29	28	0	0.10	58.70	10.31	288.80	16.38	268.38	53.05
PBLFGXGW30	16	0	32.10	47.20	40.08	641.30	4.23	17.92	47.20
Total	1,865	0	0.00	75.00	28.84	53,792.60	21.28	452.68	61.00

Data from: 1 Jan 2020 to: 31 Dec 2020

CHILMP01

Number of readings 14 Number of breaches 0



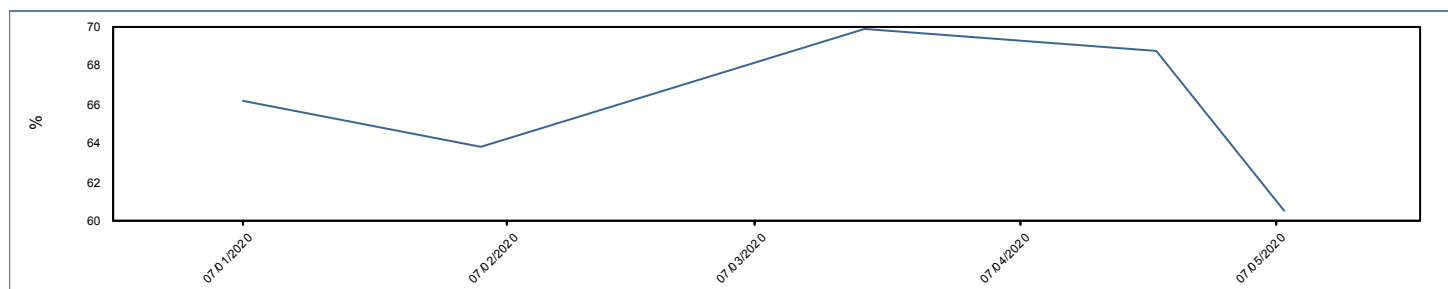
CHILRIS1

Number of readings 1 Number of breaches 0



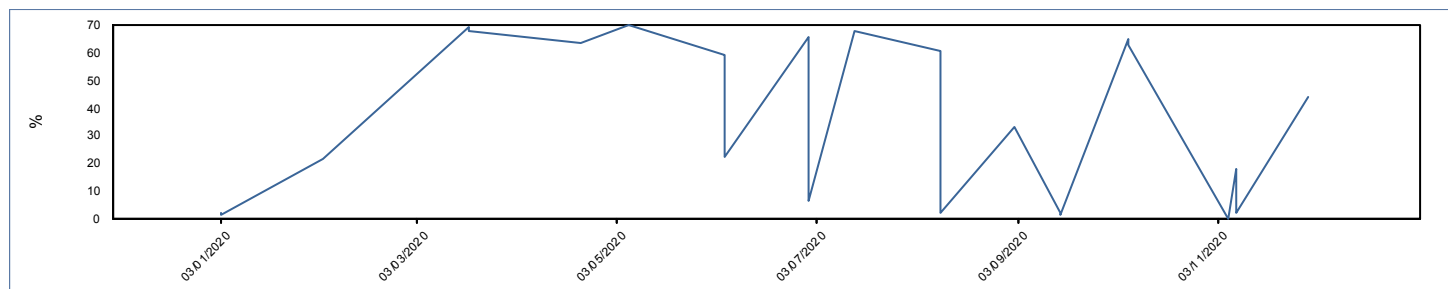
CHILRIS2

Number of readings 5 Number of breaches 0



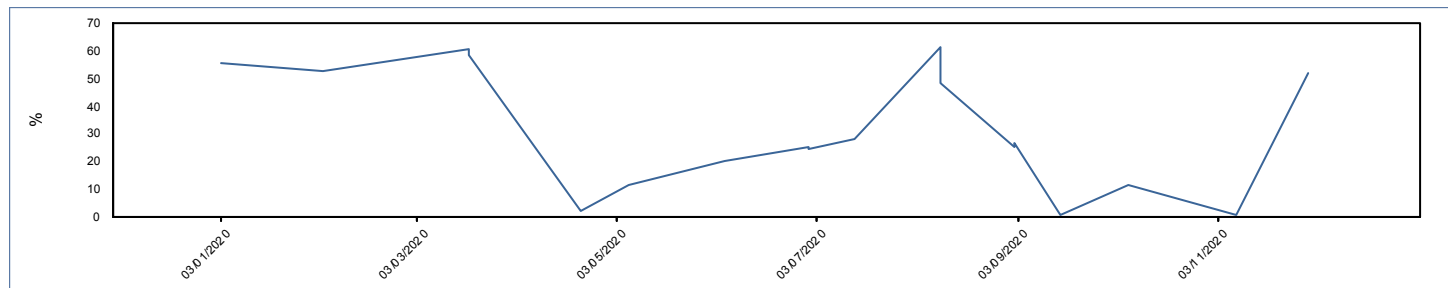
CHILW06R

Number of readings 28 Number of breaches 0



CHILW4AR

Number of readings 27 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

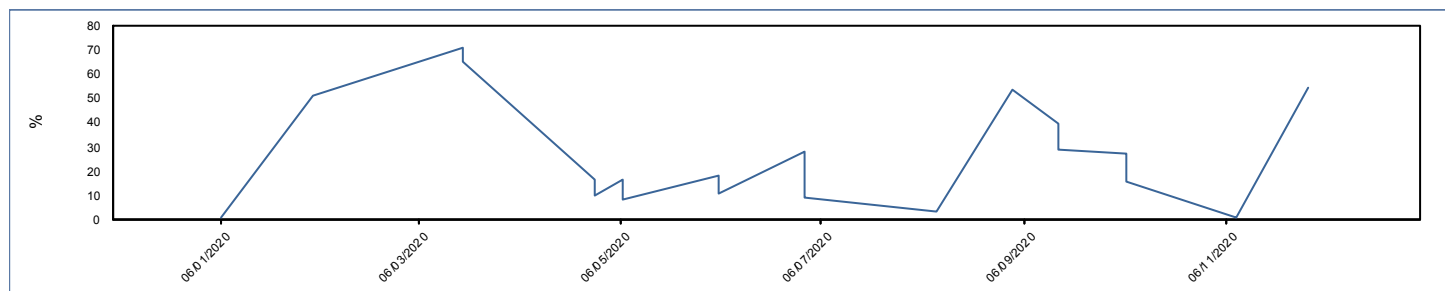
CHILW5BR

Number of readings

29

Number of breaches

0



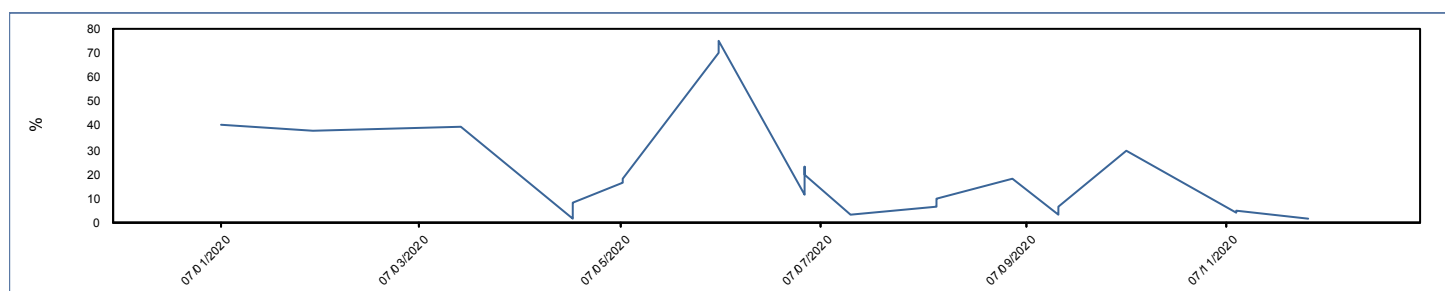
CHIP0111

Number of readings

30

Number of breaches

0



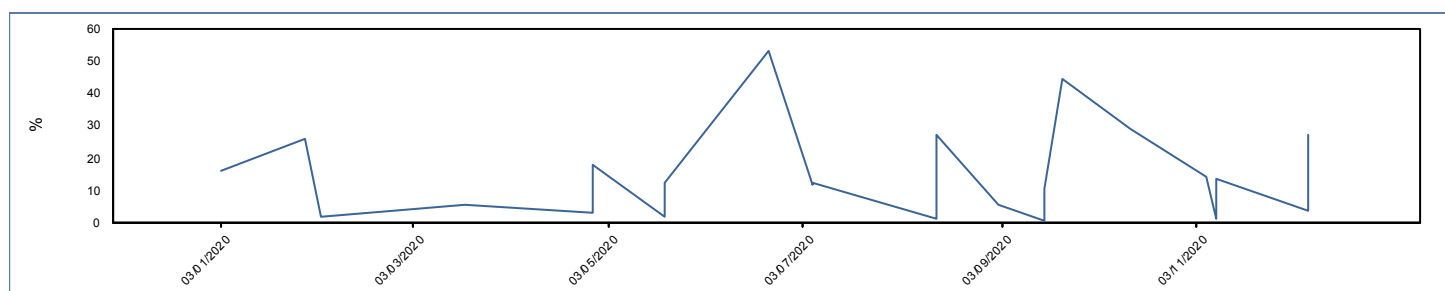
CHIR0010

Number of readings

30

Number of breaches

0



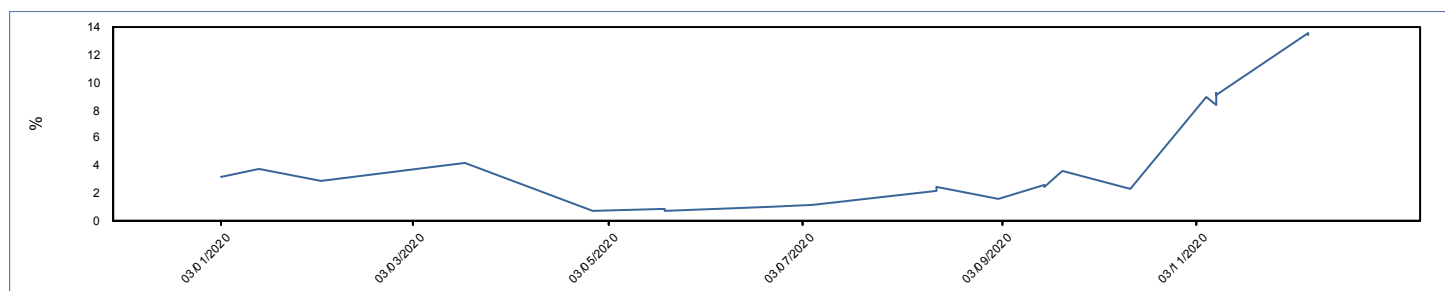
CHIR0037

Number of readings

31

Number of breaches

0



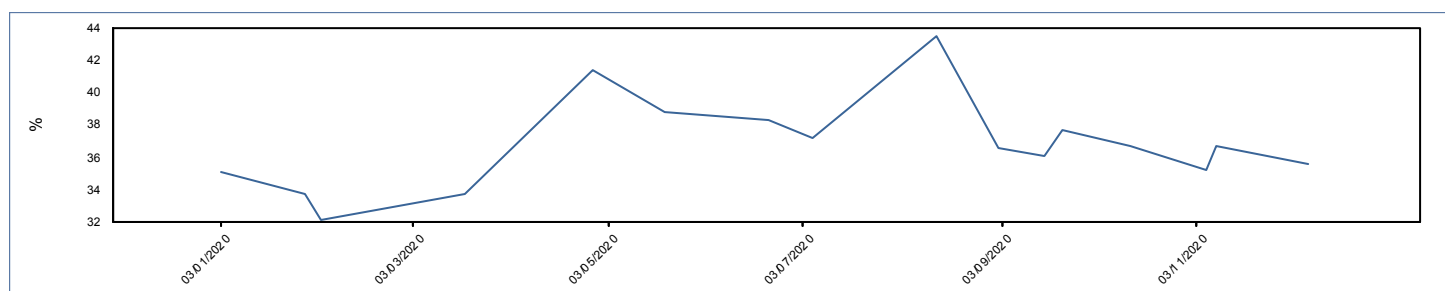
CHIR0041

Number of readings

16

Number of breaches

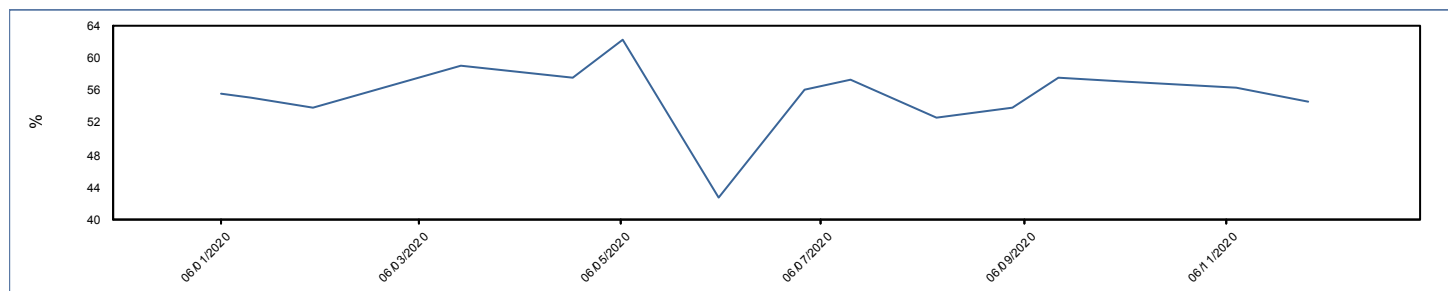
0



Data from: 1 Jan 2020 to: 31 Dec 2020

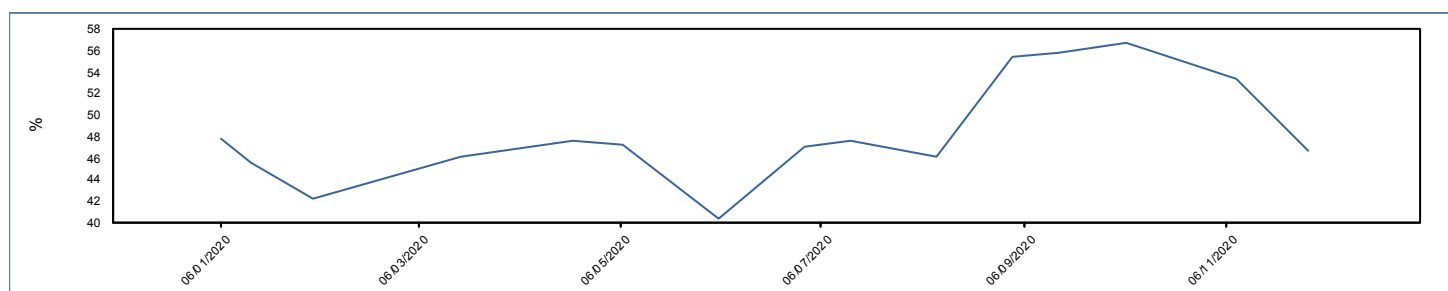
CHIR0043

Number of readings 15 Number of breaches 0



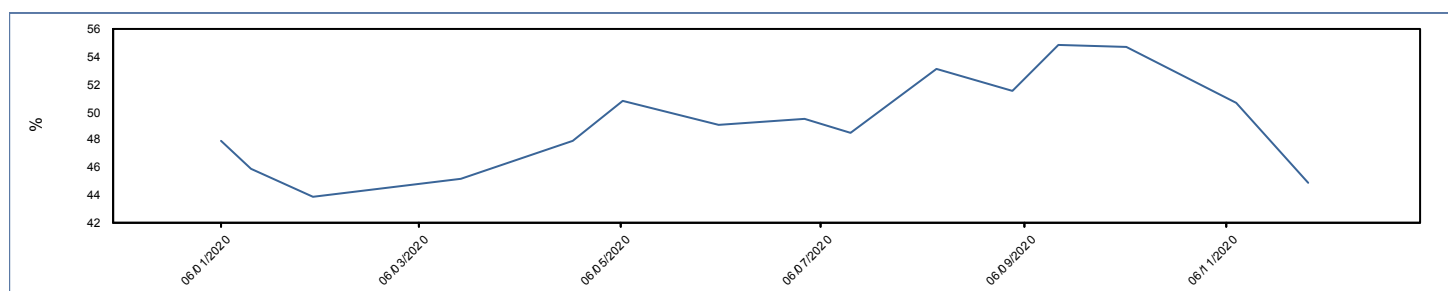
CHIR0055

Number of readings 15 Number of breaches 0



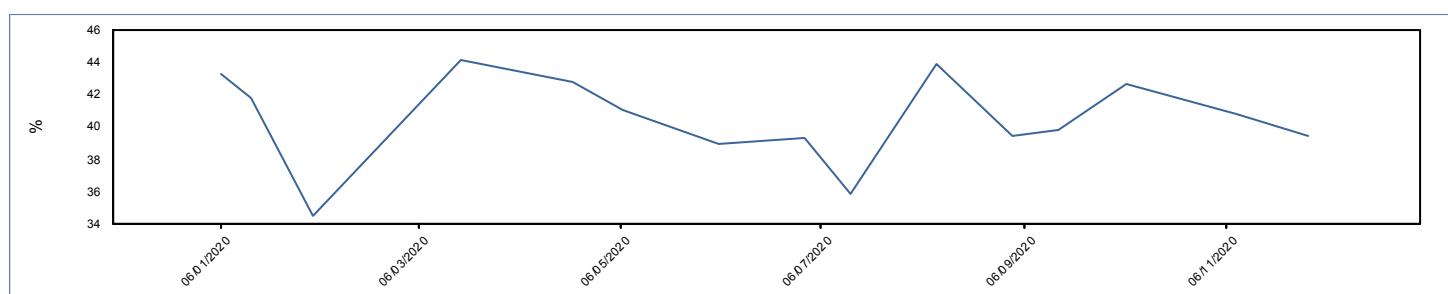
CHIR0069

Number of readings 15 Number of breaches 0



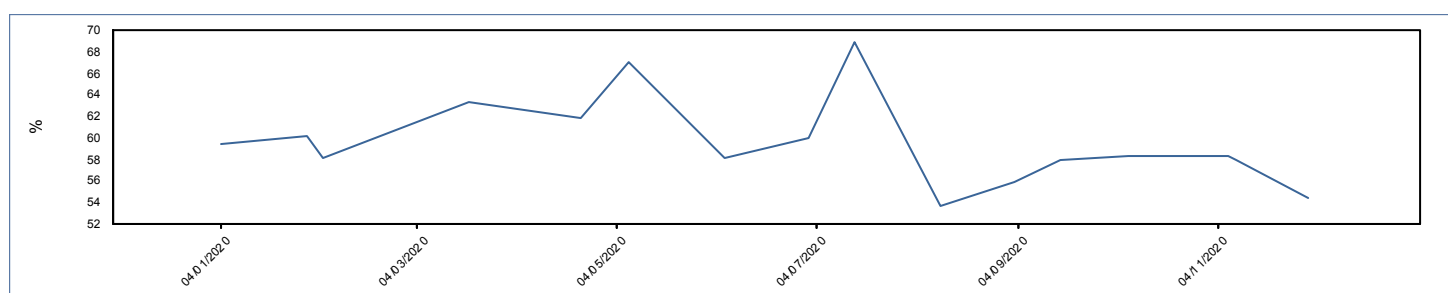
CHIR0070

Number of readings 15 Number of breaches 0



CHIR0072

Number of readings 16 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

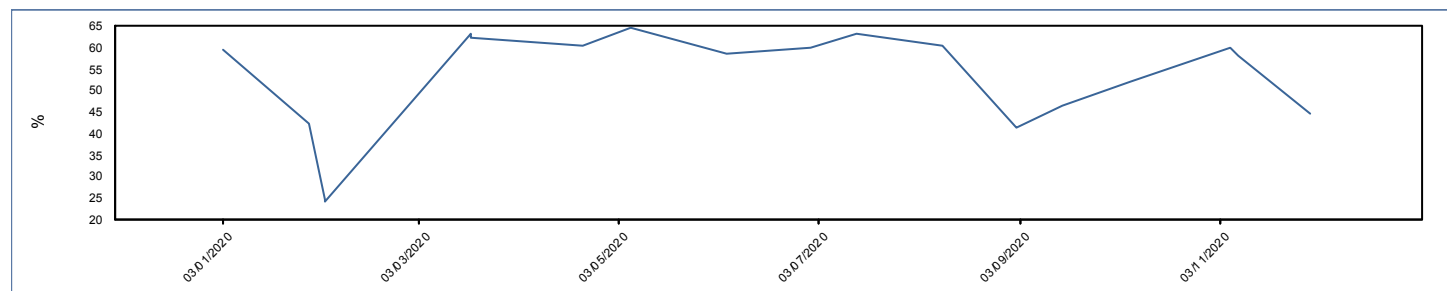
CHIR0073

Number of readings

18

Number of breaches

0



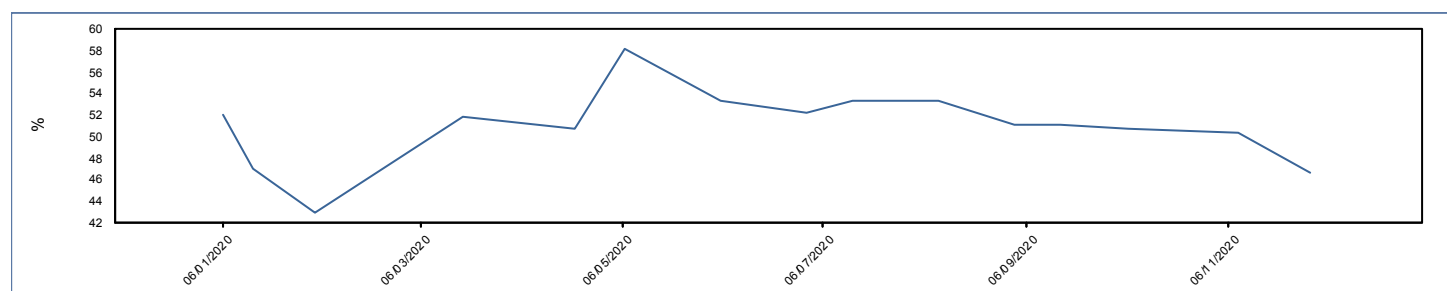
CHIR0074

Number of readings

15

Number of breaches

0



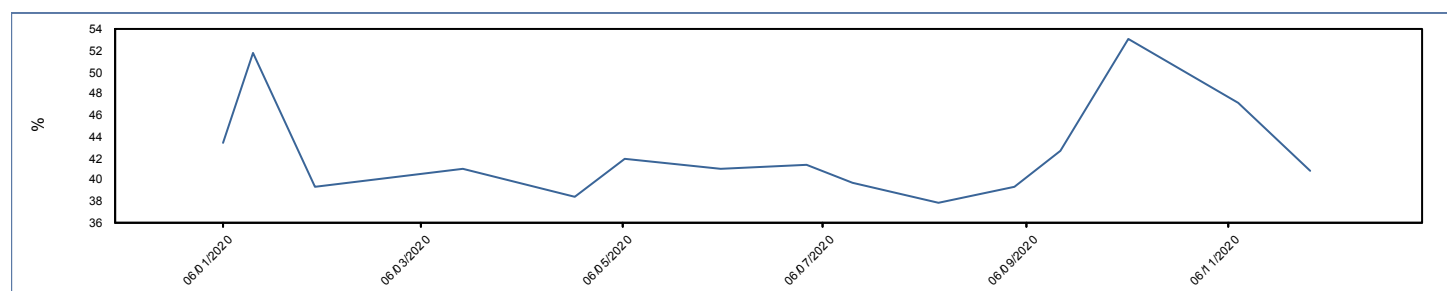
CHIR0079

Number of readings

15

Number of breaches

0



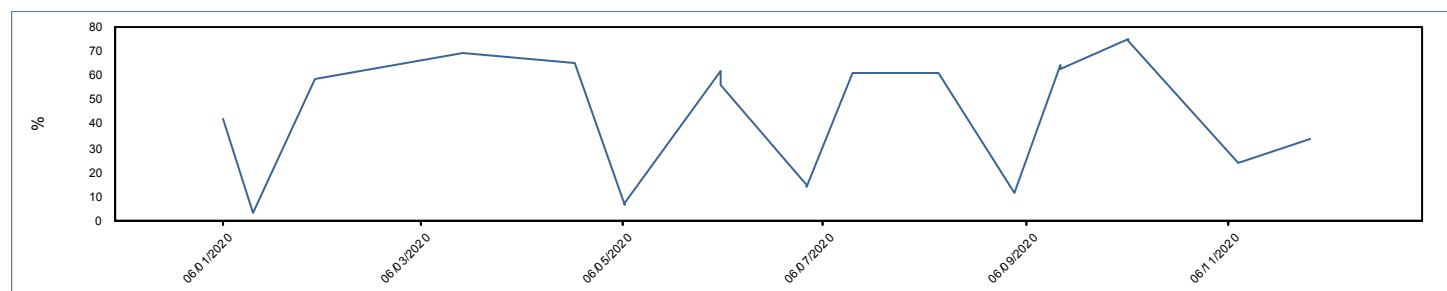
CHIR0080

Number of readings

23

Number of breaches

0



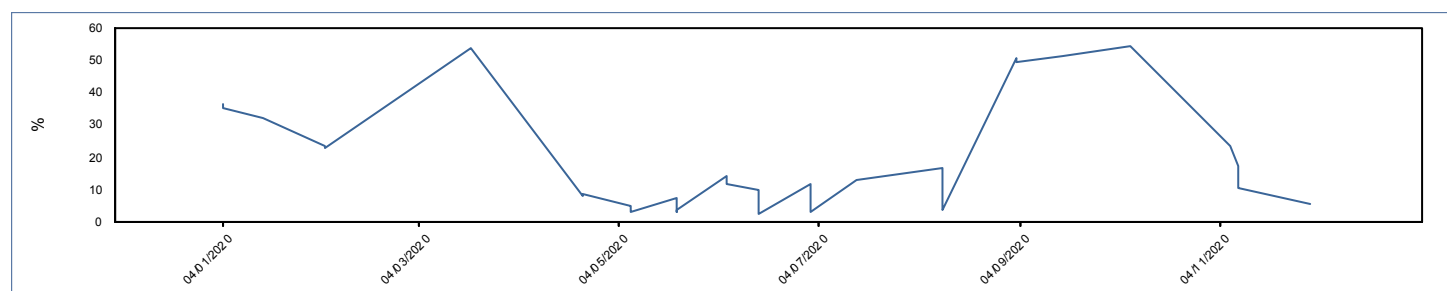
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

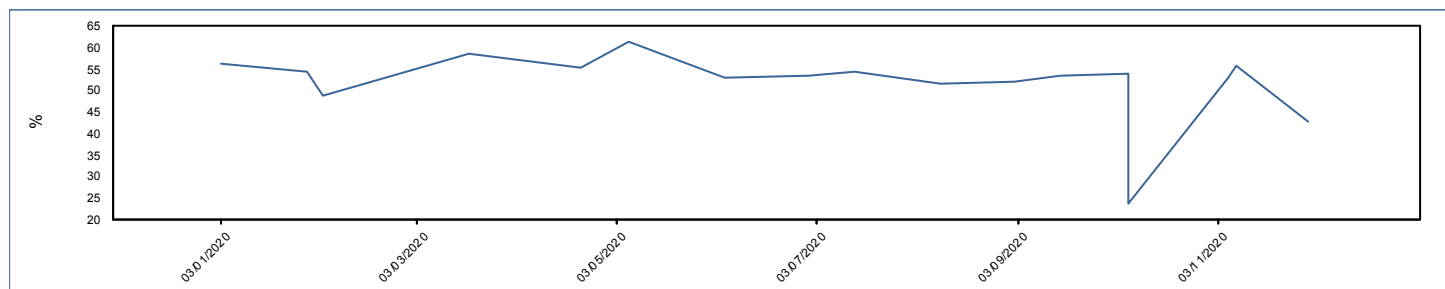
CHIR0091

Number of readings

17

Number of breaches

0



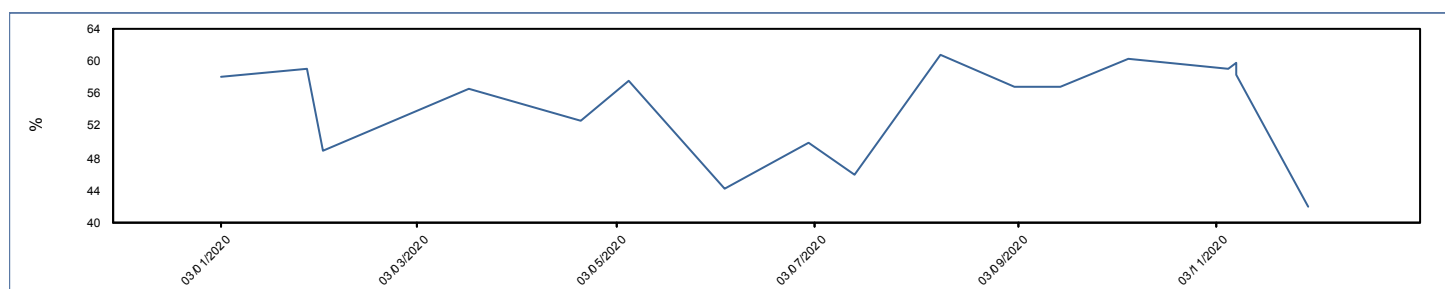
CHIR0093

Number of readings

17

Number of breaches

0



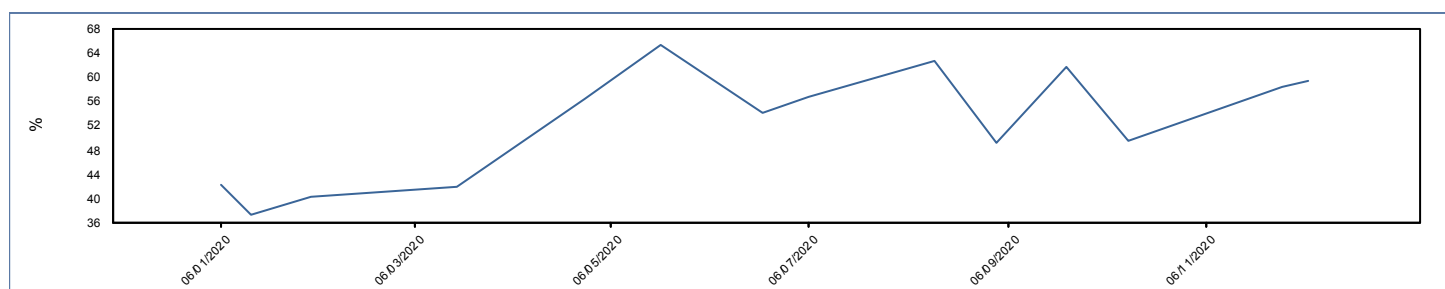
CHIR252R

Number of readings

14

Number of breaches

0



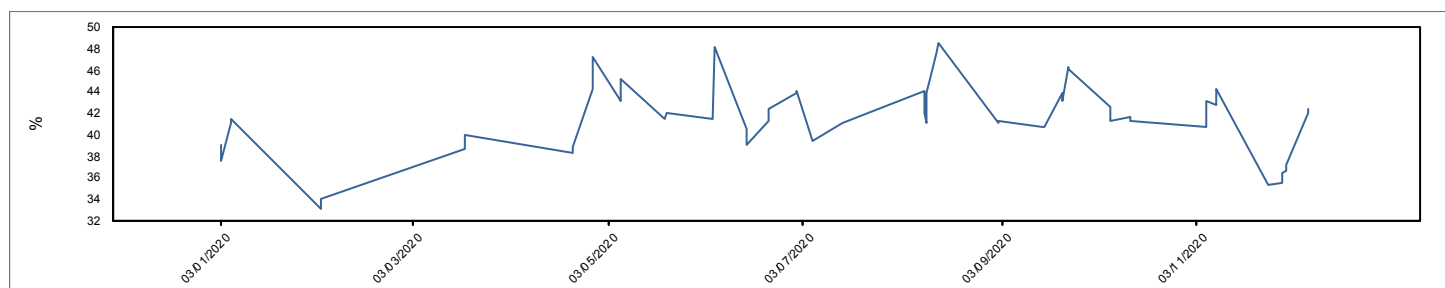
CHISITE1

Number of readings

57

Number of breaches

0



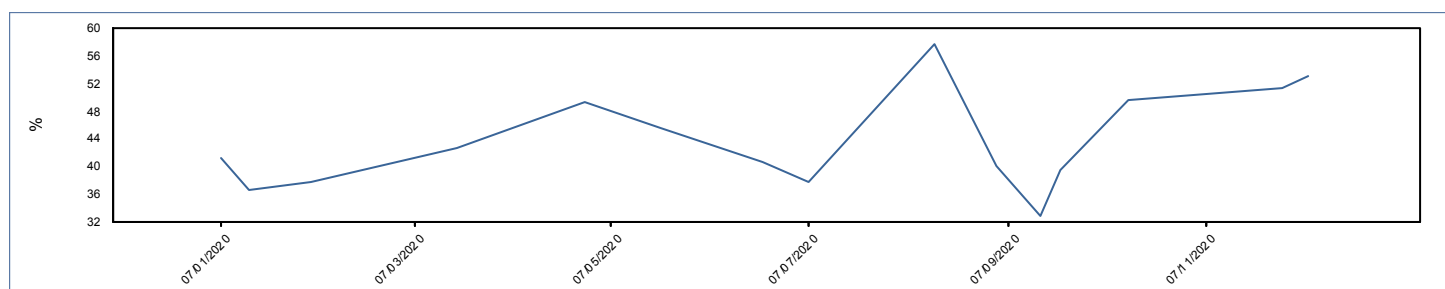
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

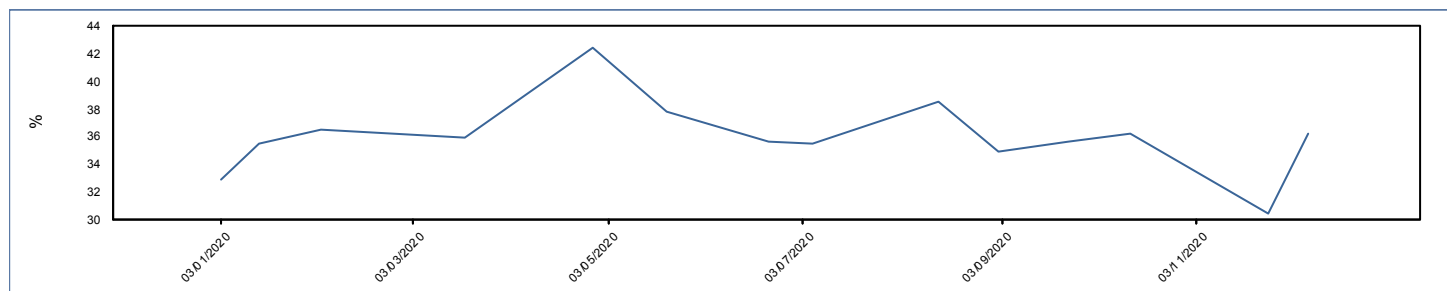
CHI0065

Number of readings

14

Number of breaches

0



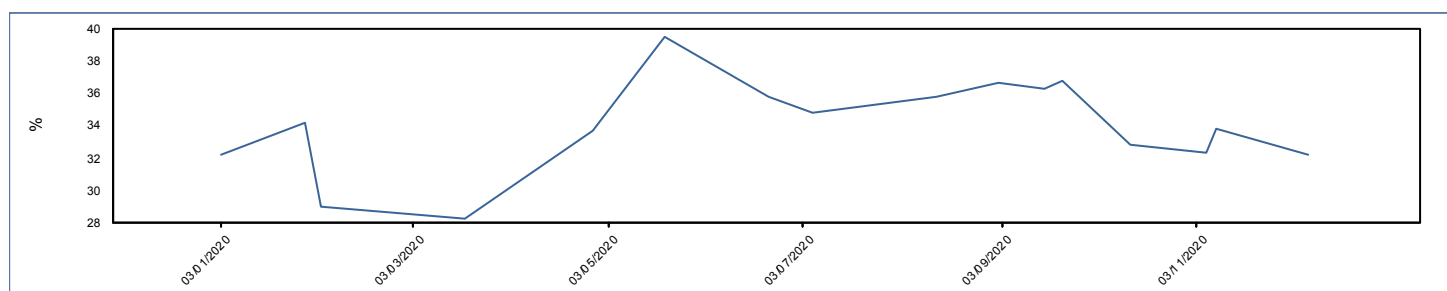
CHI0066

Number of readings

16

Number of breaches

0



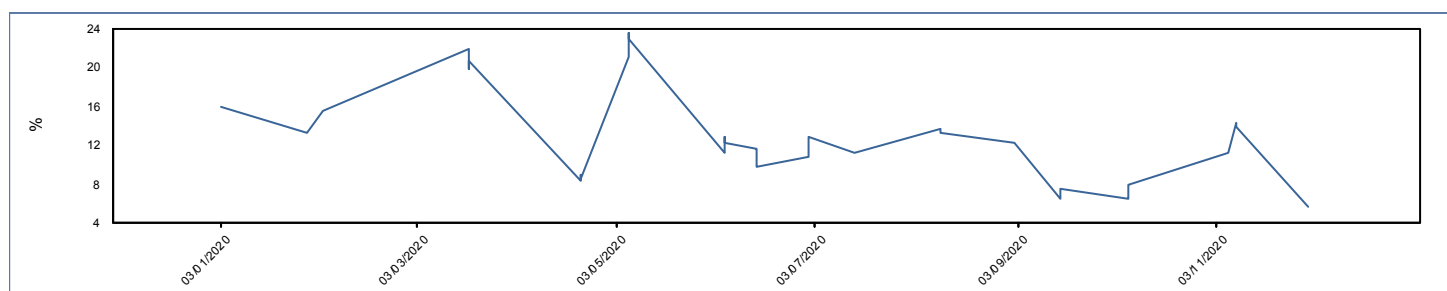
CHI0067

Number of readings

37

Number of breaches

0



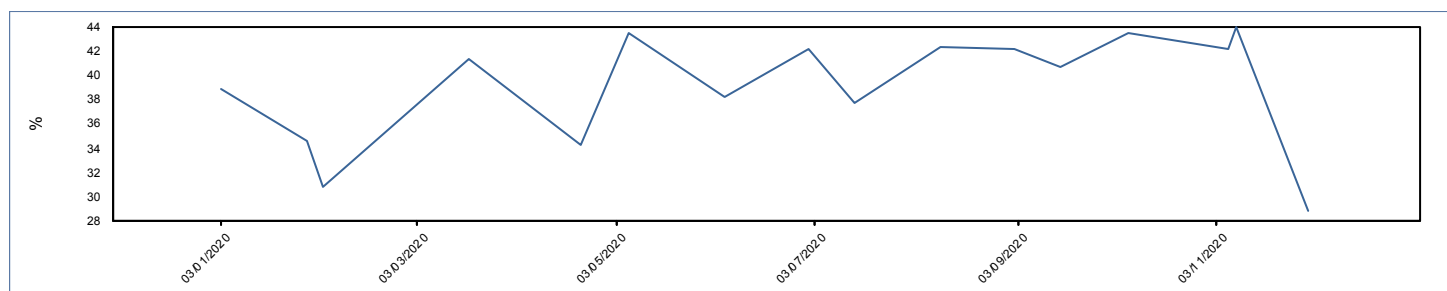
CHI0068

Number of readings

16

Number of breaches

0



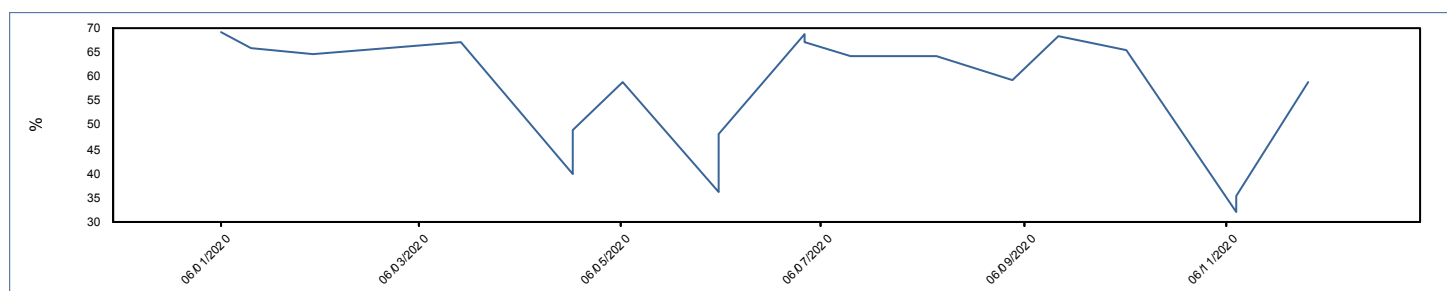
CHI0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

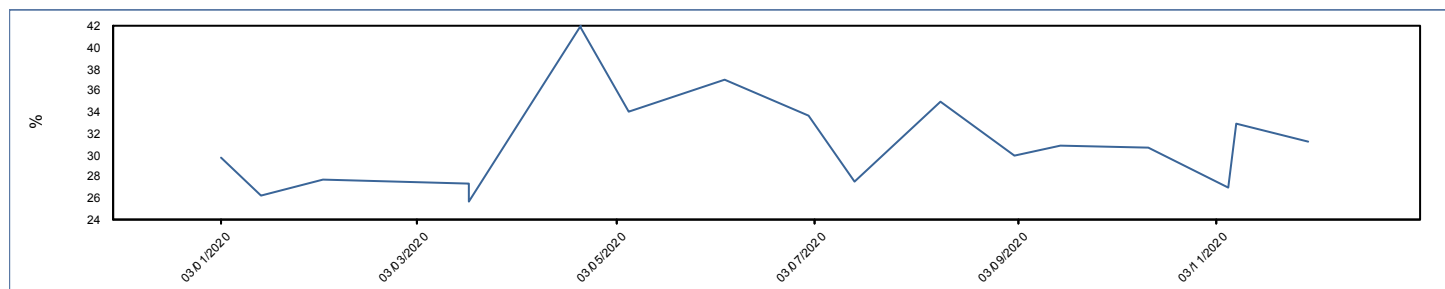
CHI0082

Number of readings

19

Number of breaches

0



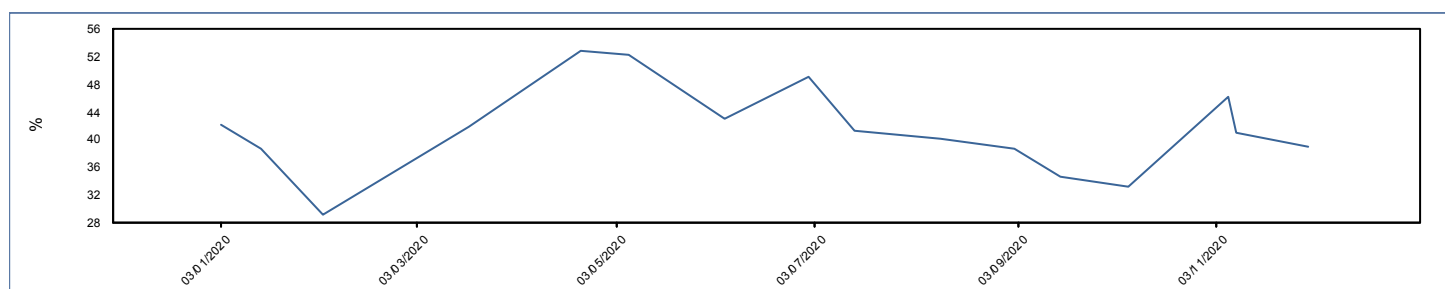
CHI0083

Number of readings

16

Number of breaches

0



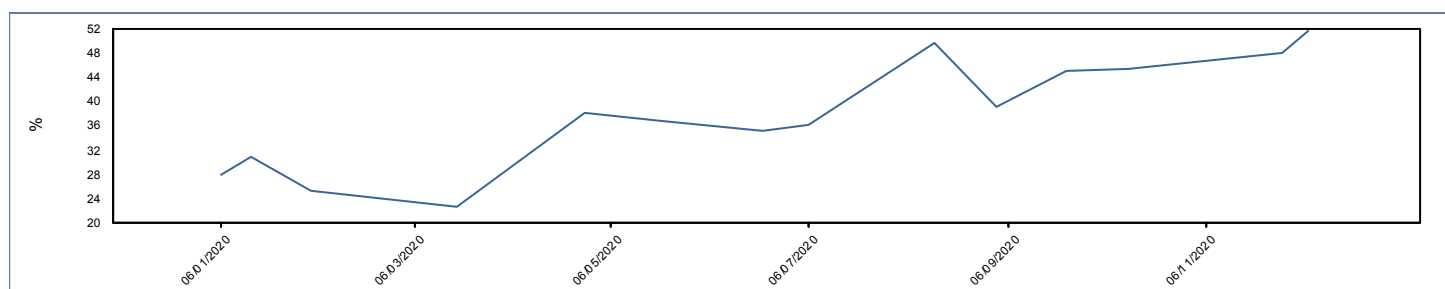
CHI0084

Number of readings

14

Number of breaches

0



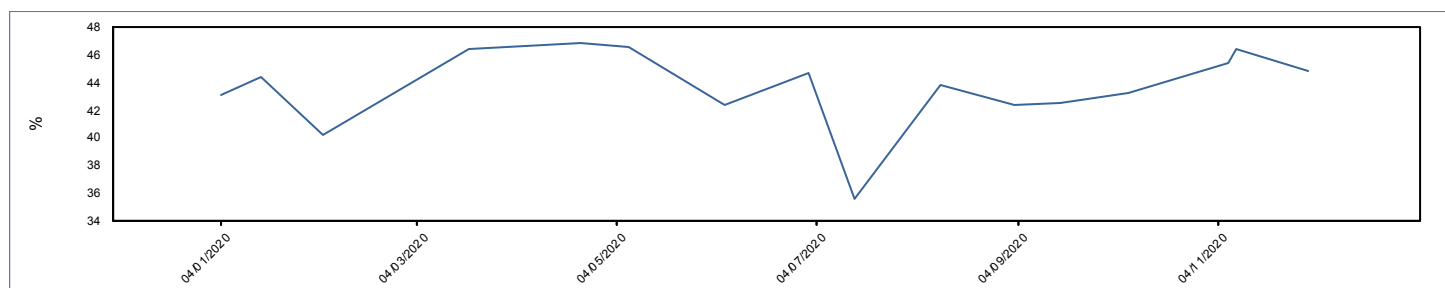
CHI0089

Number of readings

16

Number of breaches

0



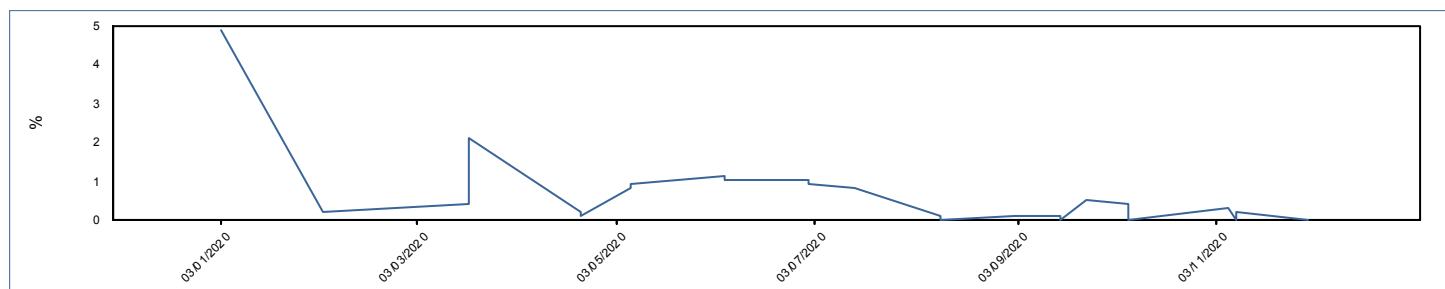
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

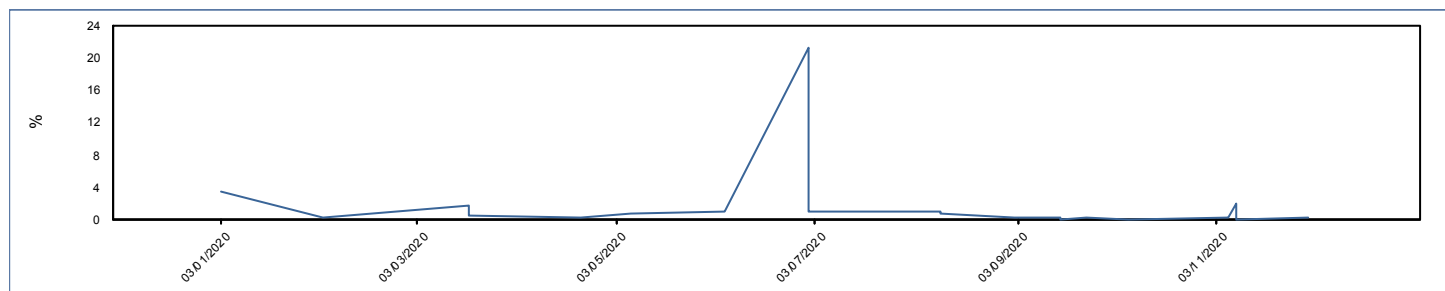
CHI0097

Number of readings

34

Number of breaches

0



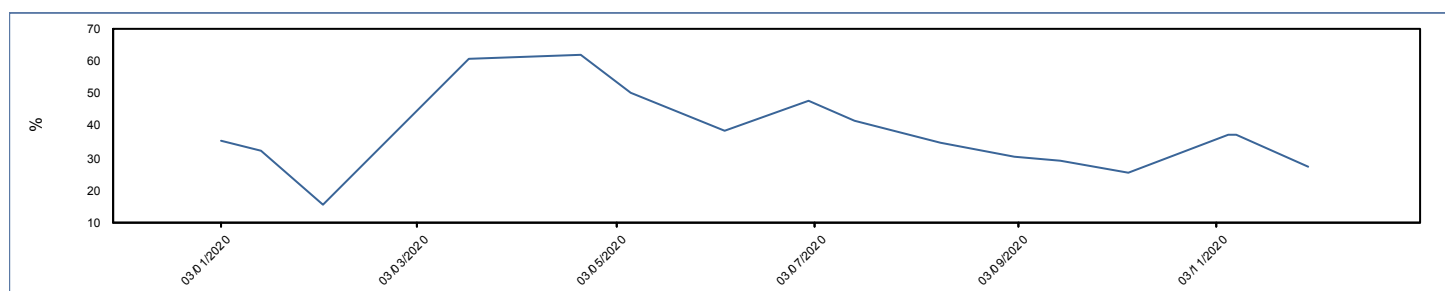
CHI0098

Number of readings

16

Number of breaches

0



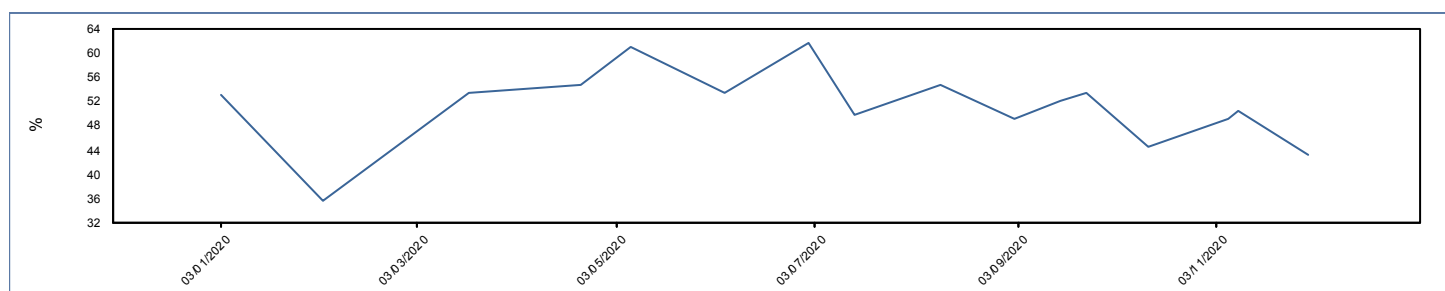
CHI0099

Number of readings

16

Number of breaches

0



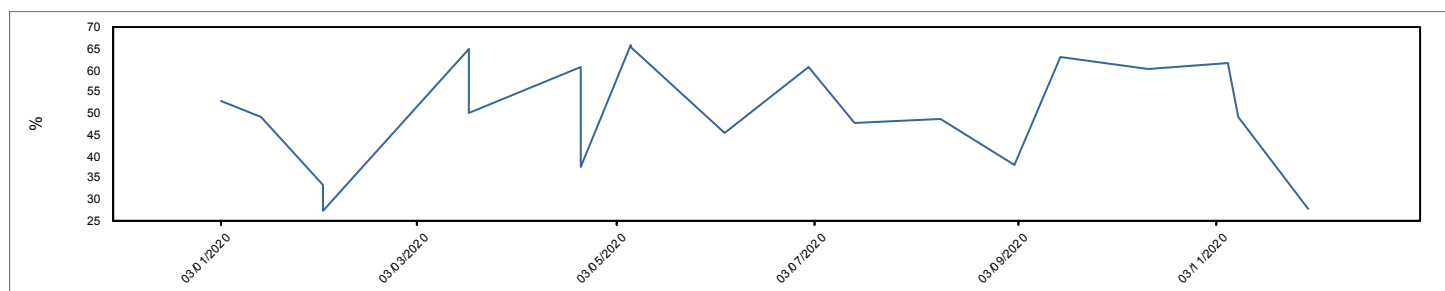
CHI0100

Number of readings

22

Number of breaches

0



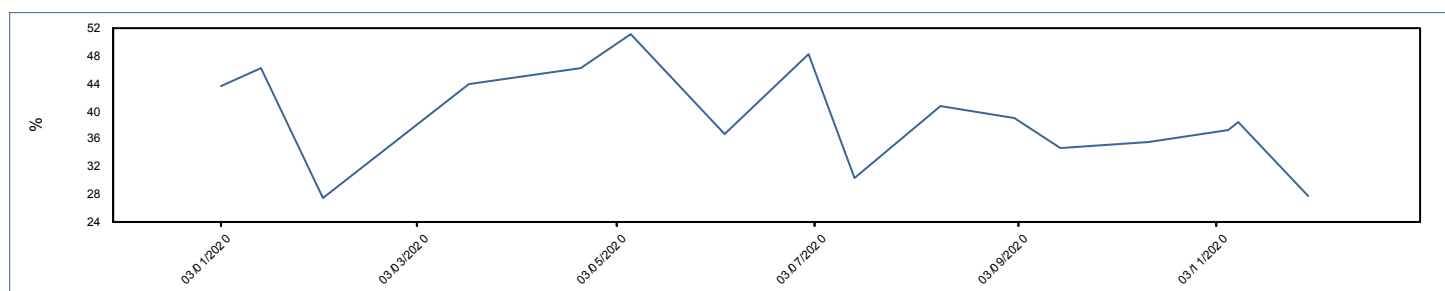
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

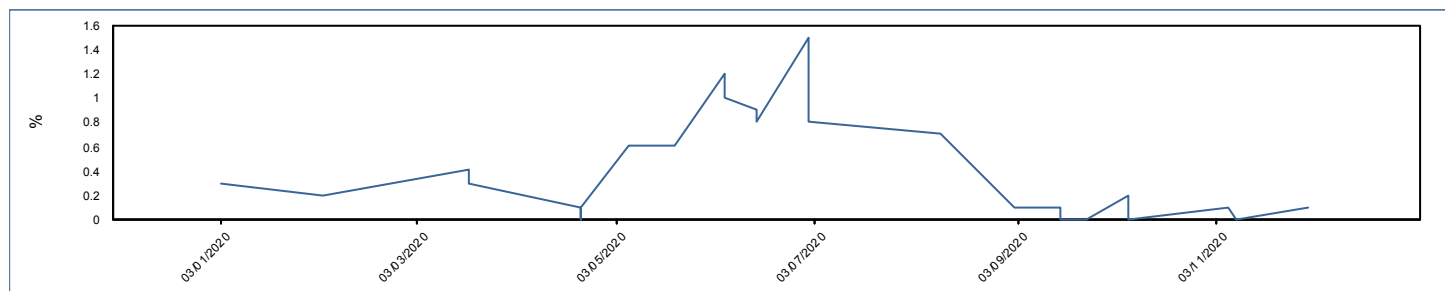
CHI0102

Number of readings

39

Number of breaches

0



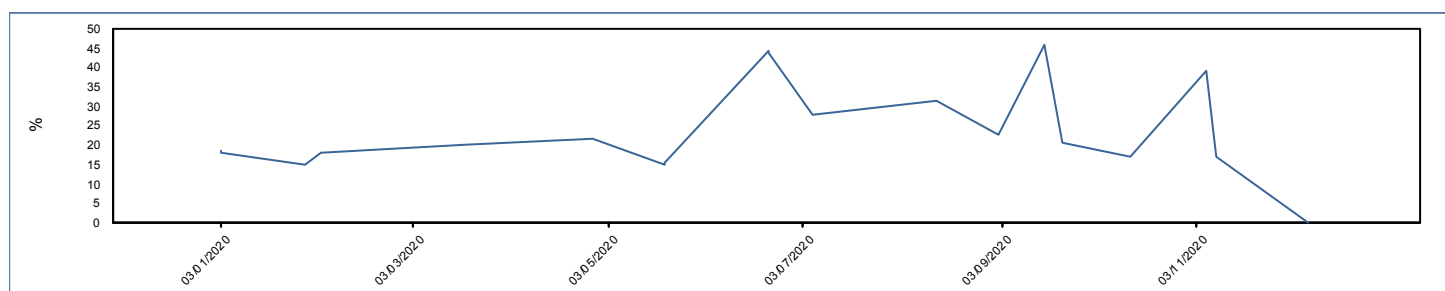
CHI0103

Number of readings

24

Number of breaches

0



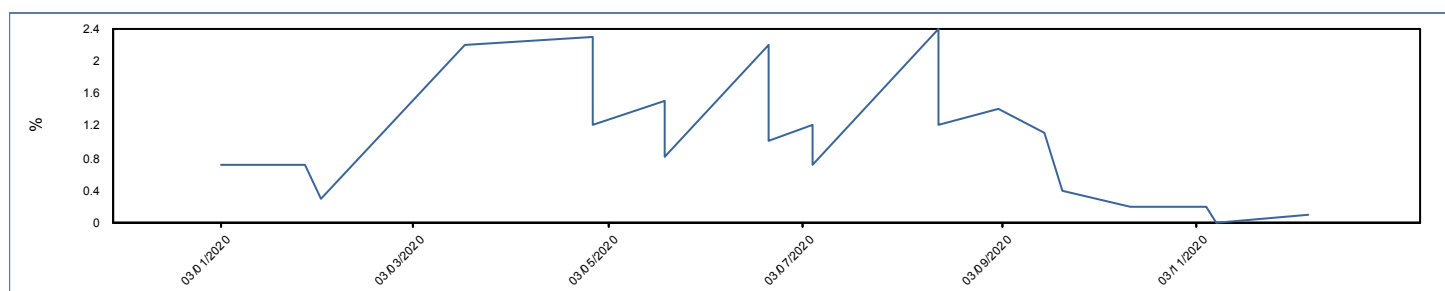
CHI0104

Number of readings

30

Number of breaches

0



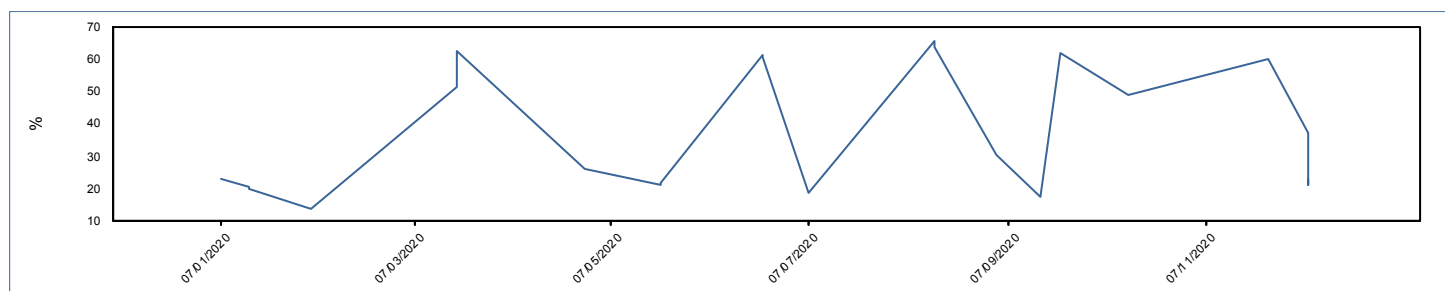
CHI0105

Number of readings

24

Number of breaches

0



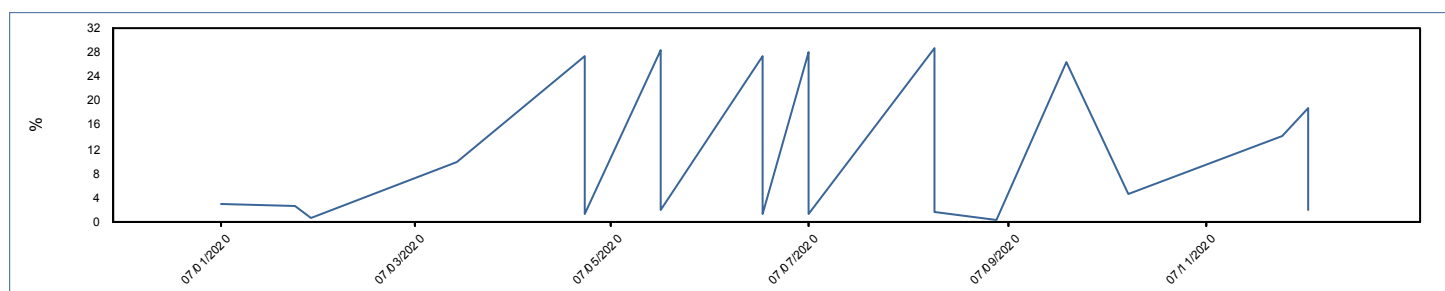
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

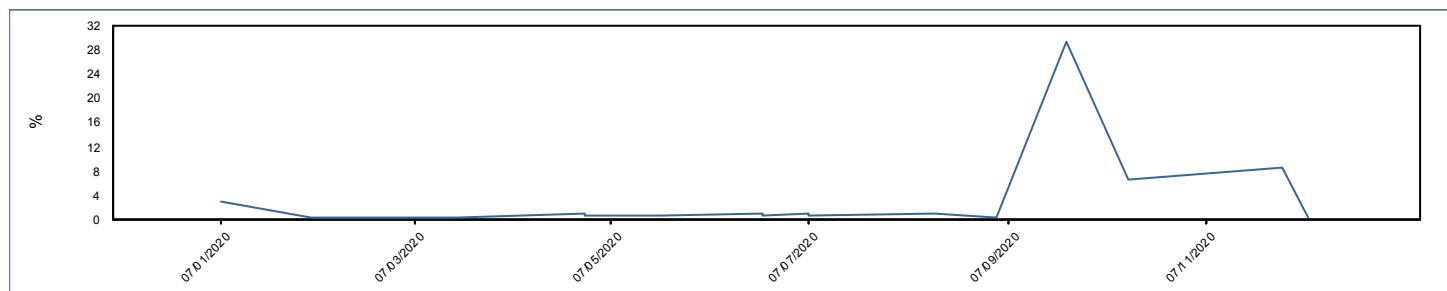
CHI0107

Number of readings

25

Number of breaches

0



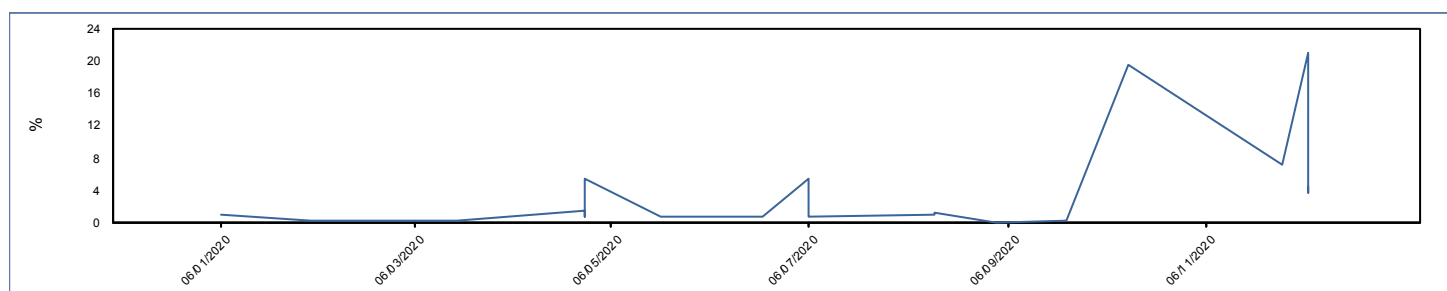
CHI0108

Number of readings

25

Number of breaches

0



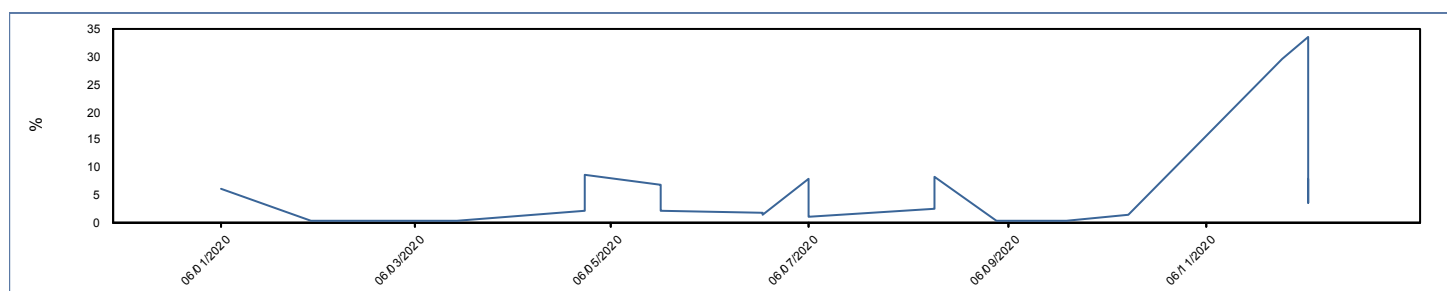
CHI0109

Number of readings

25

Number of breaches

0



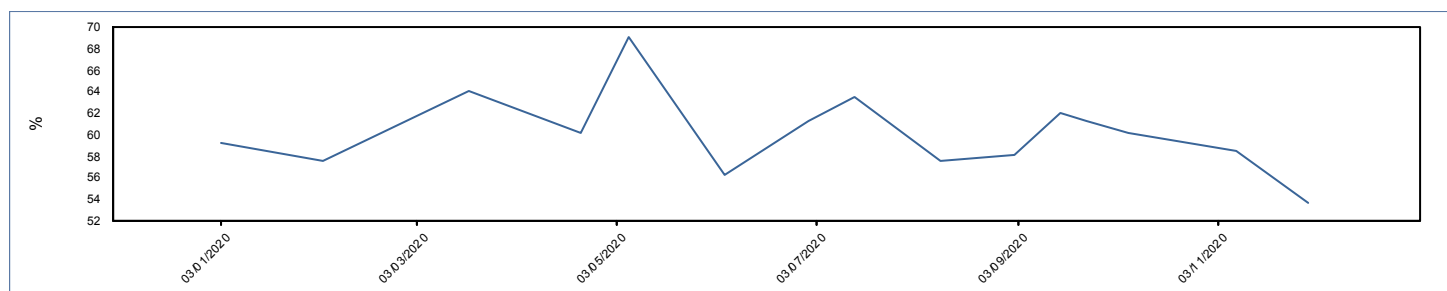
CHI0110

Number of readings

15

Number of breaches

0



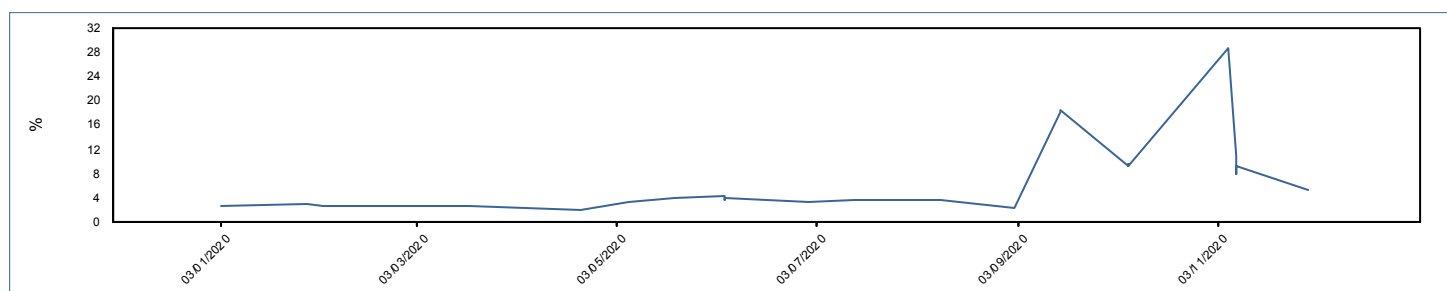
CHI0111

Number of readings

28

Number of breaches

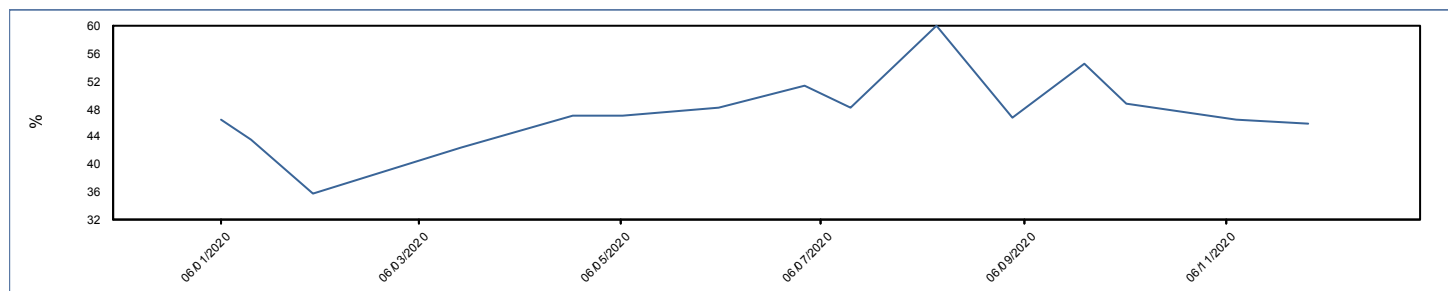
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Data from: 1 Jan 2020 to: 31 Dec 2020

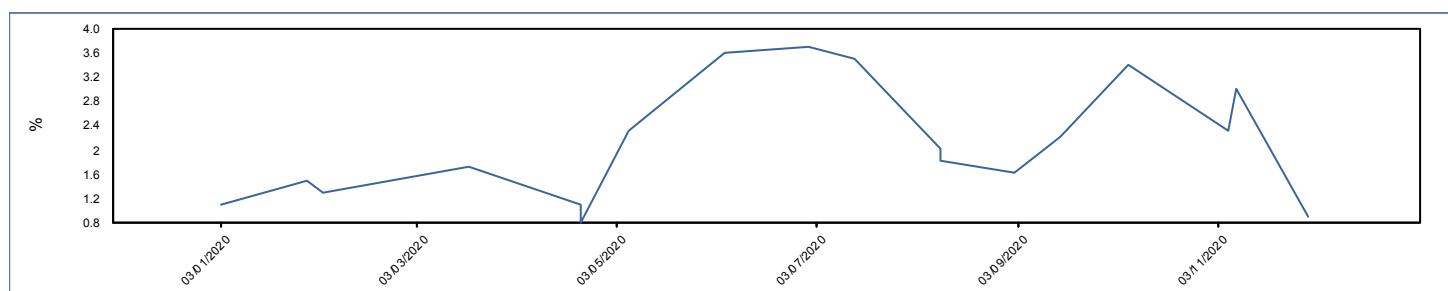
CHIWO112

Number of readings 15 Number of breaches 0



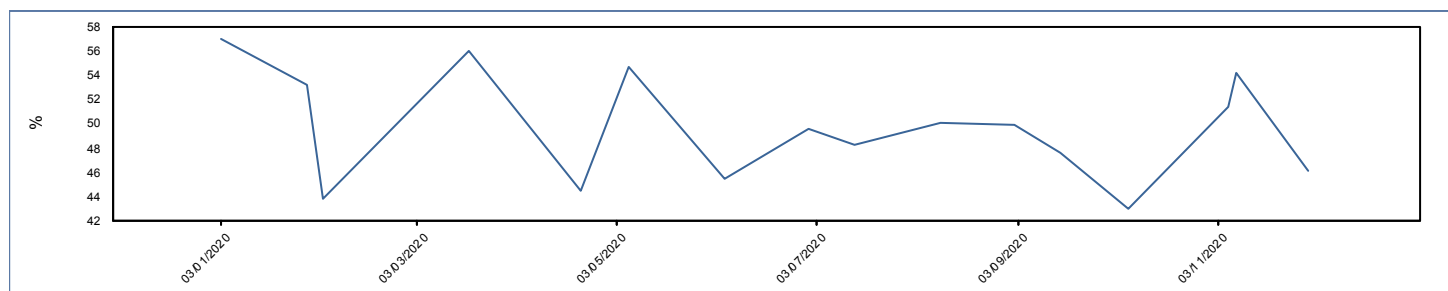
CHIWO113

Number of readings 20 Number of breaches 0



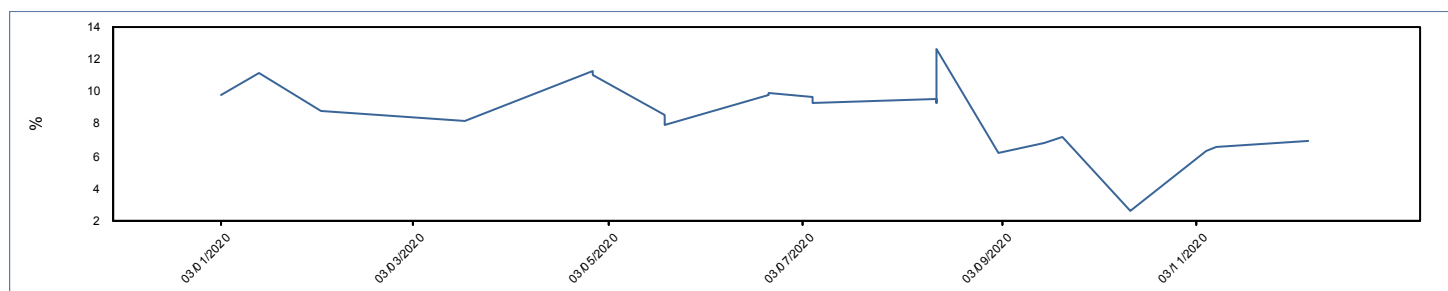
CHIWO115

Number of readings 16 Number of breaches 0



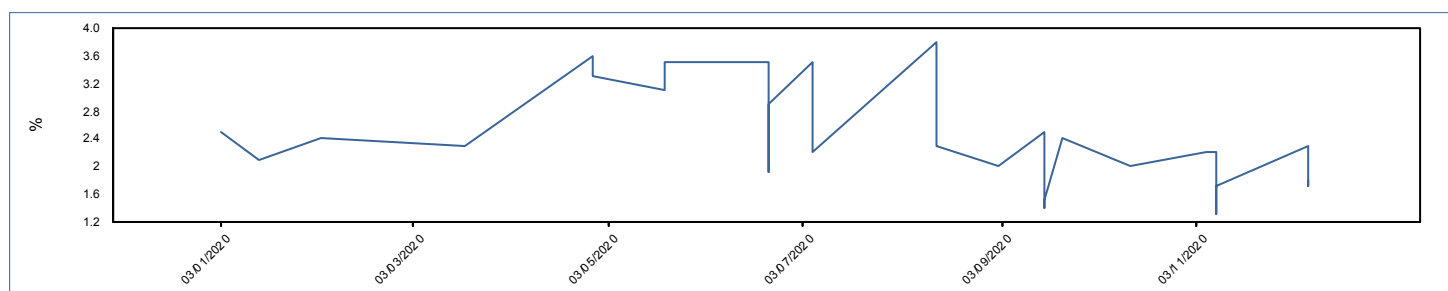
CHIWO116

Number of readings 26 Number of breaches 0



CHIWO117

Number of readings 32 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

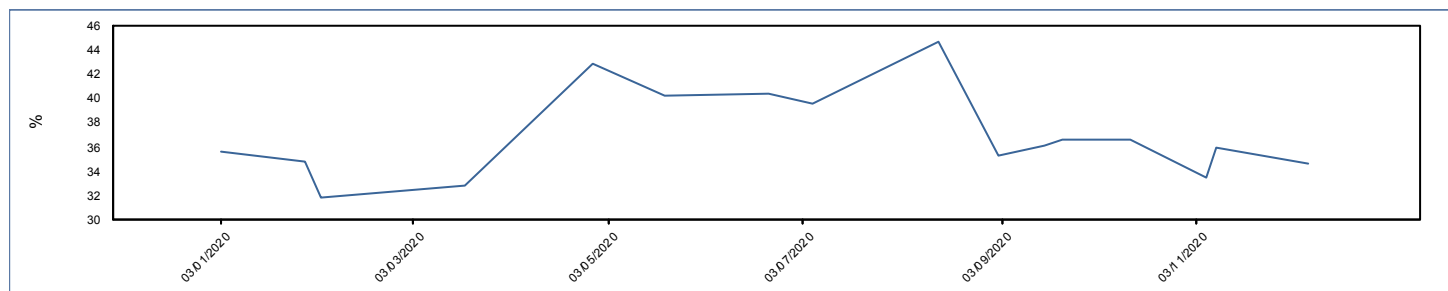
CHI0118

Number of readings

16

Number of breaches

0



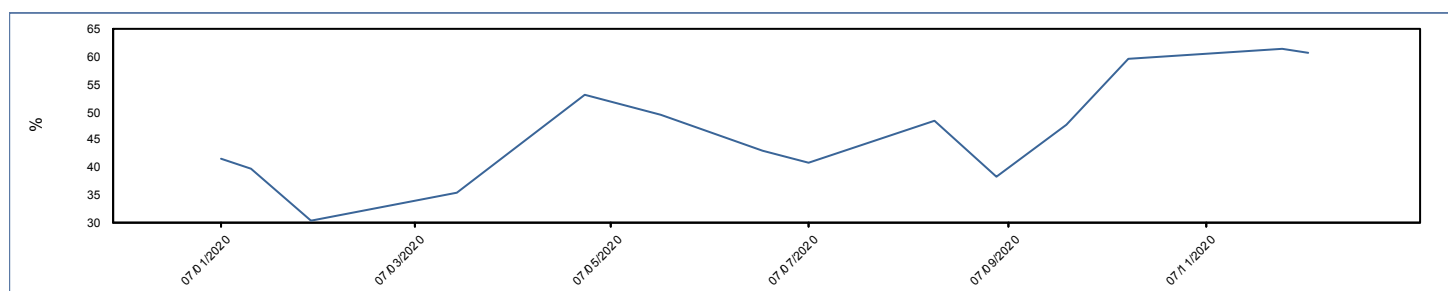
CHI0120

Number of readings

14

Number of breaches

0



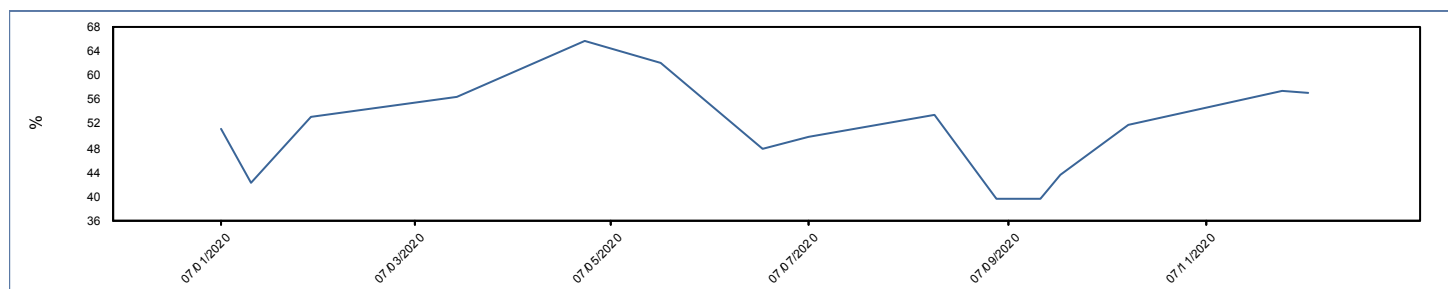
CHI0121

Number of readings

15

Number of breaches

0



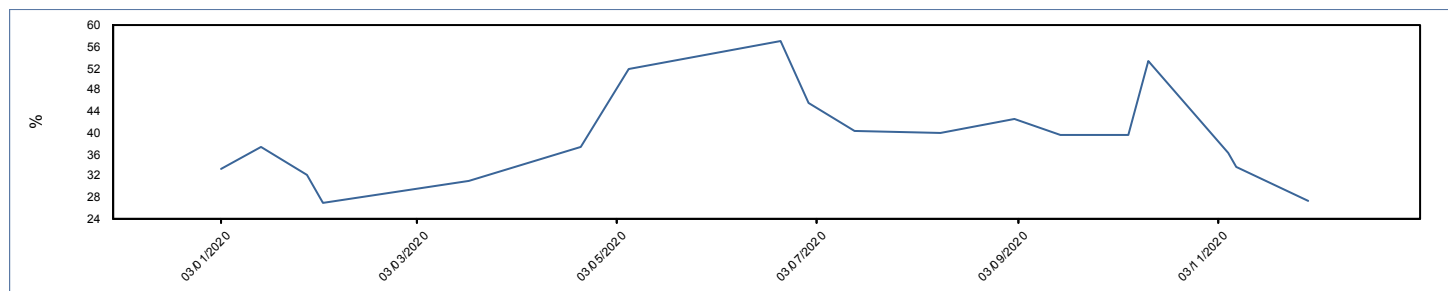
CHI0123

Number of readings

18

Number of breaches

0



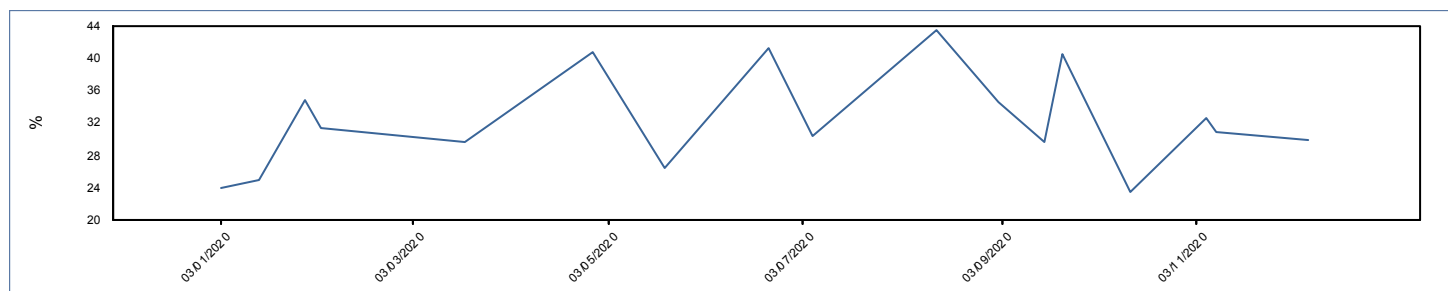
CHI0124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

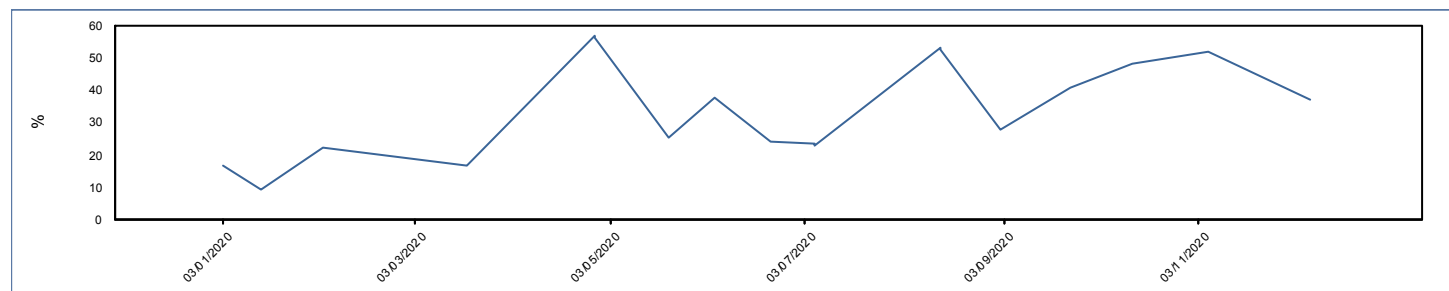
CHI0125

Number of readings

20

Number of breaches

0



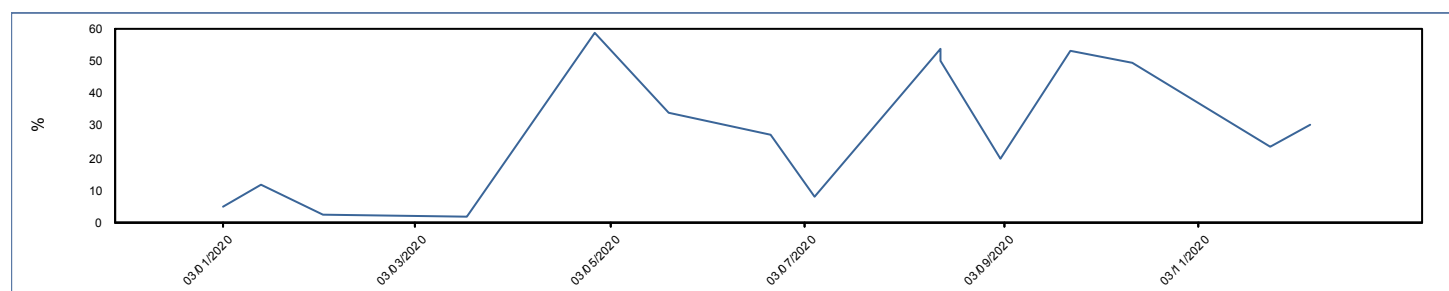
CHI0126

Number of readings

17

Number of breaches

0



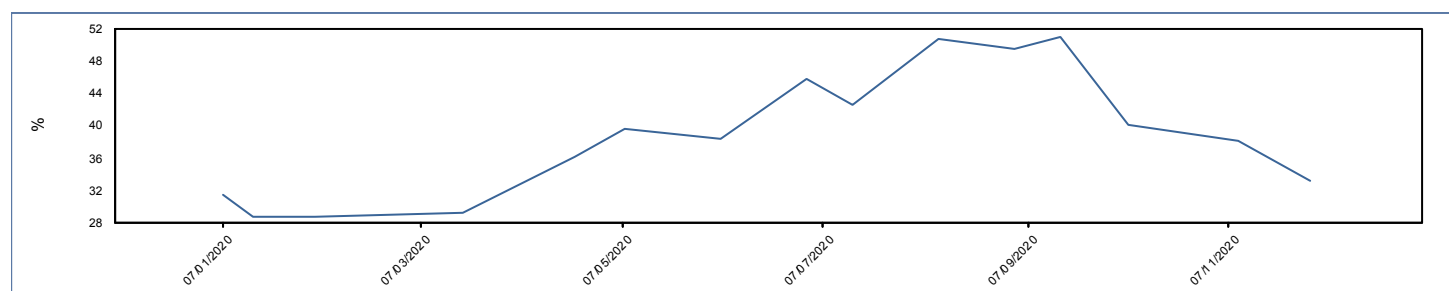
CHI0127

Number of readings

15

Number of breaches

0



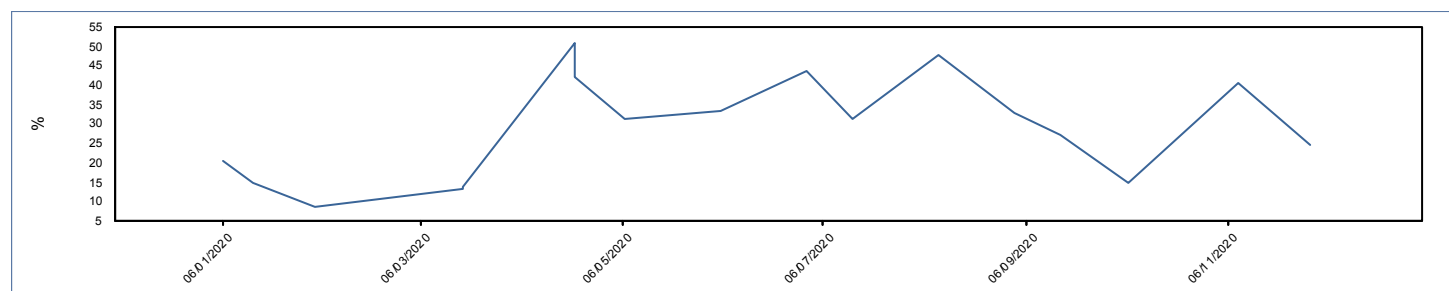
CHI0128

Number of readings

19

Number of breaches

0



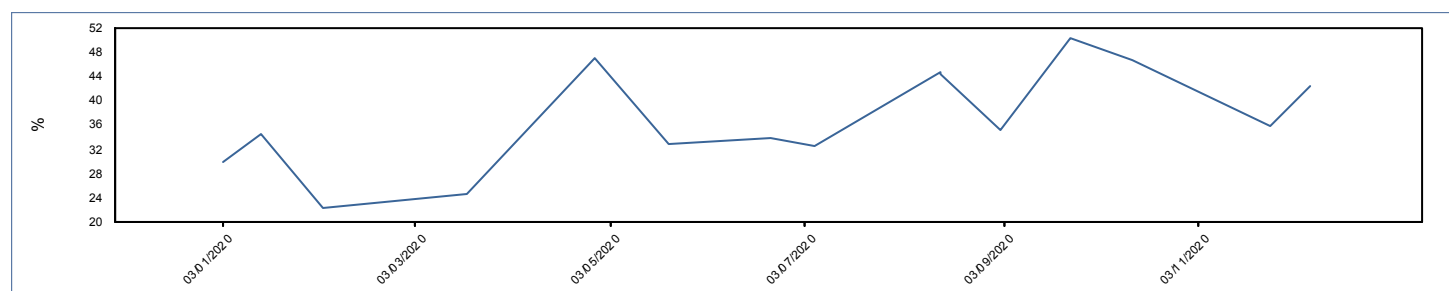
CHI01601

Number of readings

15

Number of breaches

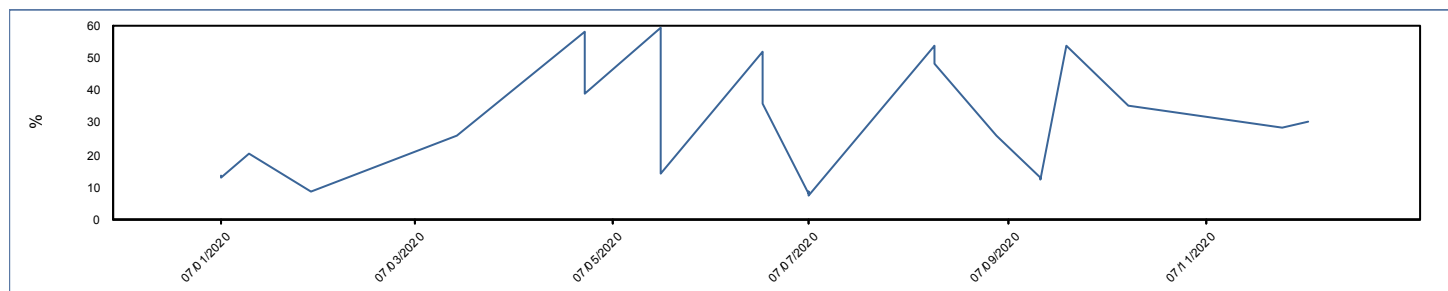
0



Data from: 1 Jan 2020 to: 31 Dec 2020

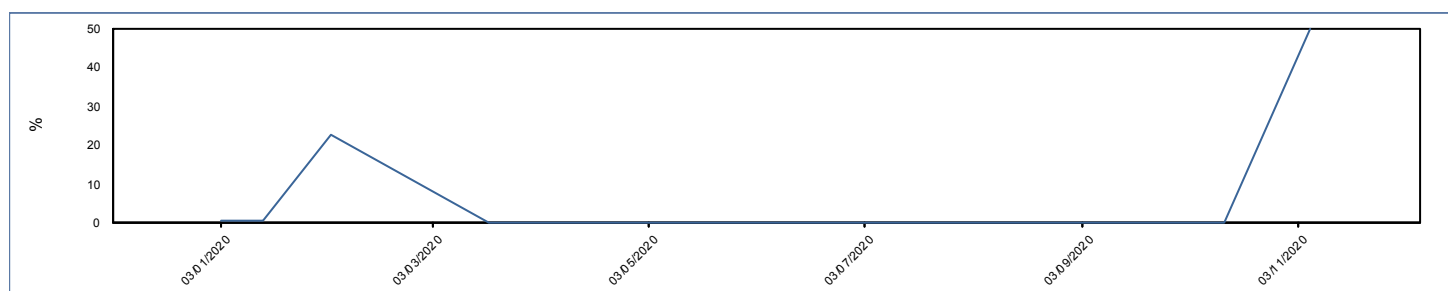
CHI1602

Number of readings 25 Number of breaches 0



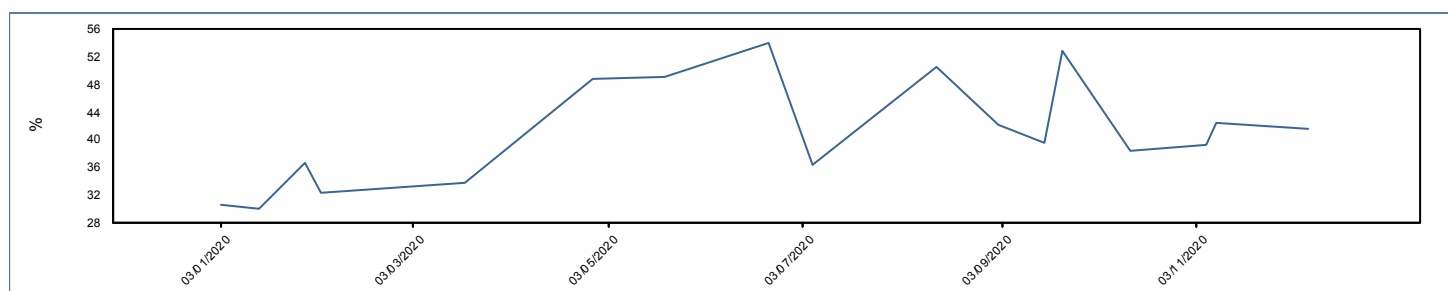
CHI1603

Number of readings 8 Number of breaches 0



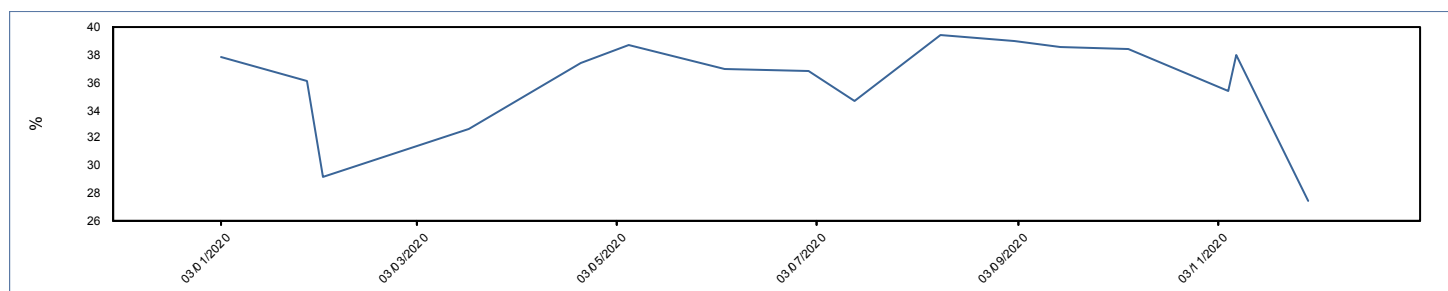
CHI1604

Number of readings 17 Number of breaches 0



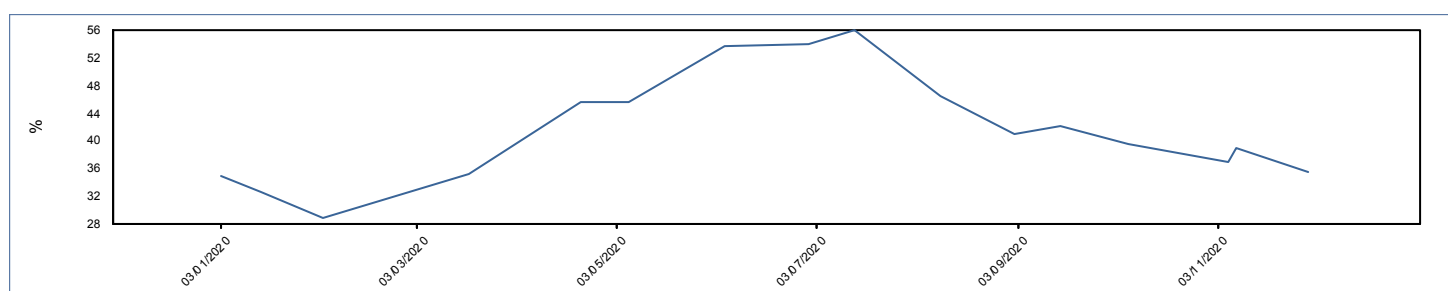
CHI1605

Number of readings 16 Number of breaches 0



CHI1606

Number of readings 16 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

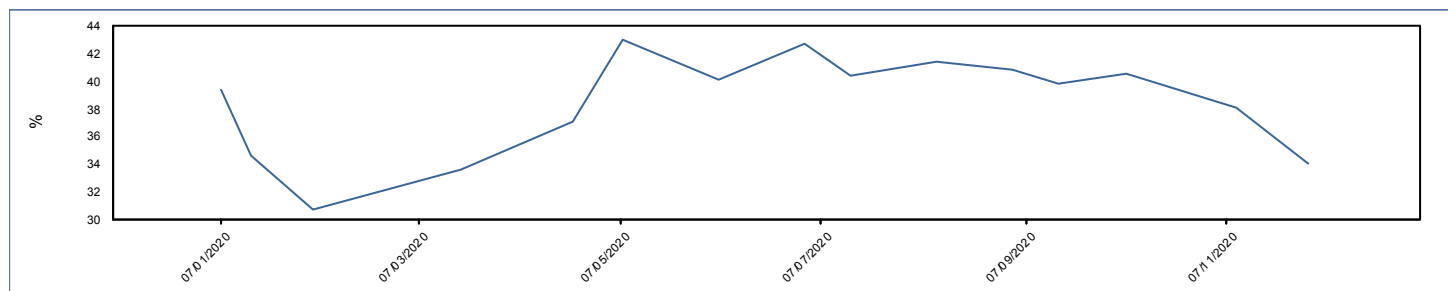
CHIWI608

Number of readings

15

Number of breaches

0



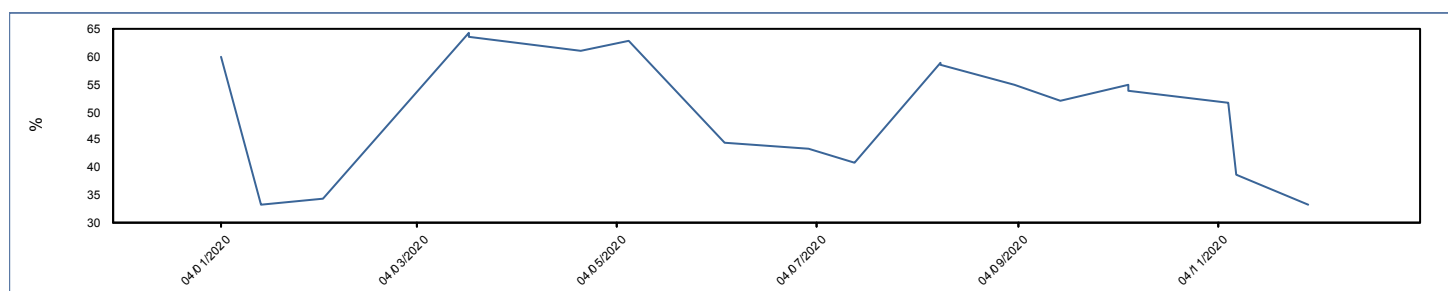
CHIWI609

Number of readings

20

Number of breaches

0



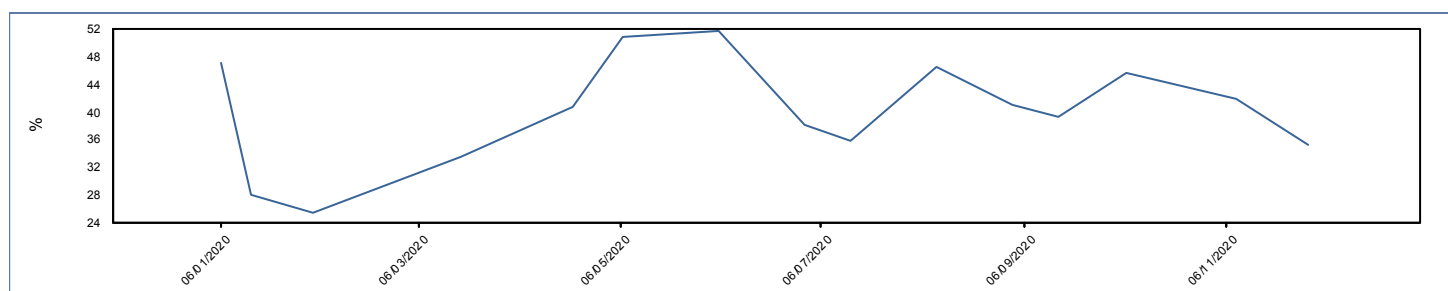
CHIWI610

Number of readings

15

Number of breaches

0



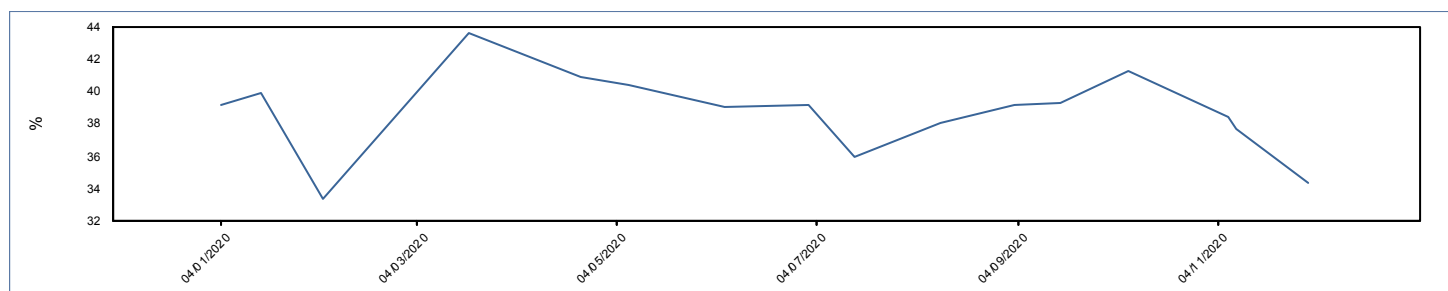
CHIWI611

Number of readings

16

Number of breaches

0



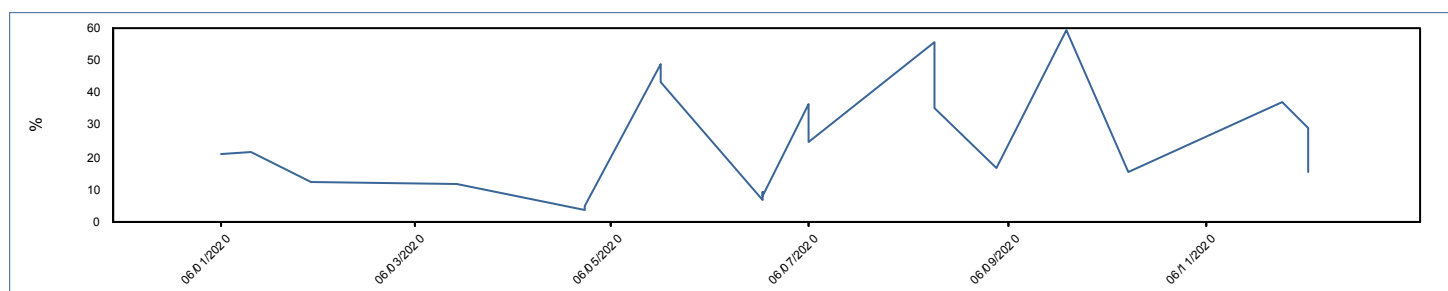
CHIWI612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

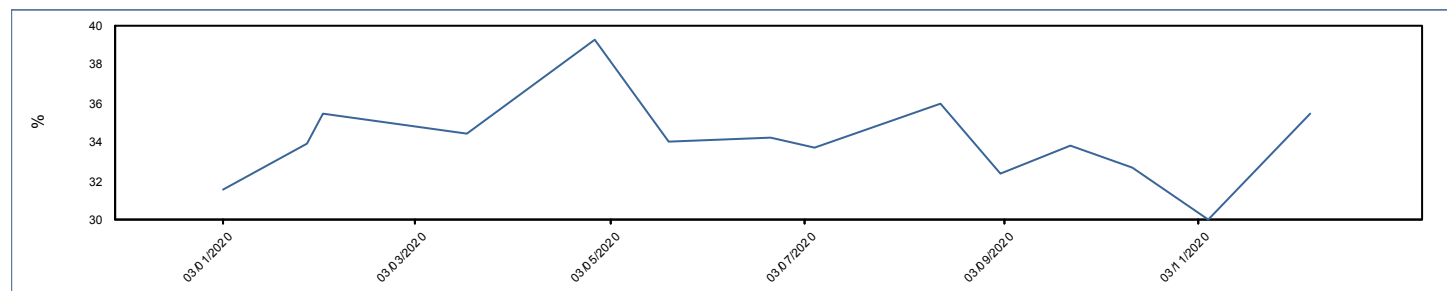
GW44

Number of readings

14

Number of breaches

0



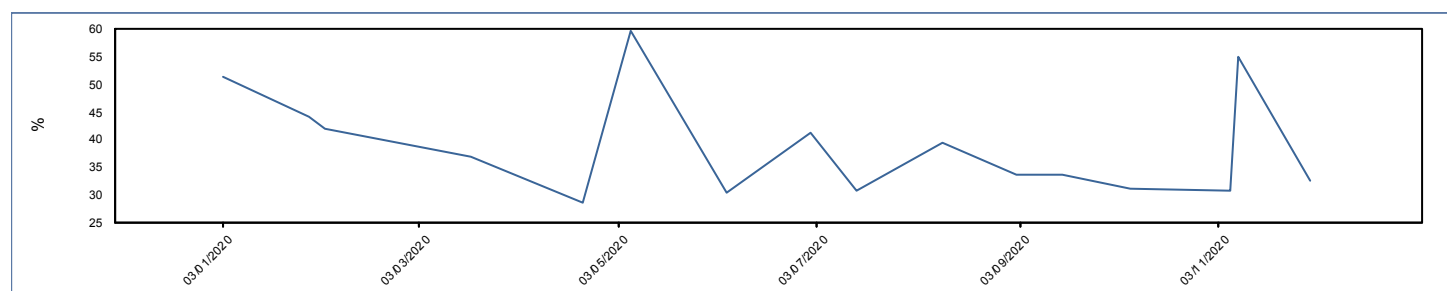
GW48

Number of readings

16

Number of breaches

0



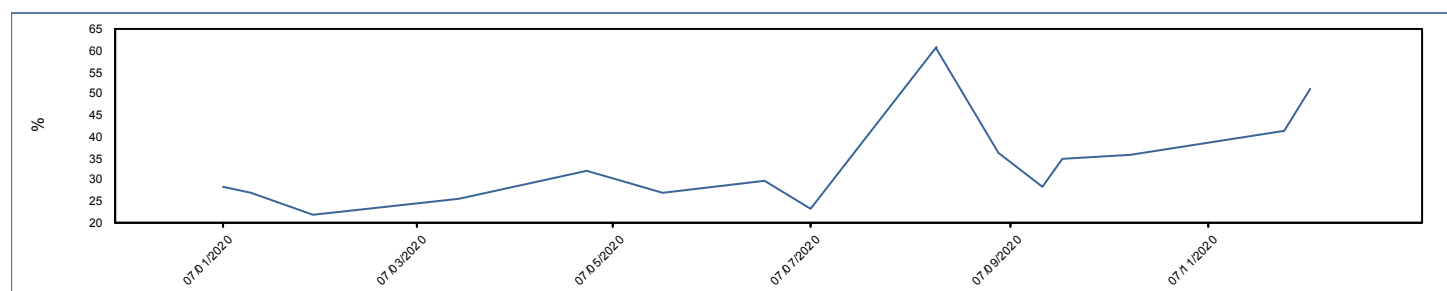
GW56

Number of readings

17

Number of breaches

0



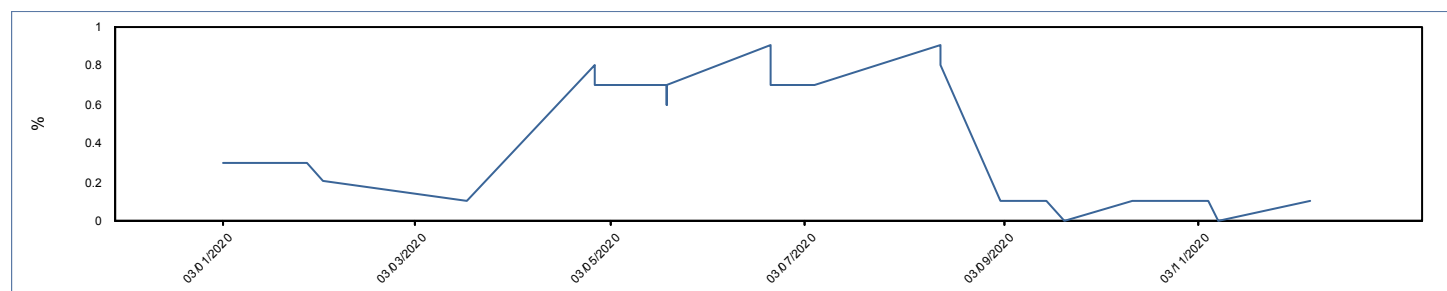
GW57

Number of readings

30

Number of breaches

0



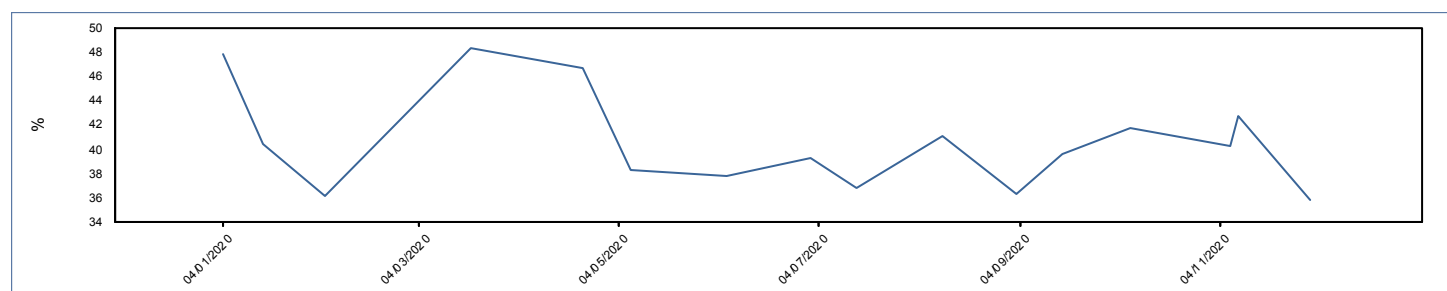
GW88

Number of readings

16

Number of breaches

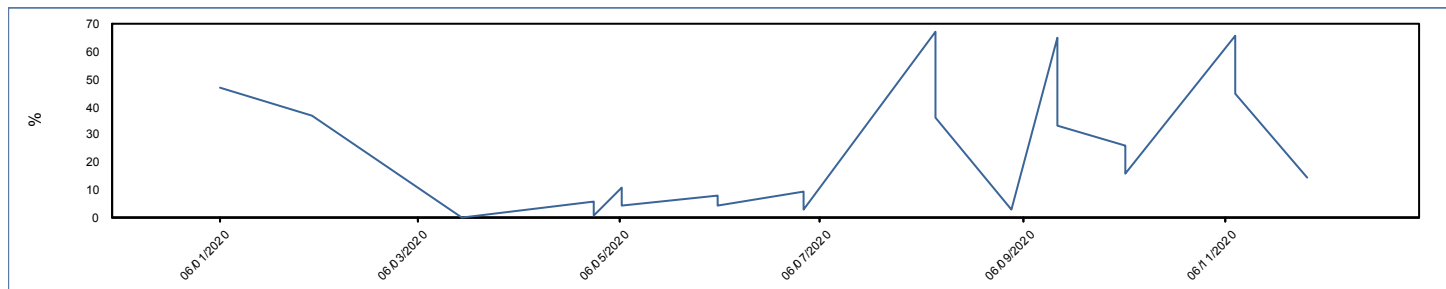
0



Data from: 1 Jan 2020 to: 31 Dec 2020

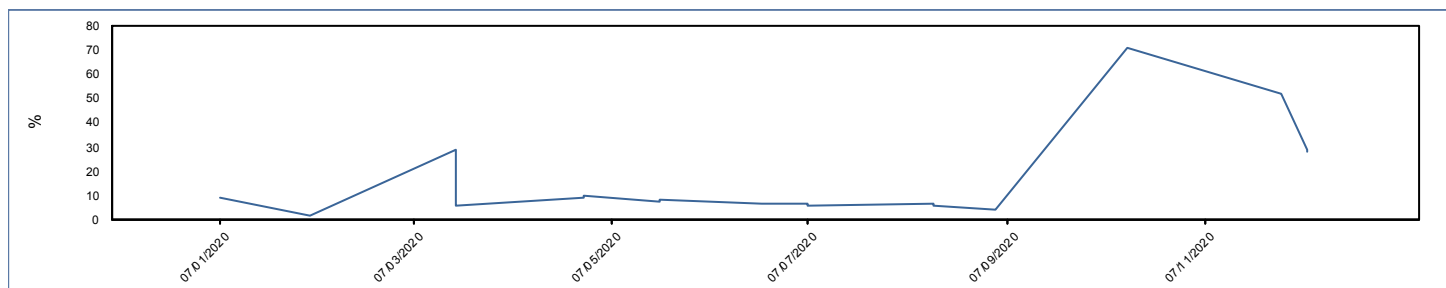
LC005A

Number of readings 29 Number of breaches 0



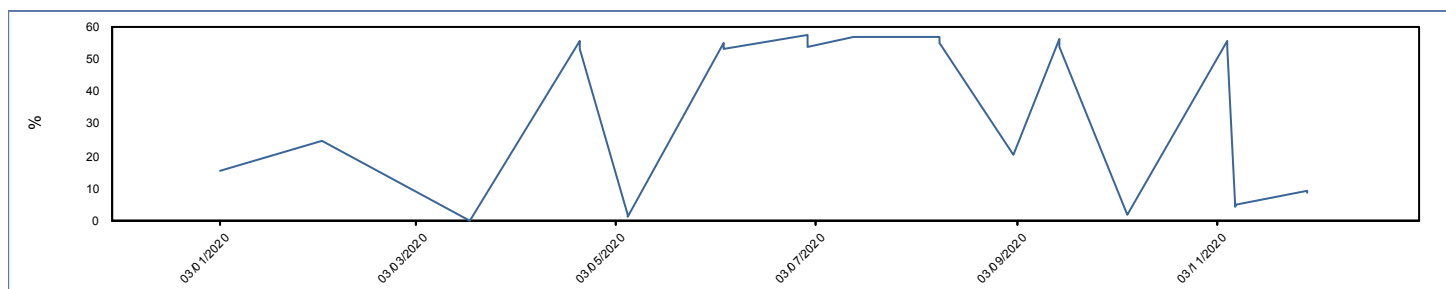
LC01B

Number of readings 24 Number of breaches 0



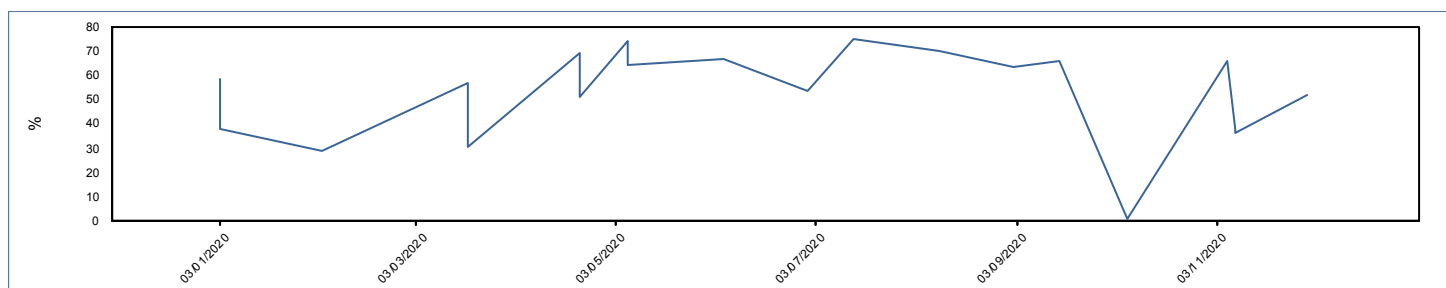
LM04B

Number of readings 28 Number of breaches 0



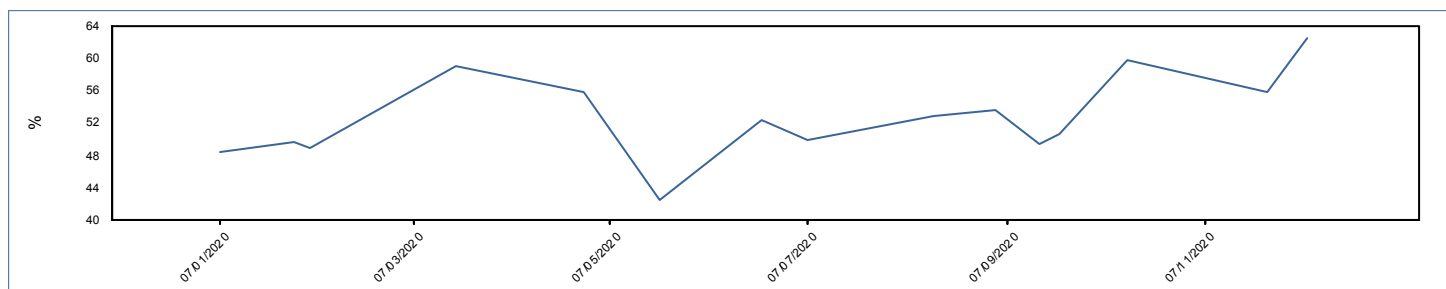
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

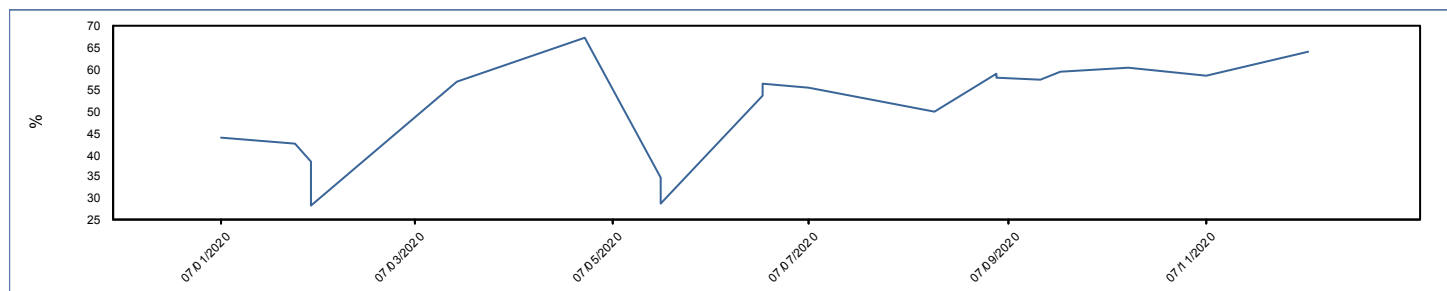
PBLFGXGW03

Number of readings

19

Number of breaches

0



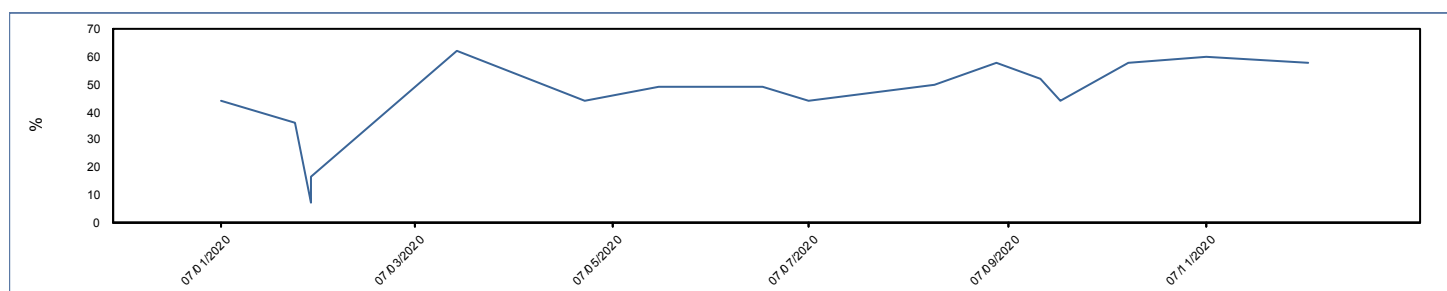
PBLFGXGW07

Number of readings

17

Number of breaches

0



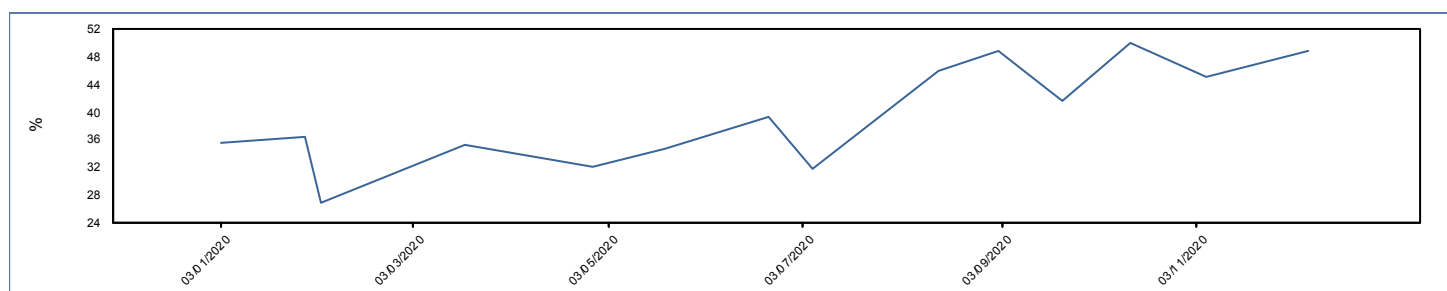
PBLFGXGW18

Number of readings

15

Number of breaches

0



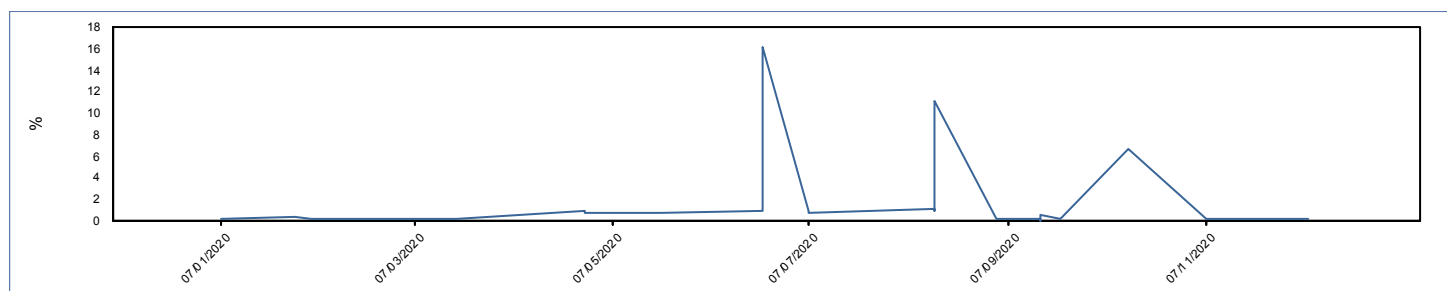
PBLFGXGW28

Number of readings

29

Number of breaches

0



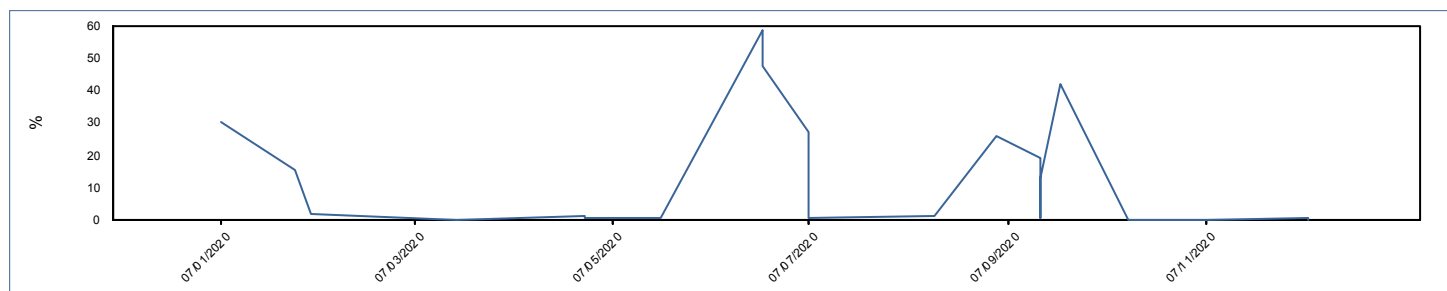
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

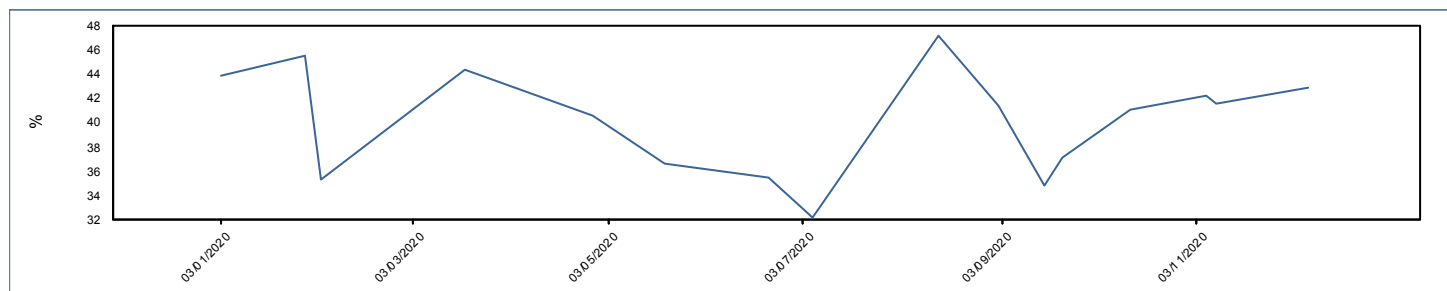
PBLFGXGW30

Number of readings

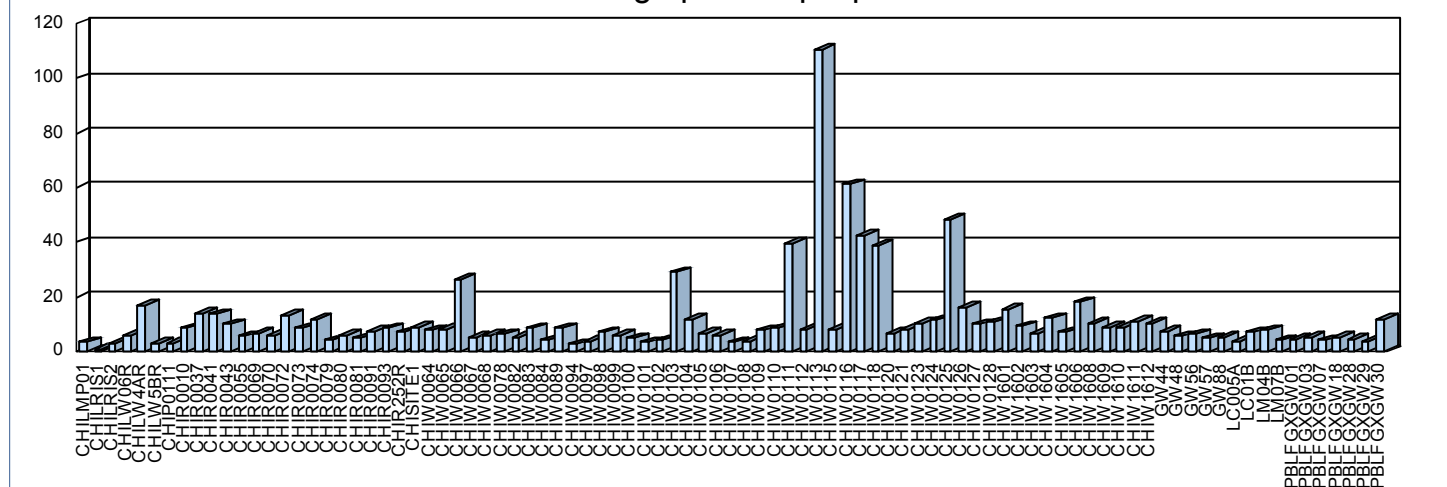
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	11.00	3.29	46.00	3.84	14.78	11.00
CHILRIS1	1	0	1.00	1.00	1.00	1.00	0.00	0.00	1.00
CHILRIS2	5	0	0.00	10.00	3.00	15.00	3.63	13.20	10.00
CHILW06R	28	0	0.00	17.00	6.00	168.00	5.45	29.71	16.50
CHILW4AR	27	0	2.00	67.00	16.74	452.00	18.03	324.93	62.00
CHILW5BR	29	0	0.00	10.00	3.03	88.00	3.11	9.69	9.50
CHIP0111	30	0	0.00	13.00	3.20	96.00	3.59	12.89	12.00
CHIR0010	30	0	0.00	26.00	8.40	252.00	6.99	48.84	23.50
CHIR0037	31	0	0.00	34.00	14.06	436.00	8.40	70.51	28.50
CHIR0041	16	0	0.00	77.00	13.50	216.00	16.93	286.63	77.00
CHIR0043	15	0	3.00	19.00	10.07	151.00	5.12	26.20	19.00
CHIR0055	15	0	1.00	13.00	5.60	84.00	4.22	17.84	13.00
CHIR0069	15	0	1.00	15.00	6.47	97.00	4.60	21.18	15.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	0.00	13.00	5.87	88.00	3.93	15.45	13.00
CHIR0072	16	0	6.00	28.00	13.13	210.00	6.86	47.11	28.00
CHIR0073	18	0	0.00	24.00	8.44	152.00	6.59	43.47	24.00
CHIR0074	15	0	4.00	21.00	11.60	174.00	5.46	29.84	21.00
CHIR0079	15	0	0.00	12.00	4.07	61.00	3.82	14.60	12.00
CHIR0080	23	0	0.00	18.00	6.09	140.00	5.22	27.21	17.00
CHIR0081	35	0	0.00	17.00	4.80	168.00	5.32	28.27	16.50
CHIR0091	17	0	2.00	17.00	7.53	128.00	4.78	22.84	17.00
CHIR0093	17	0	1.00	24.00	8.53	145.00	5.70	32.48	24.00
CHIR252R	14	0	0.00	20.00	7.00	98.00	6.04	36.43	20.00
CHISITE1	57	0	0.00	22.00	8.75	499.00	5.68	32.26	18.50
CHIW0064	15	0	0.00	32.00	7.73	116.00	8.27	68.46	32.00
CHIW0065	14	0	0.00	38.00	7.93	111.00	9.41	88.49	38.00
CHIW0066	16	0	0.00	72.00	26.31	421.00	24.96	623.21	72.00
CHIW0067	37	0	0.00	15.00	5.16	191.00	4.84	23.38	15.00
CHIW0068	16	0	1.00	13.00	6.06	97.00	3.82	14.56	13.00
CHIW0078	20	0	0.00	19.00	6.20	124.00	5.69	32.36	16.50
CHIW0082	19	0	0.00	20.00	5.37	102.00	5.34	28.55	20.00
CHIW0083	16	0	1.00	25.00	8.44	135.00	7.04	49.62	25.00
CHIW0084	14	0	0.00	13.00	4.00	56.00	4.34	18.86	13.00
CHIW0089	16	0	2.00	24.00	8.56	137.00	6.43	41.37	24.00
CHIW0094	34	0	0.00	7.00	2.65	90.00	2.61	6.82	7.00
CHIW0097	34	0	0.00	15.00	3.71	126.00	4.16	17.33	14.50
CHIW0098	16	0	0.00	19.00	7.06	113.00	5.51	30.31	19.00
CHIW0099	16	0	0.00	19.00	6.00	96.00	5.32	28.25	19.00
CHIW0100	22	0	1.00	12.00	4.91	108.00	4.03	16.26	11.50
CHIW0101	16	0	0.00	9.00	3.50	56.00	3.10	9.63	9.00
CHIW0102	39	0	0.00	15.00	4.13	161.00	4.46	19.86	14.00
CHIW0103	24	0	0.00	137.00	28.96	695.00	42.17	1,778.12	135.50

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	0.00	91.00	11.63	349.00	21.45	460.17	86.50
CHIW0105	24	0	0.00	24.00	6.79	163.00	6.65	44.16	23.50
CHIW0106	26	0	0.00	22.00	5.81	151.00	6.02	36.23	20.00
CHIW0107	25	0	0.00	10.00	3.40	85.00	3.26	10.64	9.50
CHIW0108	25	0	0.00	9.00	3.56	89.00	3.43	11.77	9.00
CHIW0109	25	0	0.00	34.00	7.76	194.00	8.44	71.22	31.00
CHIW0110	15	0	2.00	19.00	8.47	127.00	4.65	21.58	19.00
CHIW0111	28	0	0.00	75.00	39.46	1,105.00	24.56	603.39	74.00
CHIW0112	15	0	0.00	19.00	8.33	125.00	5.50	30.22	19.00
CHIW0113	20	0	38.00	276.00	110.60	2,212.00	68.12	4,640.34	250.50
CHIW0115	16	0	2.00	17.00	8.00	128.00	5.02	25.25	17.00
CHIW0116	26	0	0.00	117.00	61.12	1,589.00	22.05	486.26	105.00
CHIW0117	32	0	3.00	64.00	42.53	1,361.00	11.51	132.44	62.50
CHIW0118	16	0	23.00	57.00	38.81	621.00	9.11	83.03	57.00
CHIW0120	14	0	0.00	17.00	6.86	96.00	5.46	29.84	17.00
CHIW0121	15	0	0.00	20.00	8.00	120.00	6.46	41.73	20.00
CHIW0123	18	0	3.00	29.00	10.28	185.00	6.90	47.65	29.00
CHIW0124	17	0	0.00	22.00	11.53	196.00	7.11	50.60	22.00
CHIW0125	20	0	0.00	363.00	48.30	966.00	76.22	5,808.81	227.50
CHIW0126	17	0	3.00	31.00	16.35	278.00	9.50	90.23	31.00
CHIW0127	15	0	3.00	19.00	9.87	148.00	4.98	24.78	19.00
CHIW0128	19	0	3.00	20.00	10.58	201.00	5.25	27.61	20.00
CHIW1601	15	0	0.00	49.00	15.40	231.00	11.92	141.97	49.00
CHIW1602	25	0	1.00	23.00	9.20	230.00	7.15	51.12	22.50
CHIW1603	8	0	0.00	25.00	6.75	54.00	7.28	52.94	25.00
CHIW1604	17	0	0.00	28.00	12.24	208.00	6.91	47.71	28.00
CHIW1605	16	0	2.00	16.00	7.19	115.00	4.48	20.03	16.00
CHIW1606	16	0	5.00	44.00	18.00	288.00	11.54	133.25	44.00
CHIW1608	15	0	2.00	25.00	10.53	158.00	6.85	46.92	25.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	2.00	26.00	8.85	177.00	6.97	48.53	24.50
CHIW1610	15	0	2.00	21.00	8.73	131.00	5.67	32.20	21.00
CHIW1611	16	0	4.00	27.00	11.00	176.00	6.37	40.63	27.00
CHIW1612	24	0	0.00	27.00	10.21	245.00	7.39	54.58	25.50
GW44	14	0	0.00	15.00	7.50	105.00	4.90	23.96	15.00
GW48	16	0	0.00	18.00	5.69	91.00	5.12	26.21	18.00
GW56	17	0	0.00	17.00	6.35	108.00	5.61	31.52	17.00
GW57	30	0	0.00	33.00	4.93	148.00	6.08	37.00	22.00
GW88	16	0	0.00	14.00	5.13	82.00	4.75	22.61	14.00
LC005A	29	0	0.00	20.00	3.79	110.00	4.65	21.61	18.00
LC01B	24	0	0.00	16.00	7.17	172.00	5.96	35.56	16.00
LM04B	28	0	0.00	33.00	7.79	218.00	9.66	93.24	31.00
LM07B	25	0	0.00	17.00	4.20	105.00	4.60	21.20	14.50
PBLFGXGW01	15	0	0.00	13.00	4.47	67.00	3.79	14.38	13.00
PBLFGXGW03	19	0	0.00	14.00	5.32	101.00	4.21	17.69	14.00
PBLFGXGW07	17	0	0.00	12.00	4.00	68.00	3.90	15.18	12.00
PBLFGXGW18	15	0	0.00	14.00	5.00	75.00	4.20	17.60	14.00
PBLFGXGW28	29	0	0.00	21.00	4.38	127.00	5.45	29.68	21.00
PBLFGXGW29	28	0	0.00	14.00	3.75	105.00	4.06	16.47	13.50
PBLFGXGW30	16	0	0.00	42.00	11.75	188.00	10.91	118.94	42.00
Total	1,865	0	0.00	363.00	11.41	21,272.00	20.62	425.14	46.00

Data from: 1 Jan 2020 to: 31 Dec 2020

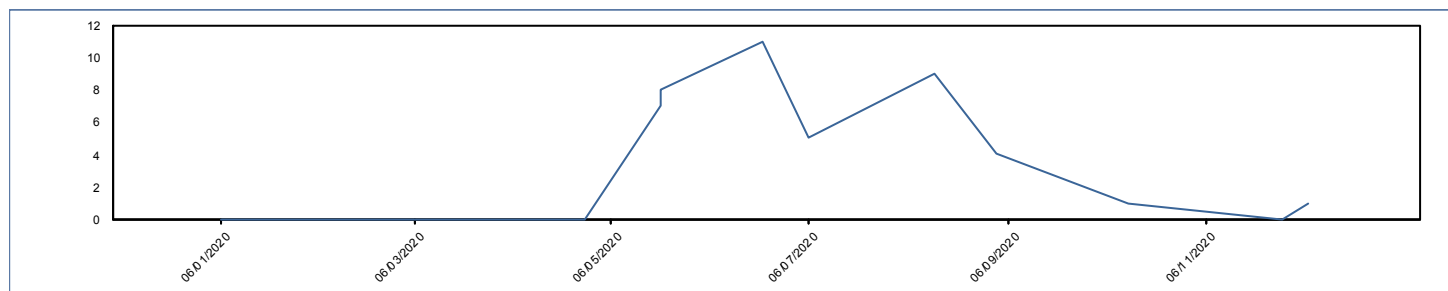
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



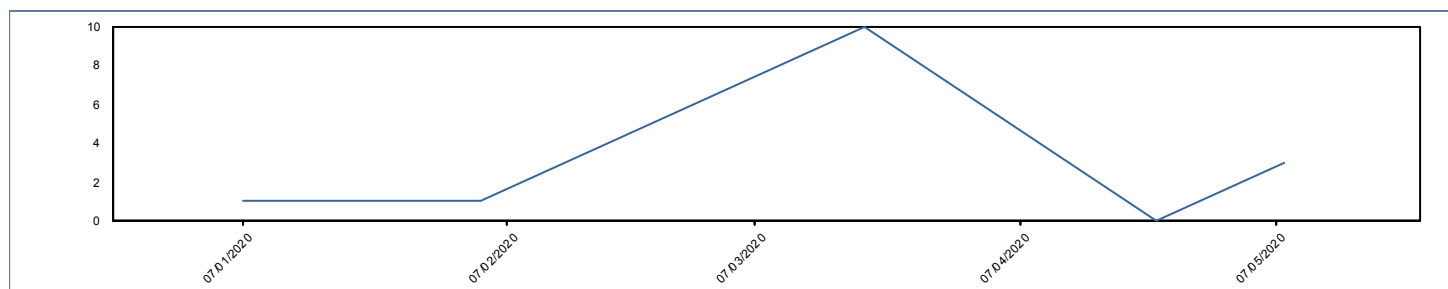
CHILRIS2

Number of readings

5

Number of breaches

0



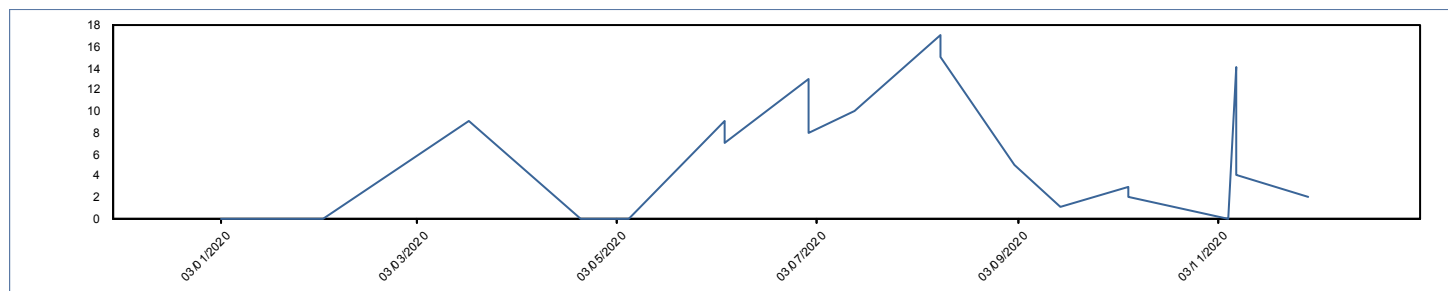
CHILW06R

Number of readings

28

Number of breaches

0



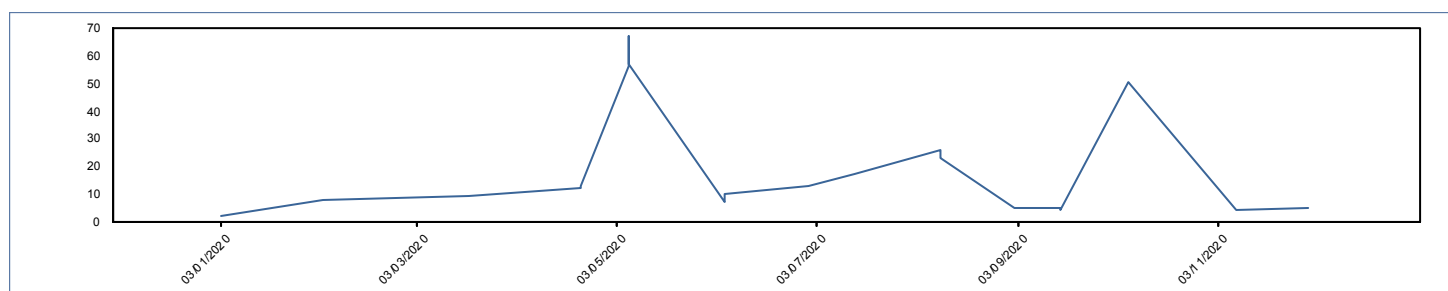
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

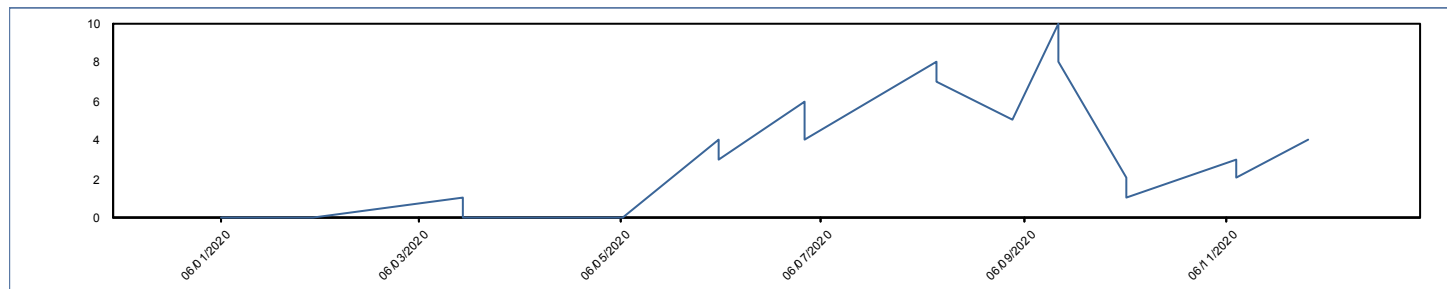
CHILW5BR

Number of readings

29

Number of breaches

0



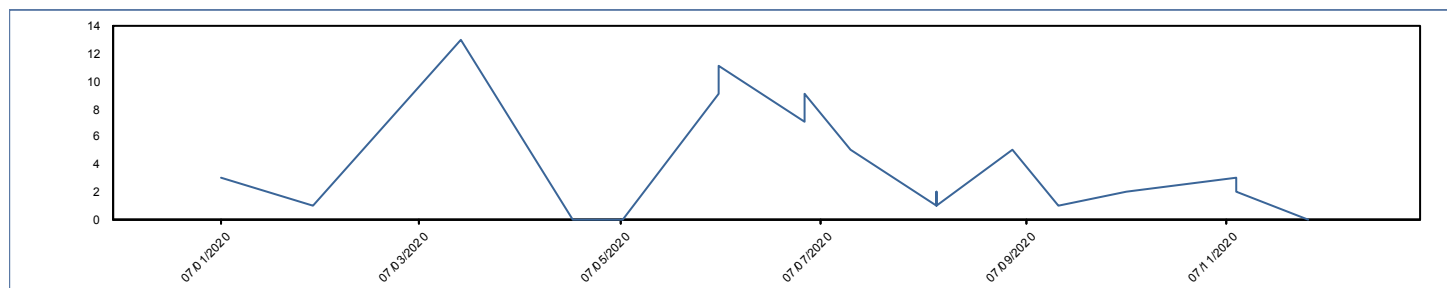
CHIP0111

Number of readings

30

Number of breaches

0



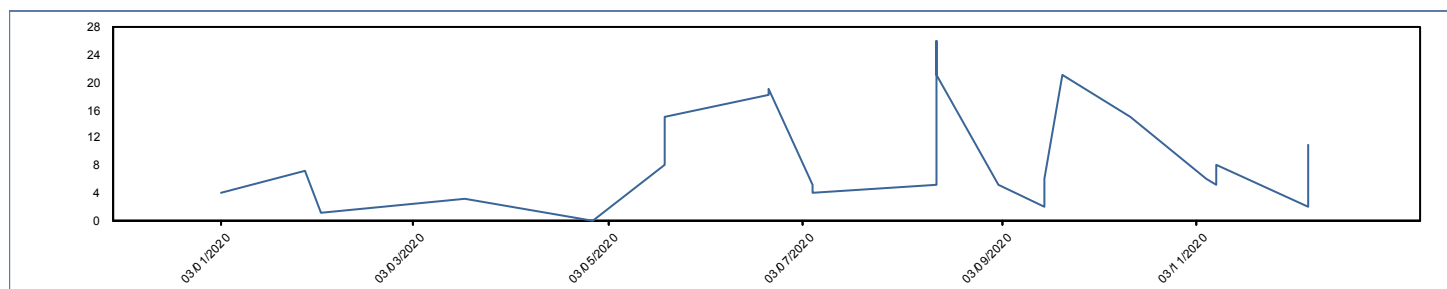
CHIR0010

Number of readings

30

Number of breaches

0



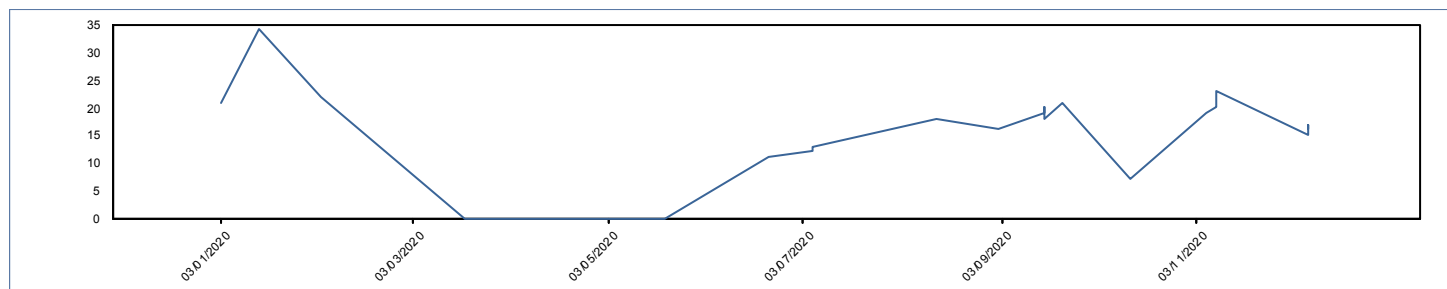
CHIR0037

Number of readings

31

Number of breaches

0



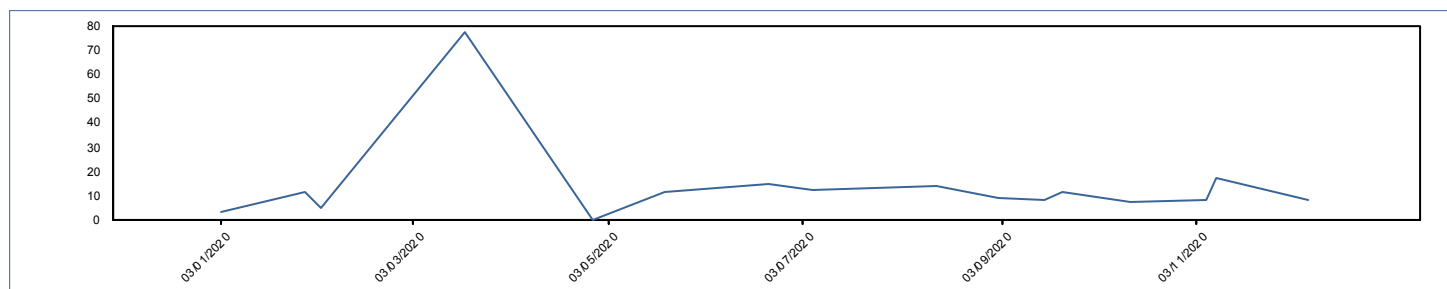
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

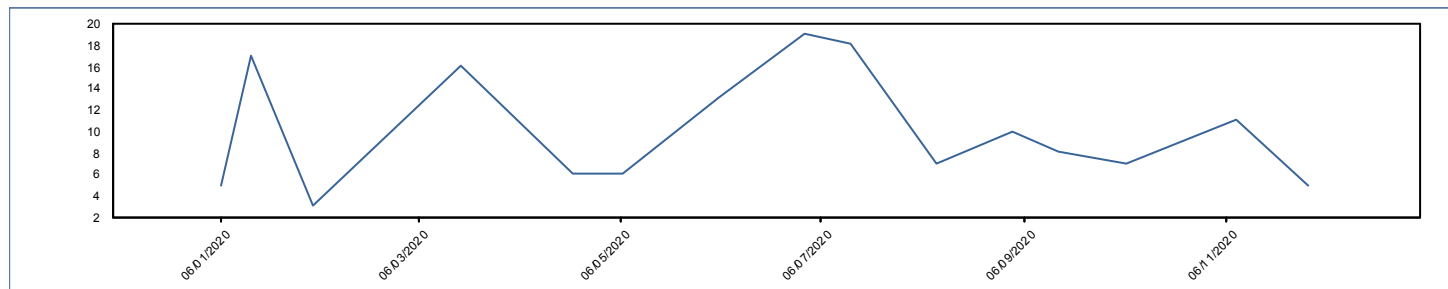
CHIR0043

Number of readings

15

Number of breaches

0



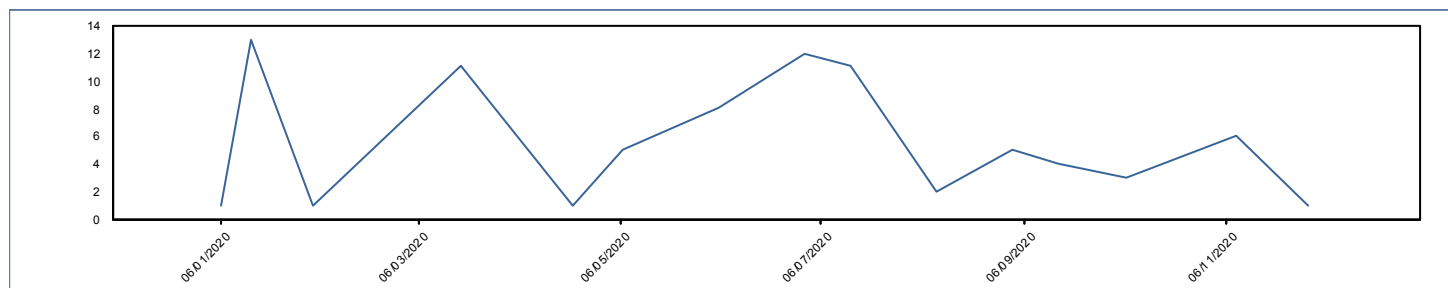
CHIR0055

Number of readings

15

Number of breaches

0



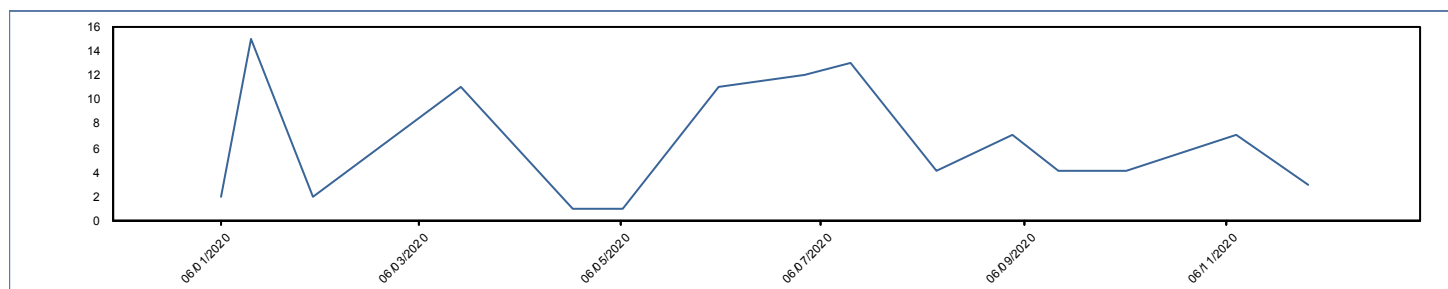
CHIR0069

Number of readings

15

Number of breaches

0



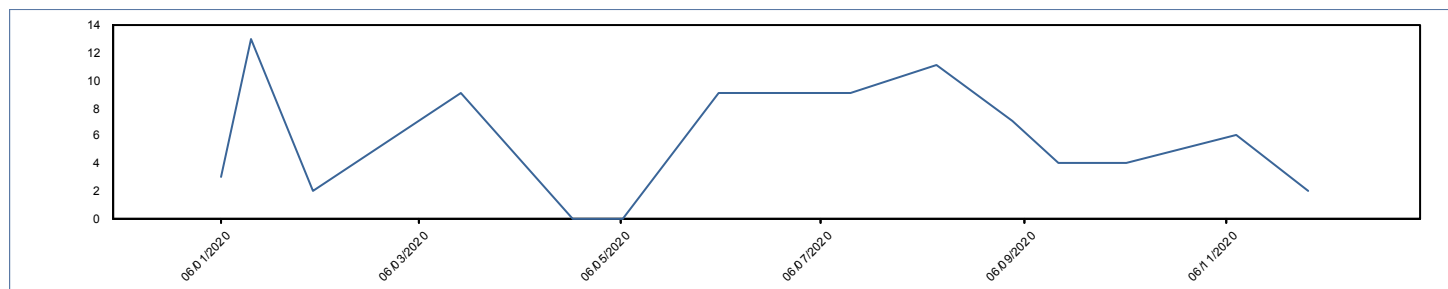
CHIR0070

Number of readings

15

Number of breaches

0



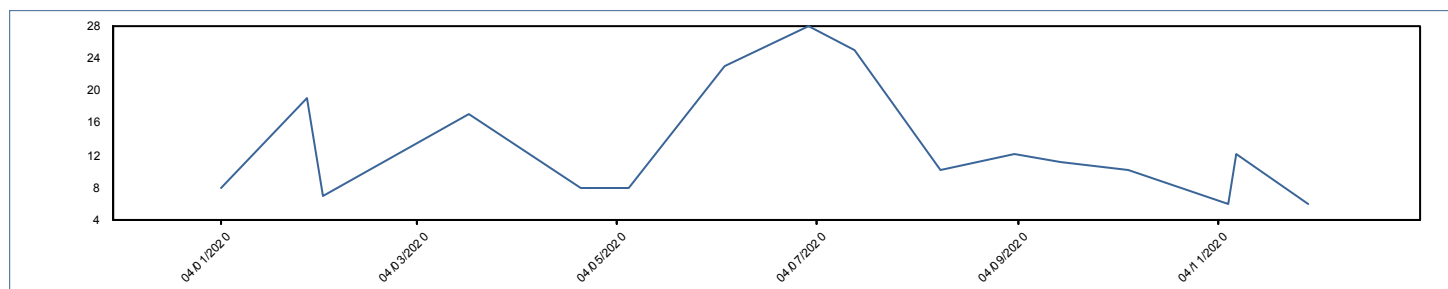
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

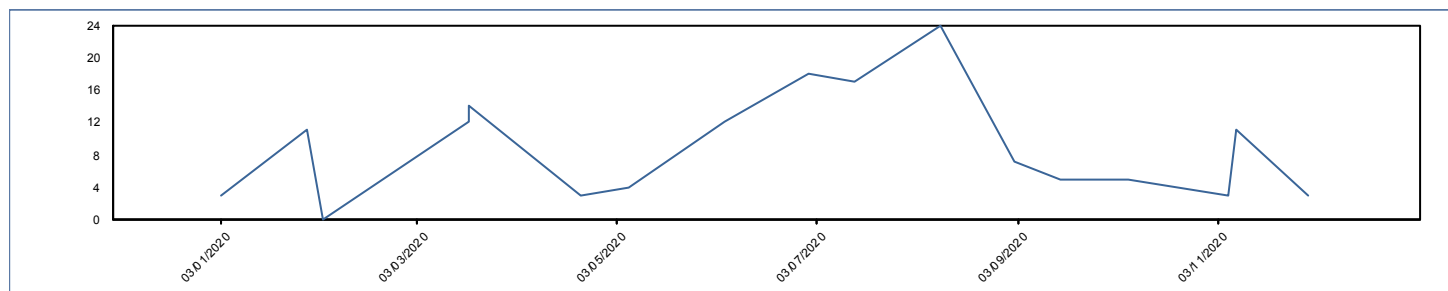
CHIR0073

Number of readings

18

Number of breaches

0



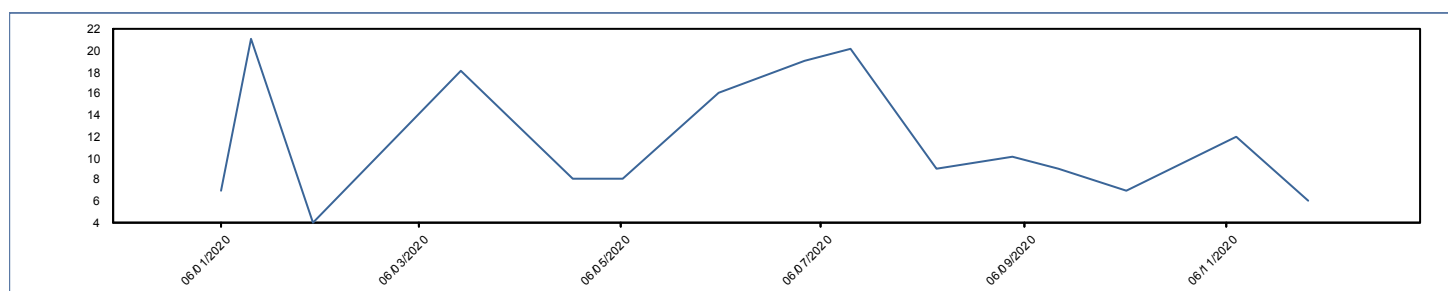
CHIR0074

Number of readings

15

Number of breaches

0



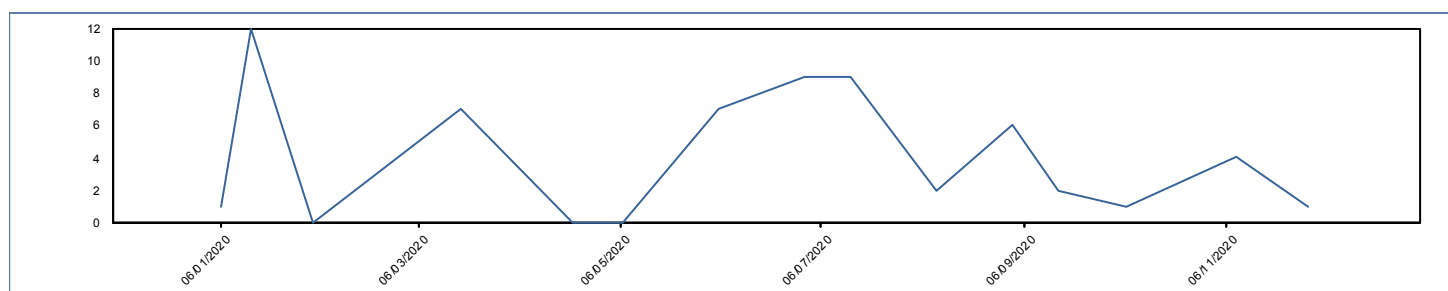
CHIR0079

Number of readings

15

Number of breaches

0



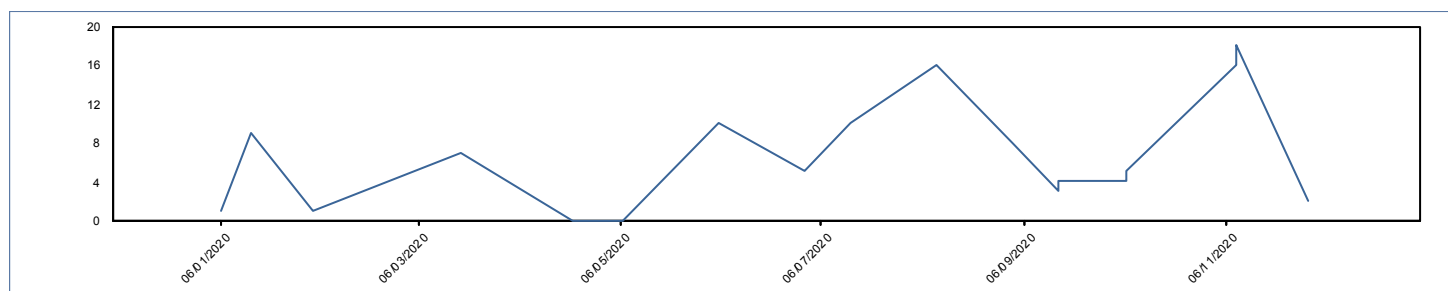
CHIR0080

Number of readings

23

Number of breaches

0



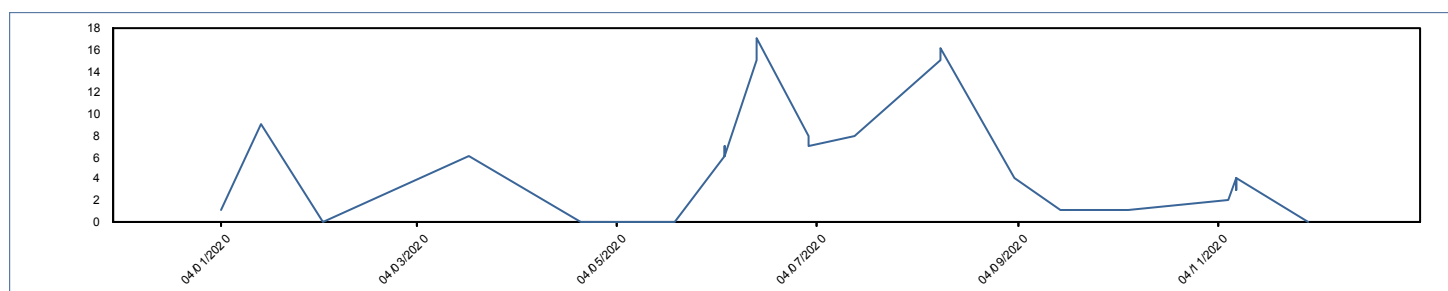
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

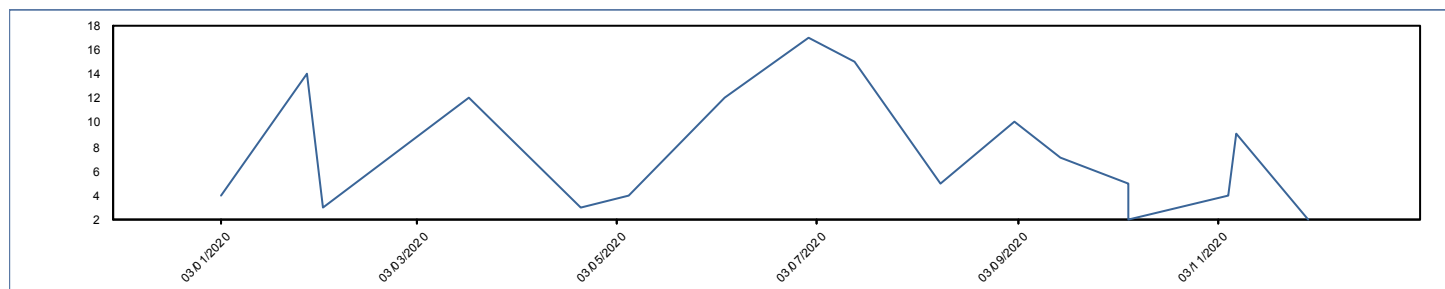
CHIR0091

Number of readings

17

Number of breaches

0



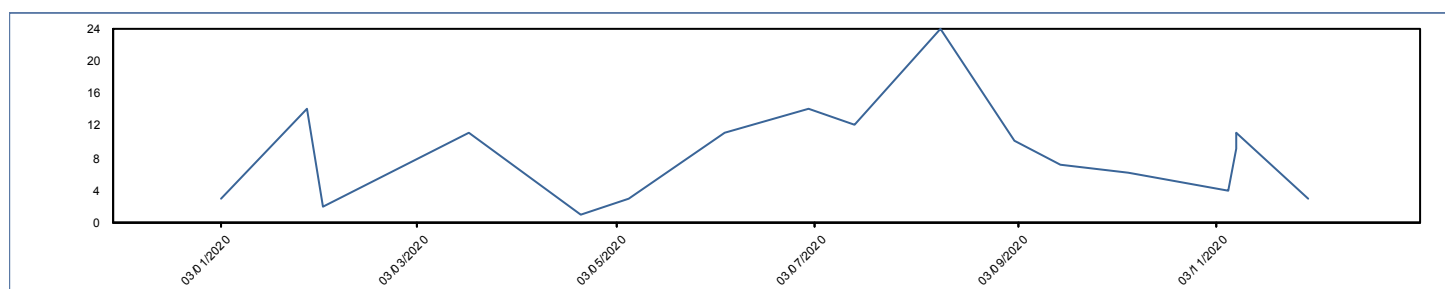
CHIR0093

Number of readings

17

Number of breaches

0



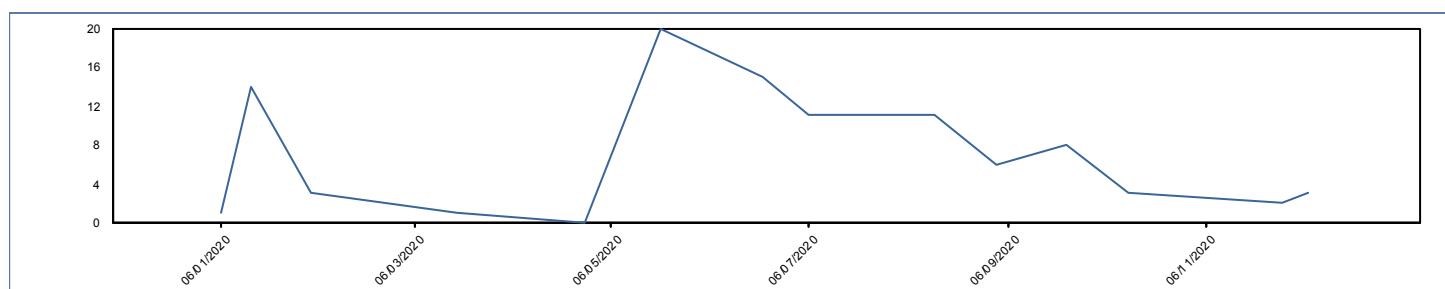
CHIR252R

Number of readings

14

Number of breaches

0



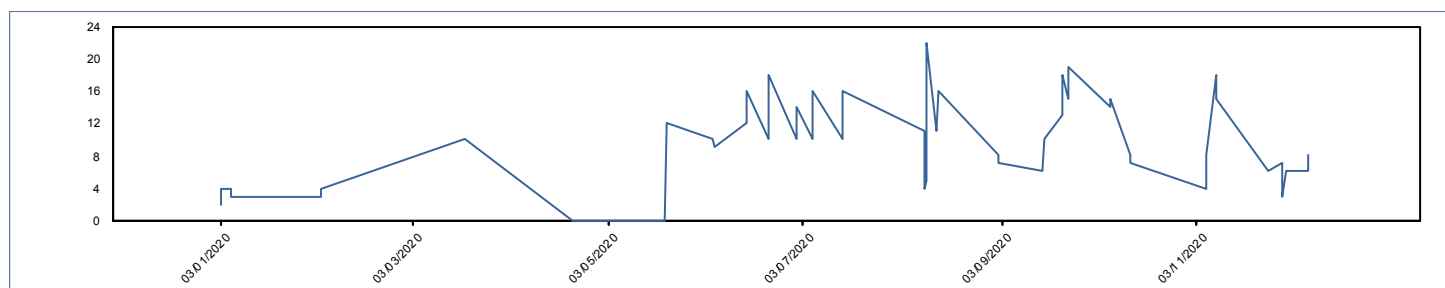
CHISITE1

Number of readings

57

Number of breaches

0



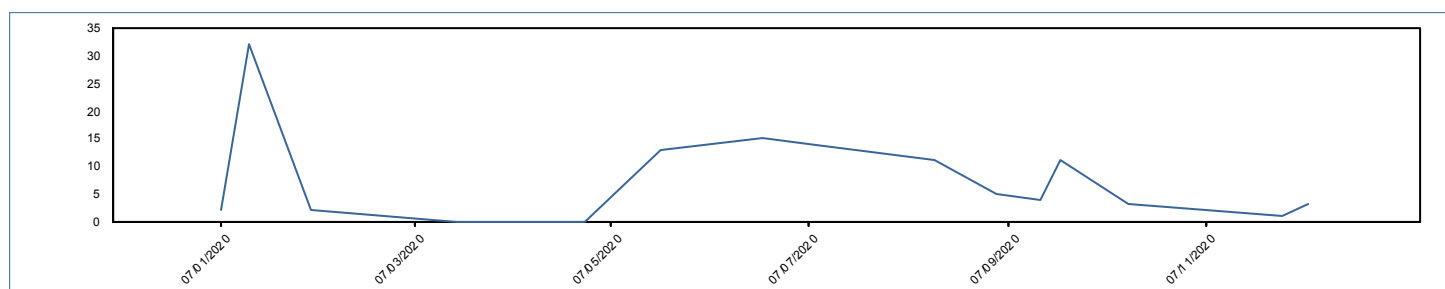
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

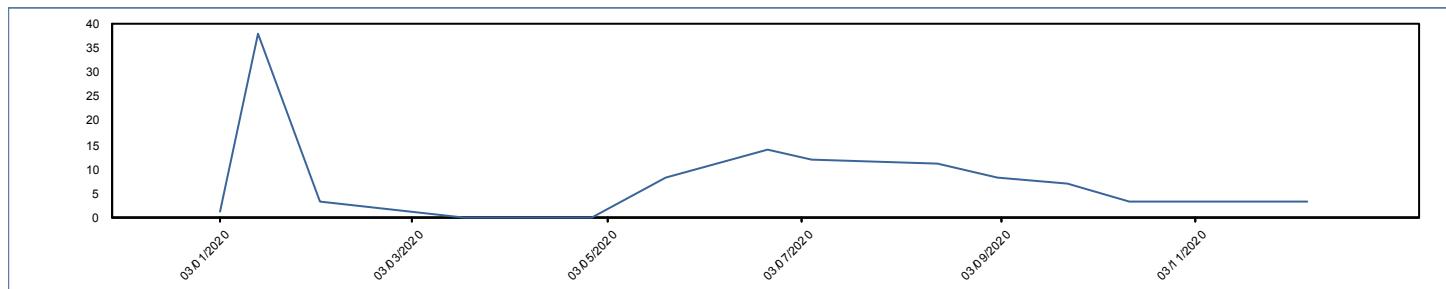
CHIW0065

Number of readings

14

Number of breaches

0



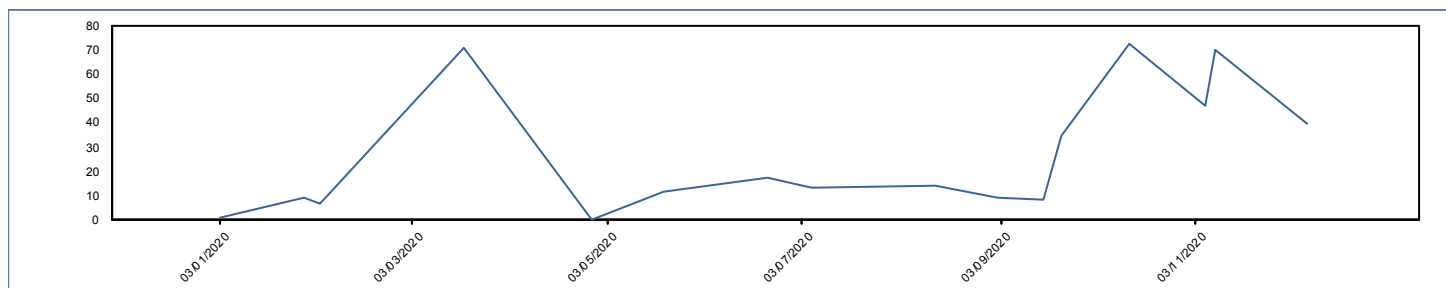
CHIW0066

Number of readings

16

Number of breaches

0



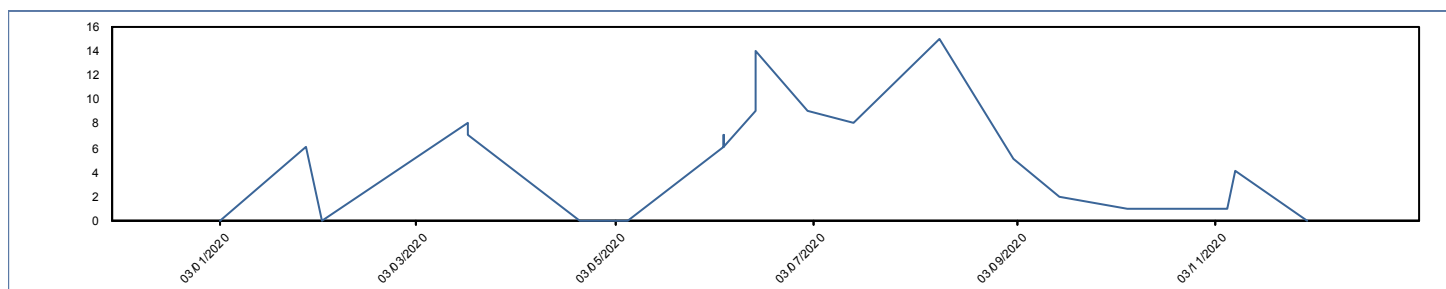
CHIW0067

Number of readings

37

Number of breaches

0



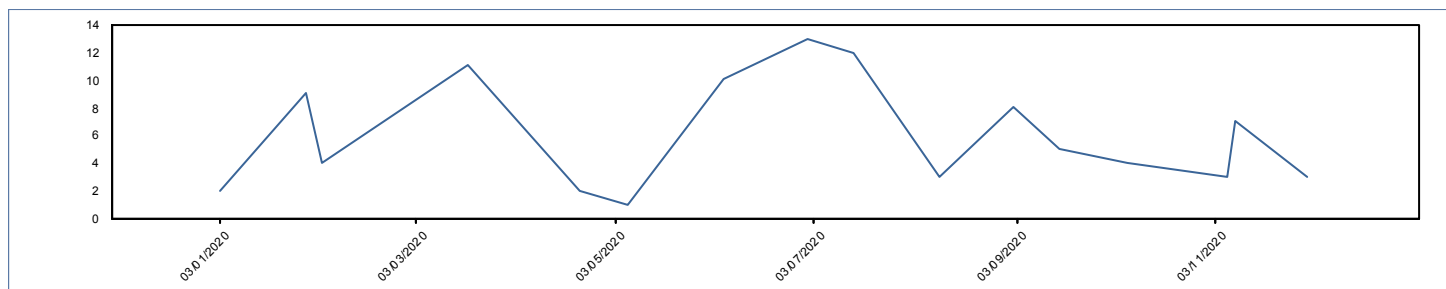
CHIW0068

Number of readings

16

Number of breaches

0



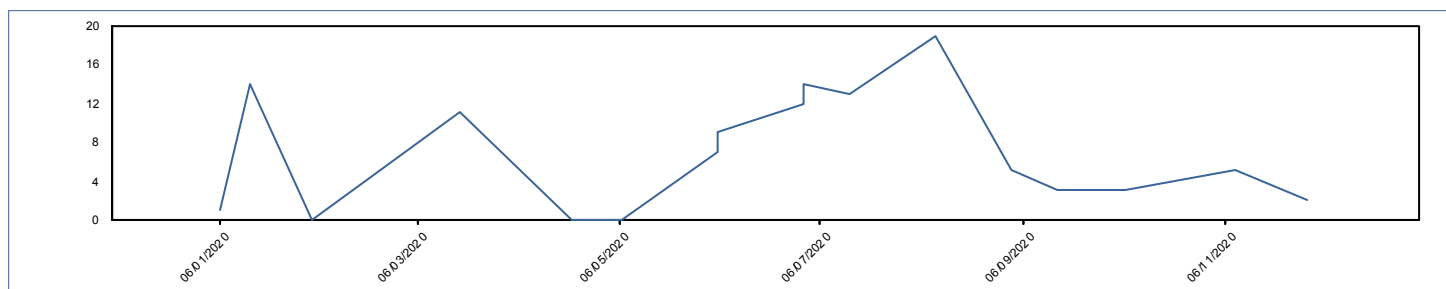
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

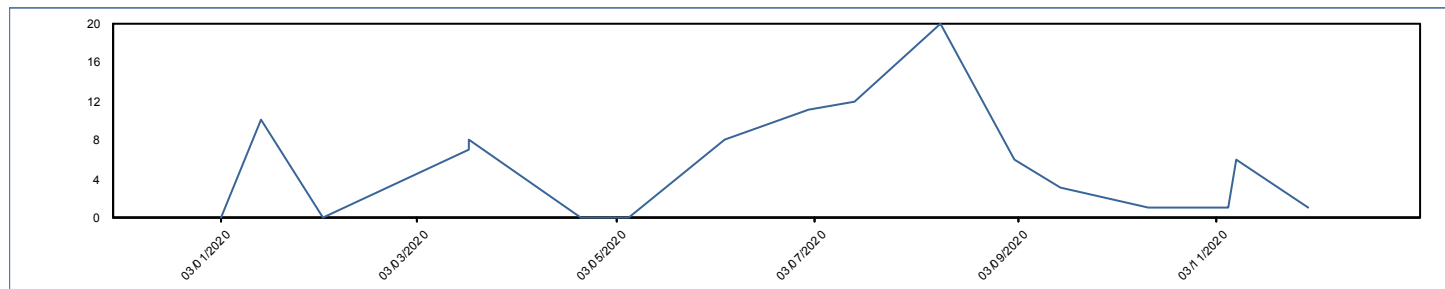
CHI0082

Number of readings

19

Number of breaches

0



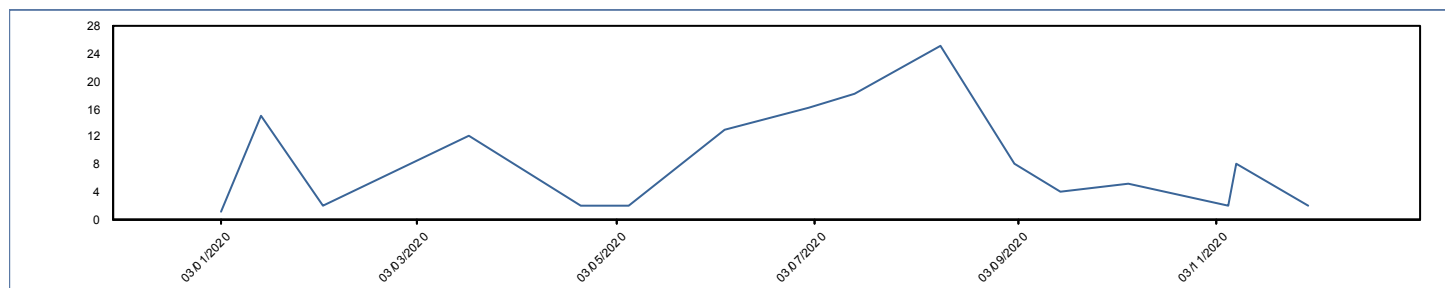
CHI0083

Number of readings

16

Number of breaches

0



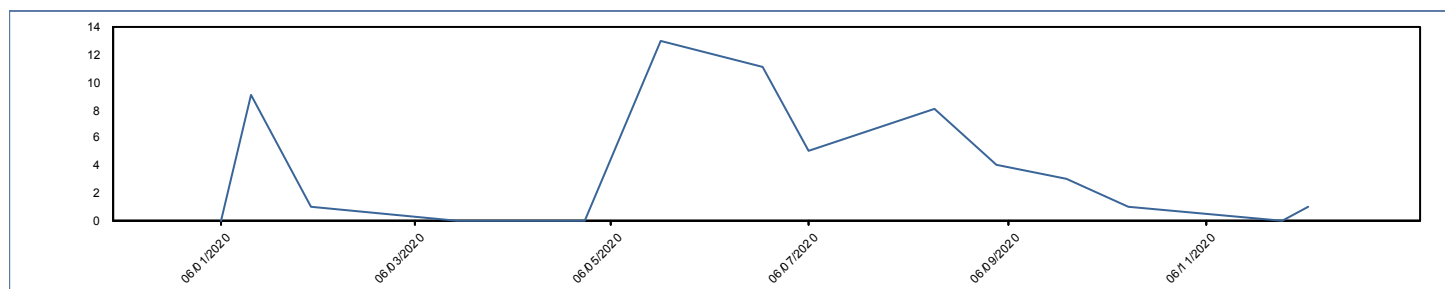
CHI0084

Number of readings

14

Number of breaches

0



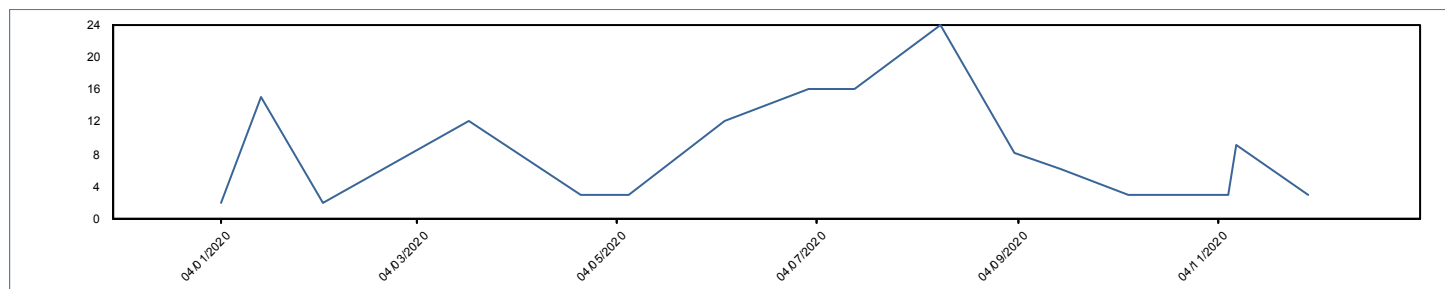
CHI0089

Number of readings

16

Number of breaches

0



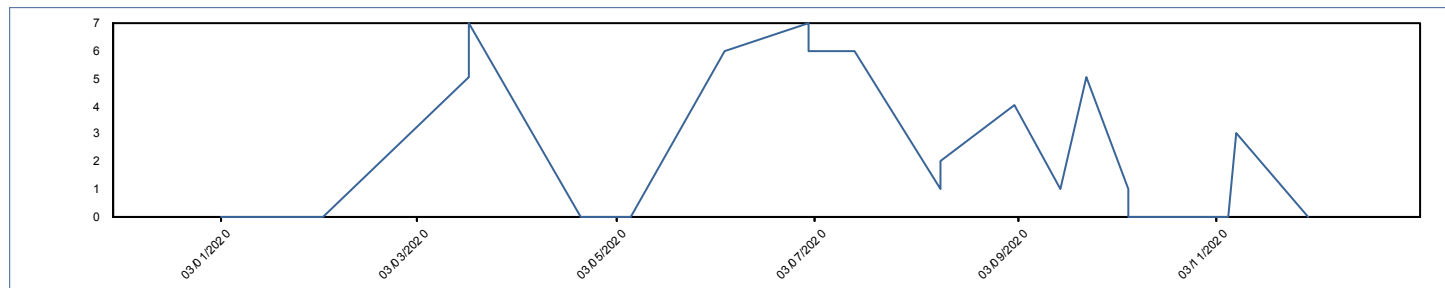
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

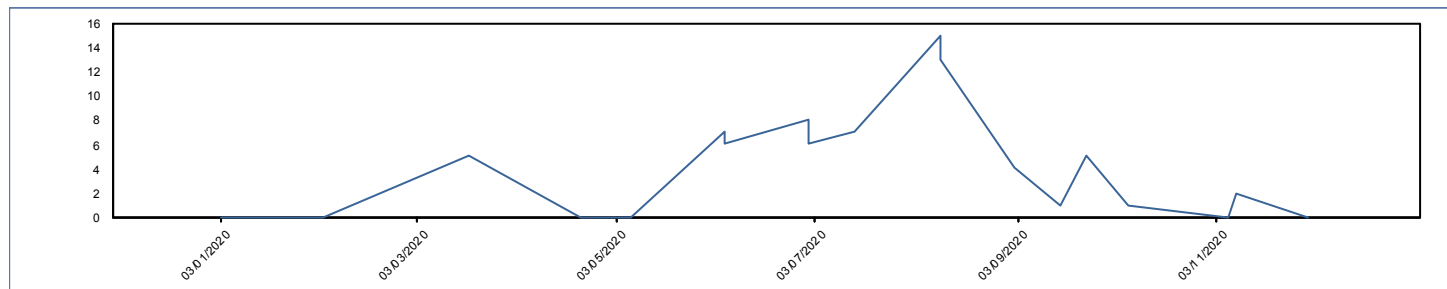
CHIW0097

Number of readings

34

Number of breaches

0



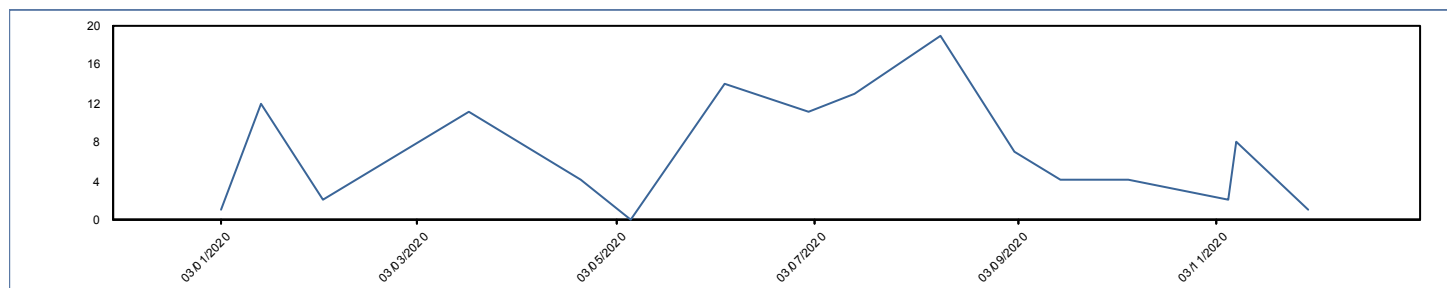
CHIW0098

Number of readings

16

Number of breaches

0



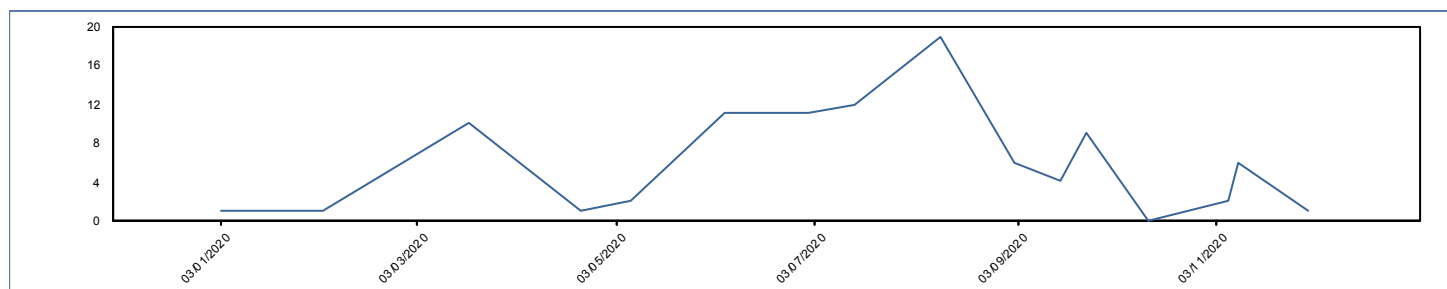
CHIW0099

Number of readings

16

Number of breaches

0



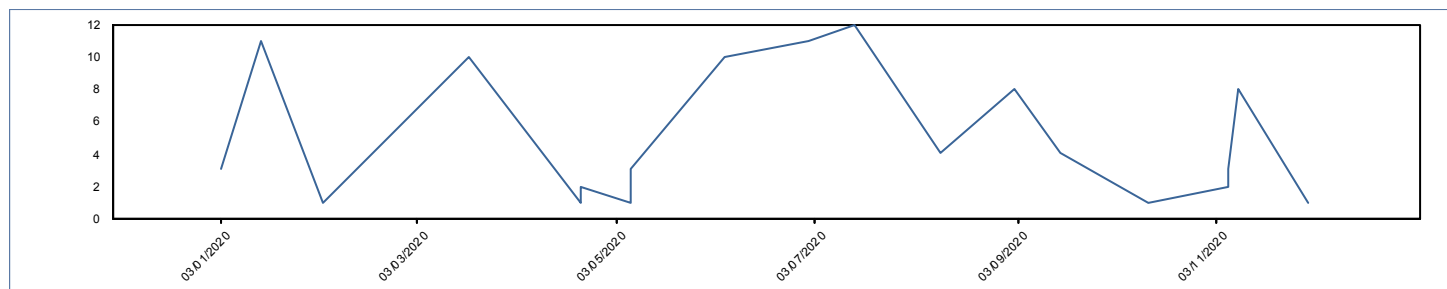
CHIW0100

Number of readings

22

Number of breaches

0



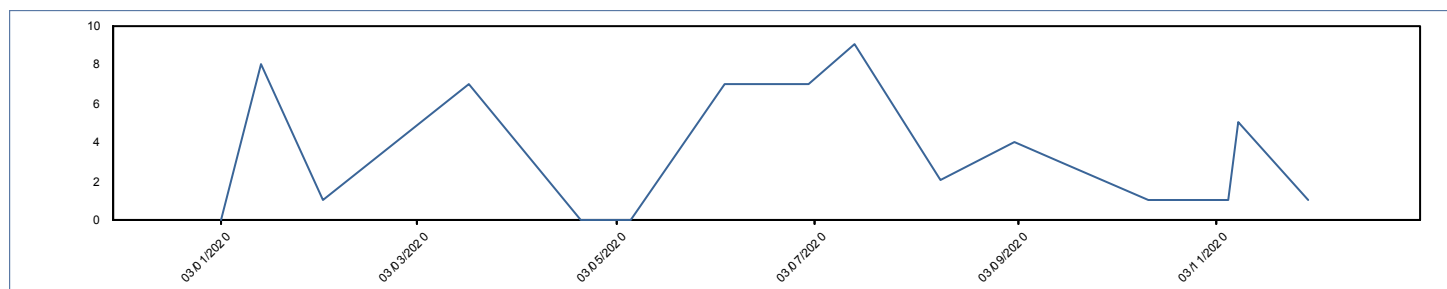
CHIW0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

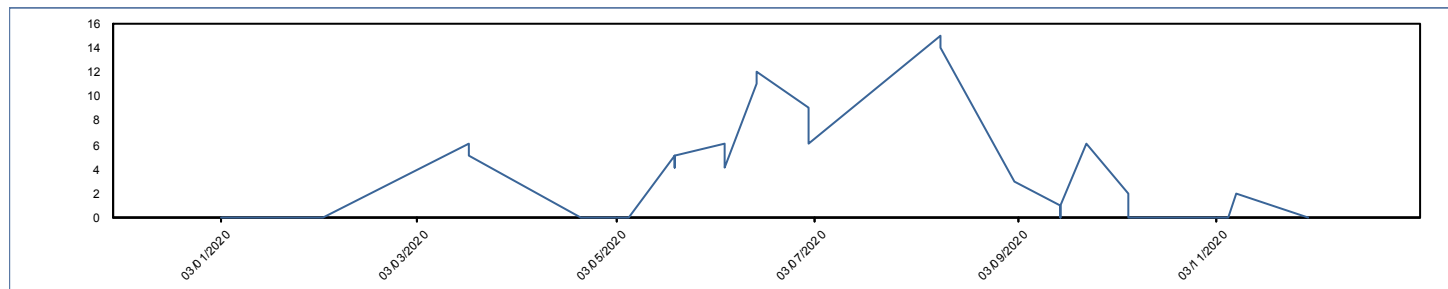
CHIWO102

Number of readings

39

Number of breaches

0



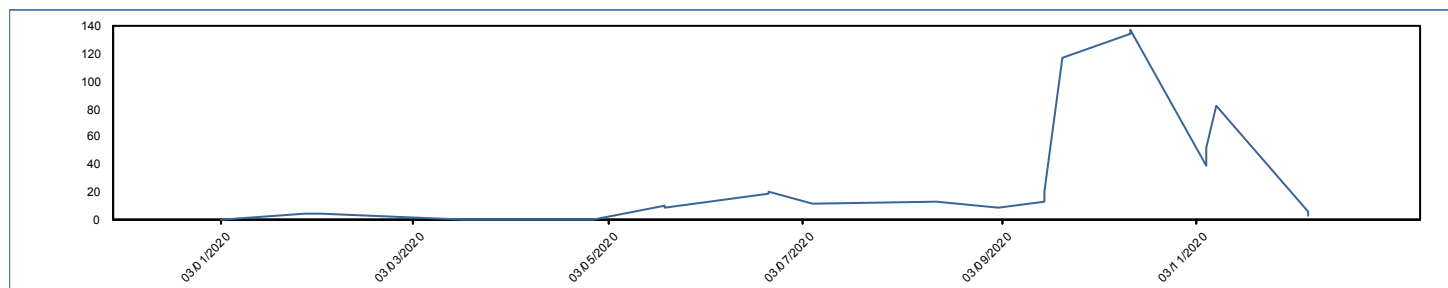
CHIWO103

Number of readings

24

Number of breaches

0



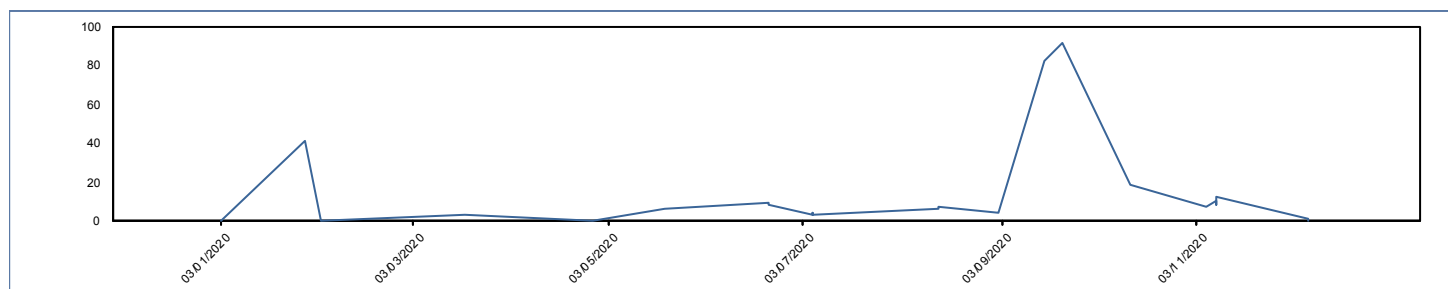
CHIWO104

Number of readings

30

Number of breaches

0



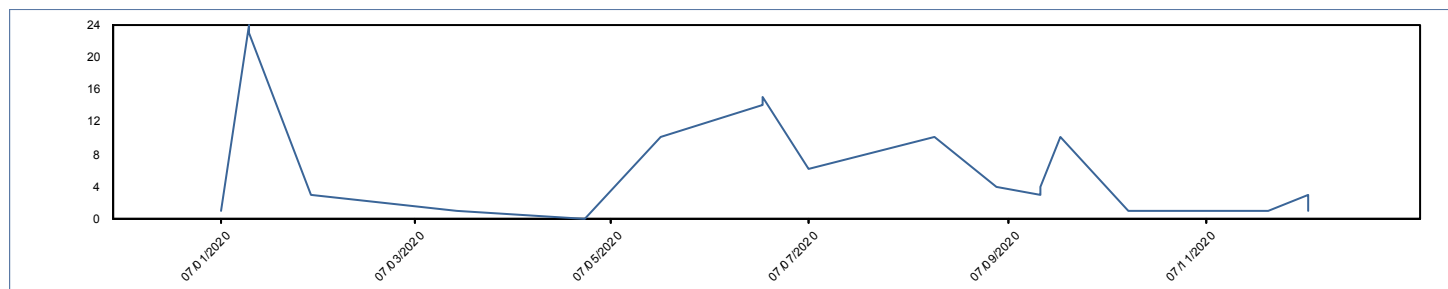
CHIWO105

Number of readings

24

Number of breaches

0



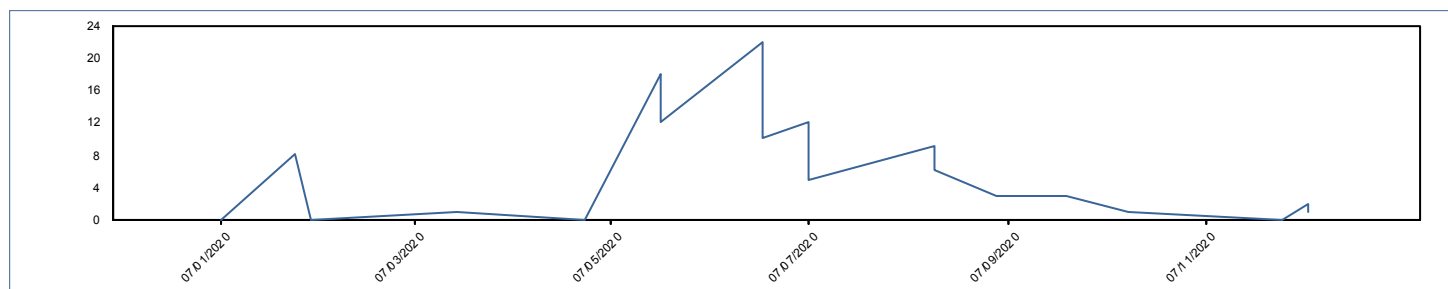
CHIWO106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

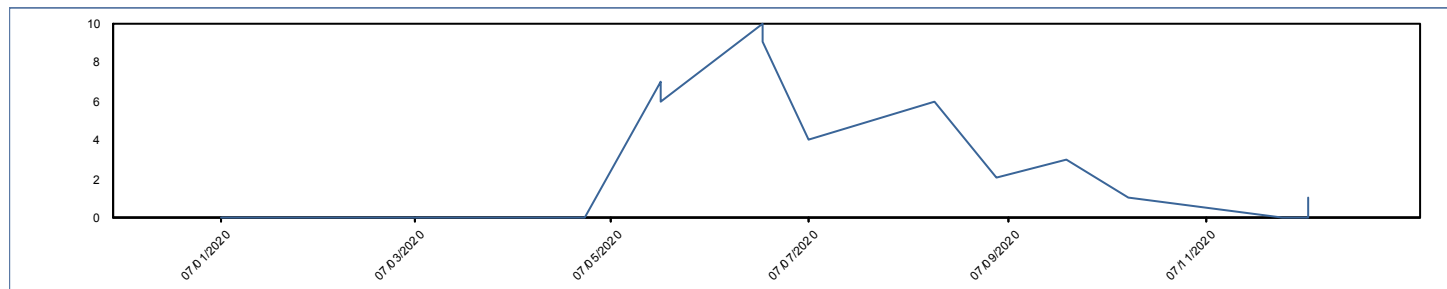
CHIWO107

Number of readings

25

Number of breaches

0



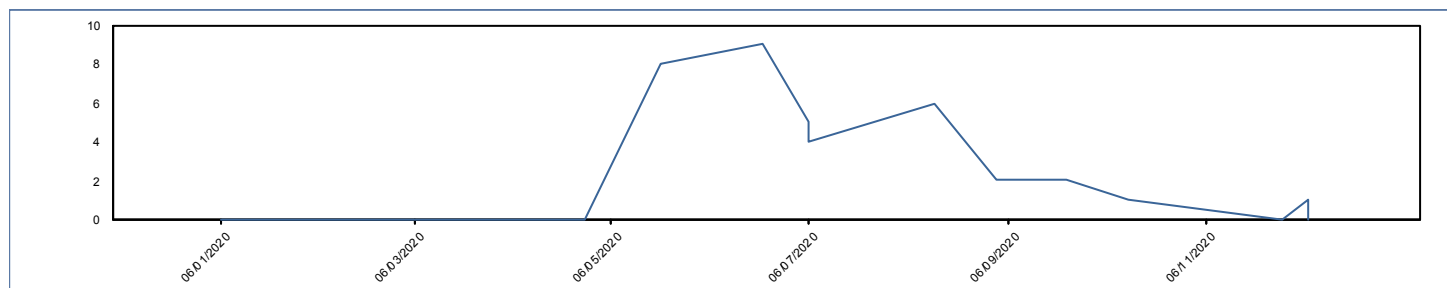
CHIWO108

Number of readings

25

Number of breaches

0



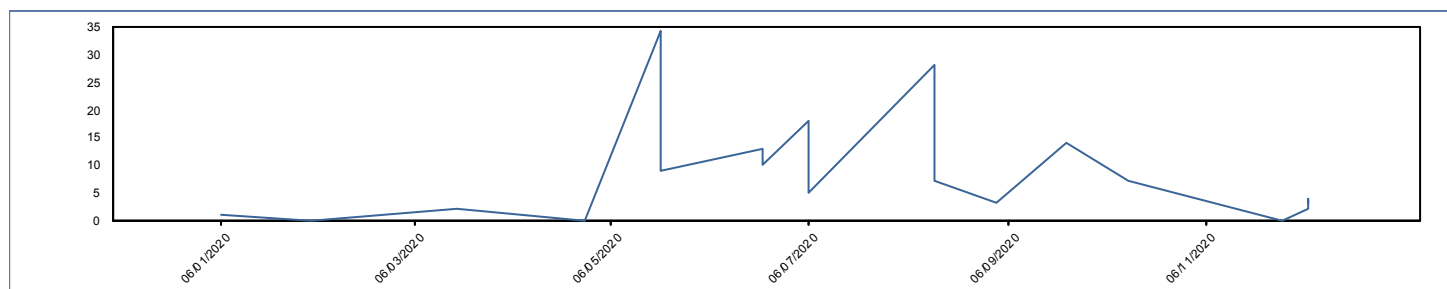
CHIWO109

Number of readings

25

Number of breaches

0



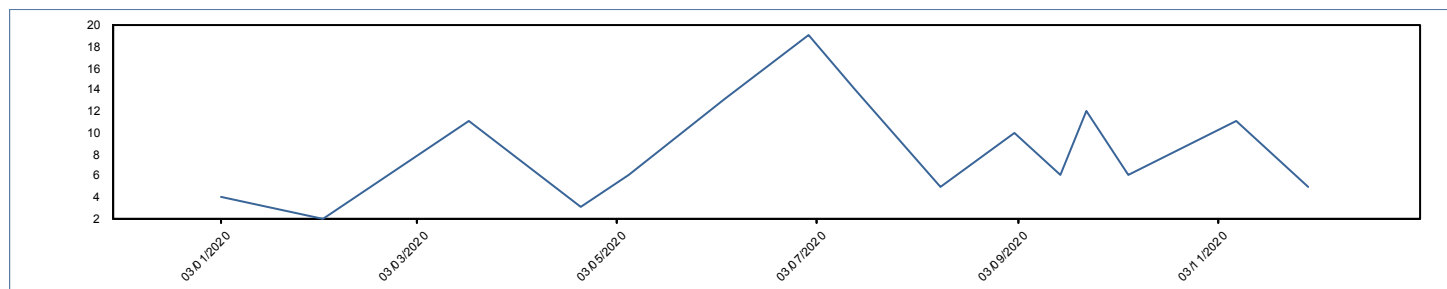
CHIWO110

Number of readings

15

Number of breaches

0



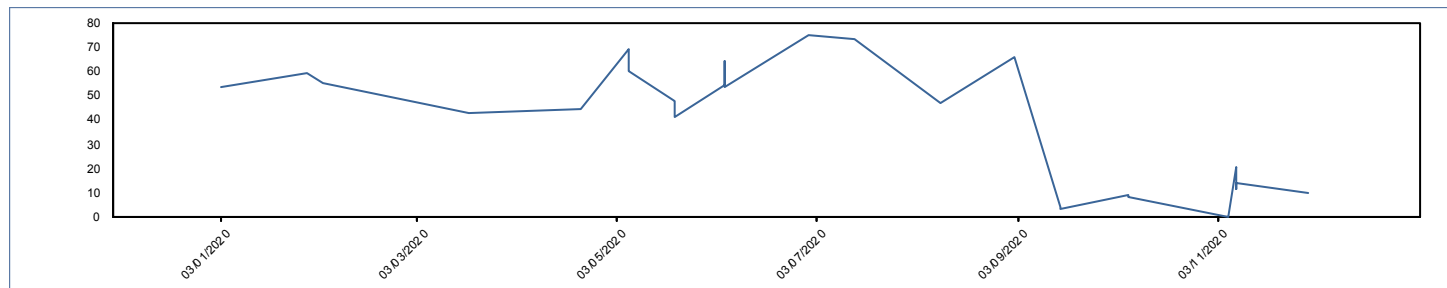
CHIWO111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

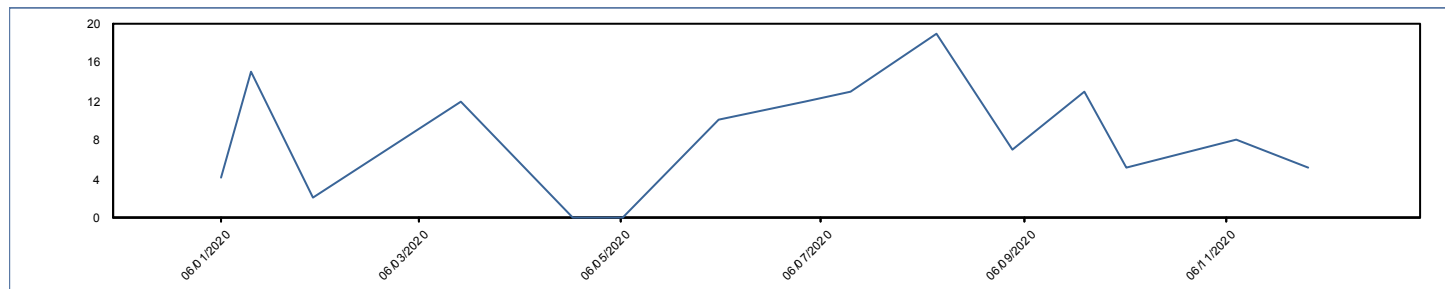
CHIWO112

Number of readings

15

Number of breaches

0



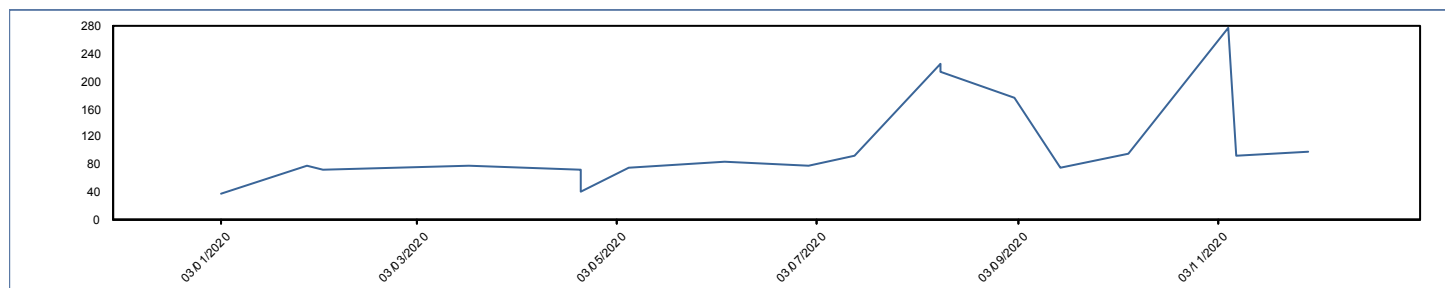
CHIWO113

Number of readings

20

Number of breaches

0



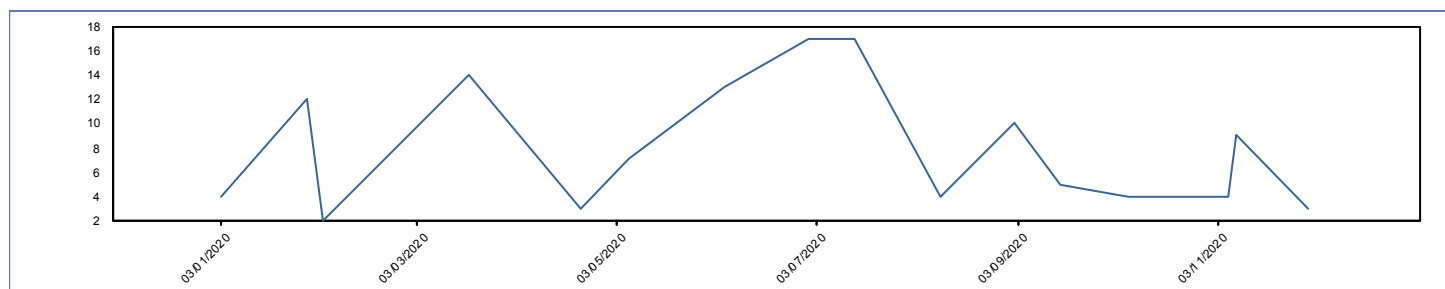
CHIWO115

Number of readings

16

Number of breaches

0



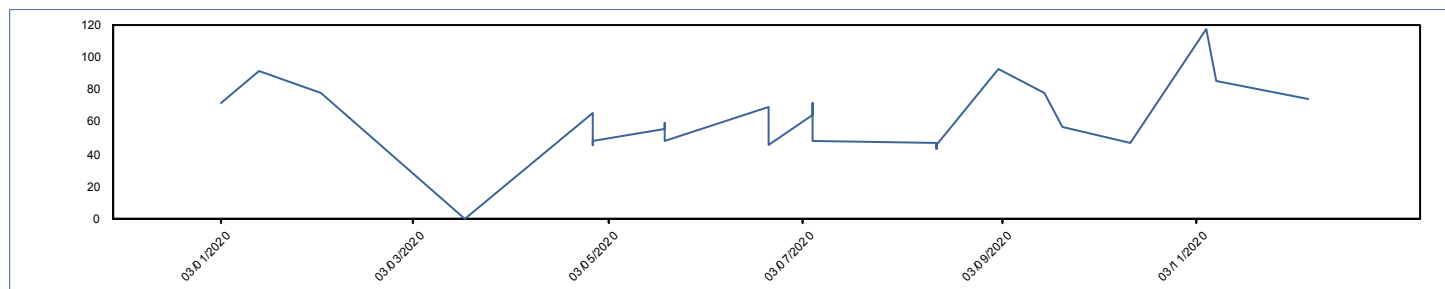
CHIWO116

Number of readings

26

Number of breaches

0



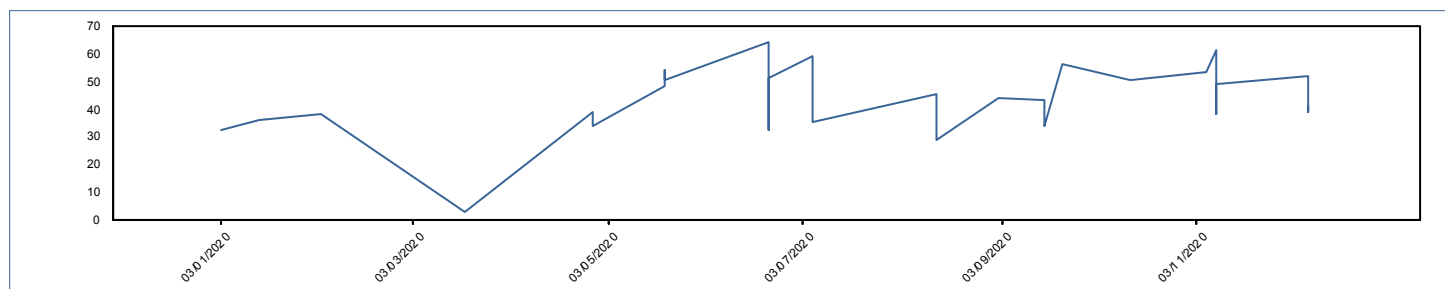
CHIWO117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

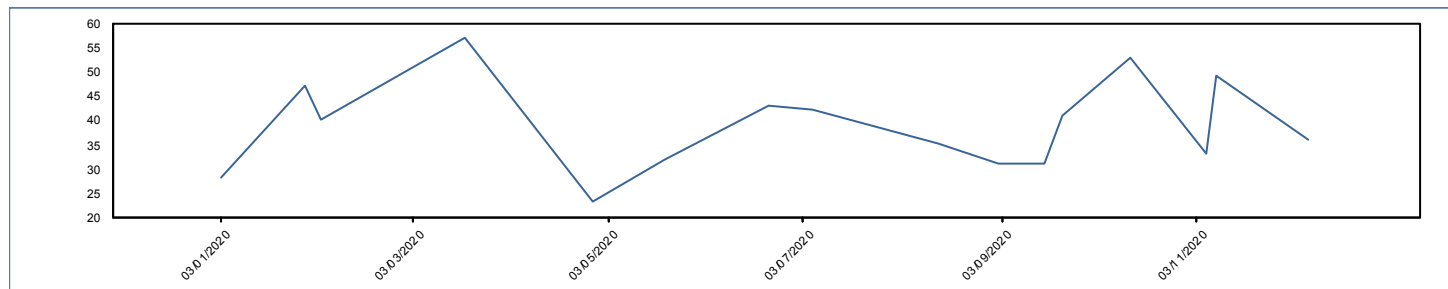
CHIWO118

Number of readings

16

Number of breaches

0



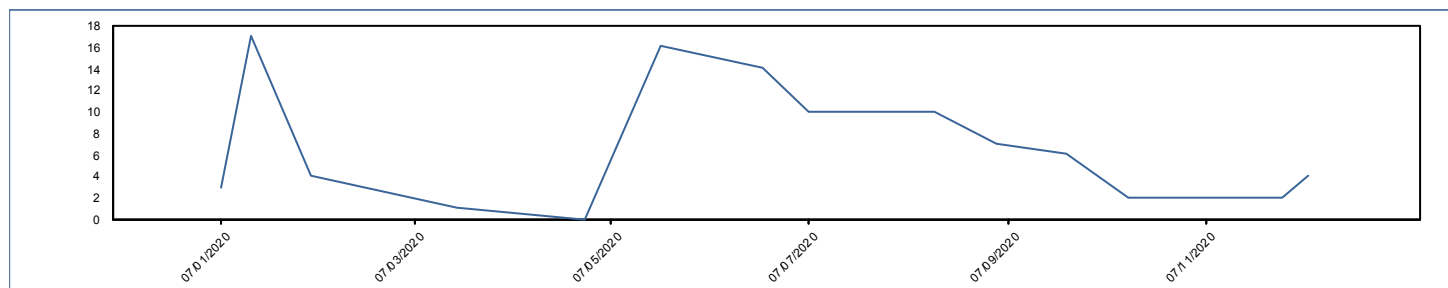
CHIWO120

Number of readings

14

Number of breaches

0



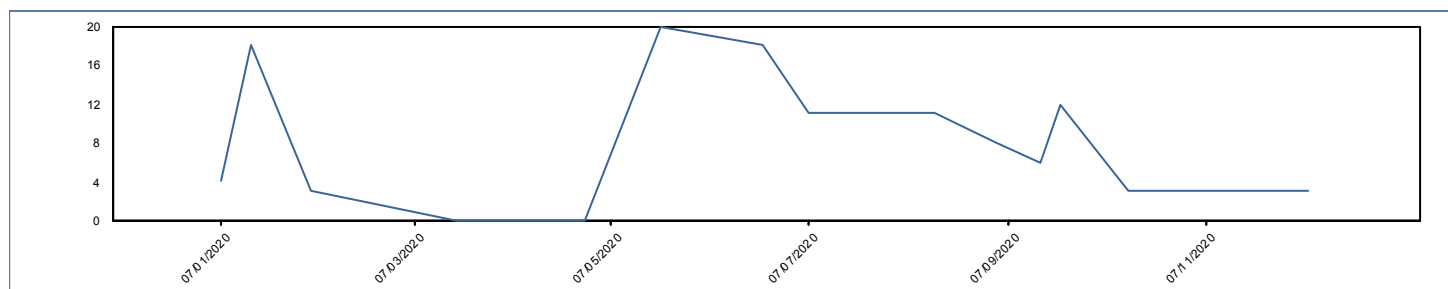
CHIWO121

Number of readings

15

Number of breaches

0



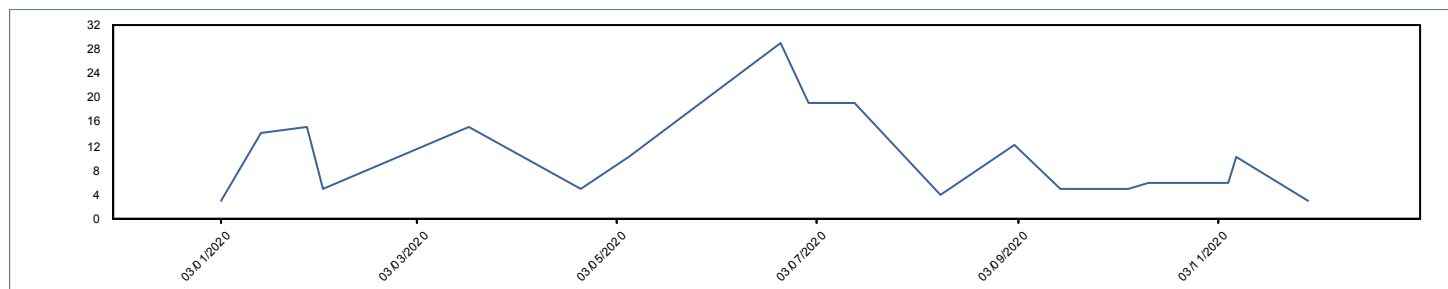
CHIWO123

Number of readings

18

Number of breaches

0



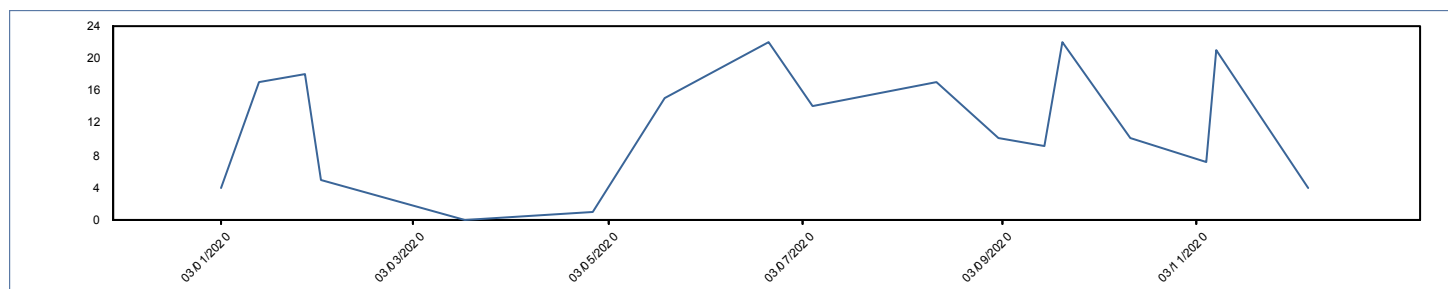
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

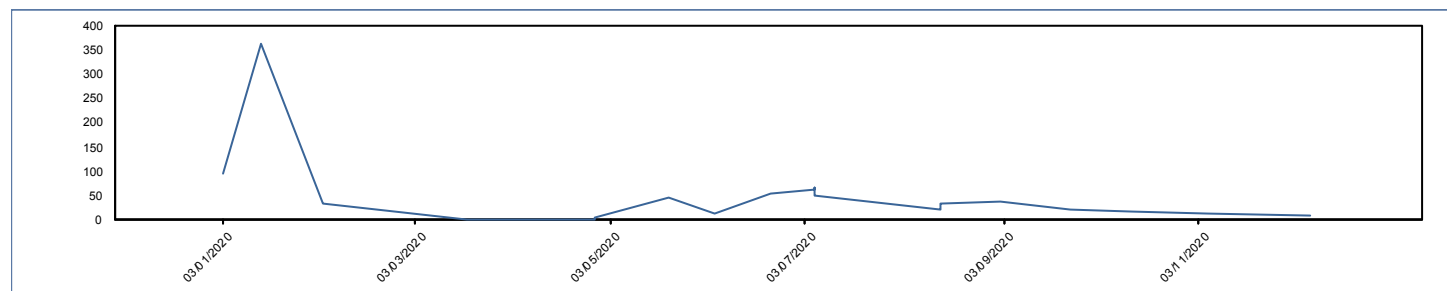
CHI0125

Number of readings

20

Number of breaches

0



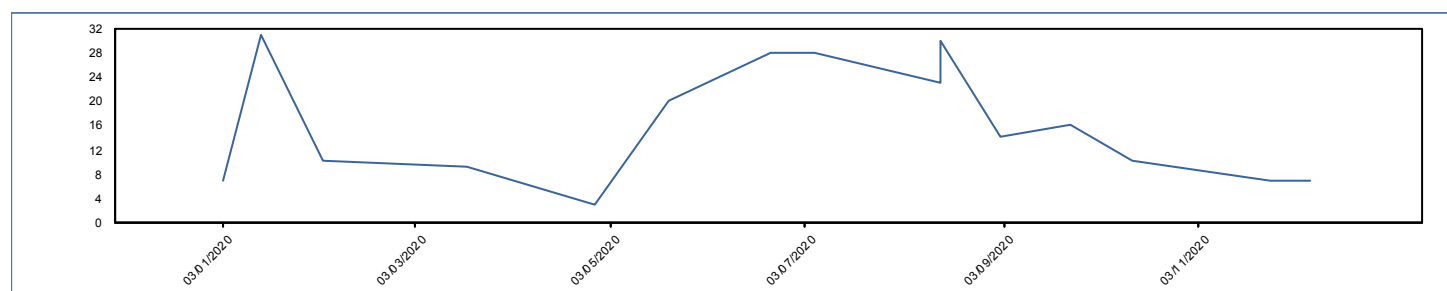
CHI0126

Number of readings

17

Number of breaches

0



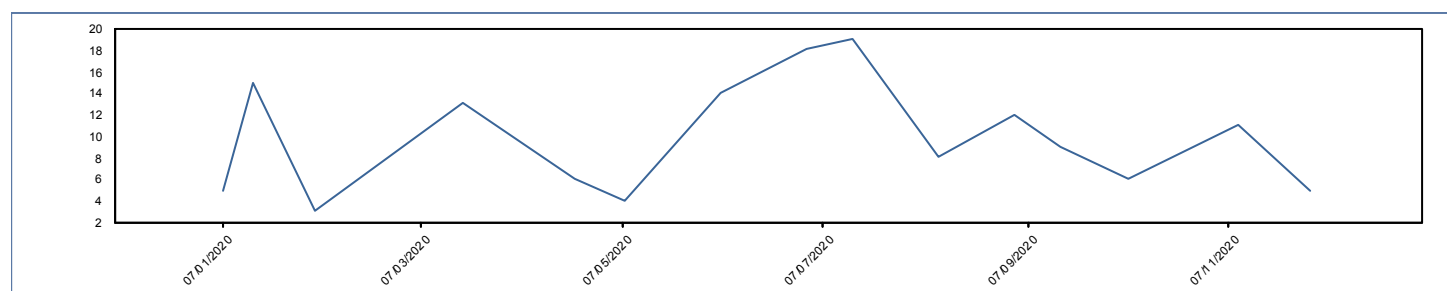
CHI0127

Number of readings

15

Number of breaches

0



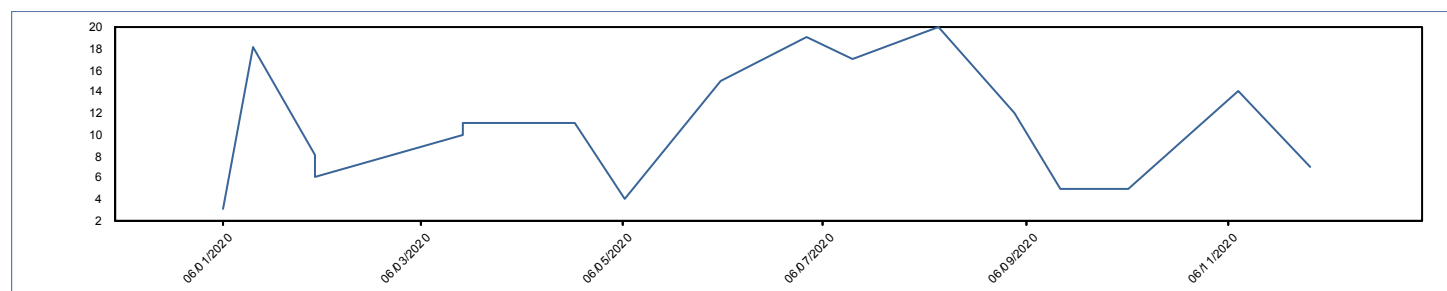
CHI0128

Number of readings

19

Number of breaches

0



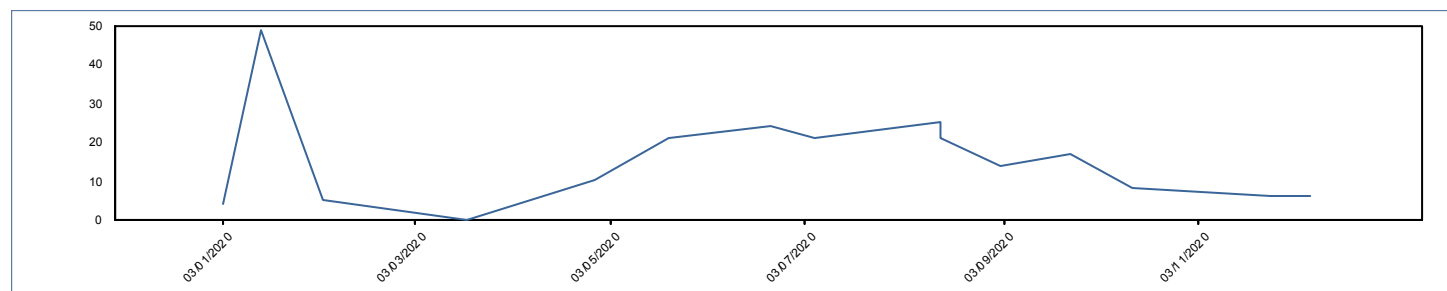
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

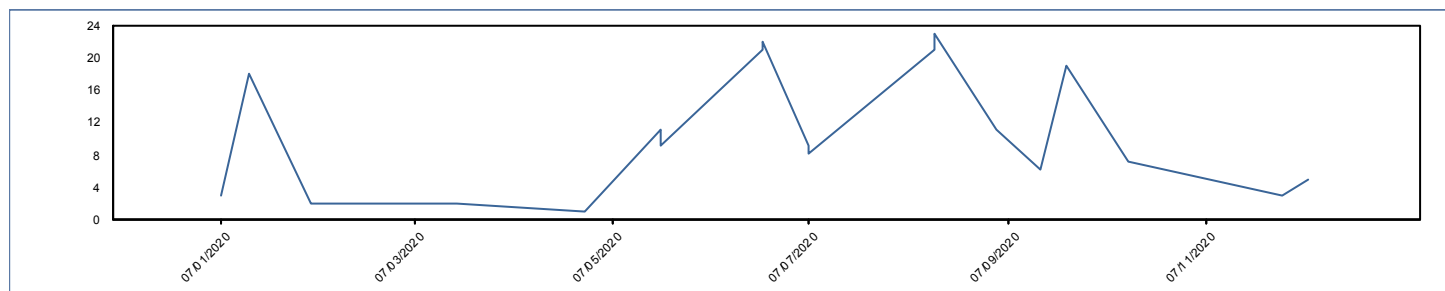
CHI1602

Number of readings

25

Number of breaches

0



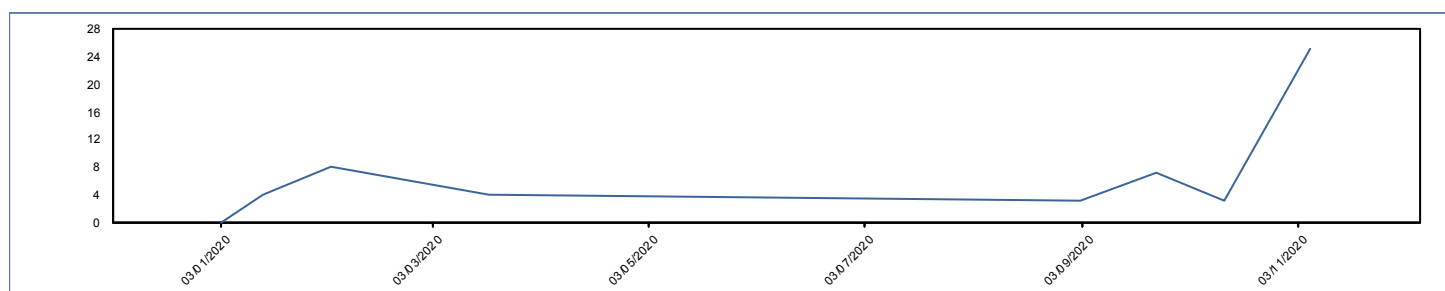
CHI1603

Number of readings

8

Number of breaches

0



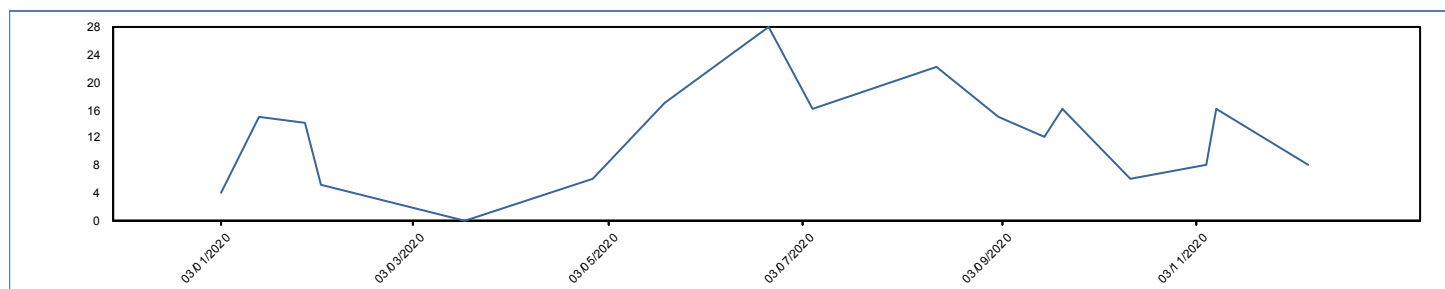
CHI1604

Number of readings

17

Number of breaches

0



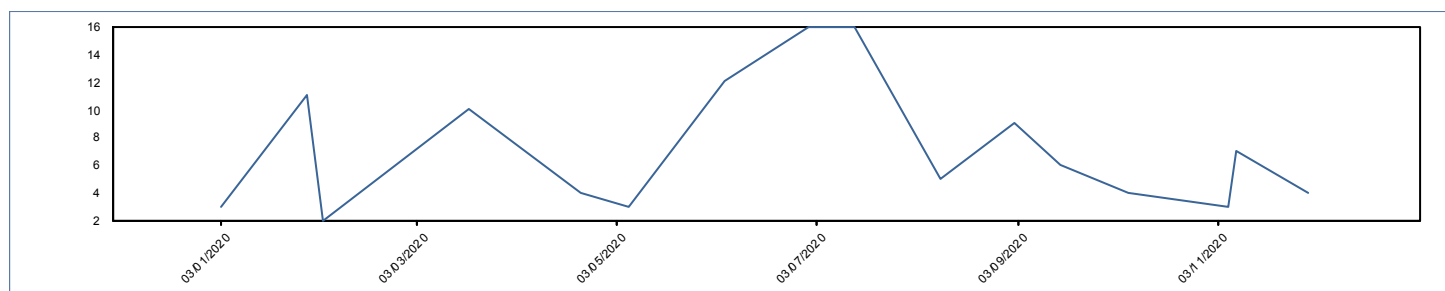
CHI1605

Number of readings

16

Number of breaches

0



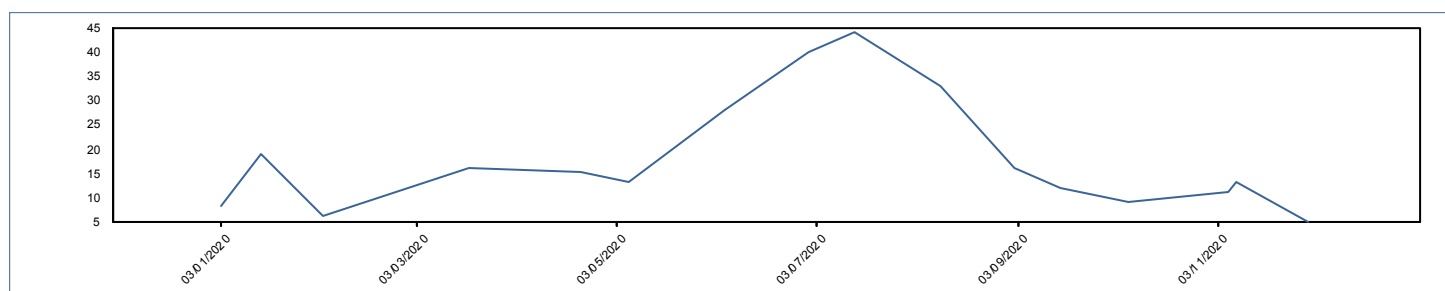
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

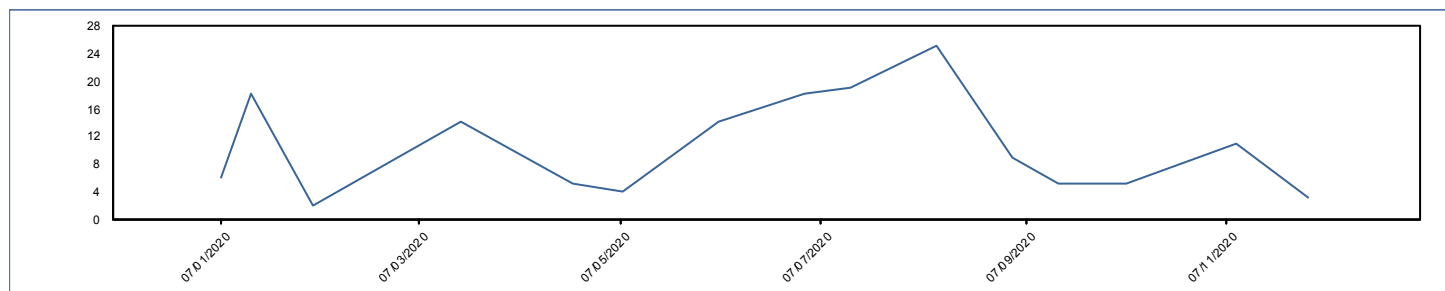
CHI1608

Number of readings

15

Number of breaches

0



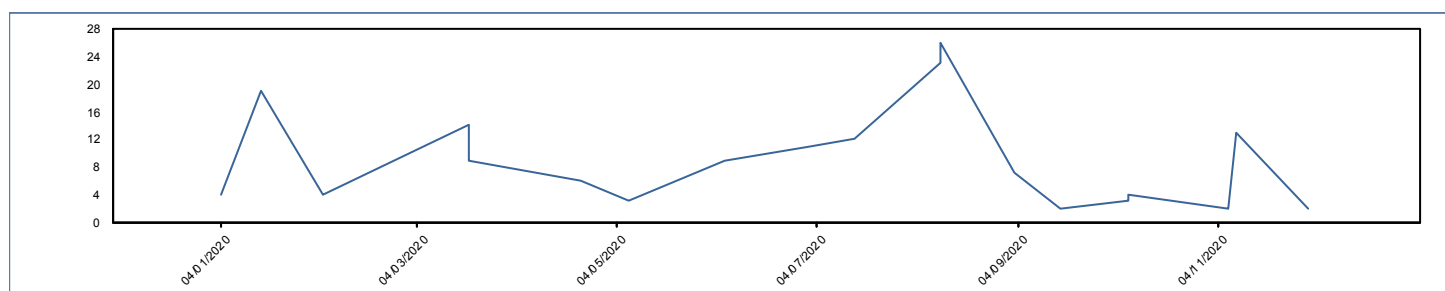
CHI1609

Number of readings

20

Number of breaches

0



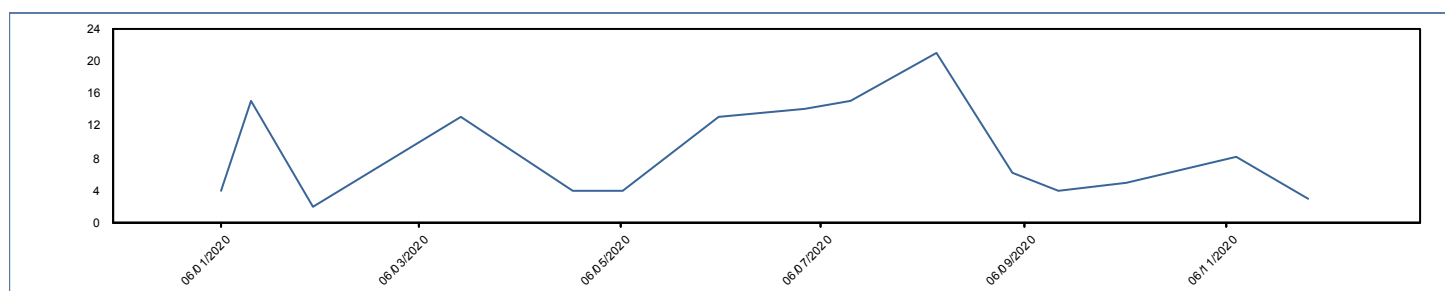
CHI1610

Number of readings

15

Number of breaches

0



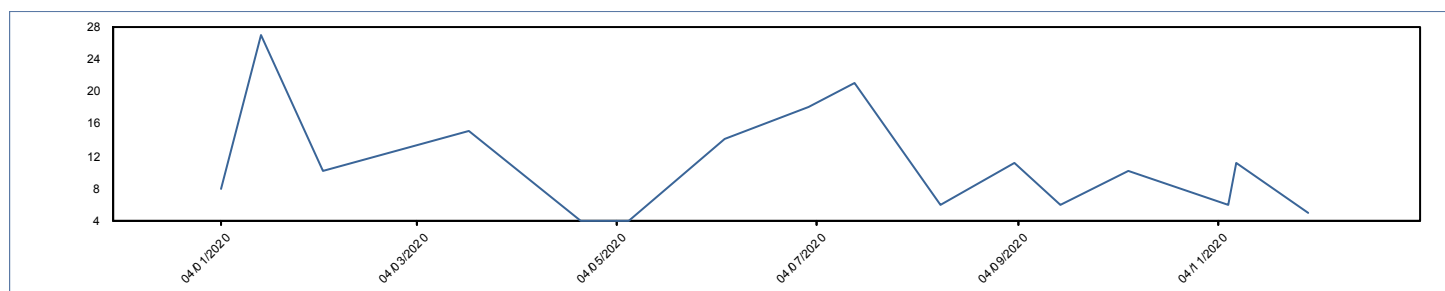
CHI1611

Number of readings

16

Number of breaches

0



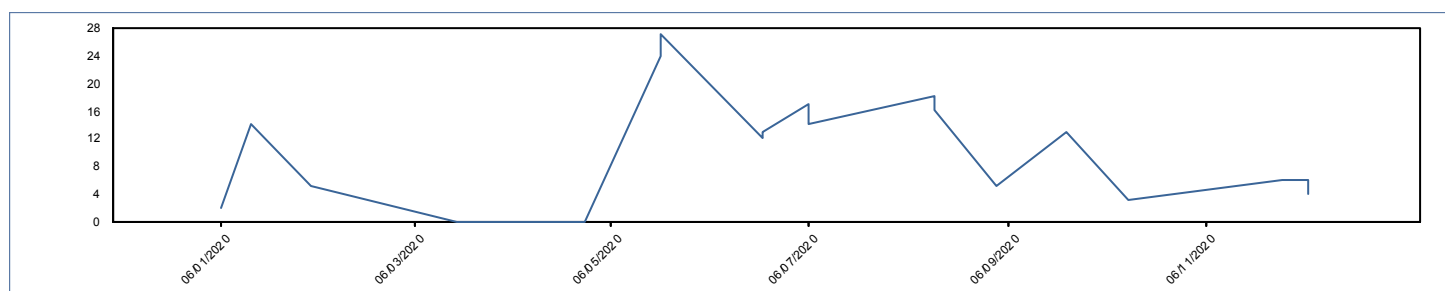
CHI1612

Number of readings

24

Number of breaches

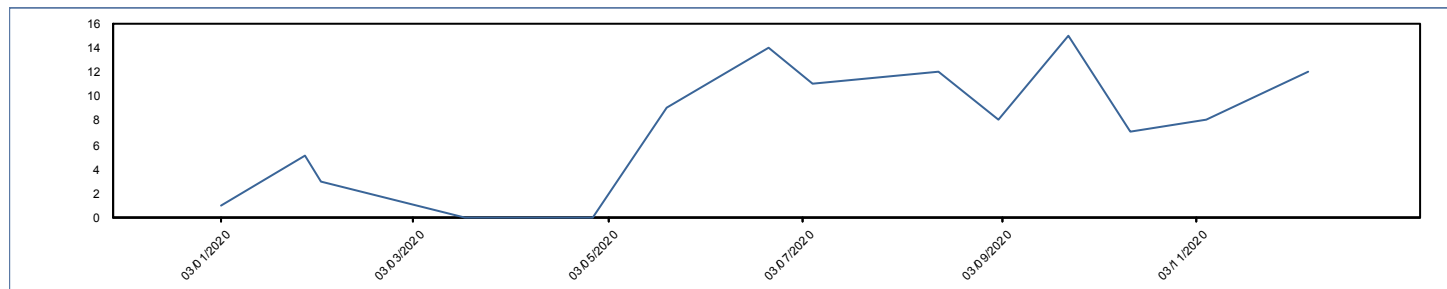
0



Data from: 1 Jan 2020 to: 31 Dec 2020

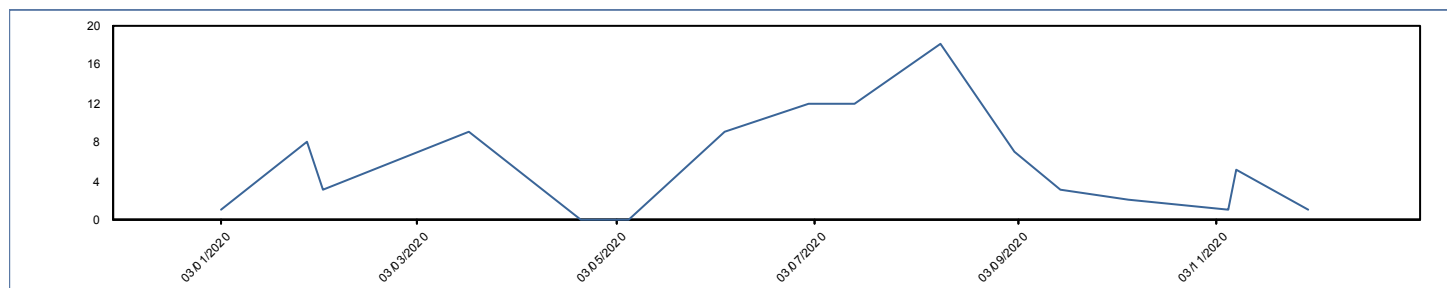
GW44

Number of readings 14 Number of breaches 0



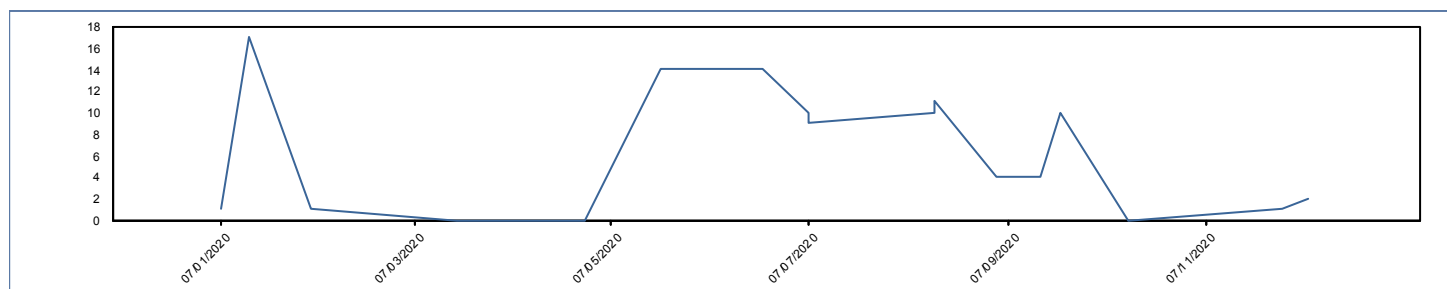
GW48

Number of readings 16 Number of breaches 0



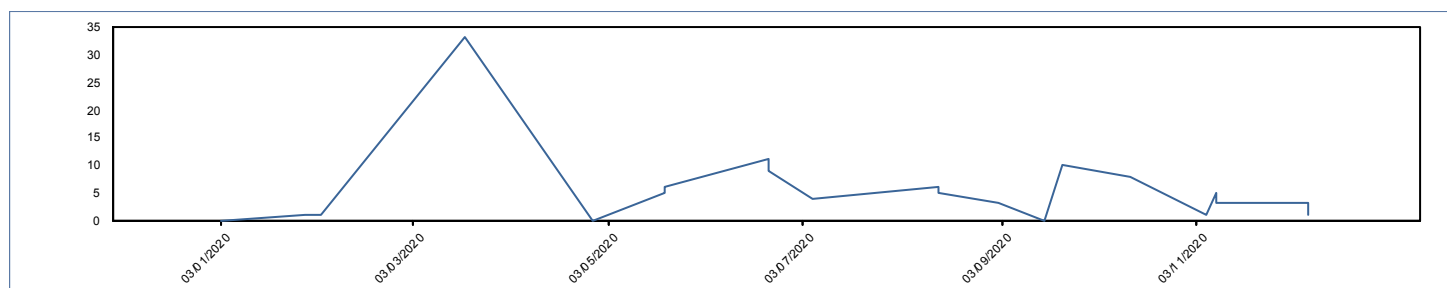
GW56

Number of readings 17 Number of breaches 0



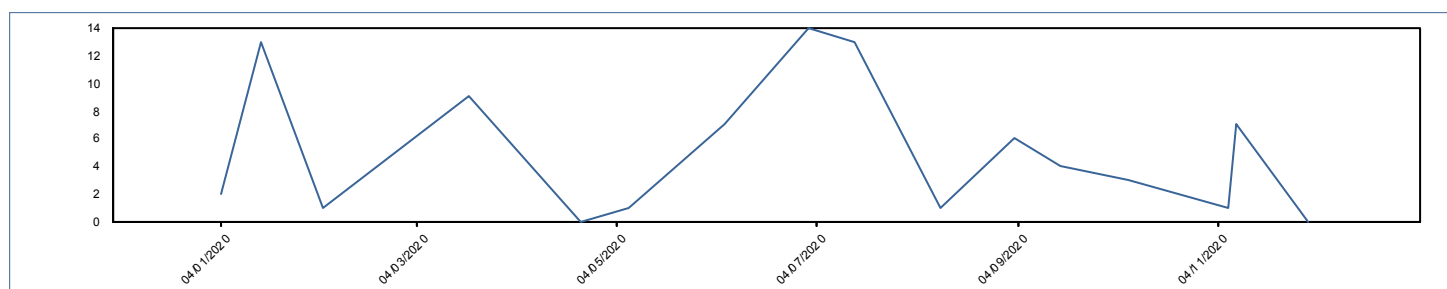
GW57

Number of readings 30 Number of breaches 0



GW88

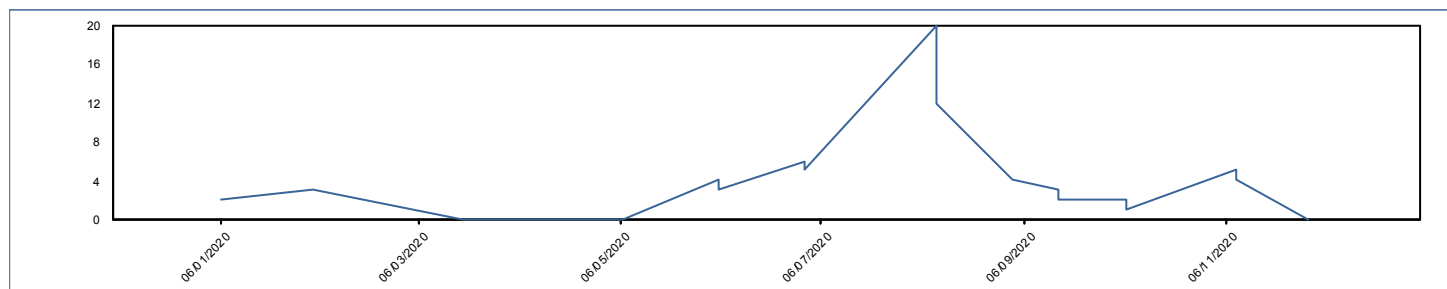
Number of readings 16 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

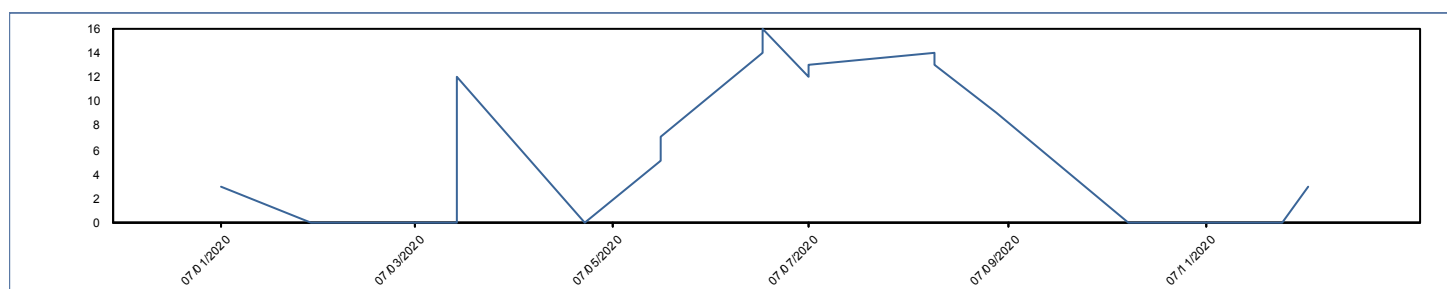
LC005A

Number of readings 29 Number of breaches 0



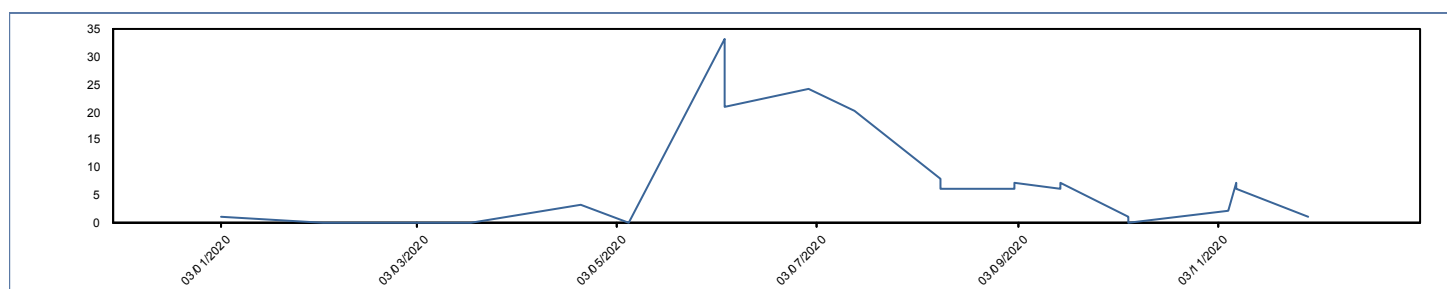
LC01B

Number of readings 24 Number of breaches 0



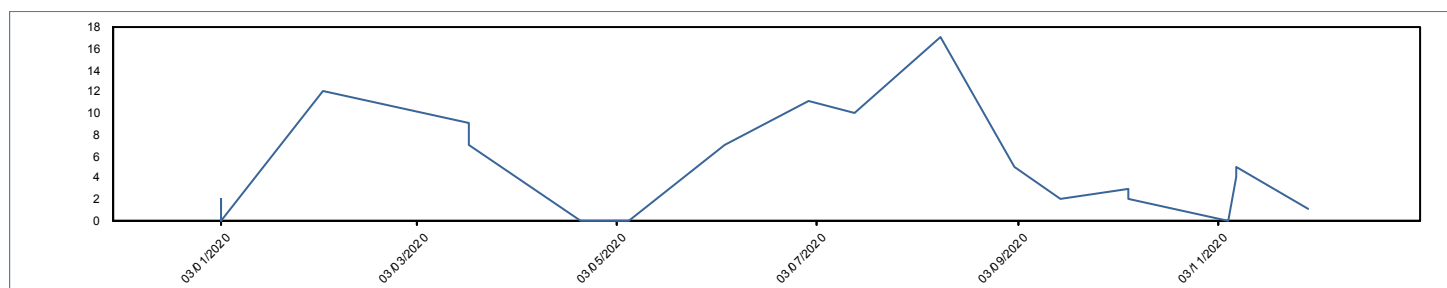
LM04B

Number of readings 28 Number of breaches 0



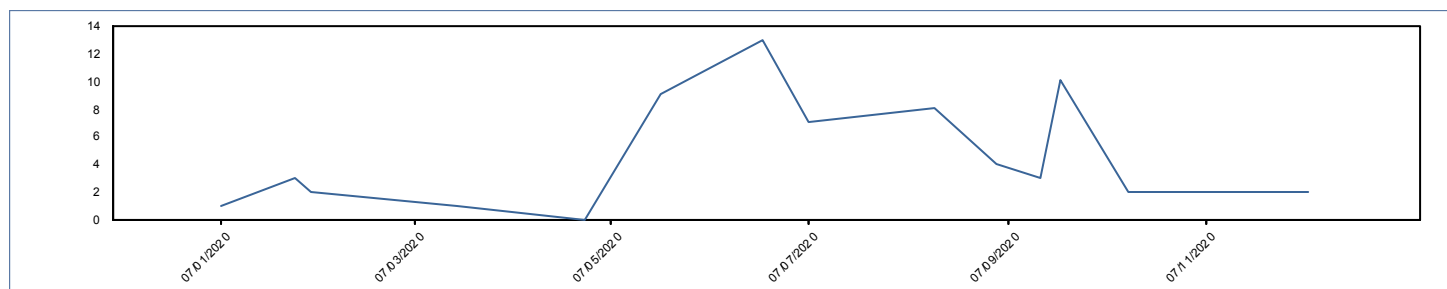
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

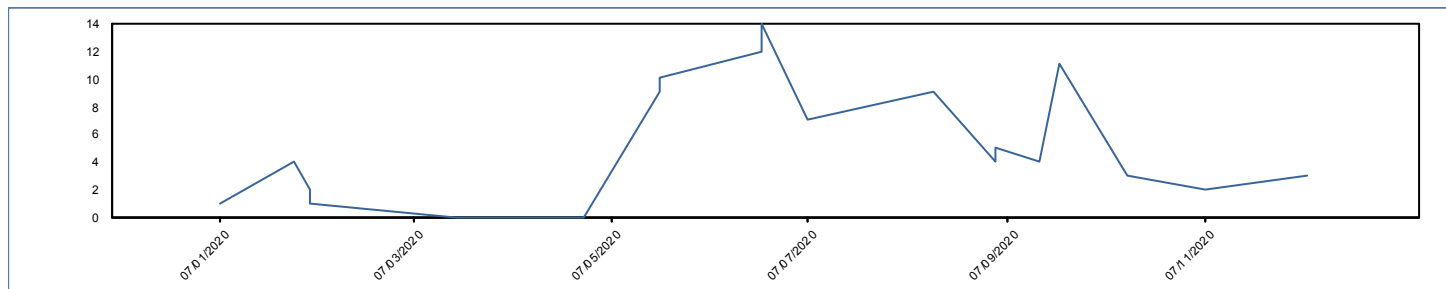
PBLFGXGW03

Number of readings

19

Number of breaches

0



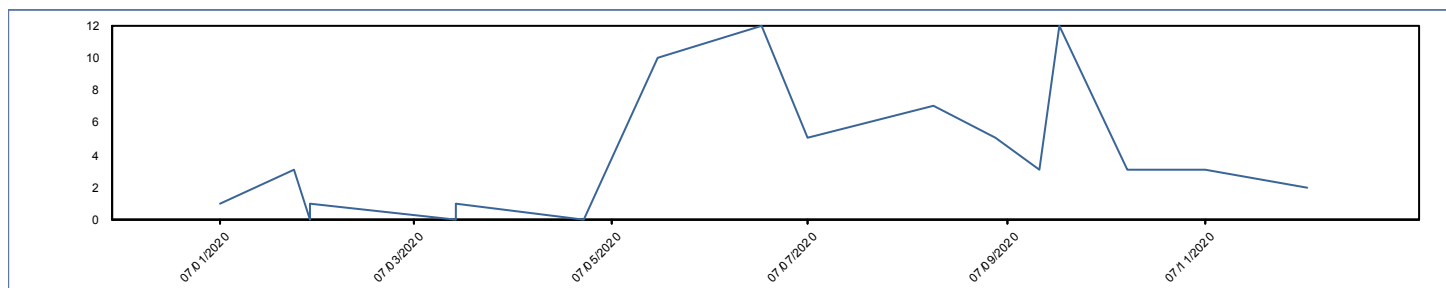
PBLFGXGW07

Number of readings

17

Number of breaches

0



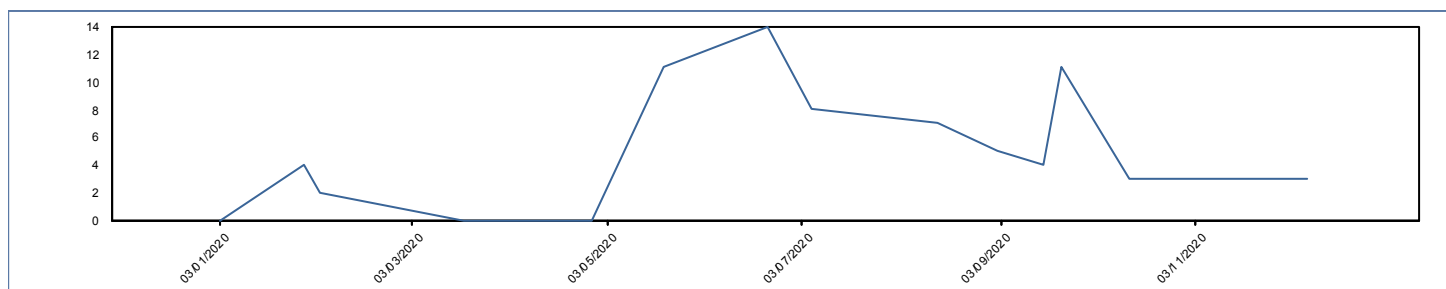
PBLFGXGW18

Number of readings

15

Number of breaches

0



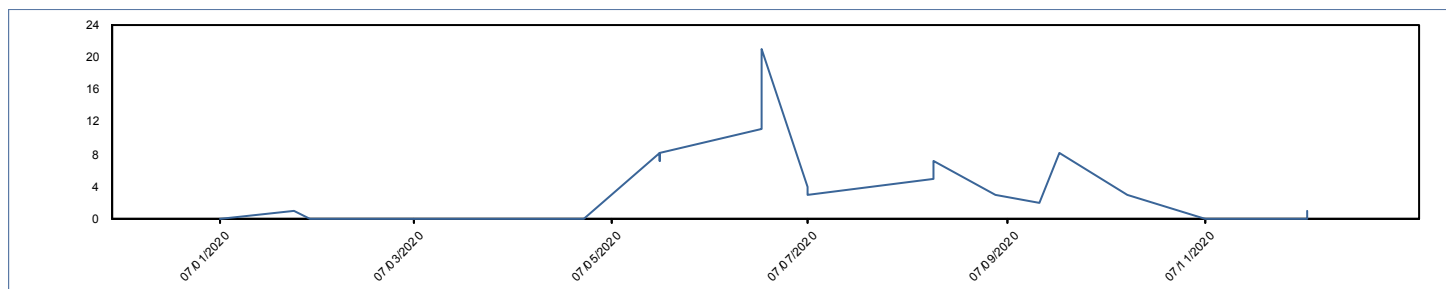
PBLFGXGW28

Number of readings

29

Number of breaches

0



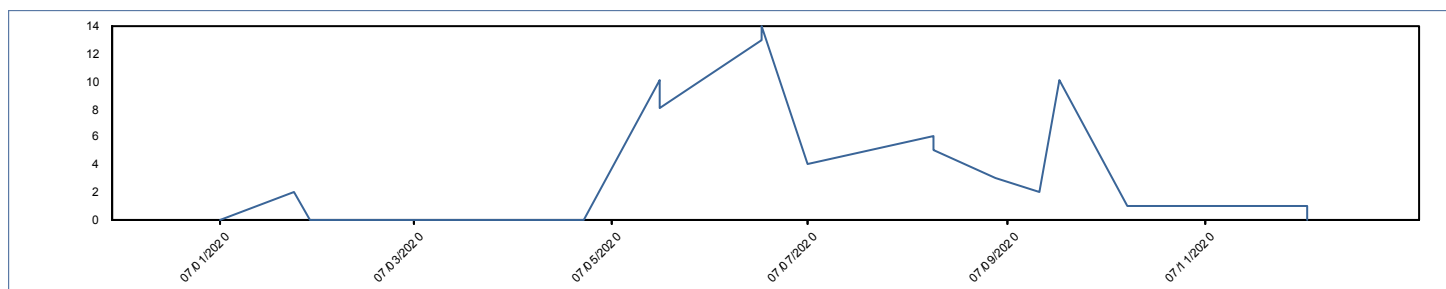
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

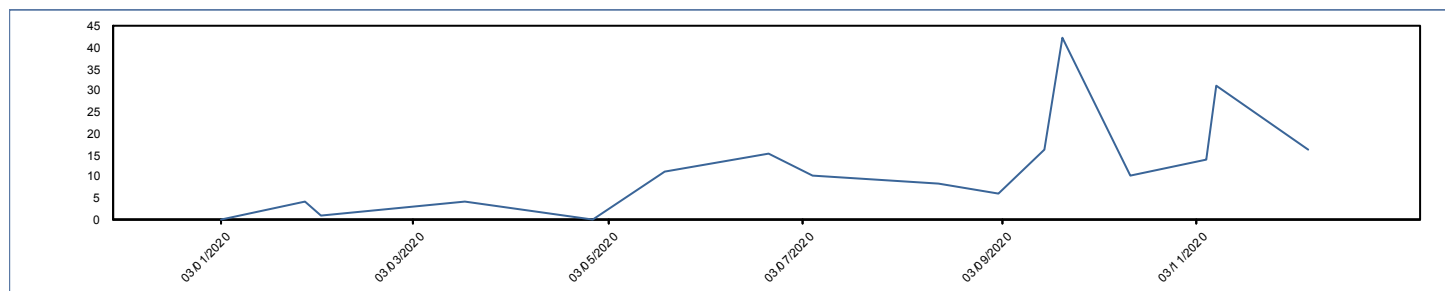
PBLFGXGW30

Number of readings

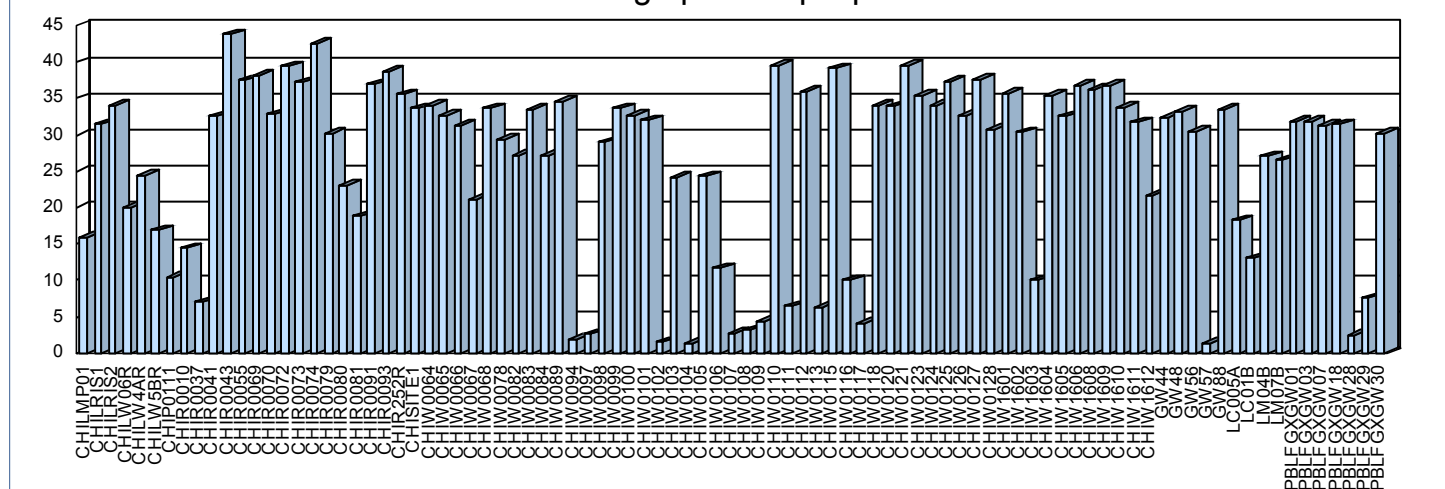
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.70	26.00	16.02	224.30	8.66	75.07	26.00
CHILRIS1	1	0	31.50	31.50	31.50	31.50	0.00	0.00	31.50
CHILRIS2	5	0	31.30	36.40	34.04	170.20	1.85	3.41	36.40
CHILW06R	28	0	0.80	38.70	20.01	560.30	13.99	195.85	38.30
CHILW4AR	27	0	1.70	45.70	24.46	660.40	15.13	228.80	43.90
CHILW5BR	29	0	1.00	36.70	16.89	489.90	10.20	103.99	36.35
CHIP0111	30	0	1.30	36.20	10.44	313.20	10.65	113.34	35.85
CHIR0010	30	0	2.00	37.00	14.41	432.30	10.47	109.59	36.25
CHIR0037	31	0	1.10	18.90	7.03	217.90	5.48	30.05	18.85
CHIR0041	16	0	29.40	36.50	32.59	521.40	1.85	3.42	36.50
CHIR0043	15	0	38.20	47.00	43.74	656.10	2.22	4.93	47.00
CHIR0055	15	0	33.40	41.00	37.50	562.50	1.78	3.17	41.00
CHIR0069	15	0	33.00	40.60	38.09	571.30	1.89	3.58	40.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	29.70	35.30	32.83	492.40	1.30	1.70	35.30
CHIR0072	16	0	32.40	43.60	39.43	630.90	2.70	7.30	43.60
CHIR0073	18	0	23.10	45.00	37.23	670.10	5.99	35.91	45.00
CHIR0074	15	0	39.30	47.80	42.59	638.80	2.15	4.61	47.80
CHIR0079	15	0	27.80	35.00	30.26	453.90	1.91	3.64	35.00
CHIR0080	23	0	0.90	40.30	23.07	530.50	13.63	185.86	40.00
CHIR0081	35	0	3.00	34.30	18.81	658.50	9.09	82.59	33.75
CHIR0091	17	0	26.80	40.60	36.96	628.30	3.37	11.39	40.60
CHIR0093	17	0	33.10	43.00	38.78	659.30	2.96	8.75	43.00
CHIR252R	14	0	31.80	42.10	35.55	497.70	3.26	10.66	42.10
CHISITE1	57	0	30.30	37.70	33.68	1,919.60	1.81	3.27	36.70
CHIW0064	15	0	23.30	38.40	34.03	510.40	3.80	14.40	38.40
CHIW0065	14	0	28.50	39.90	32.74	458.40	2.74	7.53	39.90
CHIW0066	16	0	28.70	33.90	31.24	499.80	1.38	1.91	33.90
CHIW0067	37	0	11.90	28.70	21.14	782.30	2.99	8.94	28.50
CHIW0068	16	0	30.50	37.00	33.59	537.40	1.49	2.23	37.00
CHIW0078	20	0	16.20	34.80	29.38	587.60	5.45	29.69	34.25
CHIW0082	19	0	22.00	30.10	27.19	516.60	1.81	3.27	30.10
CHIW0083	16	0	27.20	41.30	33.56	536.90	3.10	9.58	41.30
CHIW0084	14	0	21.70	31.60	27.26	381.70	3.06	9.37	31.60
CHIW0089	16	0	29.10	37.10	34.68	554.80	2.24	5.01	37.10
CHIW0094	34	0	0.40	4.40	1.98	67.40	0.88	0.77	4.20
CHIW0097	34	0	0.70	11.30	2.64	89.60	1.79	3.21	7.95
CHIW0098	16	0	20.90	37.40	28.94	463.00	4.30	18.52	37.40
CHIW0099	16	0	18.20	38.30	33.64	538.30	4.44	19.69	38.30
CHIW0100	22	0	14.30	43.90	32.75	720.50	7.31	53.42	42.40
CHIW0101	16	0	24.30	37.10	32.03	512.50	3.10	9.62	37.10
CHIW0102	39	0	0.10	3.50	1.58	61.70	0.71	0.51	3.00
CHIW0103	24	0	0.70	35.30	24.23	581.40	9.59	92.05	34.90

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	0.00	5.20	1.35	40.60	1.04	1.09	4.25
CHIW0105	24	0	14.70	37.20	24.31	583.40	7.14	50.92	36.50
CHIW0106	26	0	2.20	26.80	11.67	303.30	8.55	73.17	26.55
CHIW0107	25	0	0.90	11.70	2.78	69.40	2.58	6.66	10.70
CHIW0108	25	0	0.30	12.60	3.15	78.70	2.89	8.38	10.45
CHIW0109	25	0	0.40	18.00	4.36	109.00	4.12	16.95	16.15
CHIW0110	15	0	36.10	42.20	39.61	594.10	1.53	2.33	42.20
CHIW0111	28	0	2.00	20.90	6.50	182.00	3.58	12.82	16.55
CHIW0112	15	0	31.70	40.40	36.01	540.10	2.17	4.72	40.40
CHIW0113	20	0	2.50	11.10	6.42	128.40	2.95	8.68	10.70
CHIW0115	16	0	34.30	44.70	39.14	626.30	2.67	7.11	44.70
CHIW0116	26	0	4.40	13.30	10.07	261.80	2.24	5.00	13.05
CHIW0117	32	0	2.50	7.10	4.13	132.30	1.10	1.20	6.90
CHIW0118	16	0	31.10	38.90	34.11	545.80	1.91	3.63	38.90
CHIW0120	14	0	28.20	42.60	33.94	475.10	3.55	12.62	42.60
CHIW0121	15	0	33.10	47.50	39.53	593.00	4.08	16.68	47.50
CHIW0123	18	0	26.60	44.70	35.48	638.60	4.15	17.24	44.70
CHIW0124	17	0	27.80	42.00	33.98	577.60	3.23	10.46	42.00
CHIW0125	20	0	26.60	58.60	37.39	747.80	9.39	88.21	56.70
CHIW0126	17	0	15.60	53.80	32.74	556.50	12.39	153.40	53.80
CHIW0127	15	0	31.70	43.80	37.61	564.10	3.62	13.08	43.80
CHIW0128	19	0	19.60	42.30	30.81	585.40	6.50	42.27	42.30
CHIW1601	15	0	25.50	44.60	35.77	536.50	4.73	22.34	44.60
CHIW1602	25	0	7.70	53.70	30.38	759.50	14.63	214.16	52.25
CHIW1603	8	0	0.10	48.00	10.00	80.00	16.43	270.08	48.00
CHIW1604	17	0	30.90	41.70	35.42	602.10	3.26	10.61	41.70
CHIW1605	16	0	27.40	35.60	32.56	520.90	1.83	3.34	35.60
CHIW1606	16	0	28.60	45.10	36.83	589.30	4.70	22.08	45.10
CHIW1608	15	0	32.80	38.90	36.17	542.60	1.78	3.18	38.90

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	24.90	42.90	36.75	734.90	5.32	28.28	42.40
CHIW1610	15	0	29.00	41.50	33.73	506.00	3.58	12.85	41.50
CHIW1611	16	0	25.00	33.80	31.73	507.70	2.05	4.19	33.80
CHIW1612	24	0	4.80	44.00	21.73	521.50	11.15	124.31	41.55
GW44	14	0	29.30	37.90	32.47	454.60	2.24	5.02	37.90
GW48	16	0	25.80	38.60	33.20	531.20	3.43	11.80	38.60
GW56	17	0	25.40	41.30	30.51	518.60	4.76	22.70	41.30
GW57	30	0	0.10	2.80	1.39	41.80	0.68	0.46	2.70
GW88	16	0	30.70	35.80	33.47	535.50	1.59	2.52	35.80
LC005A	29	0	0.60	35.80	18.23	528.80	9.36	87.55	33.95
LC01B	24	0	3.00	33.10	13.04	313.00	8.43	71.02	31.85
LM04B	28	0	1.70	47.80	27.05	757.40	18.34	336.34	47.70
LM07B	25	0	1.90	35.20	26.45	661.30	8.88	78.86	35.10
PBLFGXGW01	15	0	27.80	35.90	31.79	476.90	2.50	6.27	35.90
PBLFGXGW03	19	0	17.90	38.50	31.85	605.20	5.64	31.85	38.50
PBLFGXGW07	17	0	5.10	38.40	31.32	532.50	8.57	73.47	38.40
PBLFGXGW18	15	0	24.70	35.80	31.41	471.10	3.40	11.56	35.80
PBLFGXGW28	29	0	0.10	11.70	2.42	70.30	2.68	7.21	10.50
PBLFGXGW29	28	0	0.80	35.60	7.54	211.00	9.95	98.93	33.05
PBLFGXGW30	16	0	25.70	34.20	30.14	482.20	2.46	6.04	34.20
Total	1,865	0	0.00	58.60	23.39	43,617.30	14.48	209.55	41.70

Data from: 1 Jan 2020 to: 31 Dec 2020

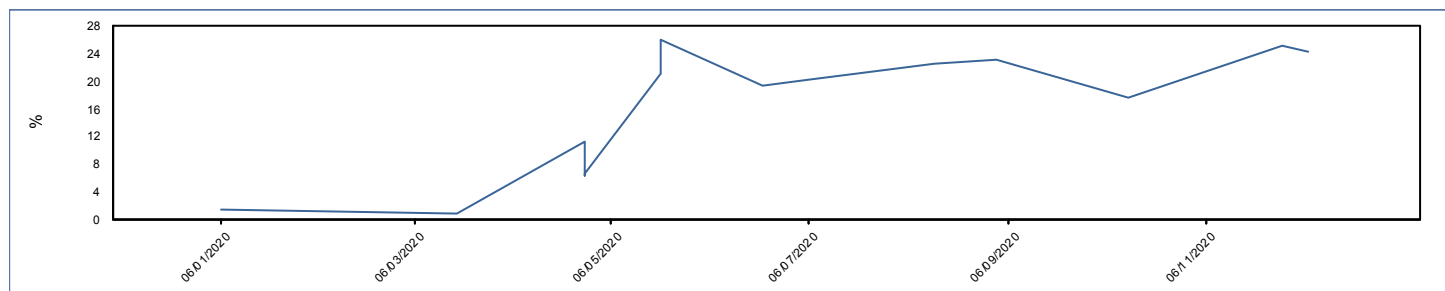
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



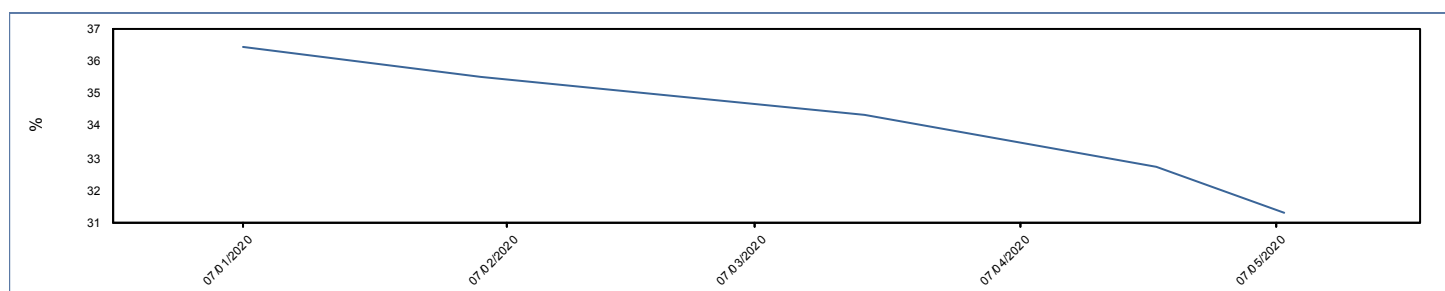
CHILRIS2

Number of readings

5

Number of breaches

0



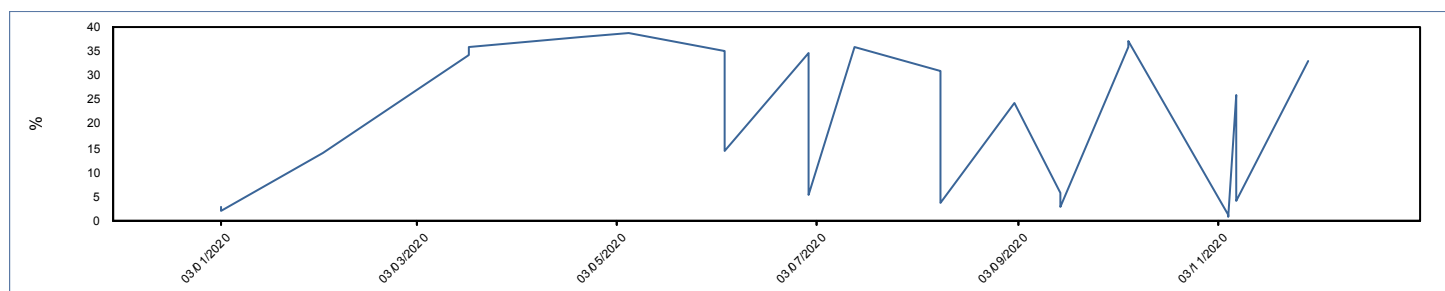
CHILW06R

Number of readings

28

Number of breaches

0



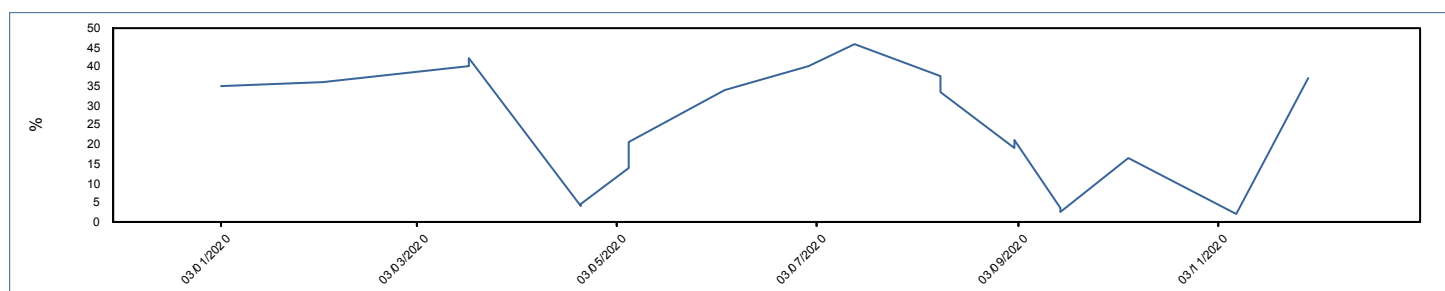
CHILW4AR

Number of readings

27

Number of breaches

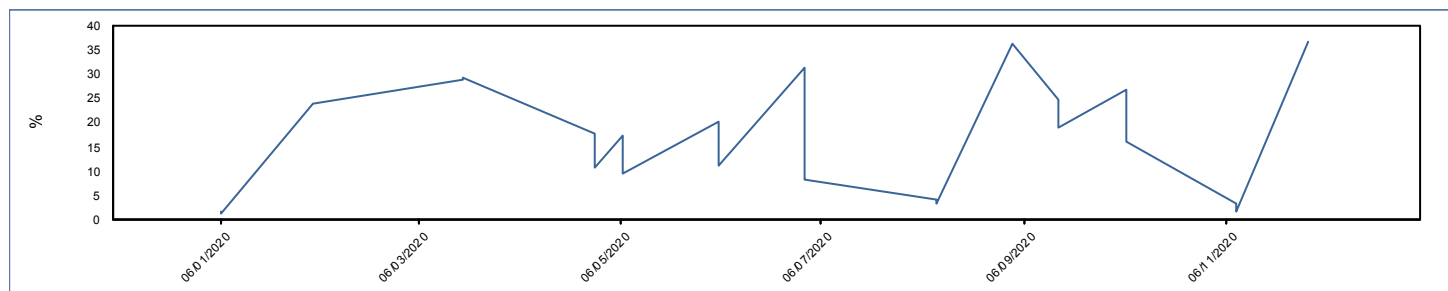
0



Data from: 1 Jan 2020 to: 31 Dec 2020

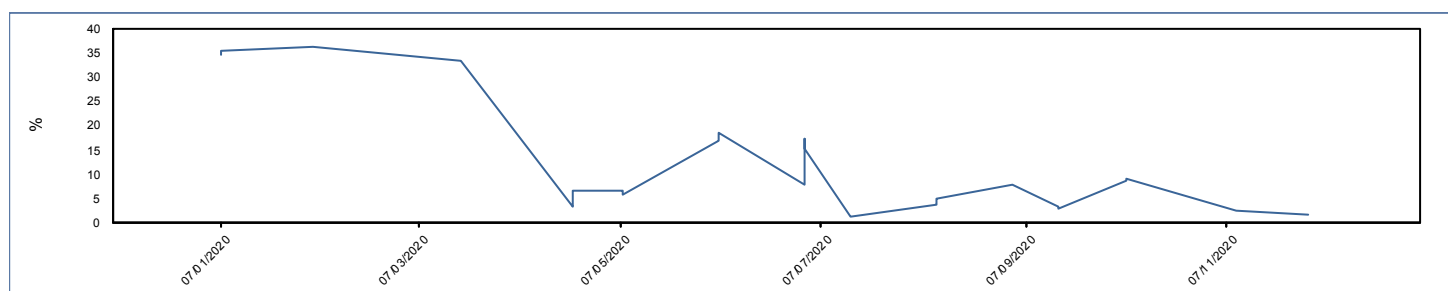
CHILW5BR

Number of readings 29 Number of breaches 0



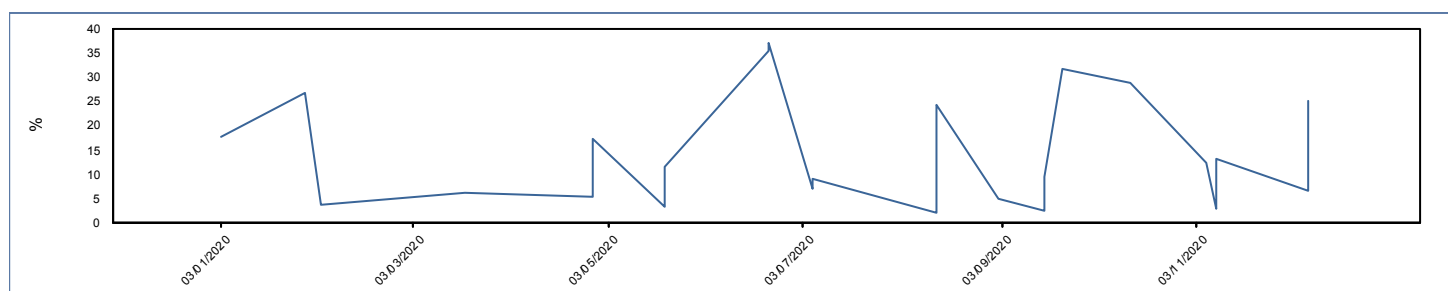
CHIP0111

Number of readings 30 Number of breaches 0



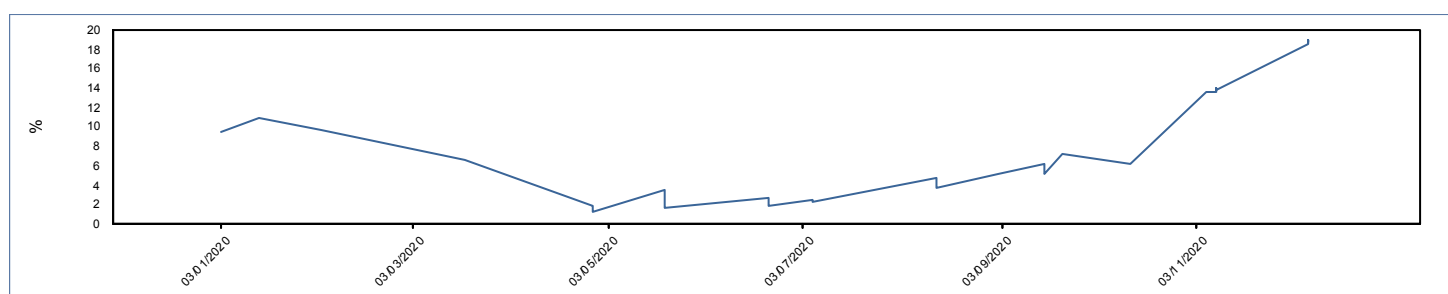
CHIR0010

Number of readings 30 Number of breaches 0



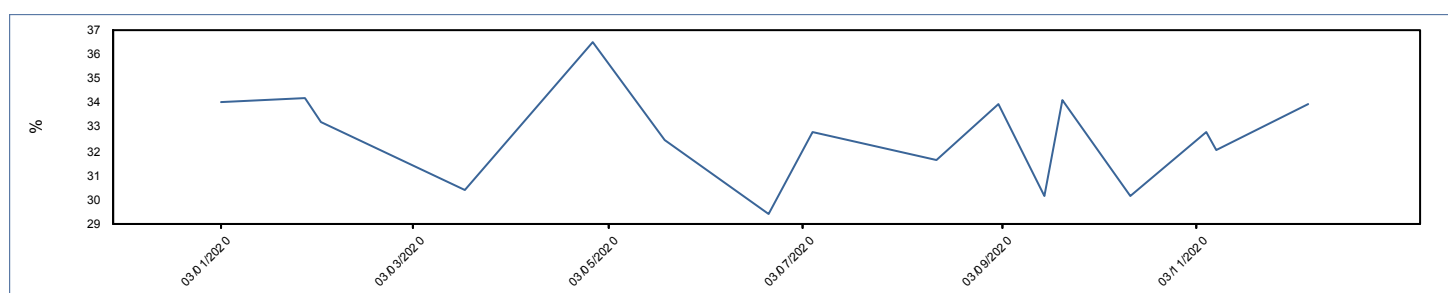
CHIR0037

Number of readings 31 Number of breaches 0



CHIR0041

Number of readings 16 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

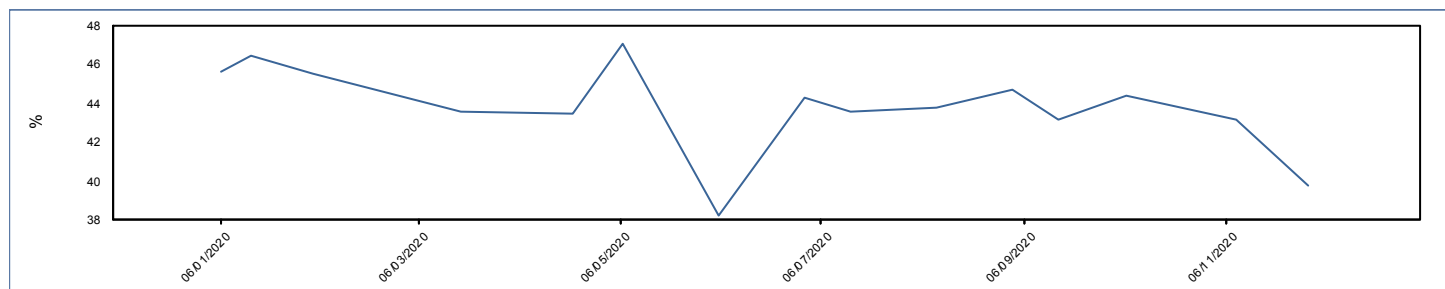
CHIR0043

Number of readings

15

Number of breaches

0



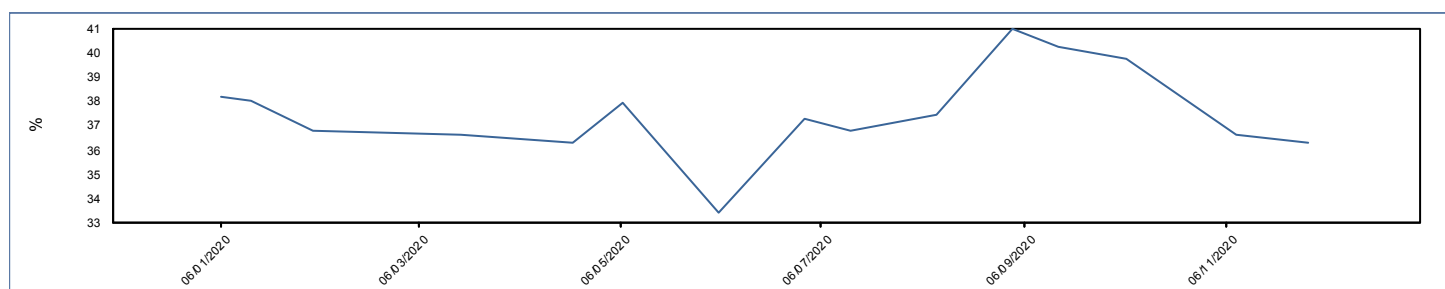
CHIR0055

Number of readings

15

Number of breaches

0



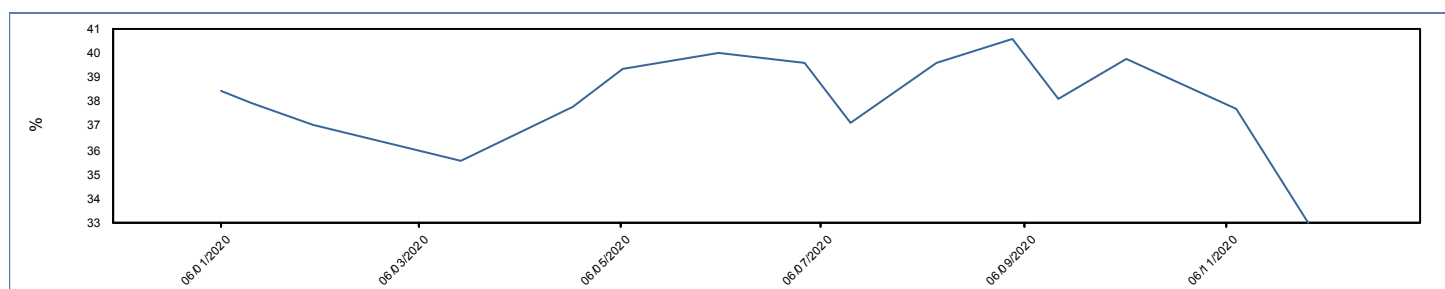
CHIR0069

Number of readings

15

Number of breaches

0



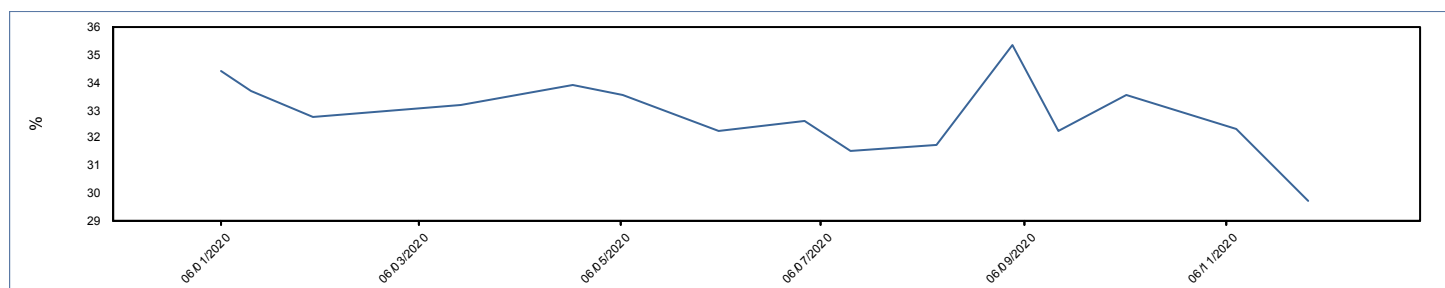
CHIR0070

Number of readings

15

Number of breaches

0



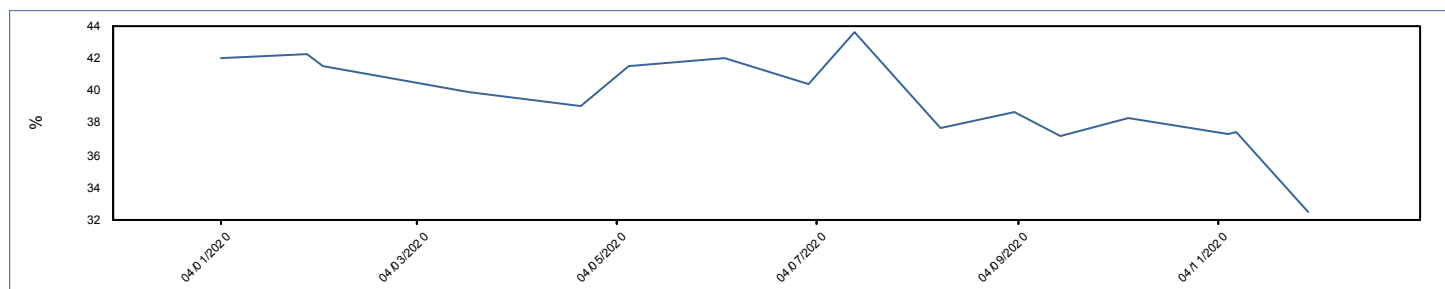
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

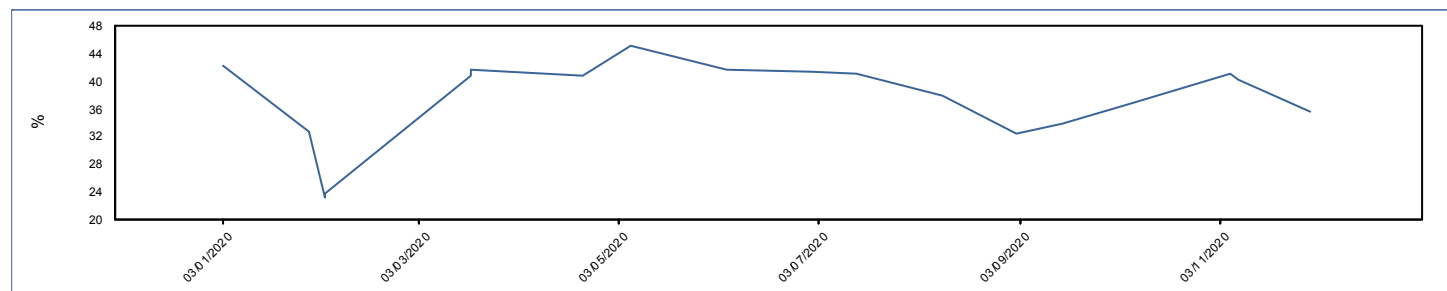
CHIR0073

Number of readings

18

Number of breaches

0



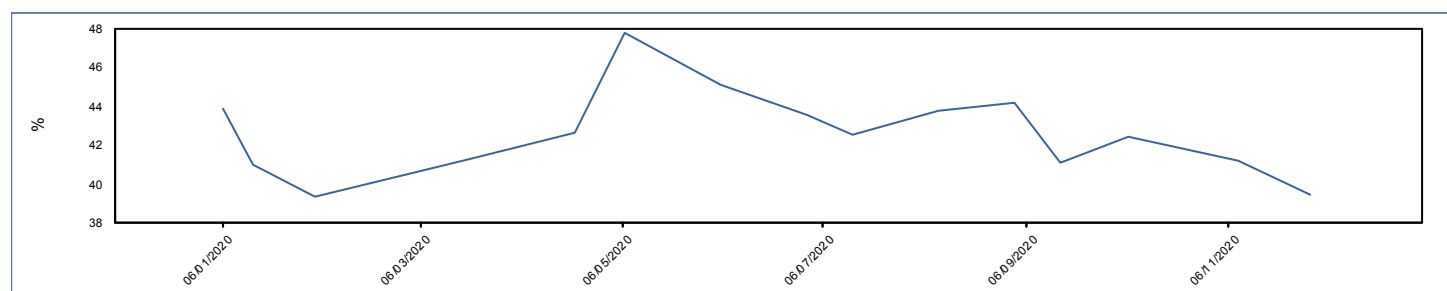
CHIR0074

Number of readings

15

Number of breaches

0



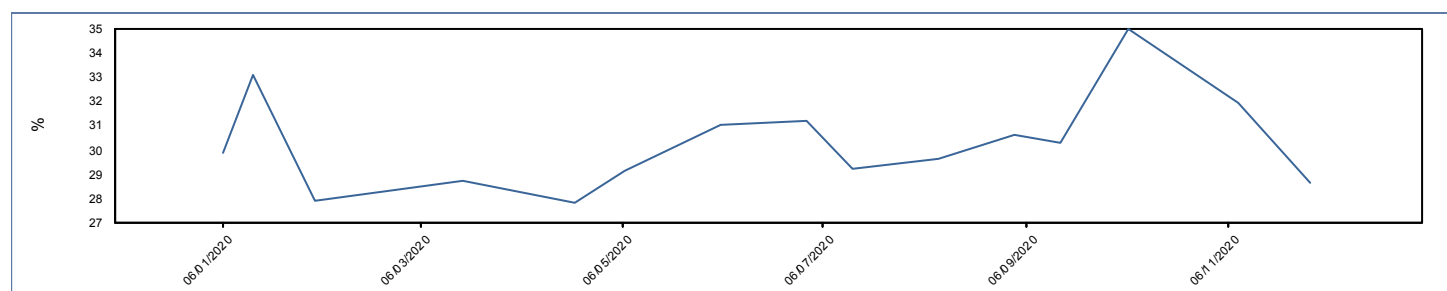
CHIR0079

Number of readings

15

Number of breaches

0



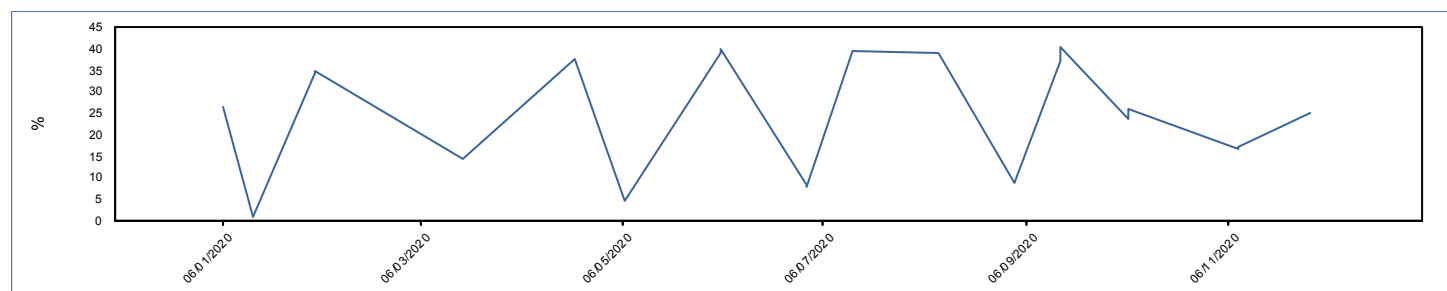
CHIR0080

Number of readings

23

Number of breaches

0



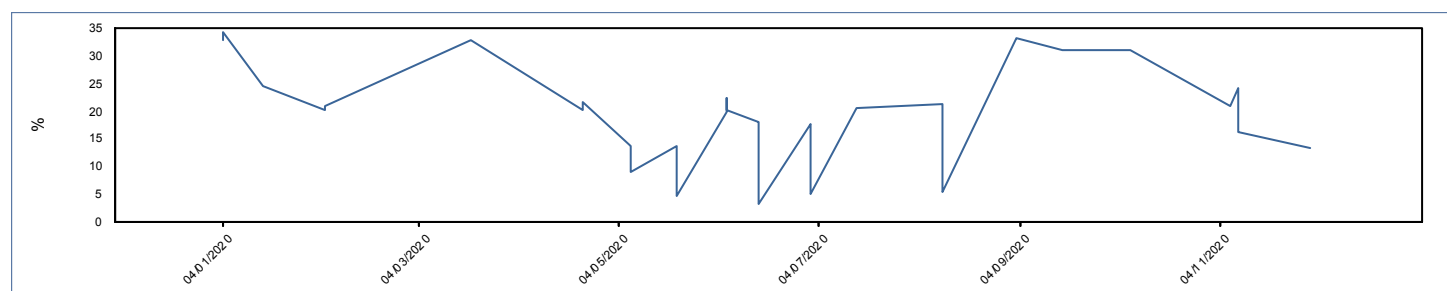
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

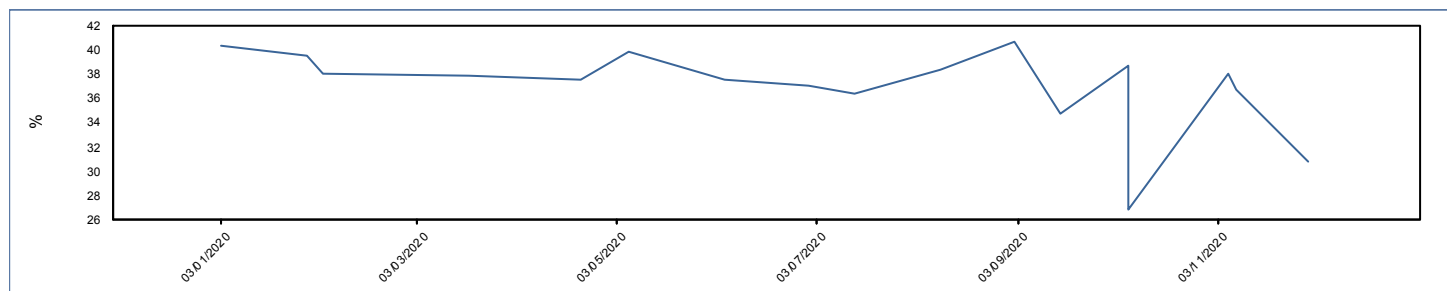
CHIR0091

Number of readings

17

Number of breaches

0



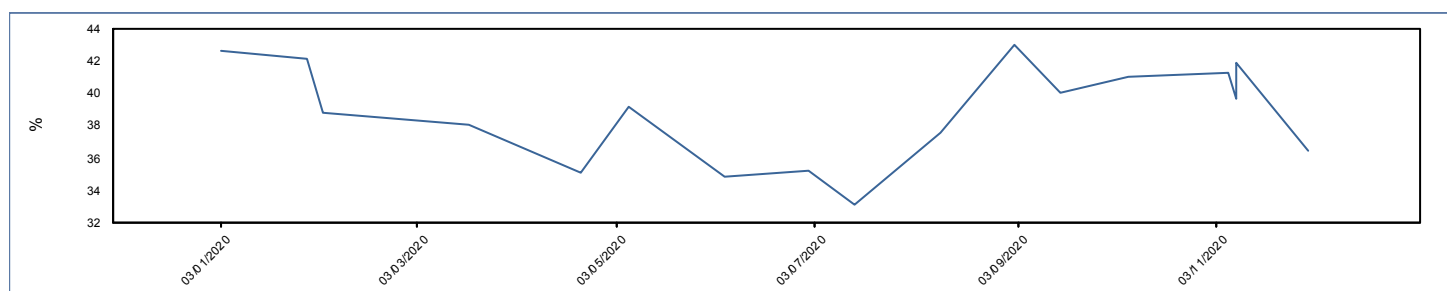
CHIR0093

Number of readings

17

Number of breaches

0



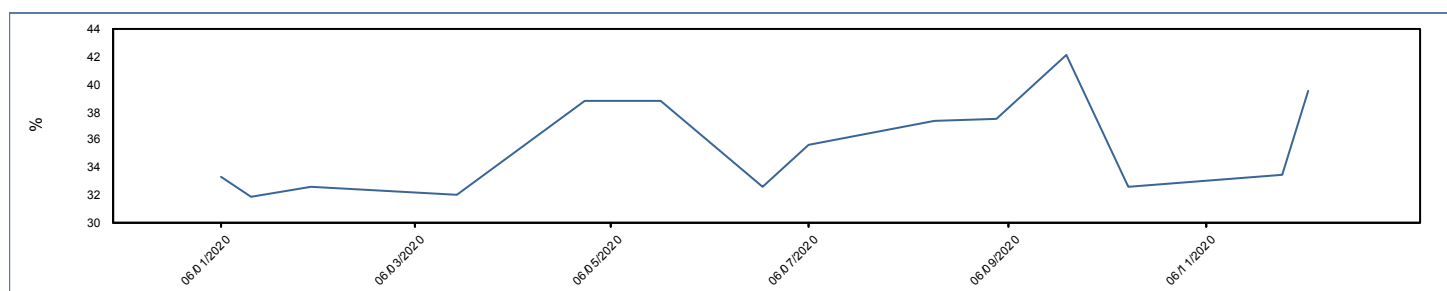
CHIR252R

Number of readings

14

Number of breaches

0



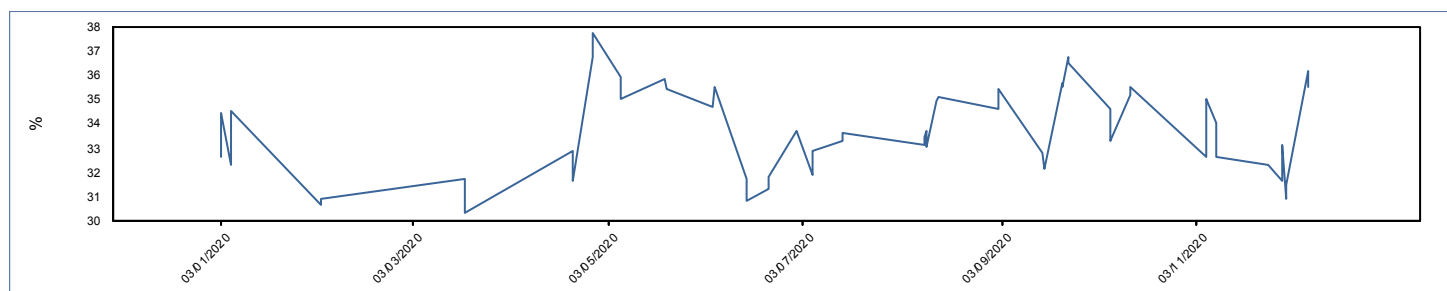
CHISITE1

Number of readings

57

Number of breaches

0



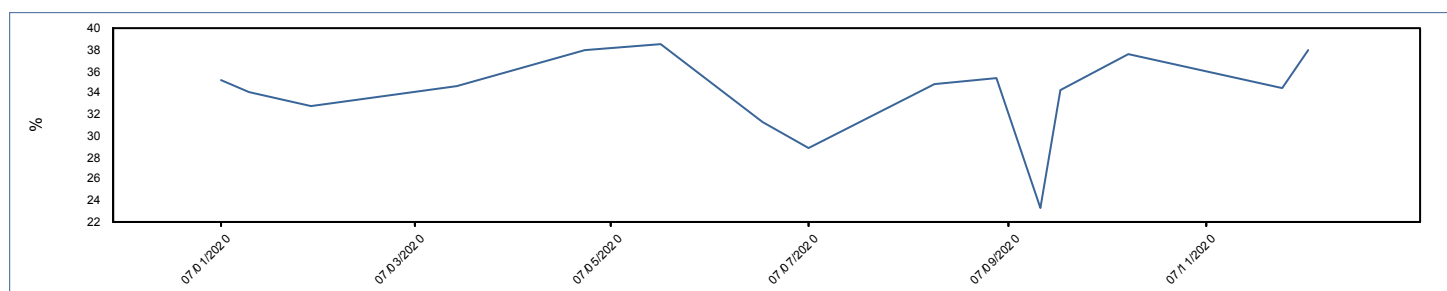
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

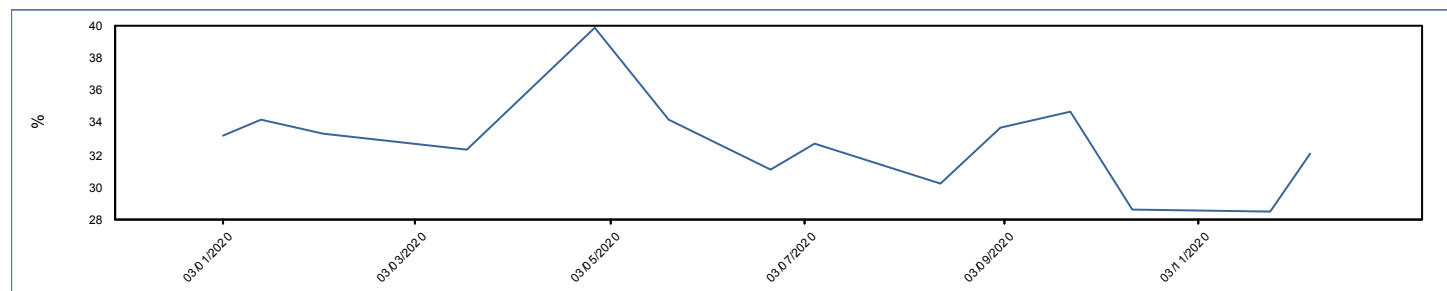
CHIW0065

Number of readings

14

Number of breaches

0



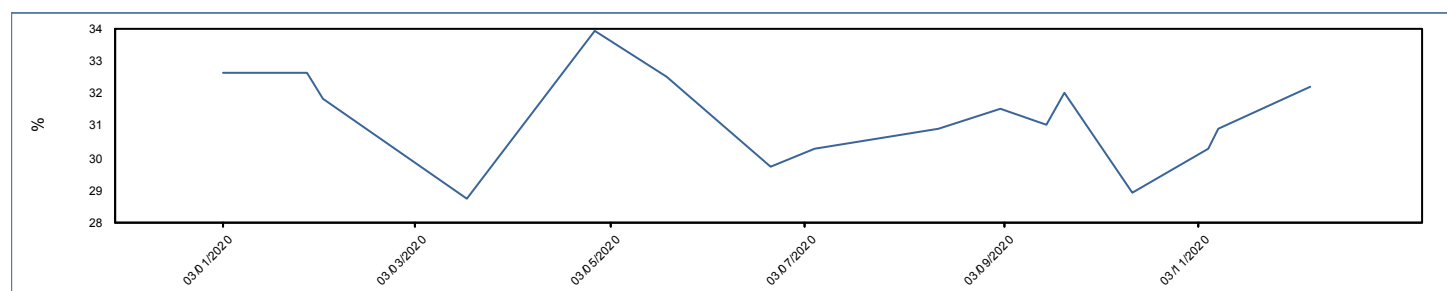
CHIW0066

Number of readings

16

Number of breaches

0



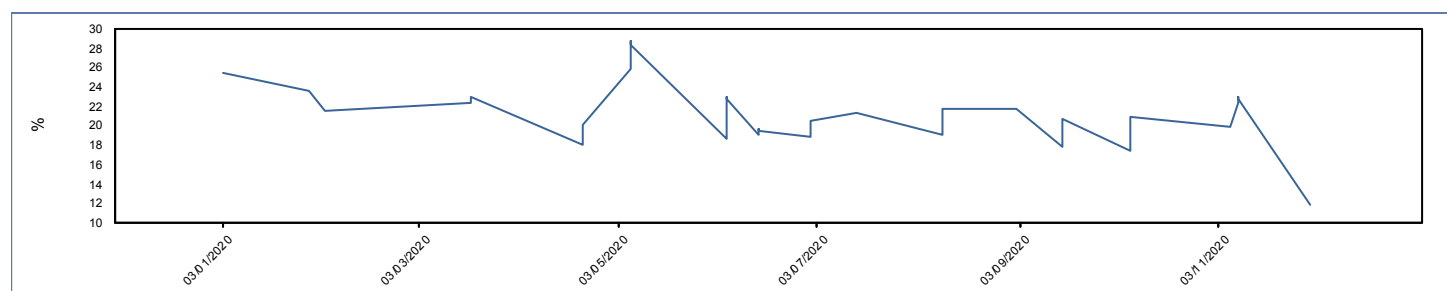
CHIW0067

Number of readings

37

Number of breaches

0



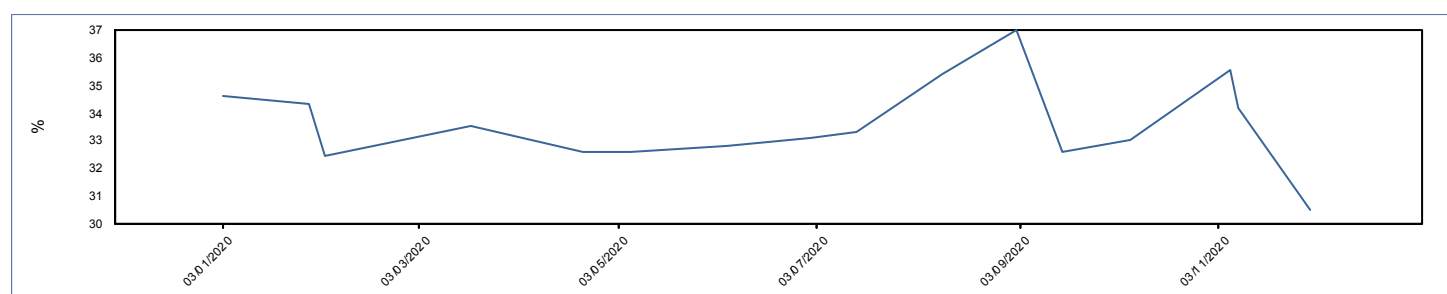
CHIW0068

Number of readings

16

Number of breaches

0



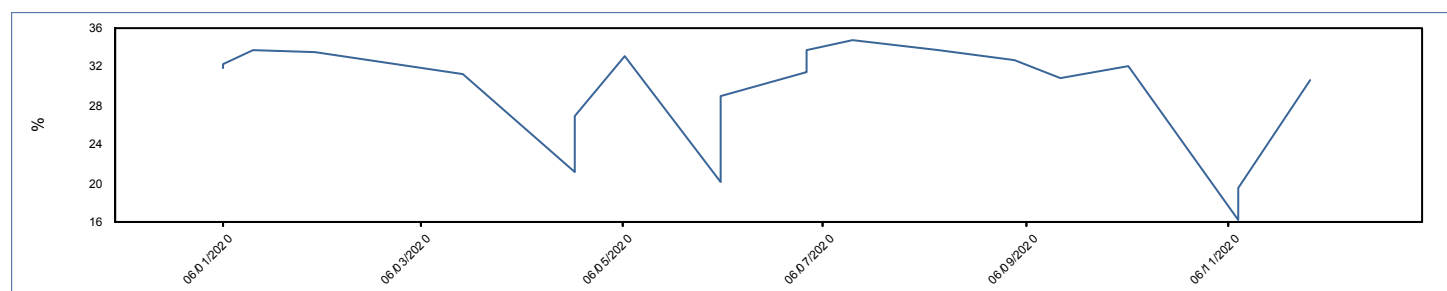
CHIW0078

Number of readings

20

Number of breaches

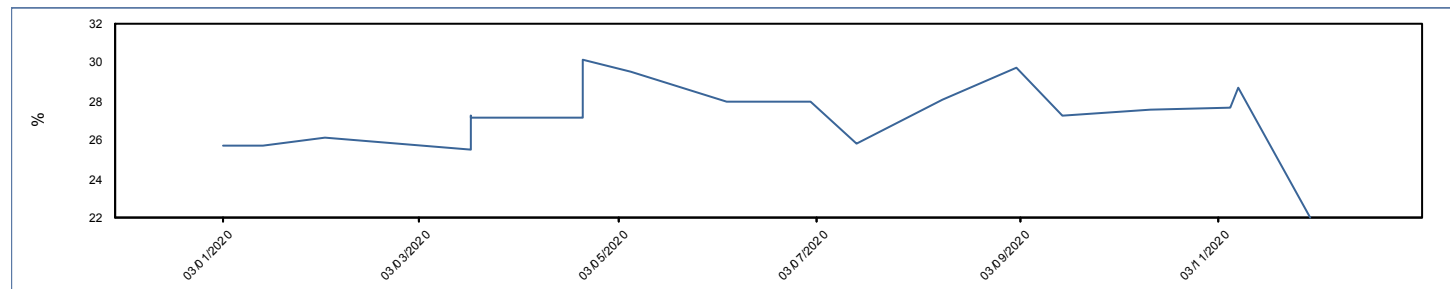
0



Data from: 1 Jan 2020 to: 31 Dec 2020

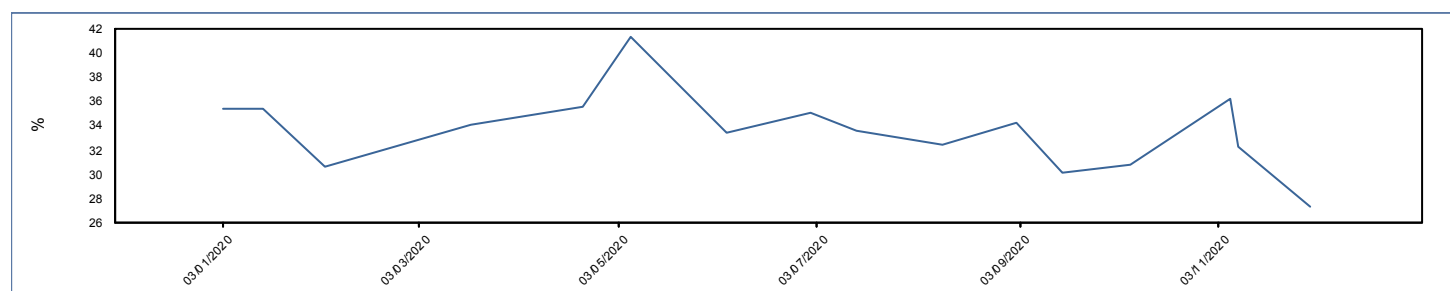
CHI0082

Number of readings 19 Number of breaches 0



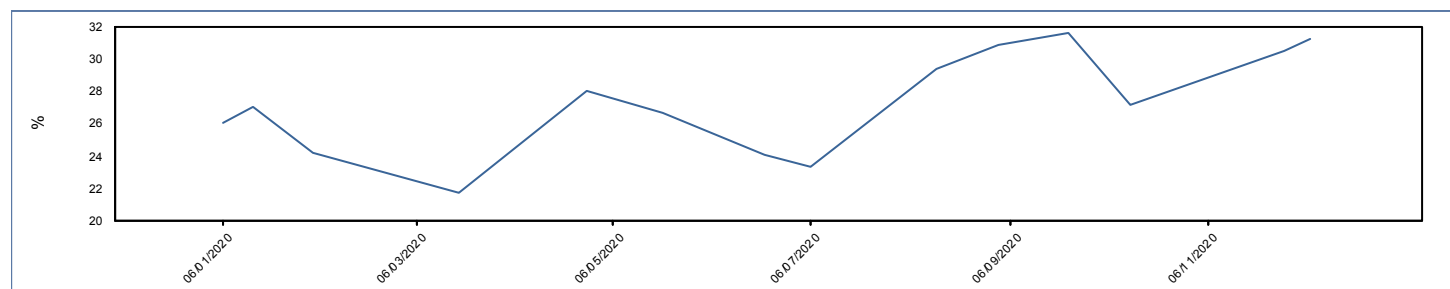
CHI0083

Number of readings 16 Number of breaches 0



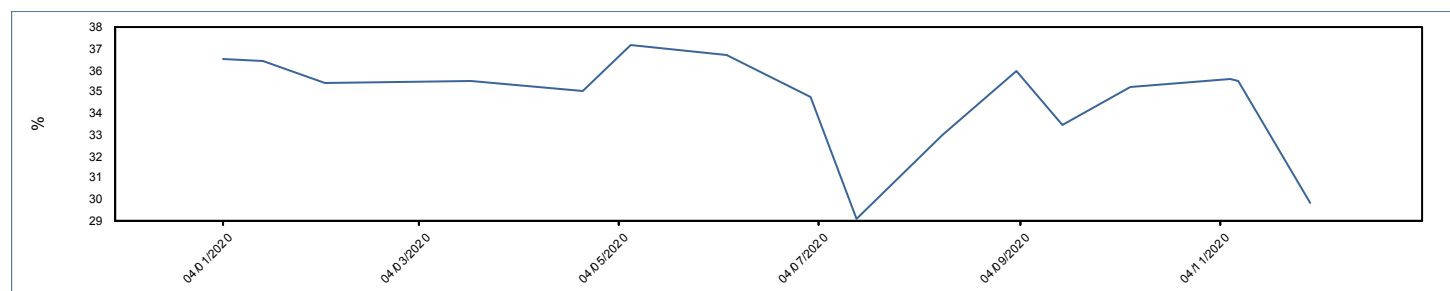
CHI0084

Number of readings 14 Number of breaches 0



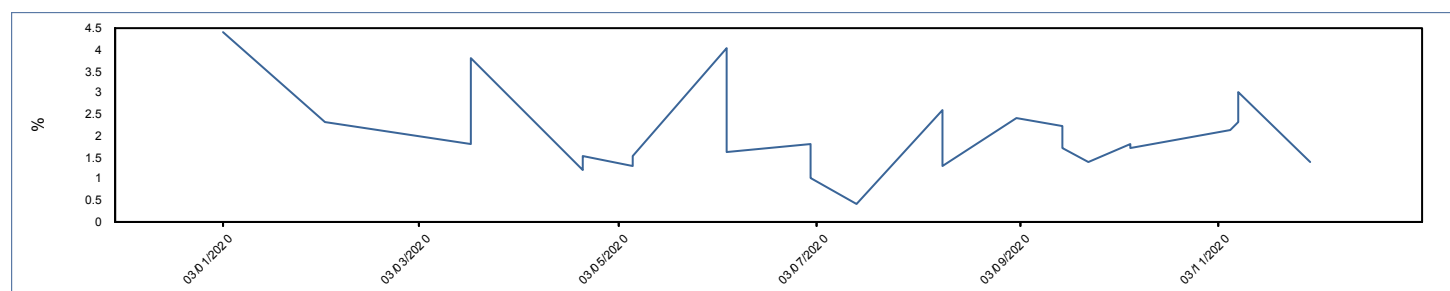
CHI0089

Number of readings 16 Number of breaches 0



CHI0094

Number of readings 34 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

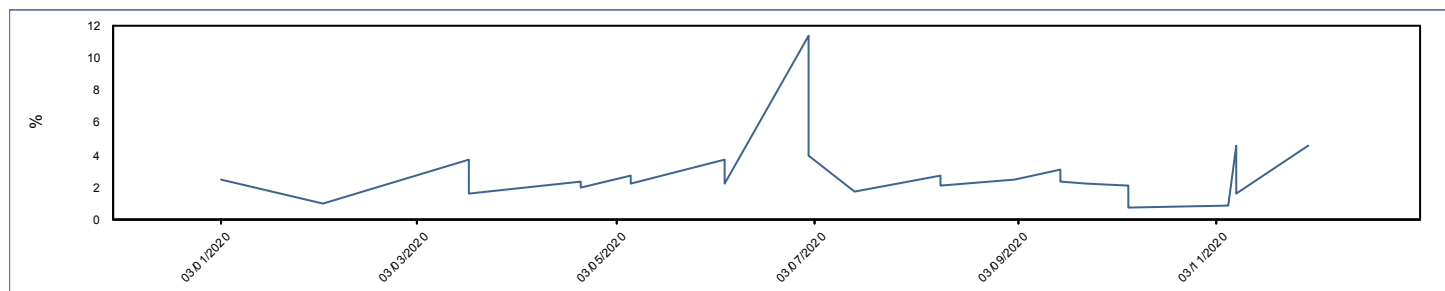
CHI0097

Number of readings

34

Number of breaches

0



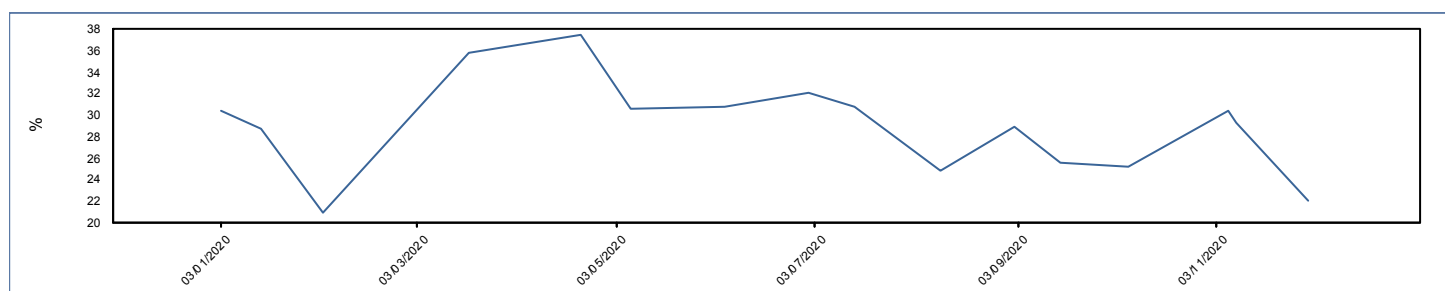
CHI0098

Number of readings

16

Number of breaches

0



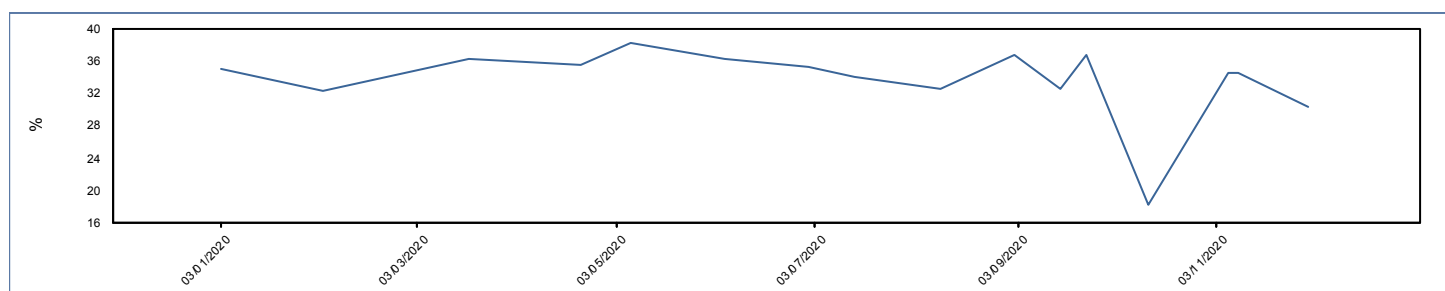
CHI0099

Number of readings

16

Number of breaches

0



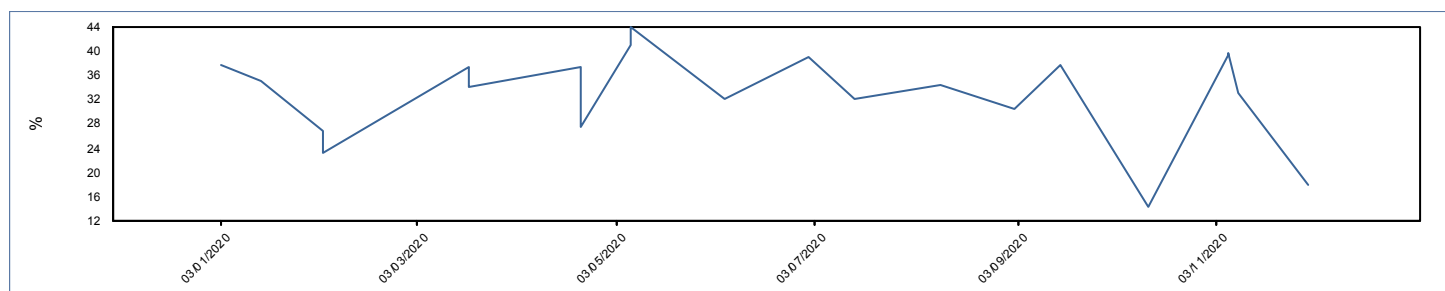
CHI0100

Number of readings

22

Number of breaches

0



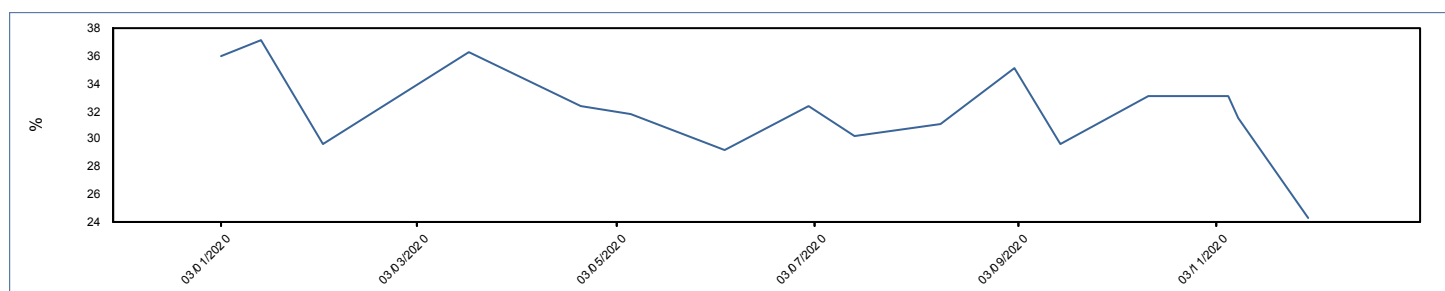
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

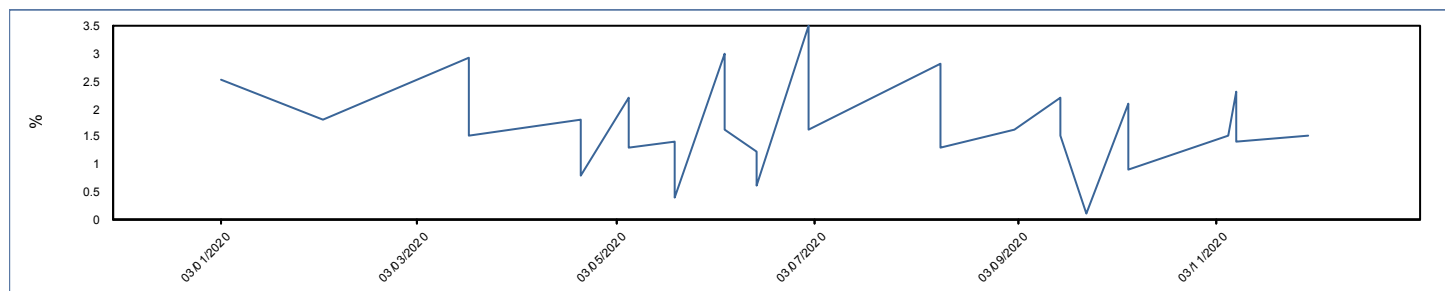
CHI0102

Number of readings

39

Number of breaches

0



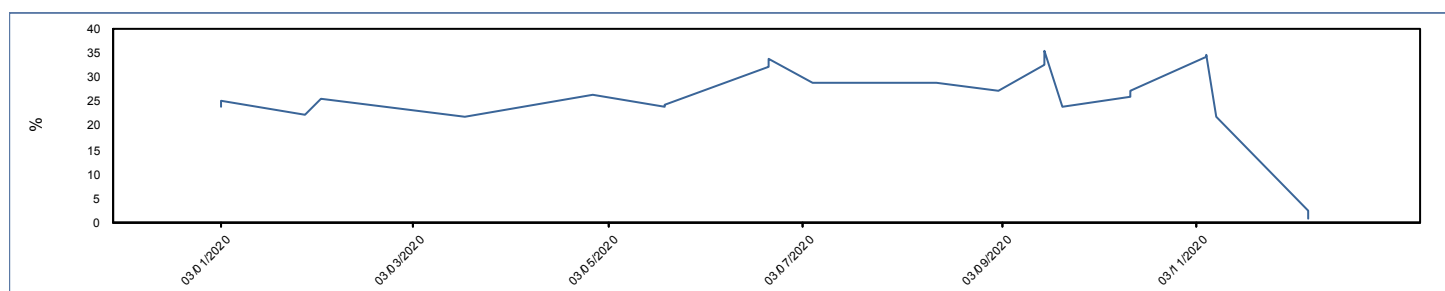
CHI0103

Number of readings

24

Number of breaches

0



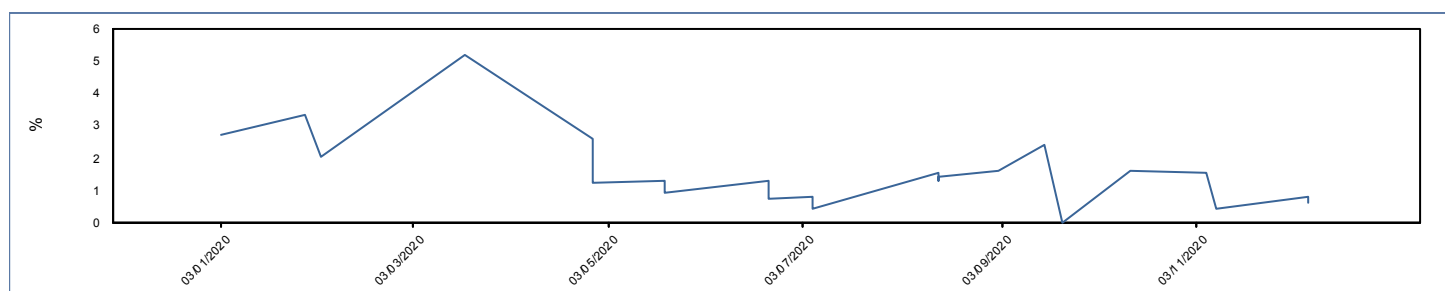
CHI0104

Number of readings

30

Number of breaches

0



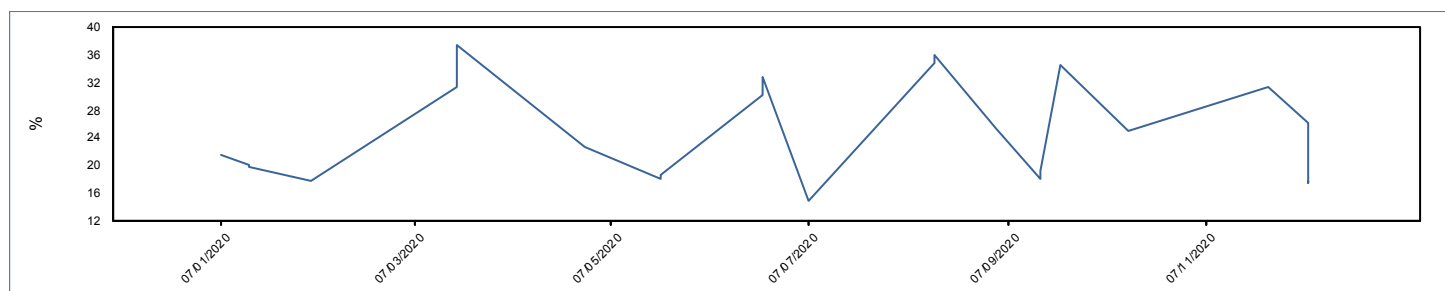
CHI0105

Number of readings

24

Number of breaches

0



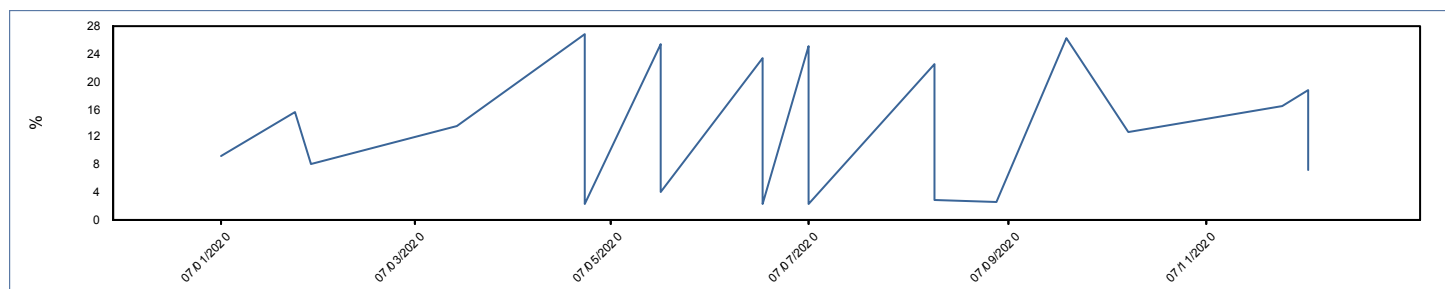
CHI0106

Number of readings

26

Number of breaches

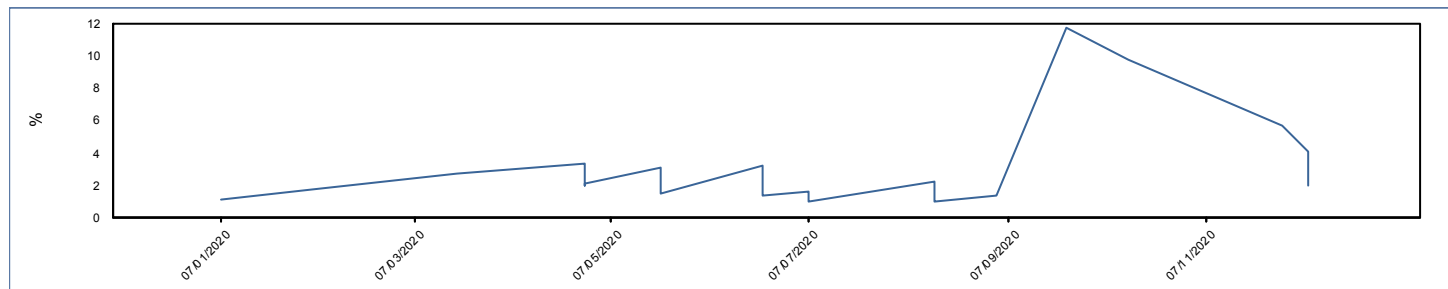
0



Data from: 1 Jan 2020 to: 31 Dec 2020

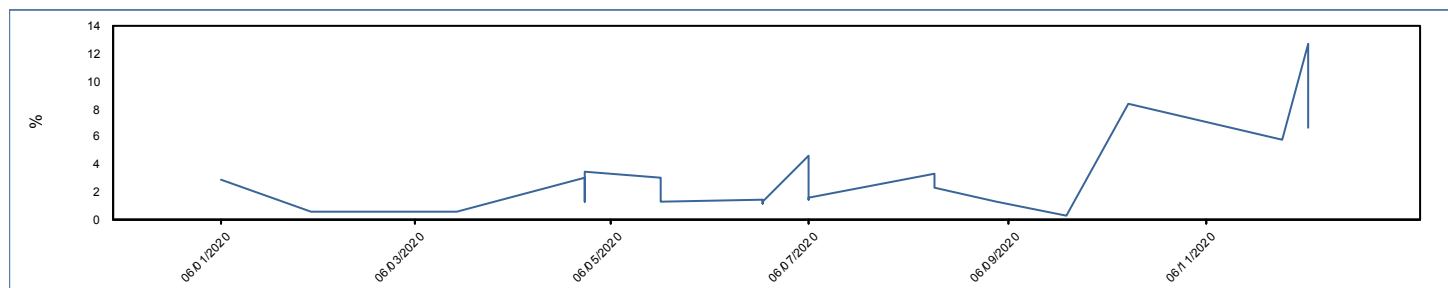
CHI0107

Number of readings 25 Number of breaches 0



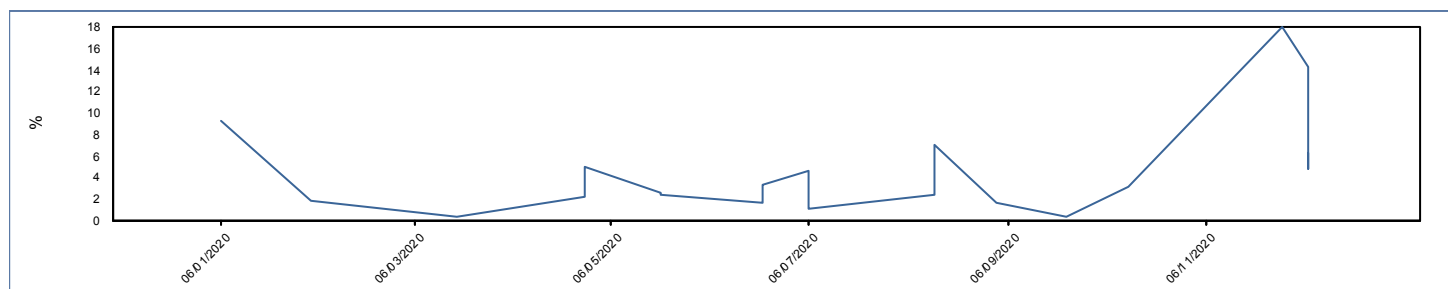
CHI0108

Number of readings 25 Number of breaches 0



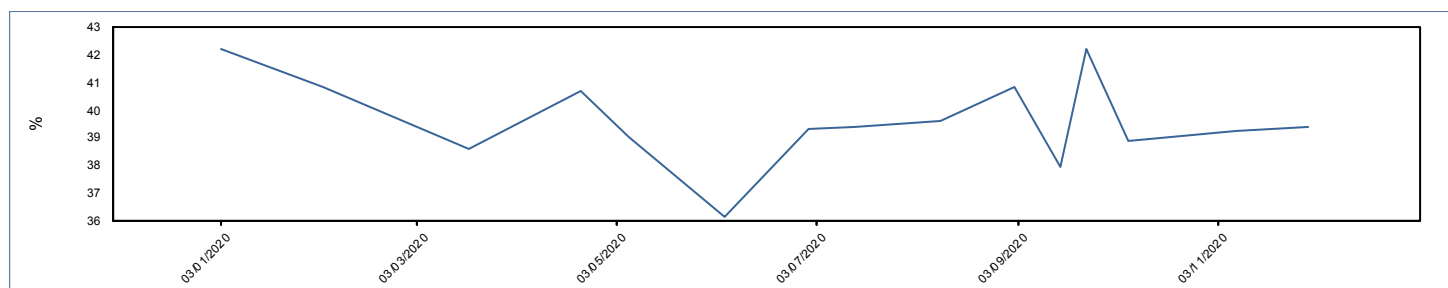
CHI0109

Number of readings 25 Number of breaches 0



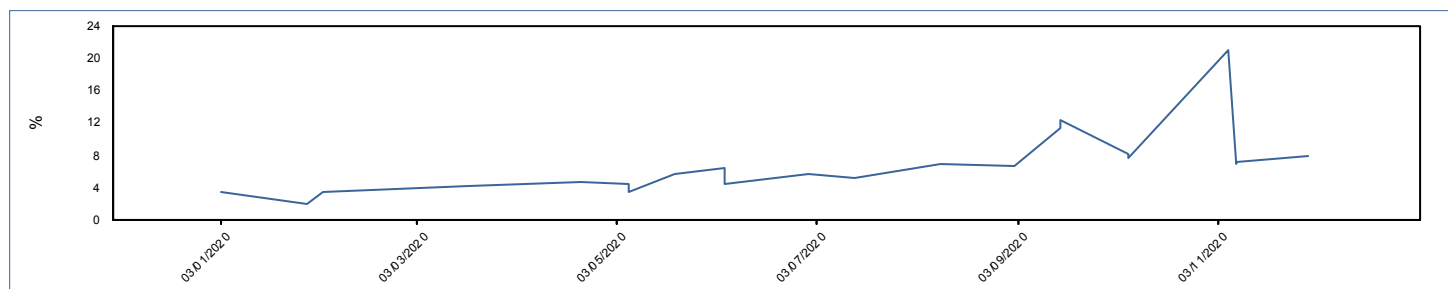
CHI0110

Number of readings 15 Number of breaches 0



CHI0111

Number of readings 28 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

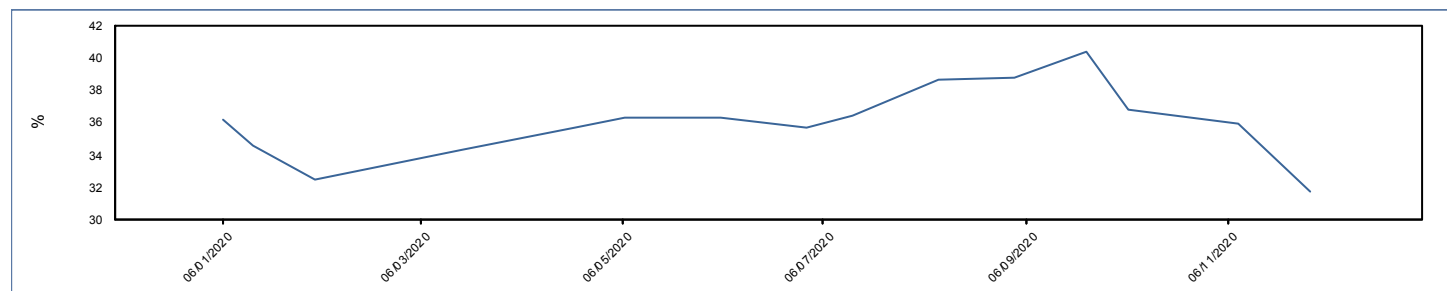
CHIWO112

Number of readings

15

Number of breaches

0



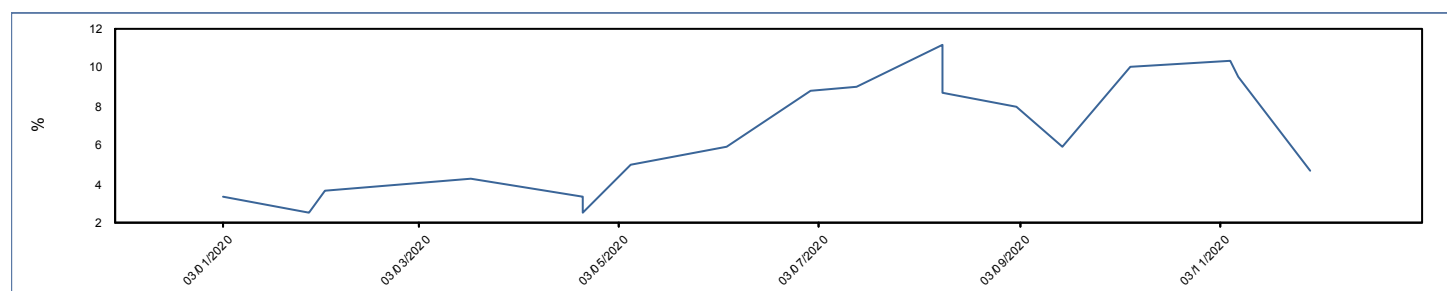
CHIWO113

Number of readings

20

Number of breaches

0



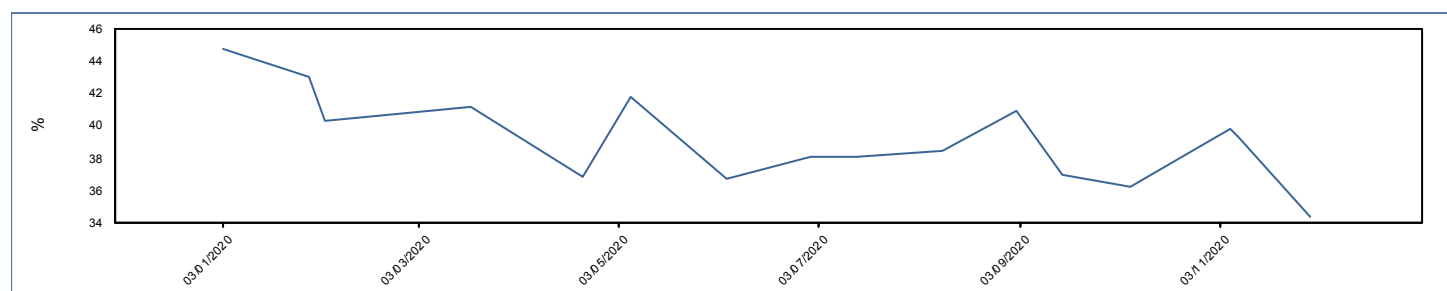
CHIWO115

Number of readings

16

Number of breaches

0



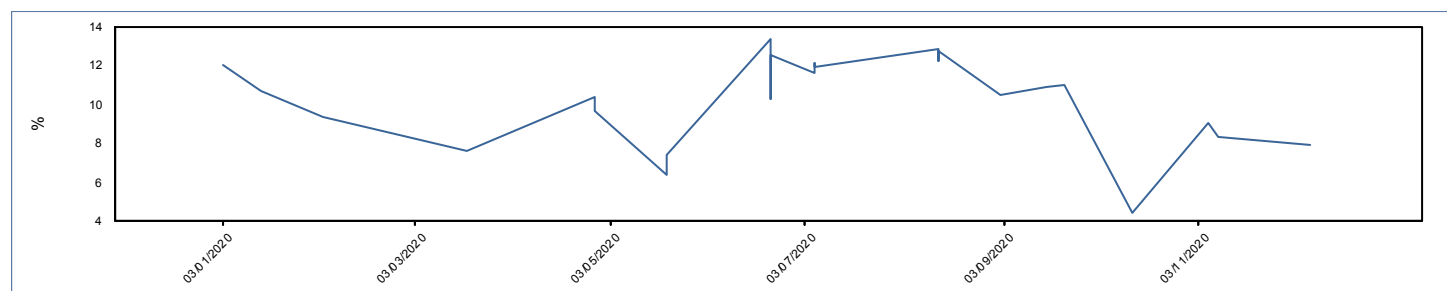
CHIWO116

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

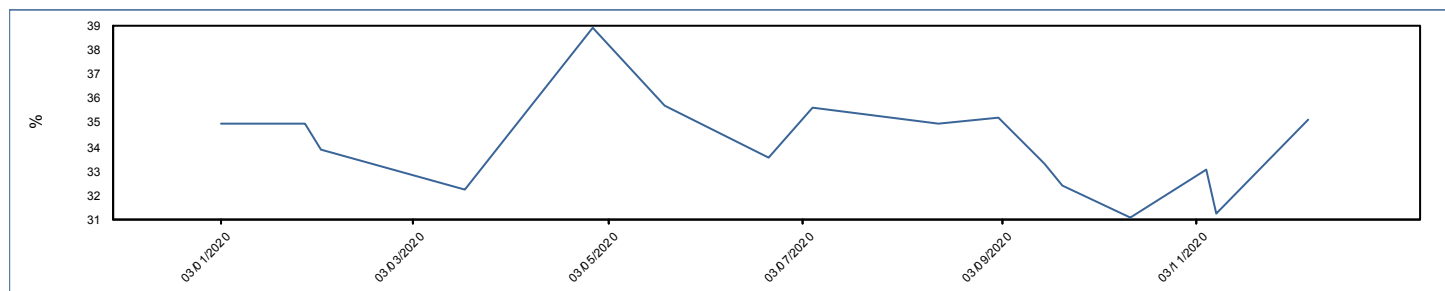
CHIWO118

Number of readings

16

Number of breaches

0



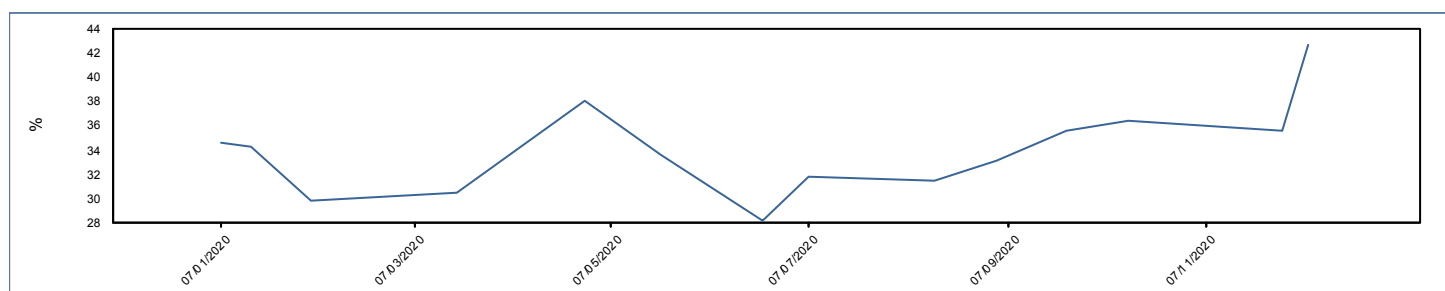
CHIWO120

Number of readings

14

Number of breaches

0



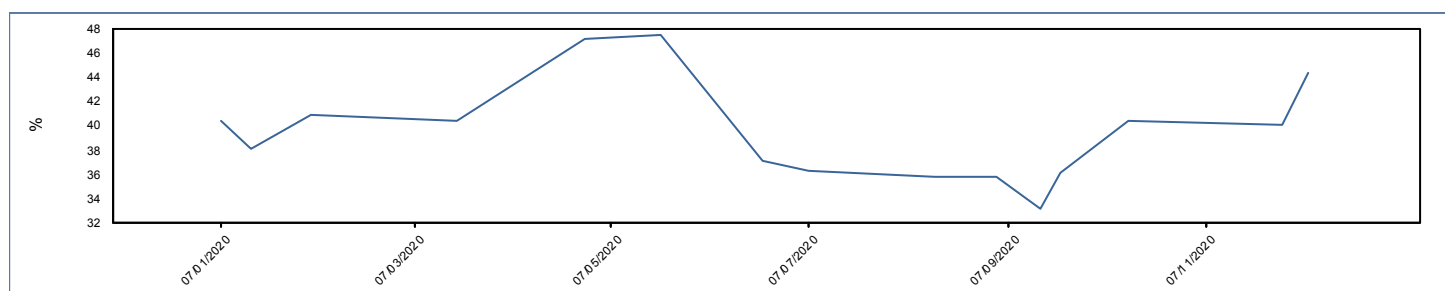
CHIWO121

Number of readings

15

Number of breaches

0



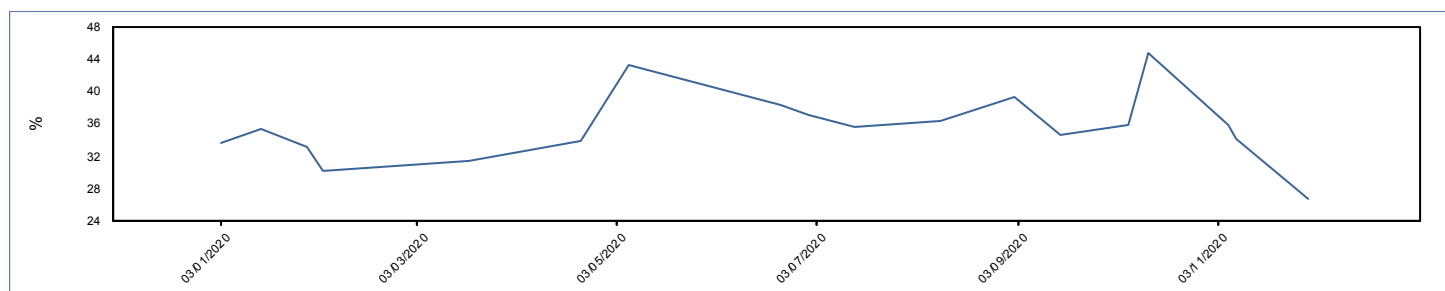
CHIWO123

Number of readings

18

Number of breaches

0



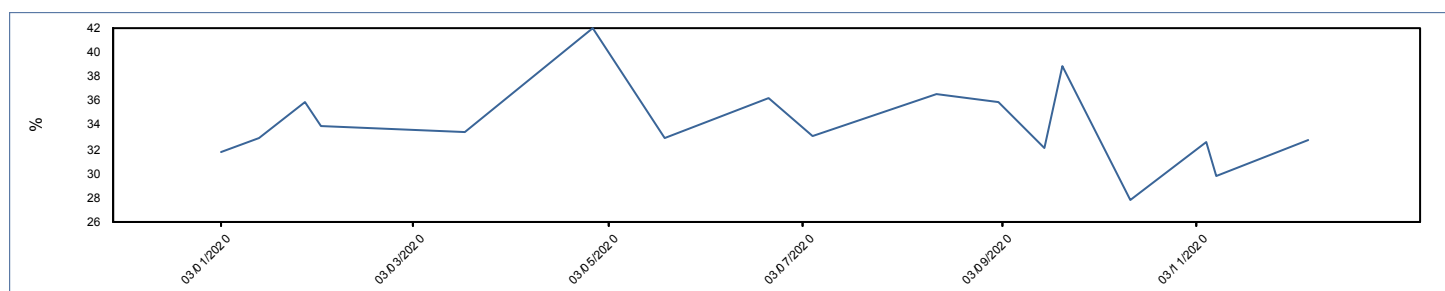
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

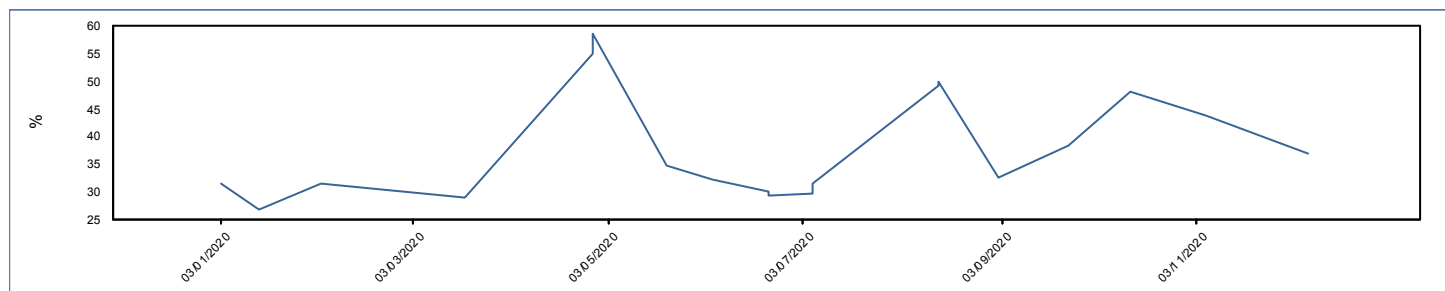
CHI0125

Number of readings

20

Number of breaches

0



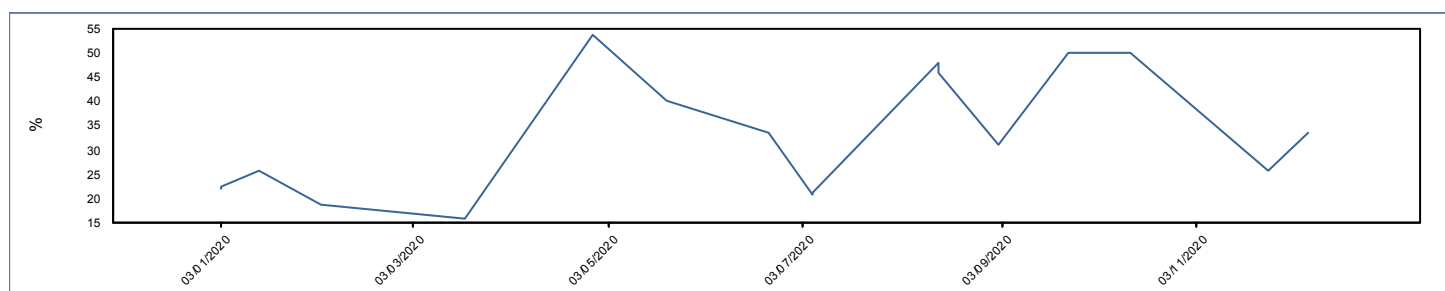
CHI0126

Number of readings

17

Number of breaches

0



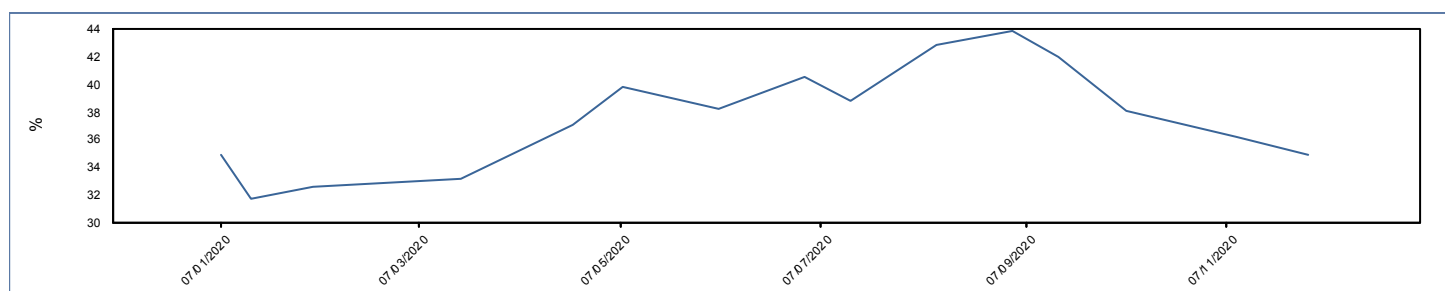
CHI0127

Number of readings

15

Number of breaches

0



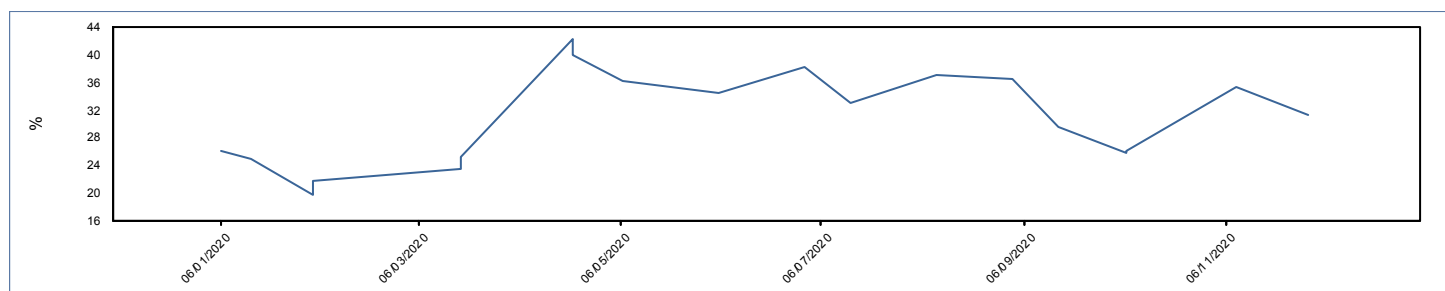
CHI0128

Number of readings

19

Number of breaches

0



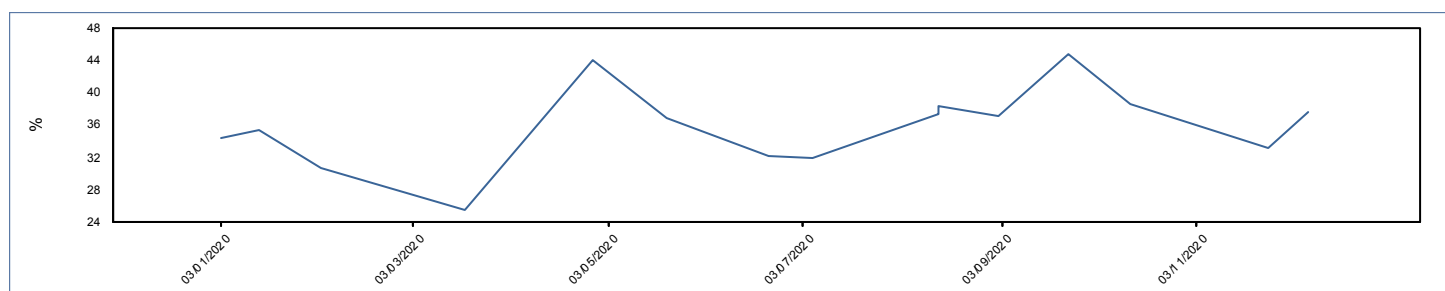
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

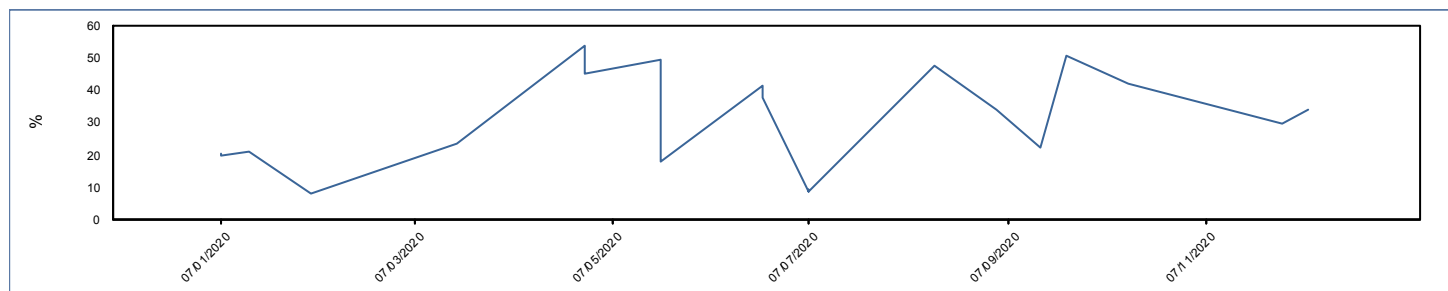
CHI1602

Number of readings

25

Number of breaches

0



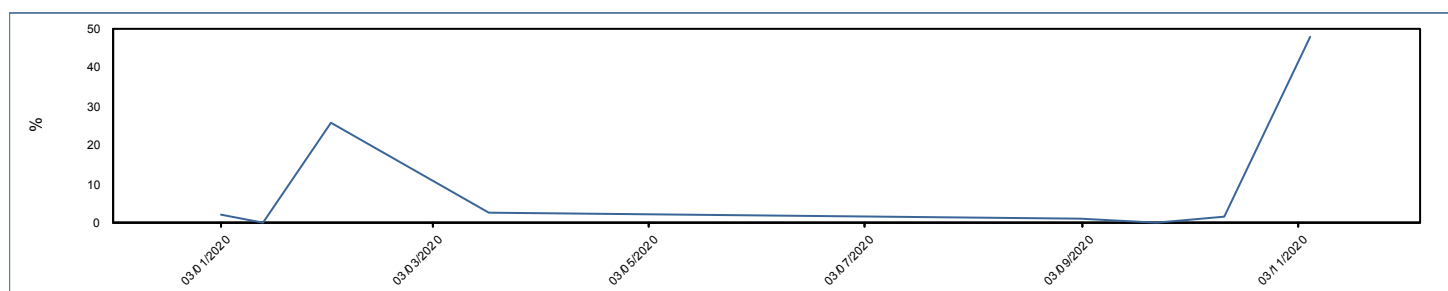
CHI1603

Number of readings

8

Number of breaches

0



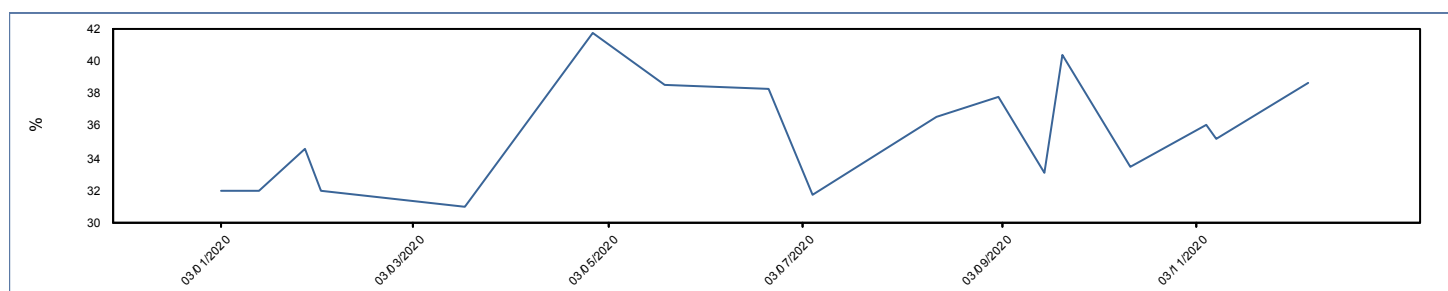
CHI1604

Number of readings

17

Number of breaches

0



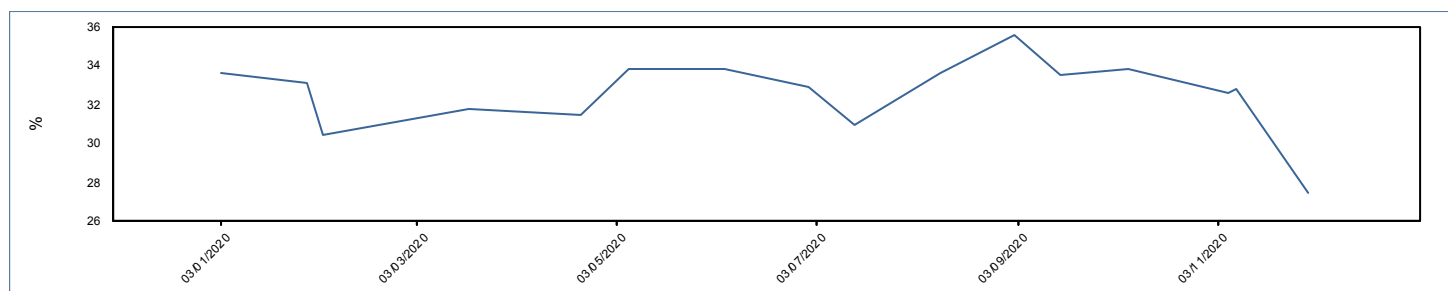
CHI1605

Number of readings

16

Number of breaches

0



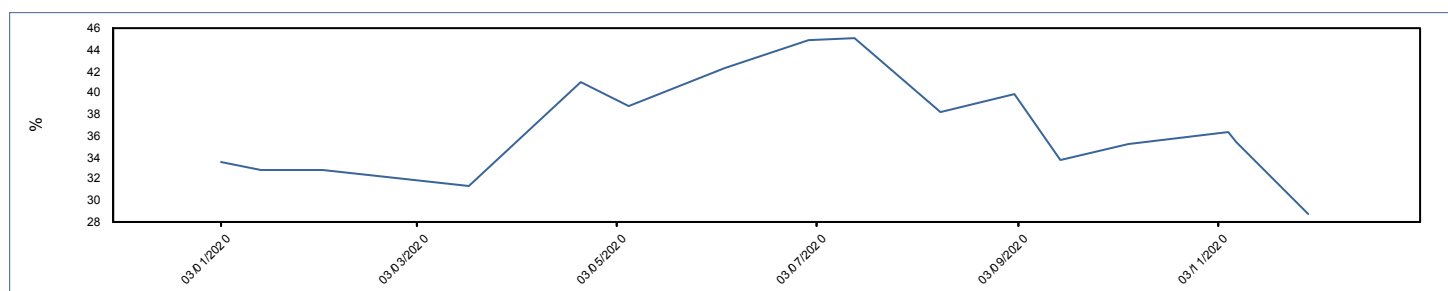
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

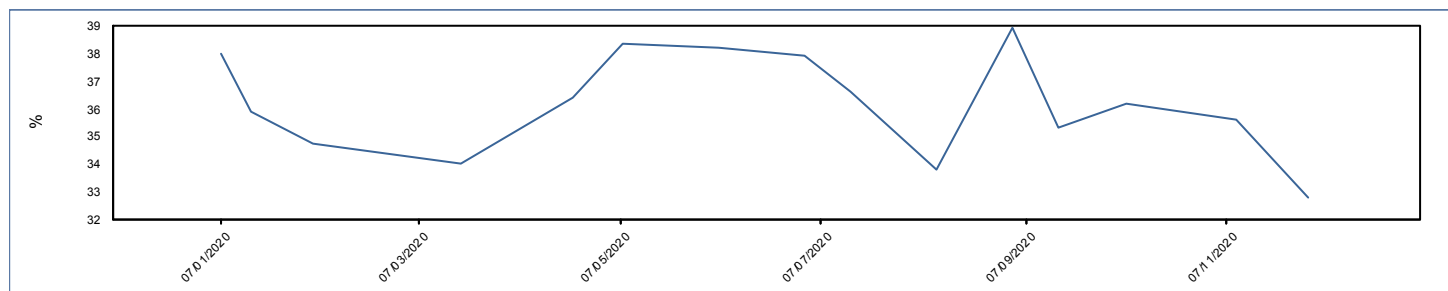
CHIWI608

Number of readings

15

Number of breaches

0



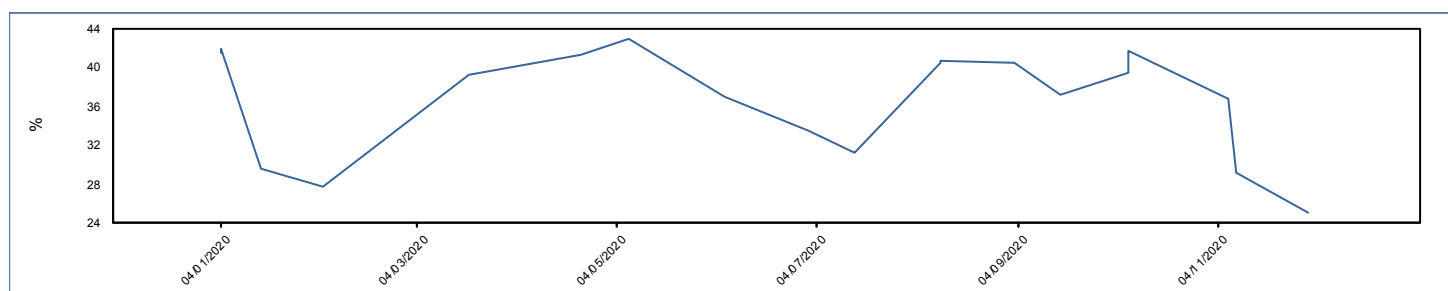
CHIWI609

Number of readings

20

Number of breaches

0



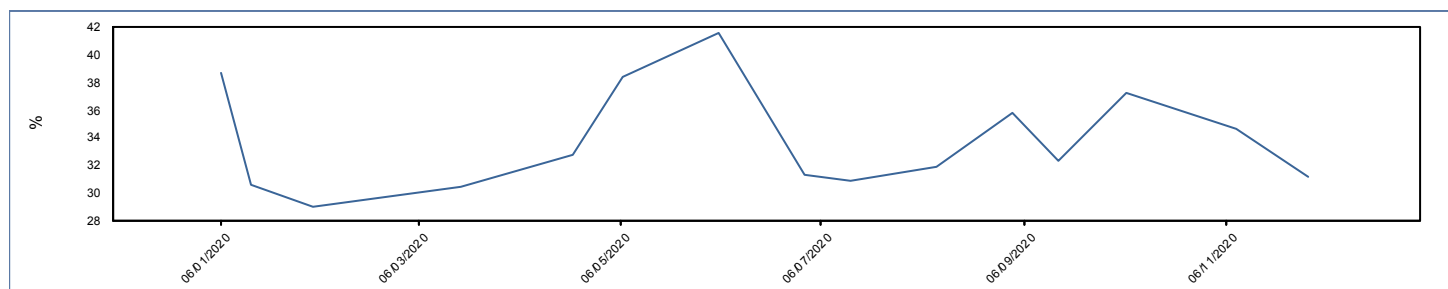
CHIWI610

Number of readings

15

Number of breaches

0



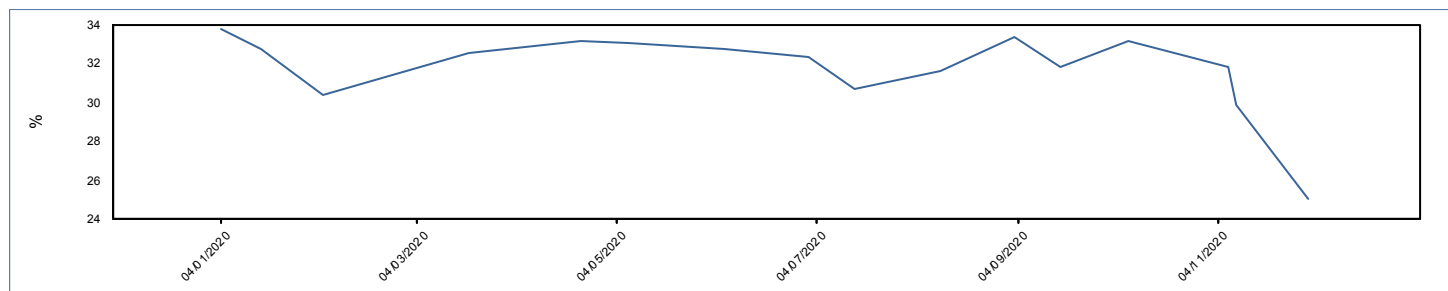
CHIWI611

Number of readings

16

Number of breaches

0



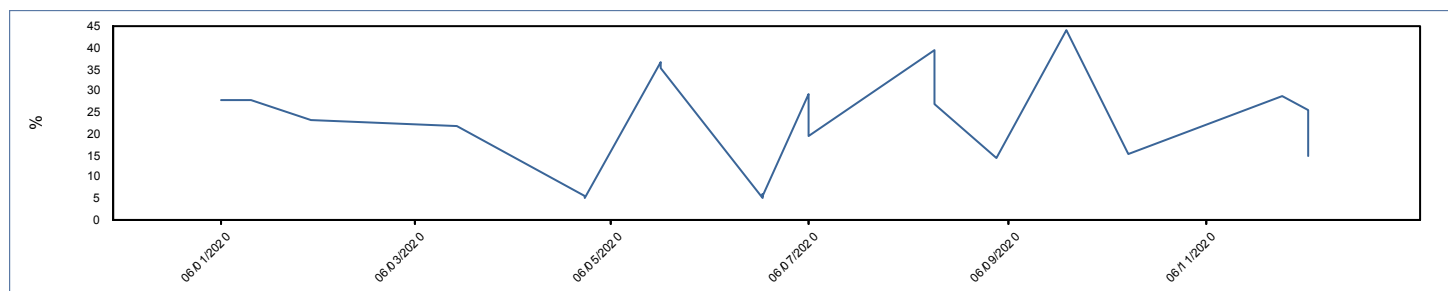
CHIWI612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

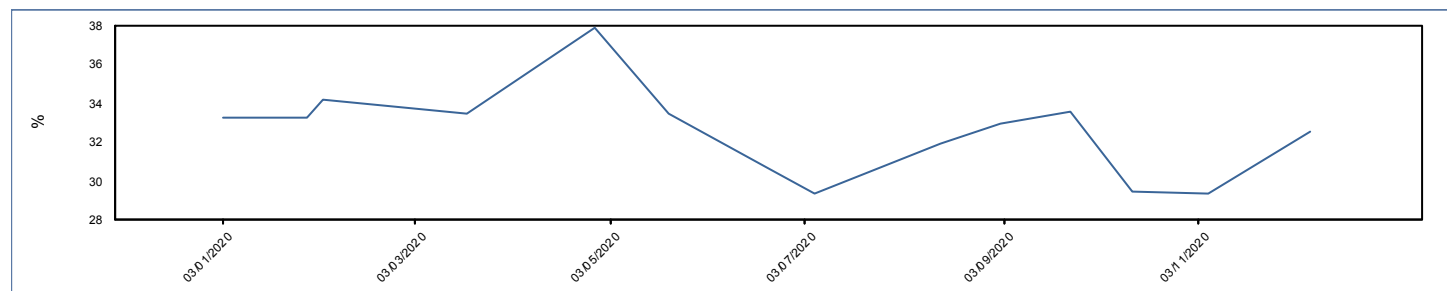
GW44

Number of readings

14

Number of breaches

0



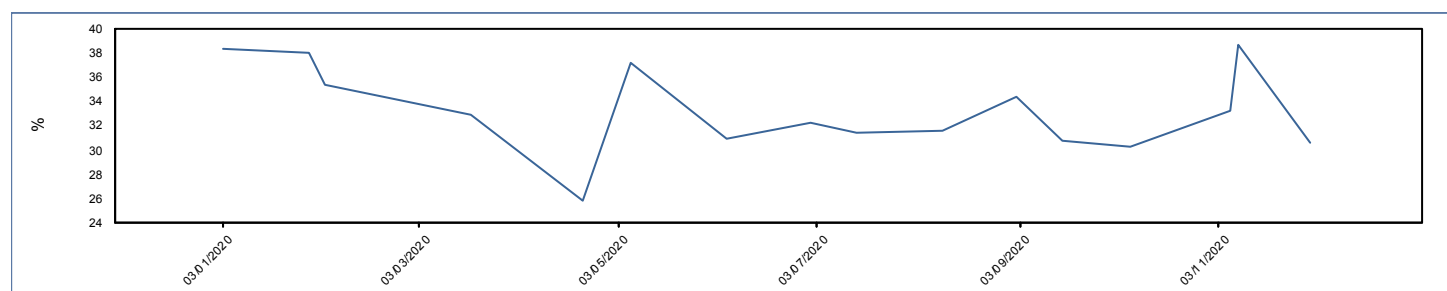
GW48

Number of readings

16

Number of breaches

0



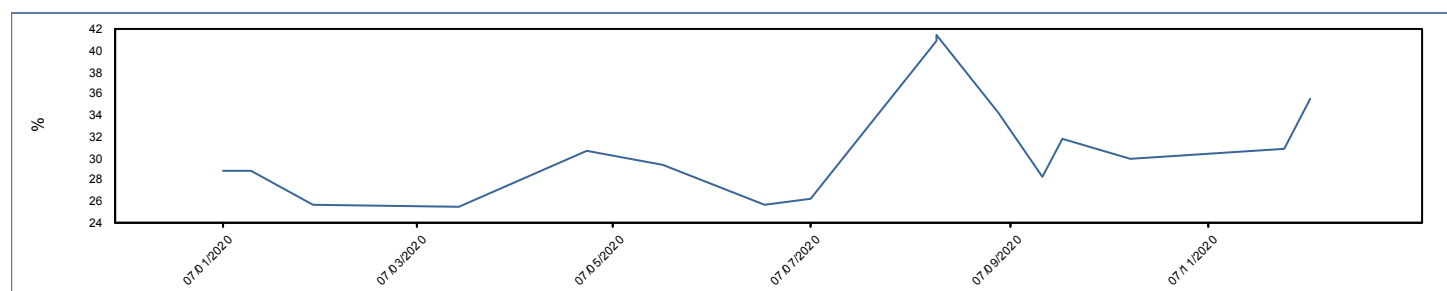
GW56

Number of readings

17

Number of breaches

0



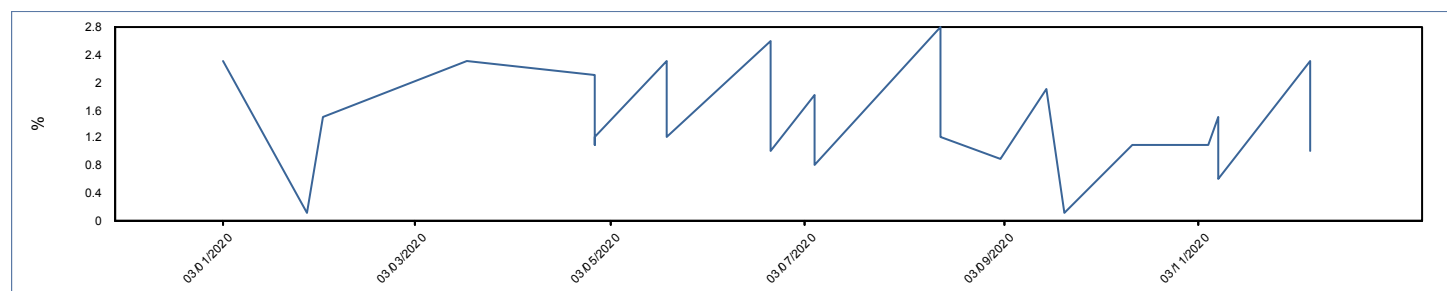
GW57

Number of readings

30

Number of breaches

0



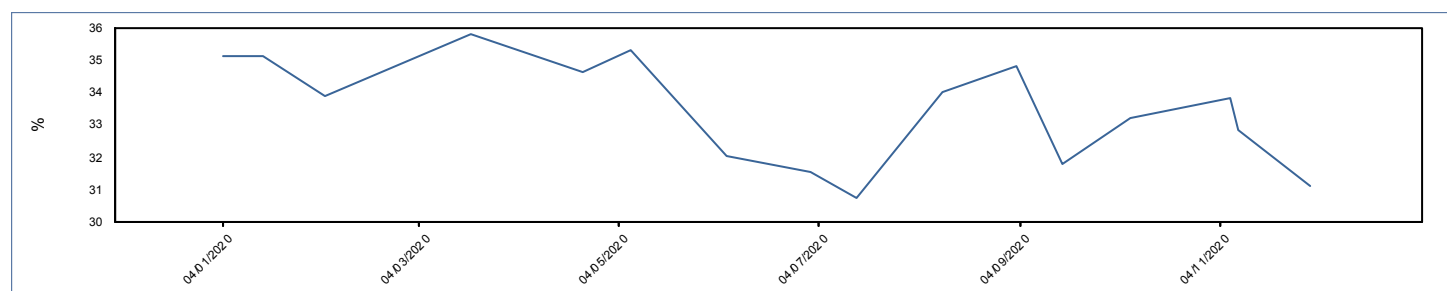
GW88

Number of readings

16

Number of breaches

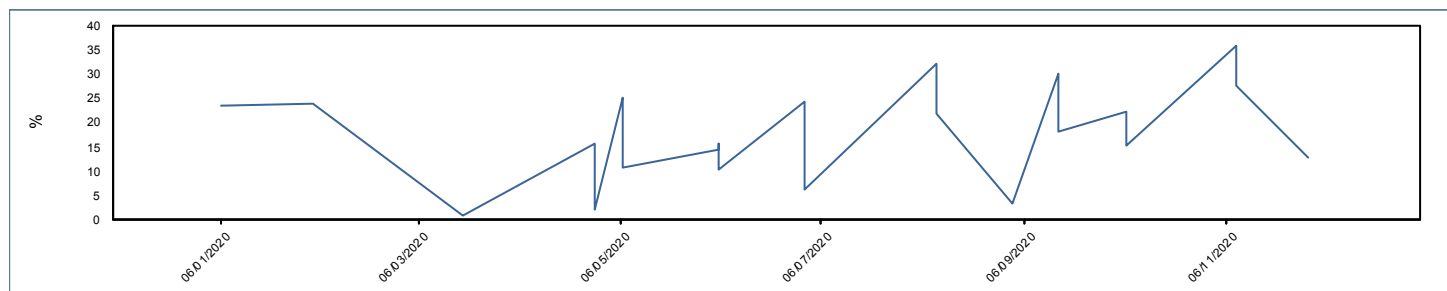
0



Data from: 1 Jan 2020 to: 31 Dec 2020

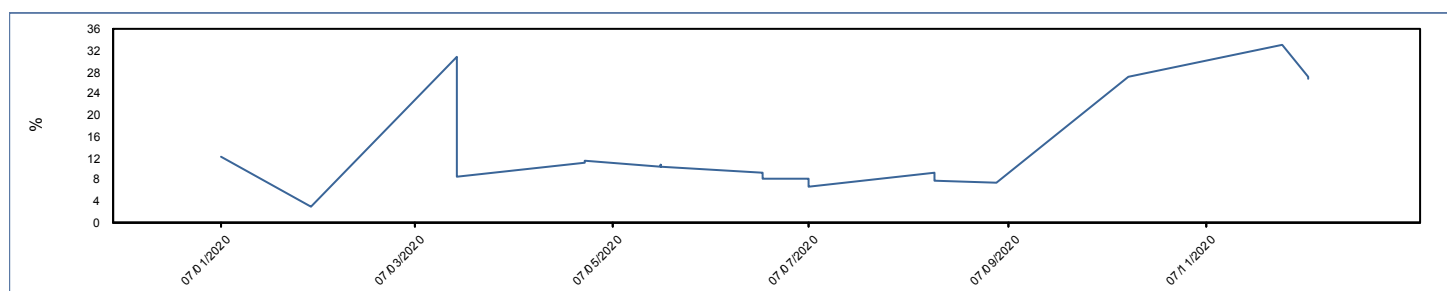
LC005A

Number of readings 29 Number of breaches 0



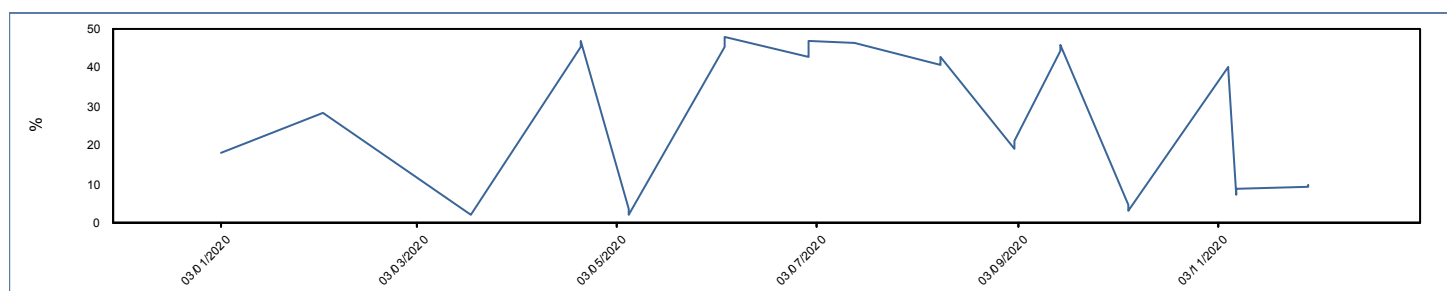
LC01B

Number of readings 24 Number of breaches 0



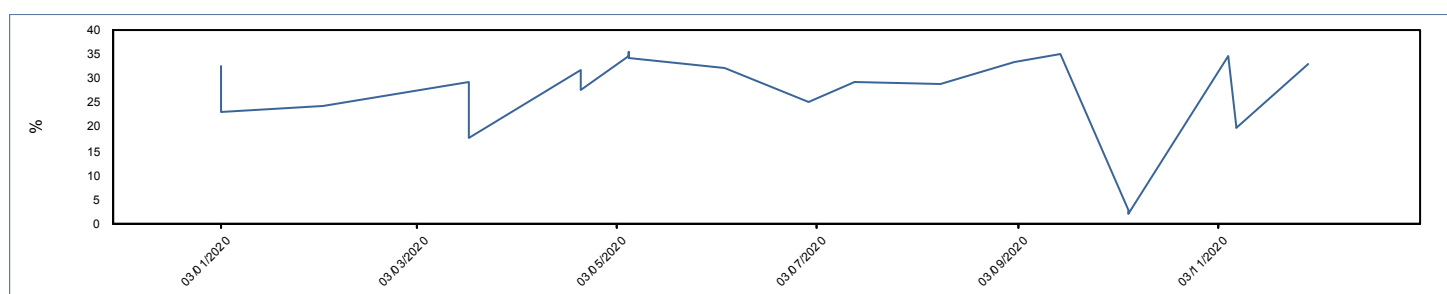
LM04B

Number of readings 28 Number of breaches 0



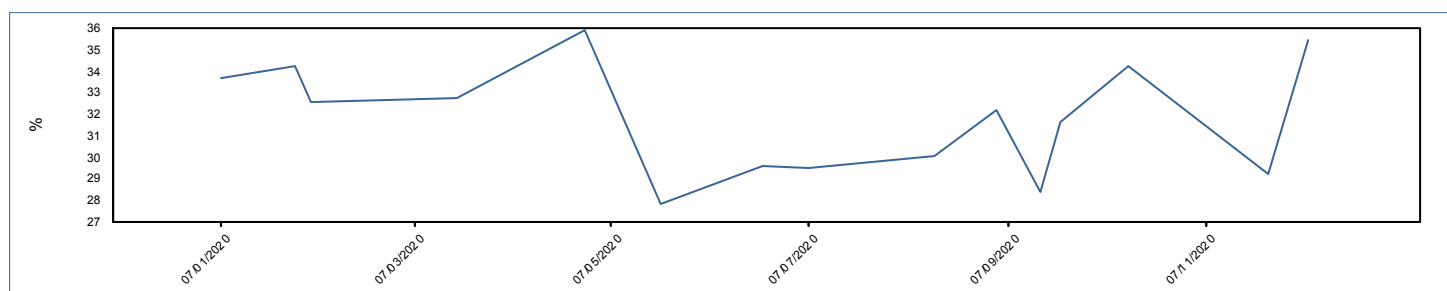
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

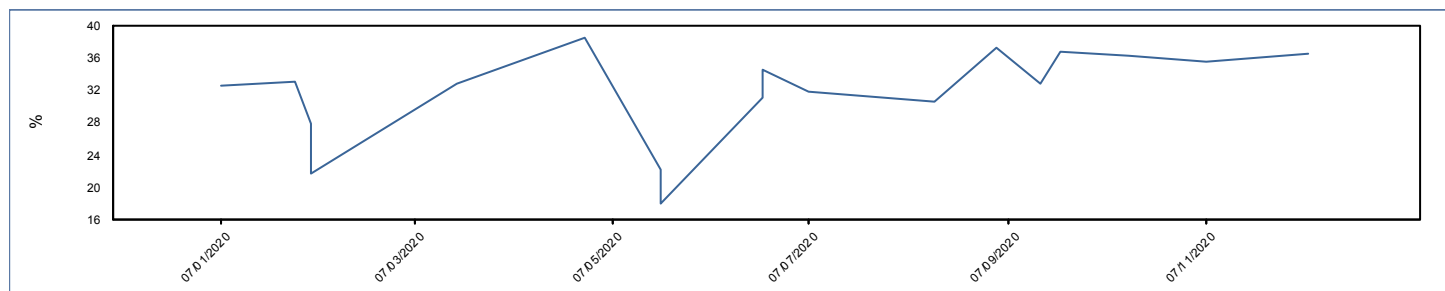
PBLFGXGW03

Number of readings

19

Number of breaches

0



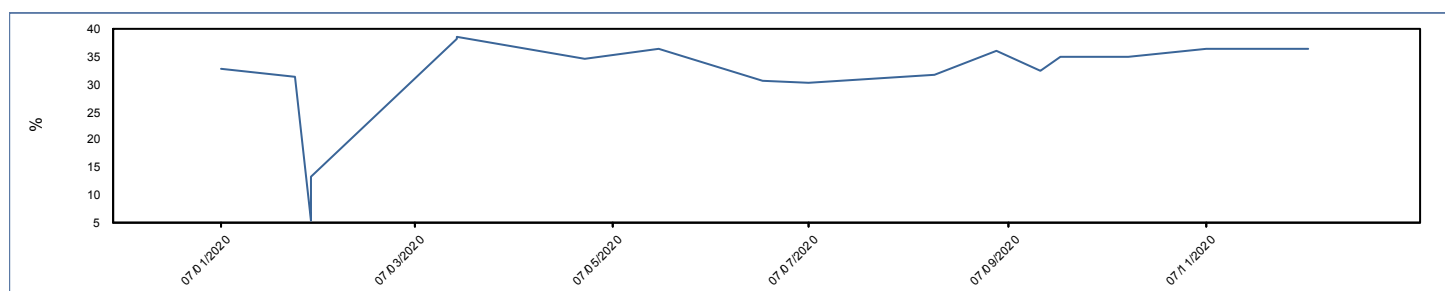
PBLFGXGW07

Number of readings

17

Number of breaches

0



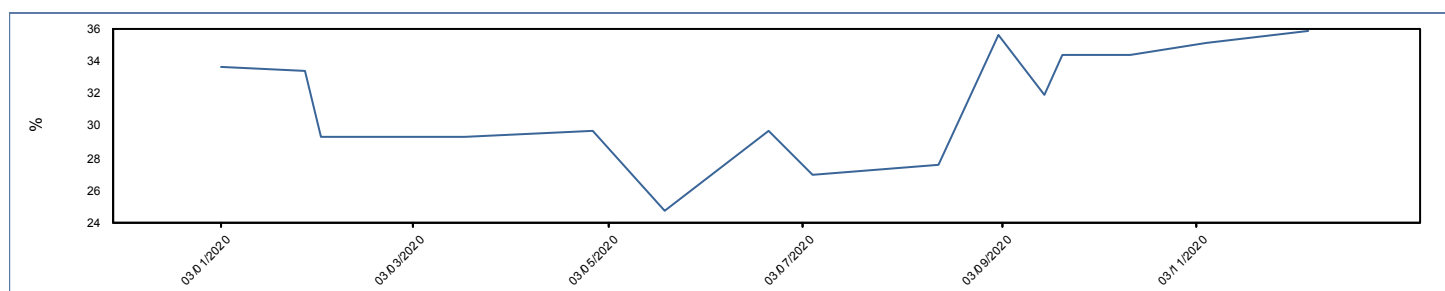
PBLFGXGW18

Number of readings

15

Number of breaches

0



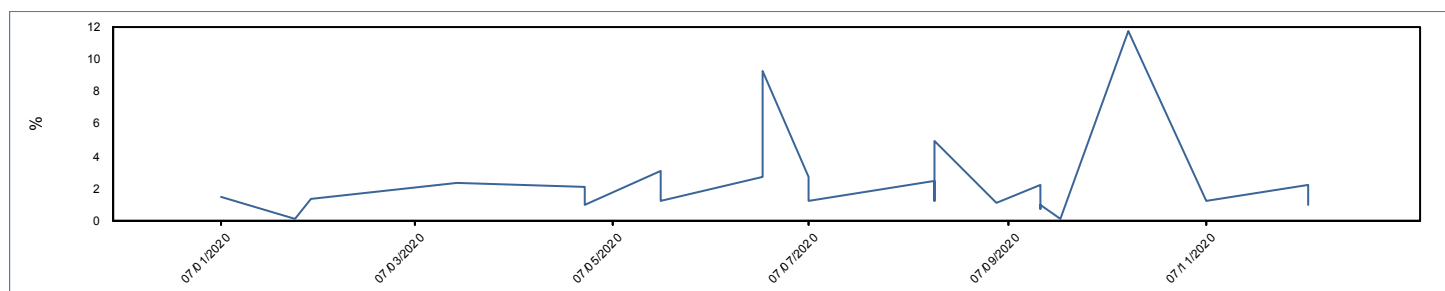
PBLFGXGW28

Number of readings

29

Number of breaches

0



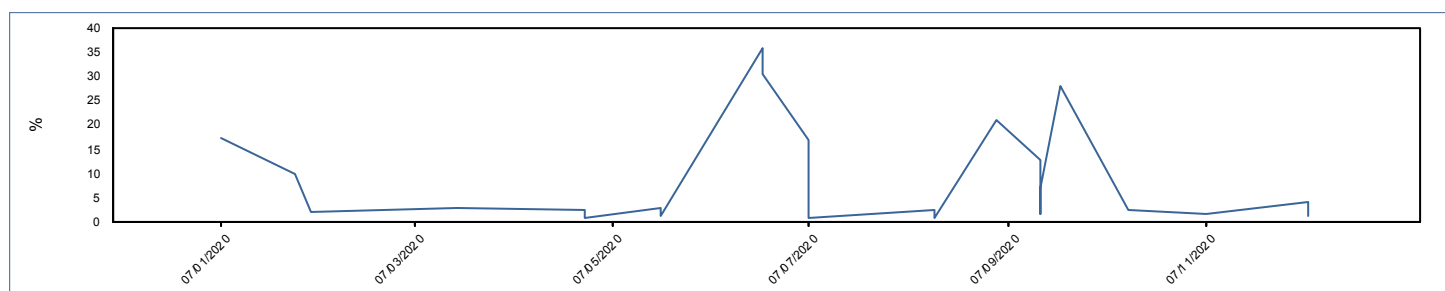
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

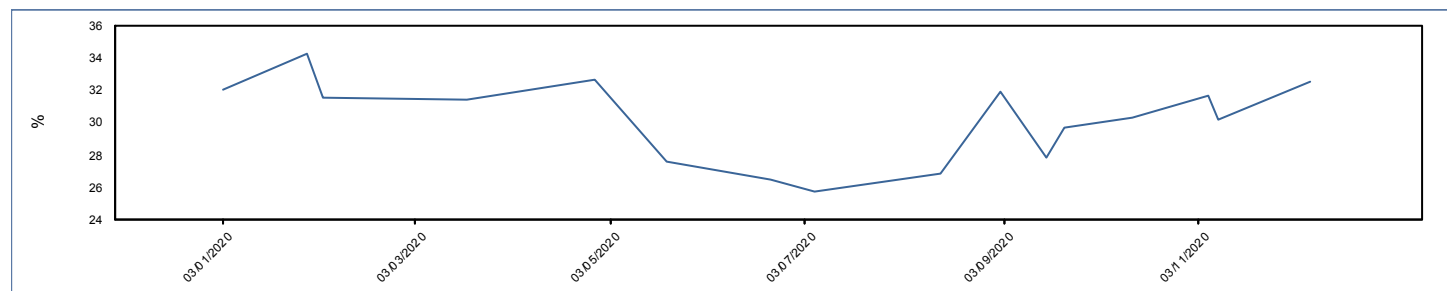
PBLFGXGW30

Number of readings

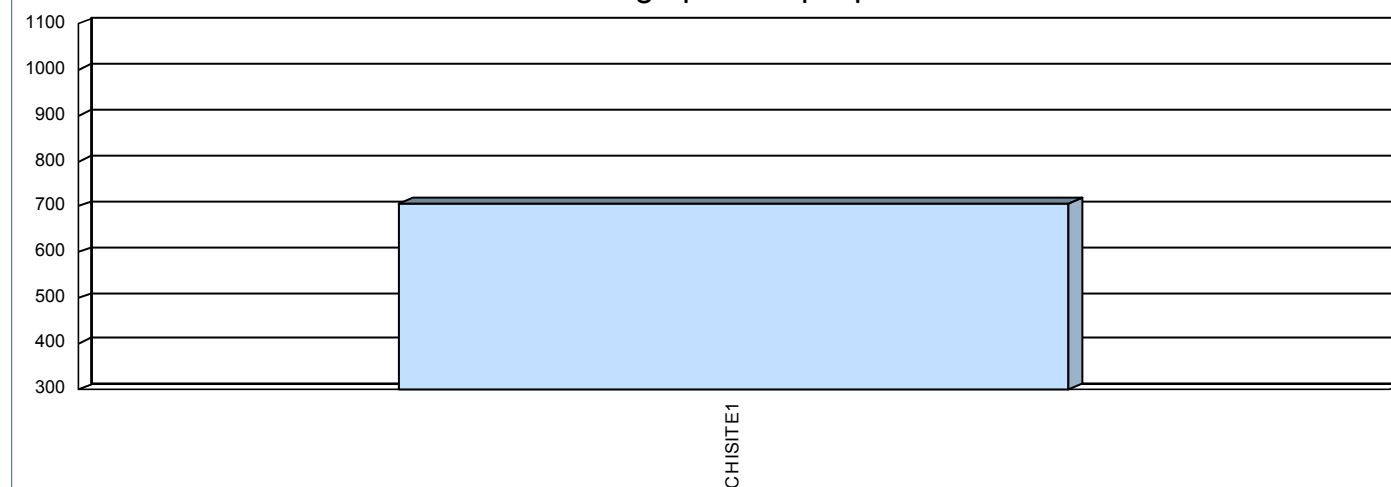
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	0.00	850.00	707.74	40,341.00	189.37	35,860.33	850.00
Total	57	0	0.00	850.00	707.74	40,341.00	189.37	35,860.33	850.00

Data from: 1 Jan 2020 to: 31 Dec 2020

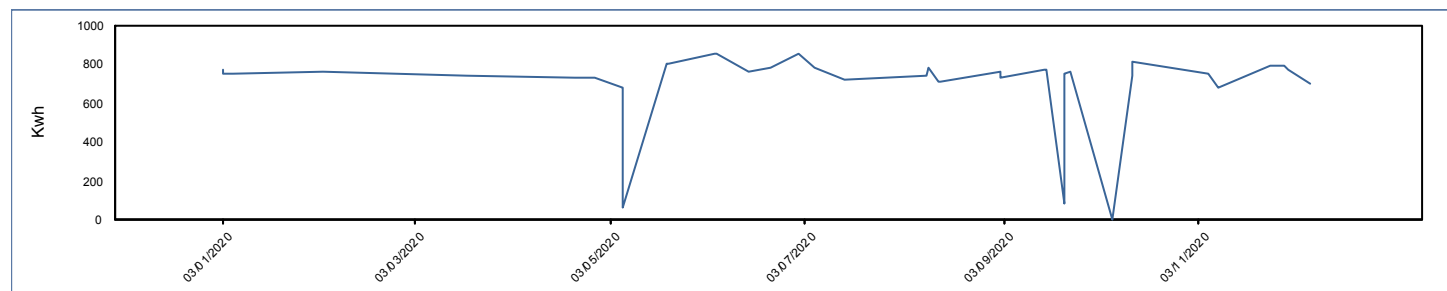
CHISITE1

Number of readings

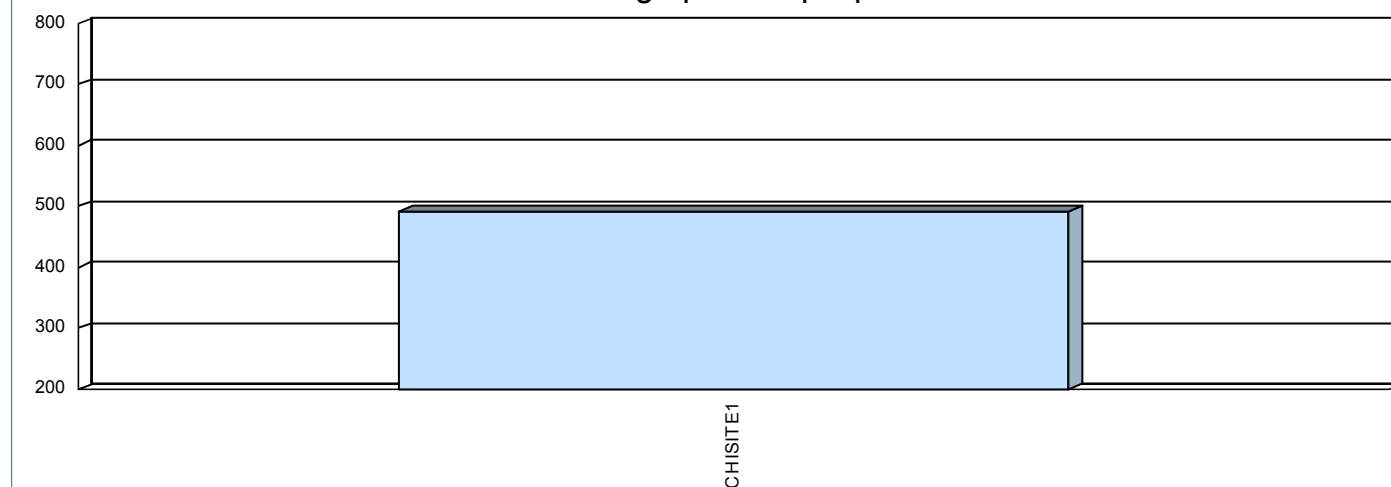
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHISITE1	57	0	180.00	590.00	492.14	28,052.00	71.78	5,152.47	569.00
Total	57	0	180.00	590.00	492.14	28,052.00	71.78	5,152.47	569.00

Data from: 1 Jan 2020 to: 31 Dec 2020

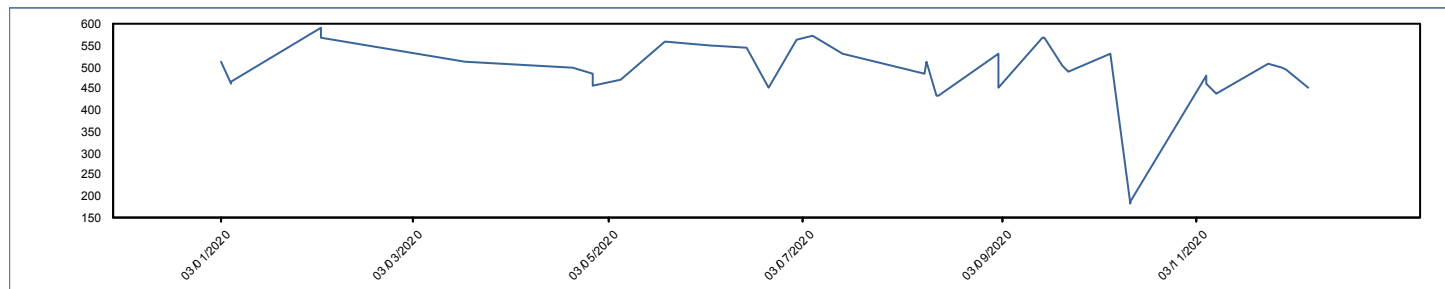
CHISITE1

Number of readings

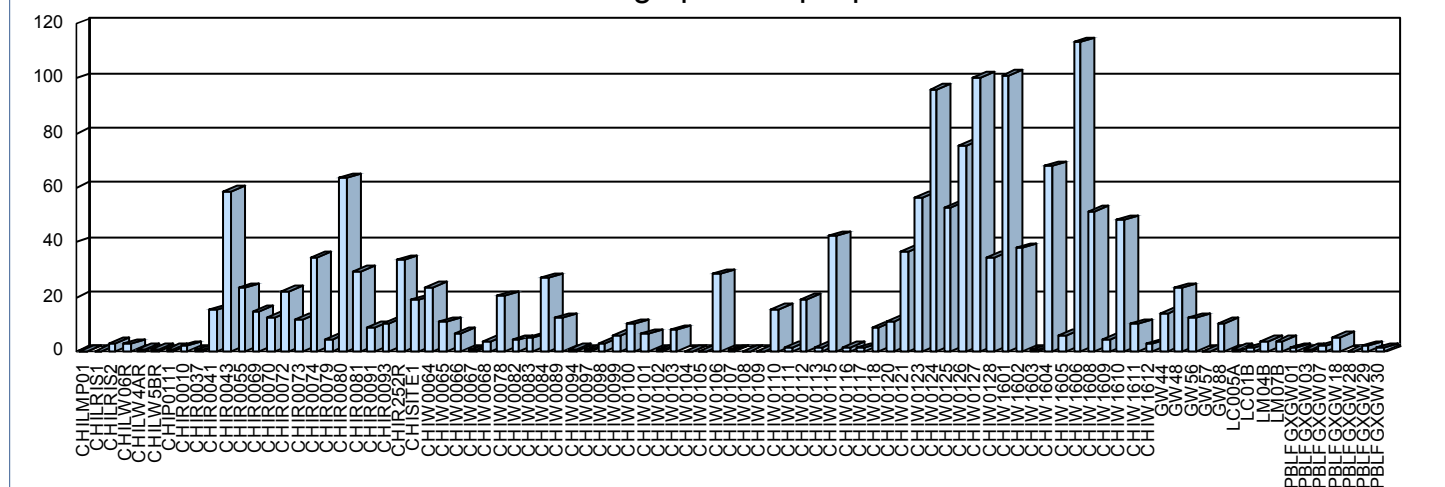
57

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	1.00	0.21	3.00	0.41	0.17	1.00
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	0.00	11.00	3.00	15.00	4.29	18.40	11.00
CHILW06R	28	0	0.00	60.00	2.64	74.00	11.19	125.30	35.00
CHILW4AR	27	0	0.00	21.00	1.00	27.00	3.94	15.56	11.00
CHILW5BR	29	0	0.00	4.00	0.79	23.00	1.19	1.41	4.00
CHIP0111	30	0	0.00	5.00	0.63	19.00	1.62	2.63	5.00
CHIR0010	30	0	0.00	15.00	1.83	55.00	3.24	10.47	12.00
CHIR0037	31	0	0.00	3.00	0.58	18.00	1.07	1.15	3.00
CHIR0041	16	0	0.00	126.00	15.19	243.00	35.72	1,275.90	126.00
CHIR0043	15	0	0.00	372.00	58.80	882.00	118.99	14,159.36	372.00
CHIR0055	15	0	0.00	138.00	23.20	348.00	41.53	1,725.09	138.00
CHIR0069	15	0	0.00	82.00	14.80	222.00	26.34	693.89	82.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	0.00	118.00	12.67	190.00	30.02	901.29	118.00
CHIR0072	16	0	0.00	163.00	22.19	355.00	50.80	2,580.53	163.00
CHIR0073	18	0	0.00	130.00	11.78	212.00	29.55	873.28	130.00
CHIR0074	15	0	0.00	206.00	34.67	520.00	65.99	4,355.02	206.00
CHIR0079	15	0	0.00	32.00	4.47	67.00	7.92	62.65	32.00
CHIR0080	23	0	0.00	713.00	63.30	1,456.00	172.52	29,763.78	608.00
CHIR0081	35	0	0.00	530.00	29.37	1,028.00	100.12	10,024.00	385.50
CHIR0091	17	0	0.00	70.00	8.88	151.00	21.03	442.22	70.00
CHIR0093	17	0	0.00	45.00	10.12	172.00	12.11	146.57	45.00
CHIR252R	14	0	0.00	409.00	33.36	467.00	104.35	10,888.80	409.00
CHISITE1	57	0	0.00	158.00	18.74	1,068.00	40.74	1,659.98	149.00
CHIW0064	15	0	0.00	157.00	23.47	352.00	49.33	2,433.58	157.00
CHIW0065	14	0	0.00	56.00	10.57	148.00	18.65	347.82	56.00
CHIW0066	16	0	0.00	53.00	6.75	108.00	14.93	222.81	53.00
CHIW0067	37	0	0.00	10.00	0.49	18.00	1.65	2.74	6.00
CHIW0068	16	0	0.00	37.00	3.63	58.00	8.81	77.61	37.00
CHIW0078	20	0	0.00	345.00	20.25	405.00	74.90	5,610.69	190.50
CHIW0082	19	0	0.00	22.00	4.16	79.00	5.92	35.08	22.00
CHIW0083	16	0	0.00	35.00	4.88	78.00	8.92	79.48	35.00
CHIW0084	14	0	0.00	189.00	26.79	375.00	60.81	3,698.31	189.00
CHIW0089	16	0	0.00	99.00	12.06	193.00	29.05	843.93	99.00
CHIW0094	34	0	0.00	8.00	0.94	32.00	2.30	5.29	8.00
CHIW0097	34	0	0.00	5.00	0.59	20.00	1.48	2.18	5.00
CHIW0098	16	0	0.00	25.00	3.13	50.00	6.24	38.98	25.00
CHIW0099	16	0	0.00	35.00	5.75	92.00	10.13	102.69	35.00
CHIW0100	22	0	0.00	39.00	9.86	217.00	12.02	144.39	35.50
CHIW0101	16	0	0.00	54.00	6.31	101.00	13.47	181.46	54.00
CHIW0102	39	0	0.00	6.00	0.49	19.00	1.43	2.04	5.00
CHIW0103	24	0	0.00	88.00	7.83	188.00	17.93	321.47	55.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	0.00	2.00	0.27	8.00	0.51	0.26	1.50
CHIW0105	24	0	0.00	2.00	0.21	5.00	0.50	0.25	1.50
CHIW0106	26	0	0.00	727.00	28.23	734.00	139.76	19,532.10	366.00
CHIW0107	25	0	0.00	5.00	0.36	9.00	1.02	1.03	3.00
CHIW0108	25	0	0.00	1.00	0.16	4.00	0.37	0.13	1.00
CHIW0109	25	0	0.00	2.00	0.24	6.00	0.65	0.42	2.00
CHIW0110	15	0	0.00	111.00	15.53	233.00	34.70	1,204.38	111.00
CHIW0111	28	0	0.00	10.00	1.54	43.00	3.09	9.53	9.50
CHIW0112	15	0	0.00	85.00	19.27	289.00	31.18	972.46	85.00
CHIW0113	20	0	0.00	9.00	1.65	33.00	2.03	4.13	6.00
CHIW0115	16	0	0.00	304.00	42.19	675.00	93.90	8,817.90	304.00
CHIW0116	26	0	0.00	5.00	1.38	36.00	1.60	2.54	4.50
CHIW0117	32	0	0.00	4.00	1.09	35.00	1.23	1.52	3.50
CHIW0118	16	0	0.00	66.00	8.94	143.00	21.43	459.31	66.00
CHIW0120	14	0	0.00	89.00	10.86	152.00	23.39	546.98	89.00
CHIW0121	15	0	0.00	170.00	36.47	547.00	55.94	3,128.92	170.00
CHIW0123	18	0	0.00	317.00	56.50	1,017.00	93.65	8,769.92	317.00
CHIW0124	17	0	0.00	579.00	96.00	1,632.00	187.81	35,273.76	579.00
CHIW0125	20	0	1.00	299.00	52.75	1,055.00	79.43	6,309.69	283.00
CHIW0126	17	0	0.00	628.00	75.29	1,280.00	148.81	22,144.56	628.00
CHIW0127	15	0	0.00	504.00	100.20	1,503.00	143.53	20,601.09	504.00
CHIW0128	19	0	0.00	186.00	34.26	651.00	52.97	2,806.30	186.00
CHIW1601	15	0	0.00	965.00	101.20	1,518.00	242.62	58,862.69	965.00
CHIW1602	25	0	0.00	611.00	37.64	941.00	119.36	14,247.19	360.00
CHIW1603	8	0	0.00	2.00	0.50	4.00	0.71	0.50	2.00
CHIW1604	17	0	0.00	327.00	67.82	1,153.00	114.58	13,127.44	327.00
CHIW1605	16	0	0.00	44.00	5.75	92.00	12.40	153.81	44.00
CHIW1606	16	0	0.00	784.00	113.25	1,812.00	202.88	41,160.31	784.00
CHIW1608	15	0	0.00	309.00	51.40	771.00	97.67	9,539.71	309.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	0.00	29.00	4.60	92.00	7.23	52.34	24.00
CHIW1610	15	0	0.00	250.00	47.87	718.00	74.93	5,614.92	250.00
CHIW1611	16	0	0.00	81.00	9.94	159.00	20.99	440.56	81.00
CHIW1612	24	0	0.00	55.00	2.67	64.00	10.95	119.97	29.50
GW44	14	0	0.00	74.00	14.00	196.00	21.88	478.86	74.00
GW48	16	0	0.00	215.00	23.13	370.00	58.89	3,468.23	215.00
GW56	17	0	0.00	67.00	12.18	207.00	21.68	470.03	67.00
GW57	30	0	0.00	1.00	0.13	4.00	0.34	0.12	1.00
GW88	16	0	0.00	92.00	10.19	163.00	24.67	608.40	92.00
LC005A	29	0	0.00	4.00	0.86	25.00	1.36	1.84	4.00
LC01B	24	0	0.00	4.00	1.21	29.00	1.35	1.83	4.00
LM04B	28	0	0.00	41.00	3.54	99.00	8.11	65.82	27.00
LM07B	25	0	0.00	78.00	3.60	90.00	15.24	232.40	41.50
PBLFGXGW01	15	0	0.00	9.00	1.20	18.00	2.59	6.69	9.00
PBLFGXGW03	19	0	0.00	7.00	0.84	16.00	2.01	4.03	7.00
PBLFGXGW07	17	0	0.00	19.00	2.06	35.00	4.98	24.76	19.00
PBLFGXGW18	15	0	0.00	49.00	5.40	81.00	13.42	180.11	49.00
PBLFGXGW28	29	0	0.00	1.00	0.10	3.00	0.30	0.09	1.00
PBLFGXGW29	28	0	0.00	39.00	1.89	53.00	7.43	55.17	25.00
PBLFGXGW30	16	0	0.00	14.00	1.25	20.00	3.36	11.31	14.00
Total	1,865	0	0.00	965.00	15.53	28,971.00	64.67	4,181.69	77.00

Data from: 1 Jan 2020 to: 31 Dec 2020

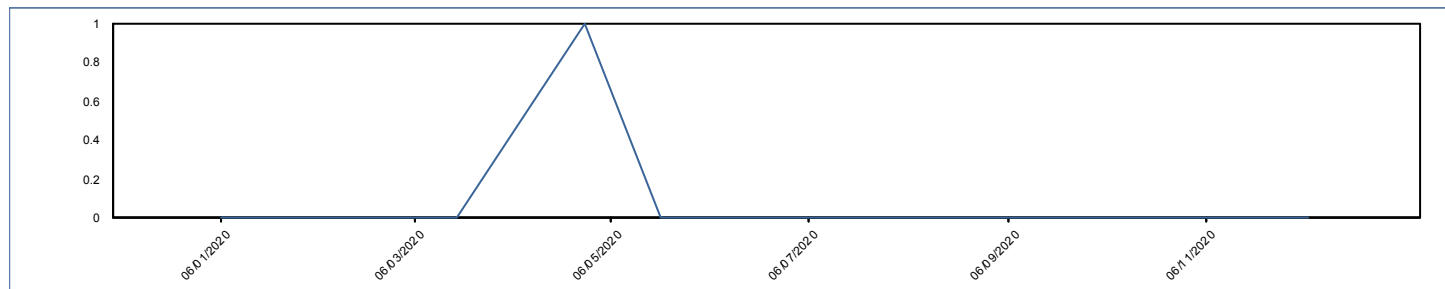
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



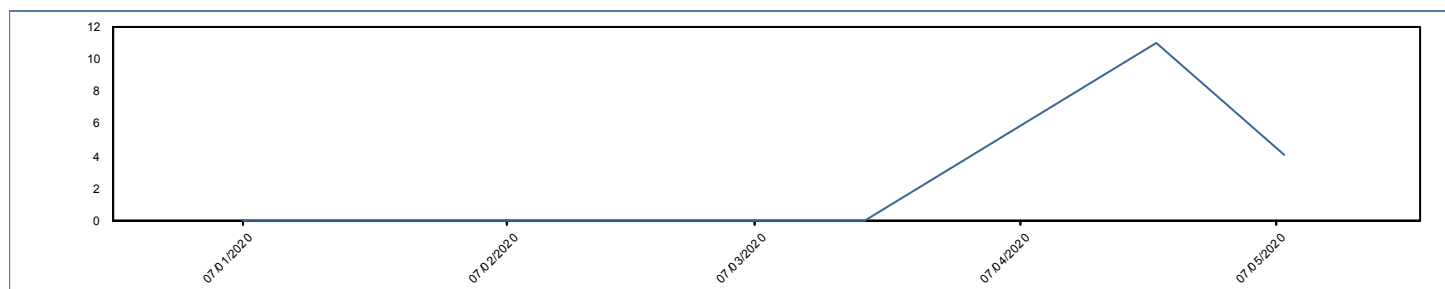
CHILRIS2

Number of readings

5

Number of breaches

0



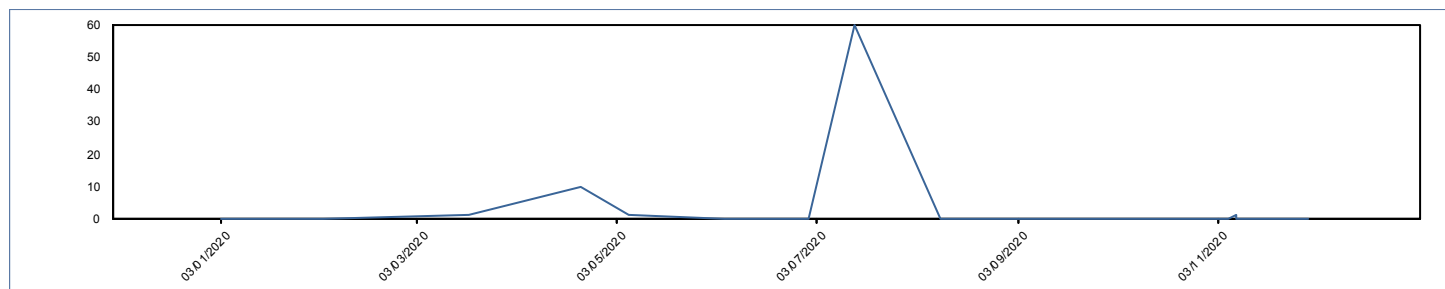
CHILW06R

Number of readings

28

Number of breaches

0



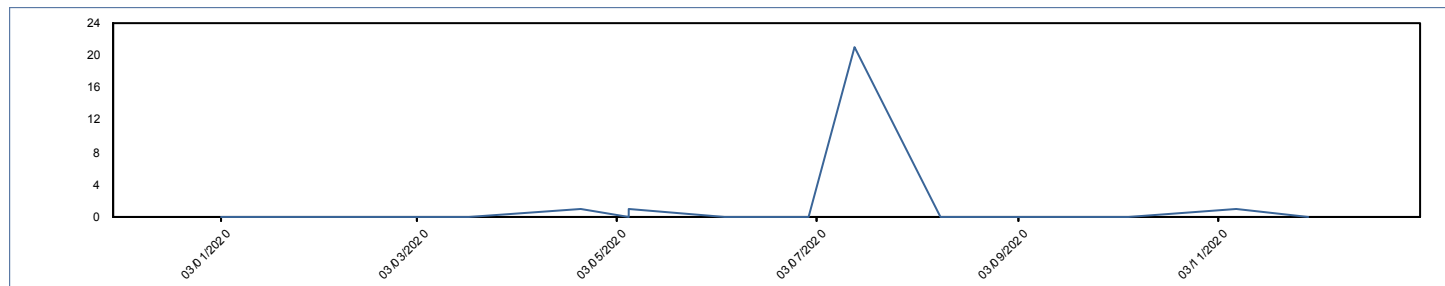
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

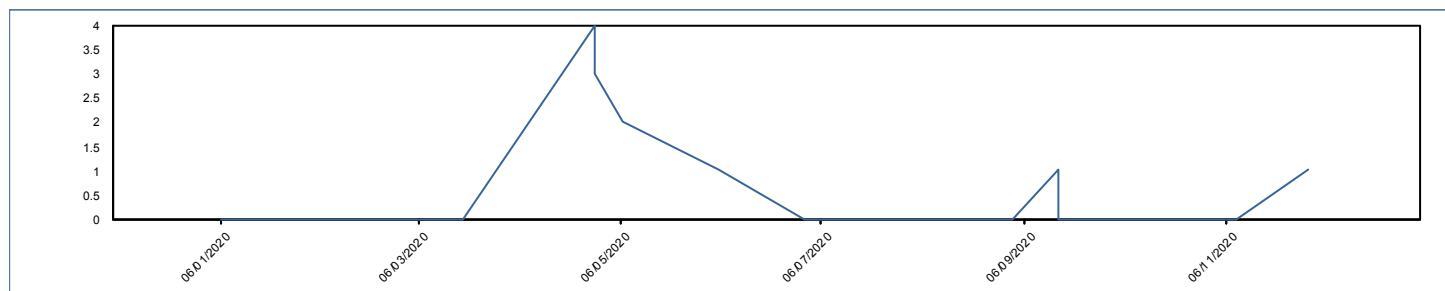
CHILW5BR

Number of readings

29

Number of breaches

0



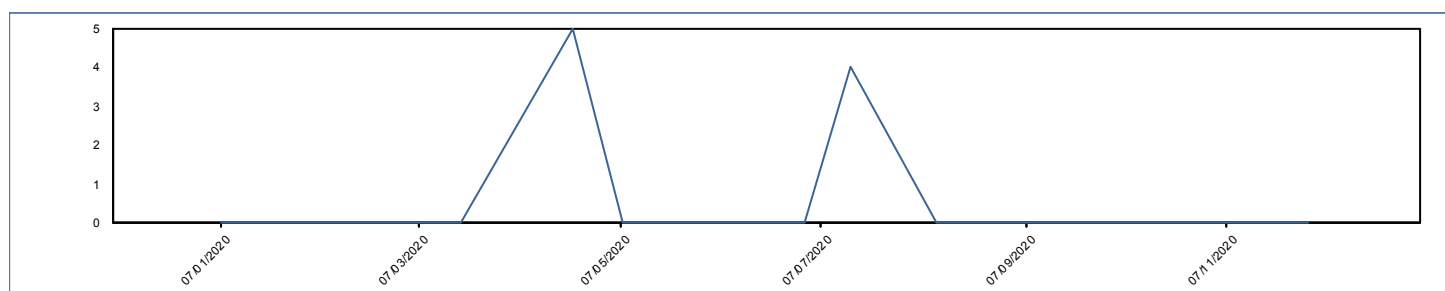
CHIP0111

Number of readings

30

Number of breaches

0



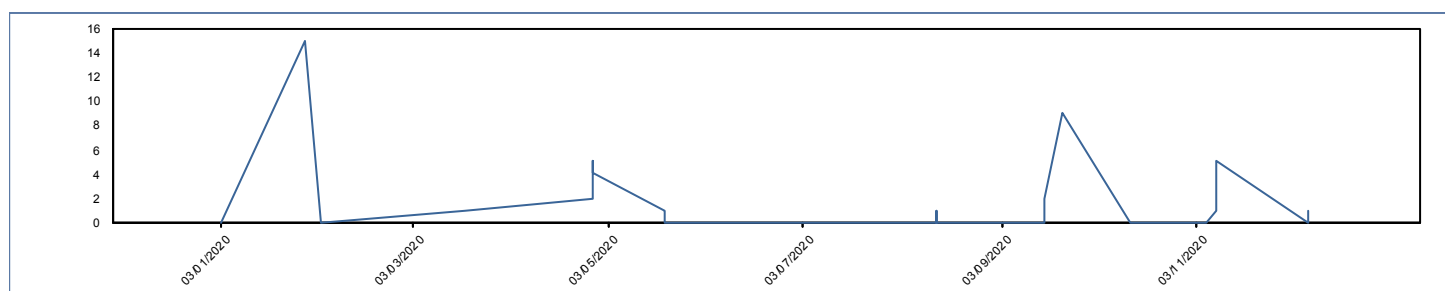
CHIR0010

Number of readings

30

Number of breaches

0



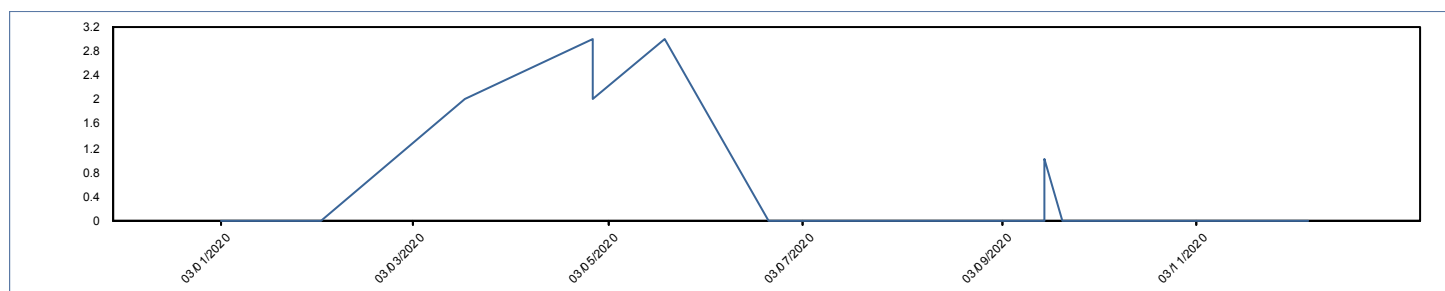
CHIR0037

Number of readings

31

Number of breaches

0



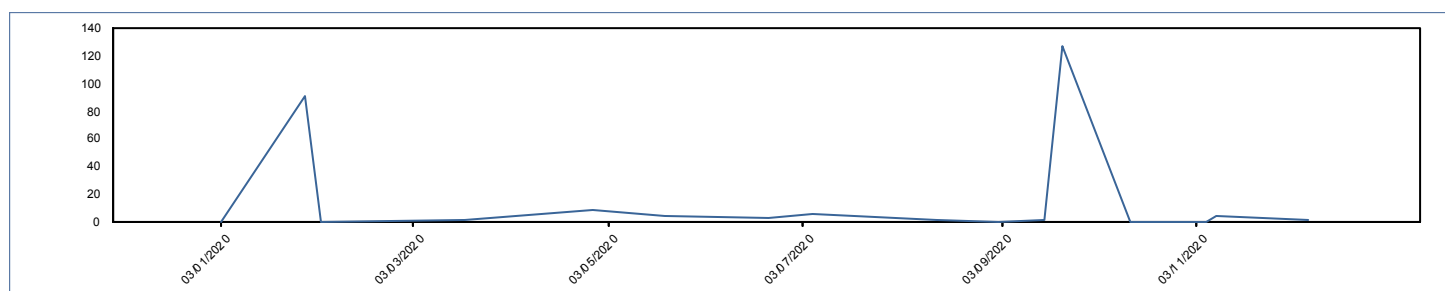
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

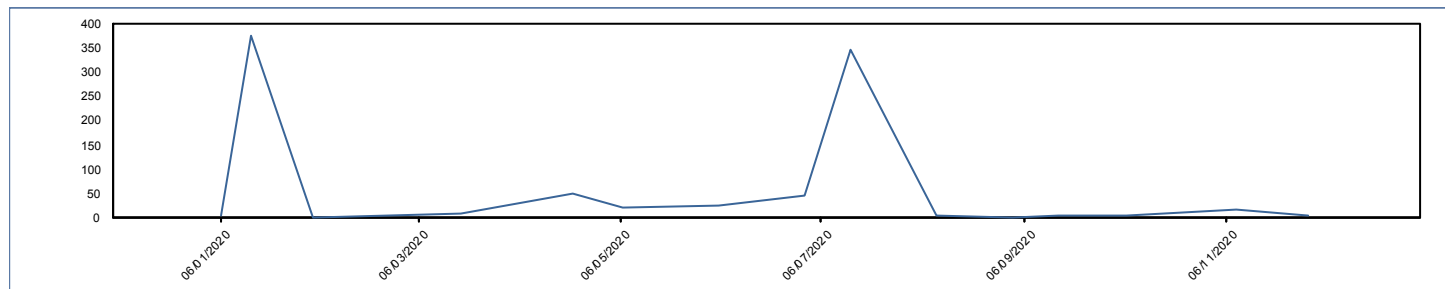
CHIR0043

Number of readings

15

Number of breaches

0



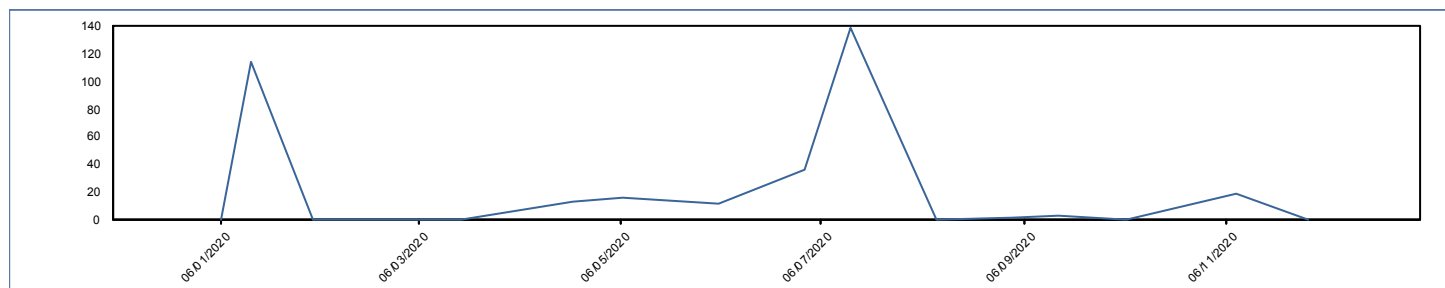
CHIR0055

Number of readings

15

Number of breaches

0



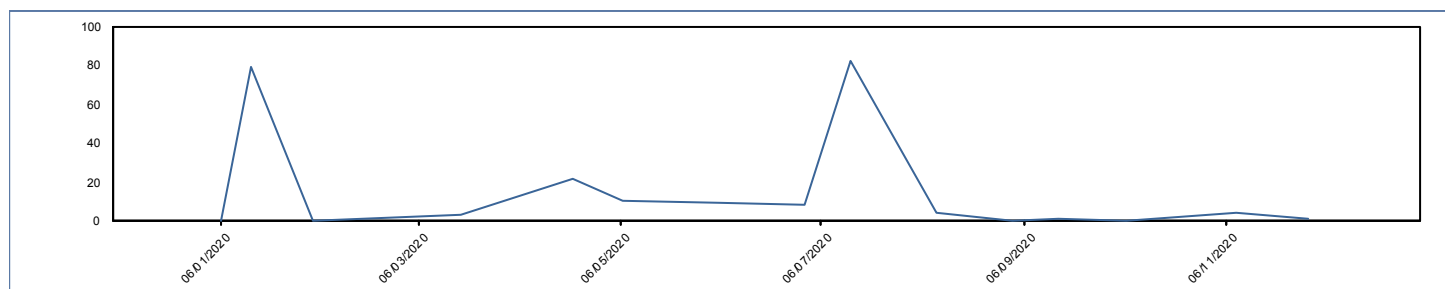
CHIR0069

Number of readings

15

Number of breaches

0



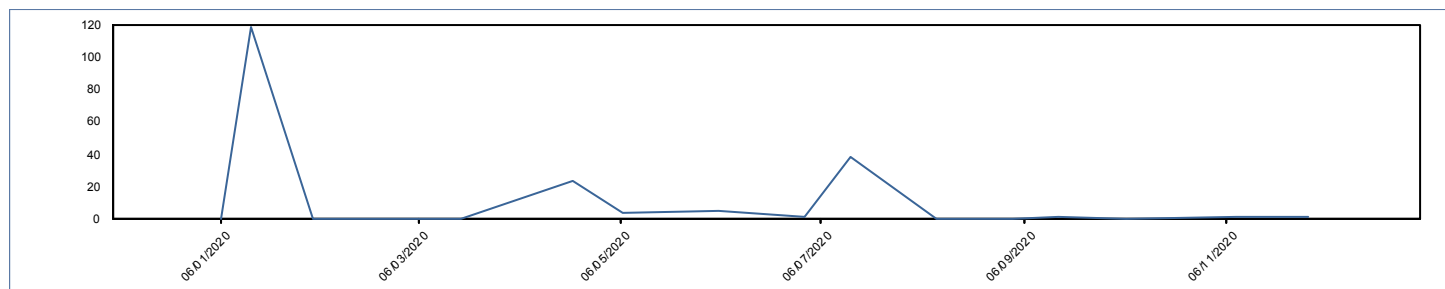
CHIR0070

Number of readings

15

Number of breaches

0



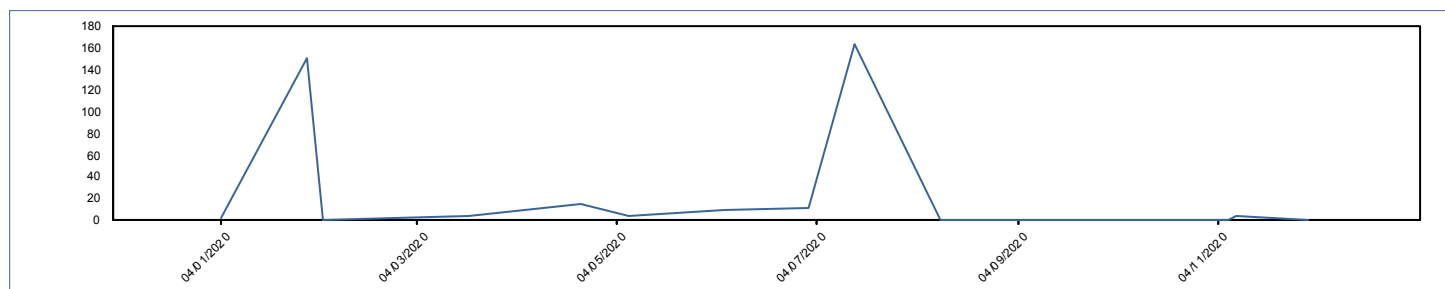
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

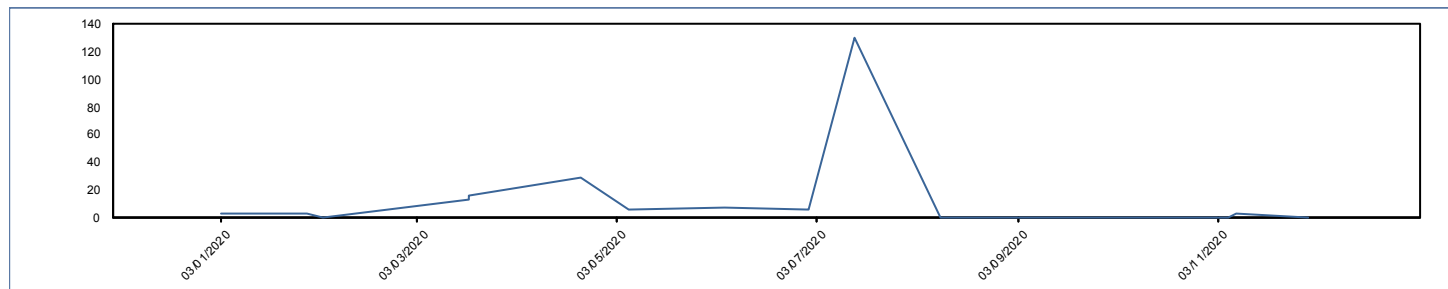
CHIR0073

Number of readings

18

Number of breaches

0



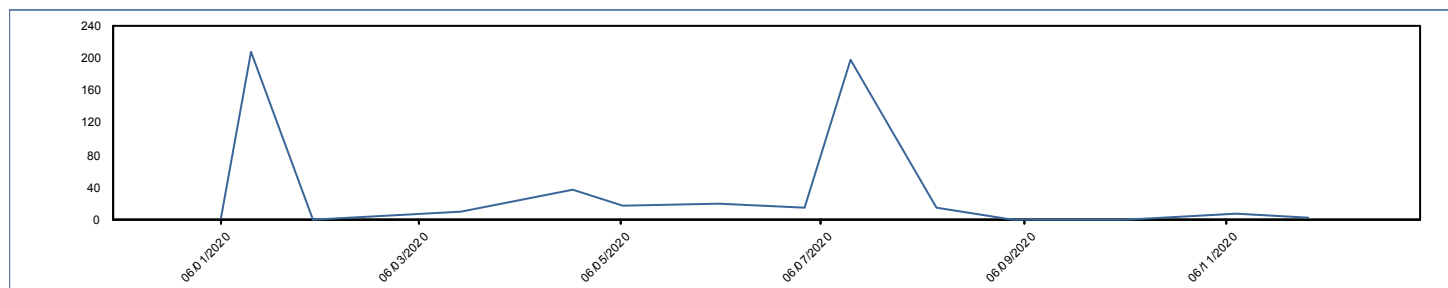
CHIR0074

Number of readings

15

Number of breaches

0



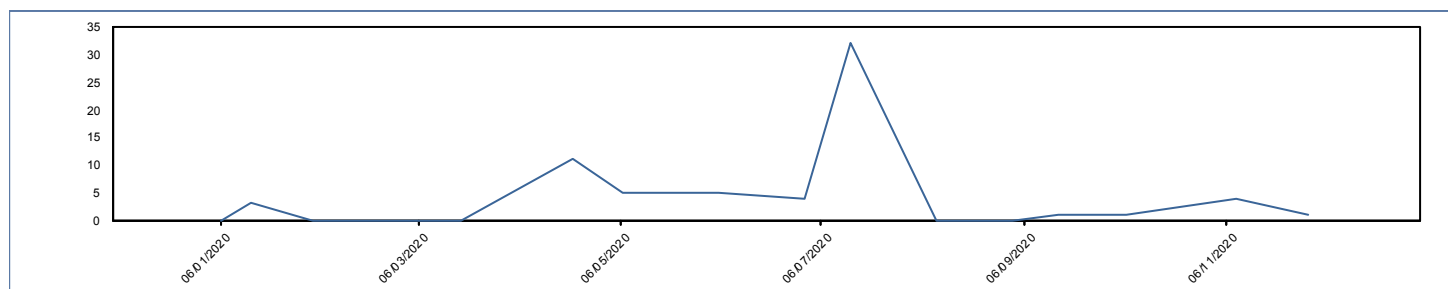
CHIR0079

Number of readings

15

Number of breaches

0



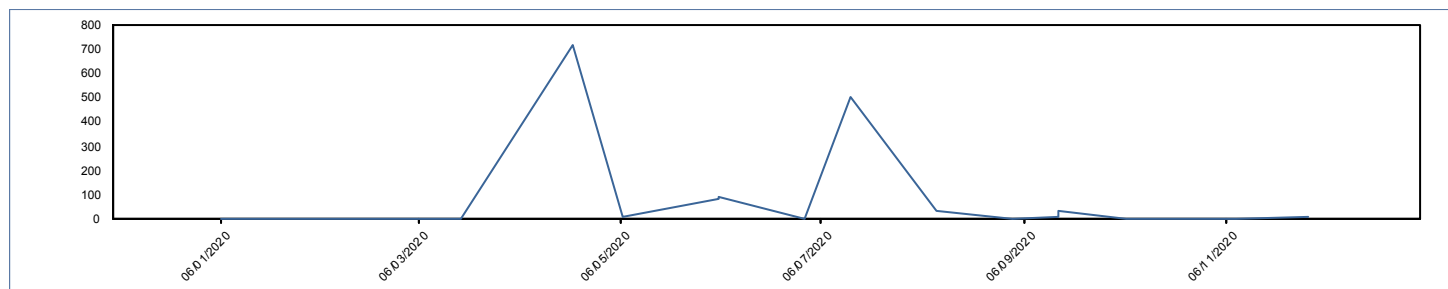
CHIR0080

Number of readings

23

Number of breaches

0



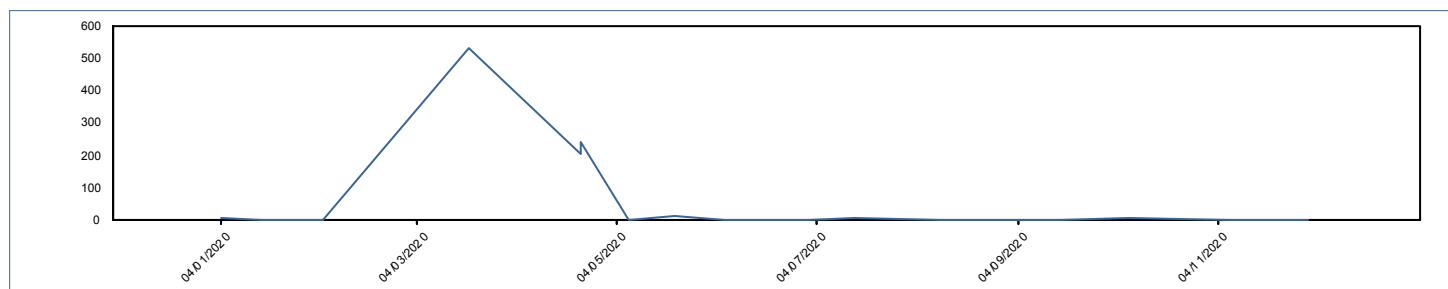
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

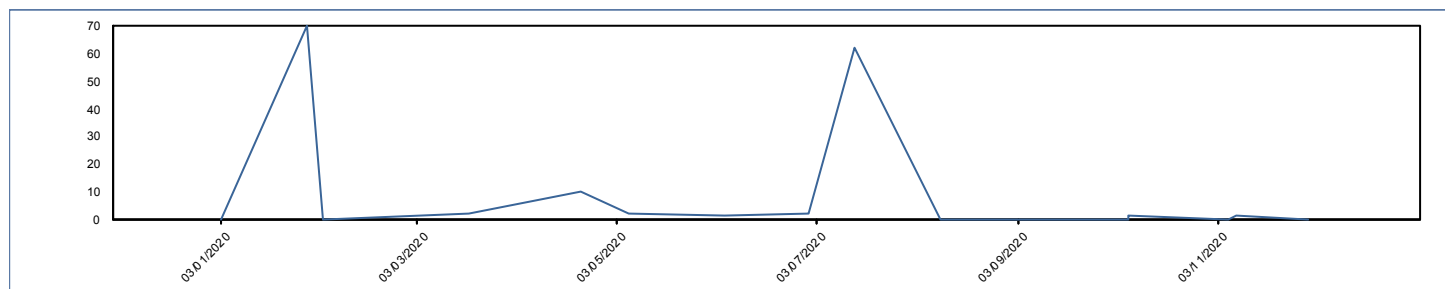
CHIR0091

Number of readings

17

Number of breaches

0



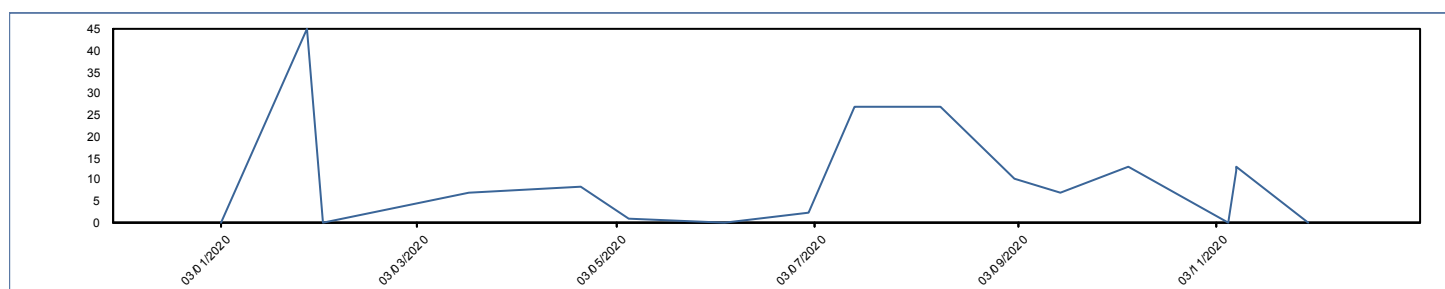
CHIR0093

Number of readings

17

Number of breaches

0



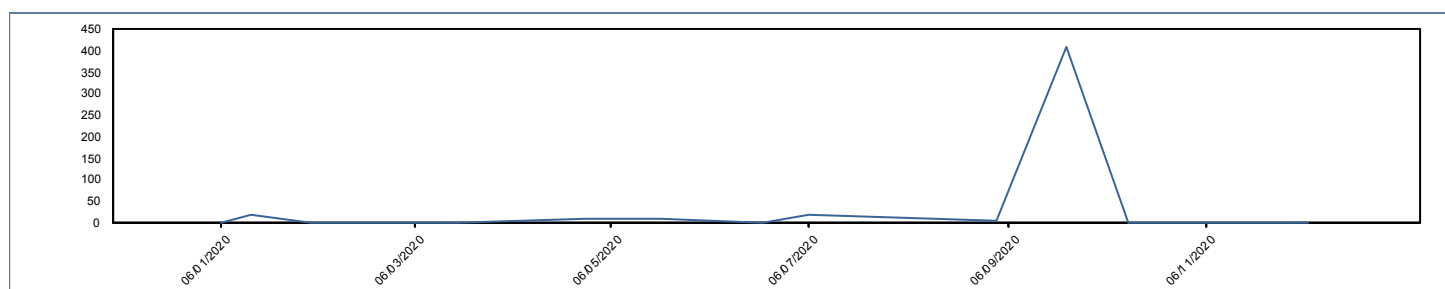
CHIR252R

Number of readings

14

Number of breaches

0



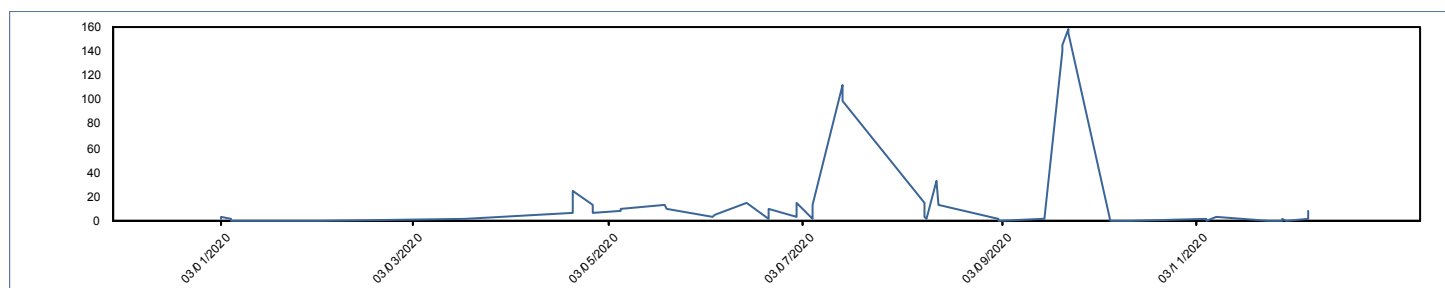
CHISITE1

Number of readings

57

Number of breaches

0



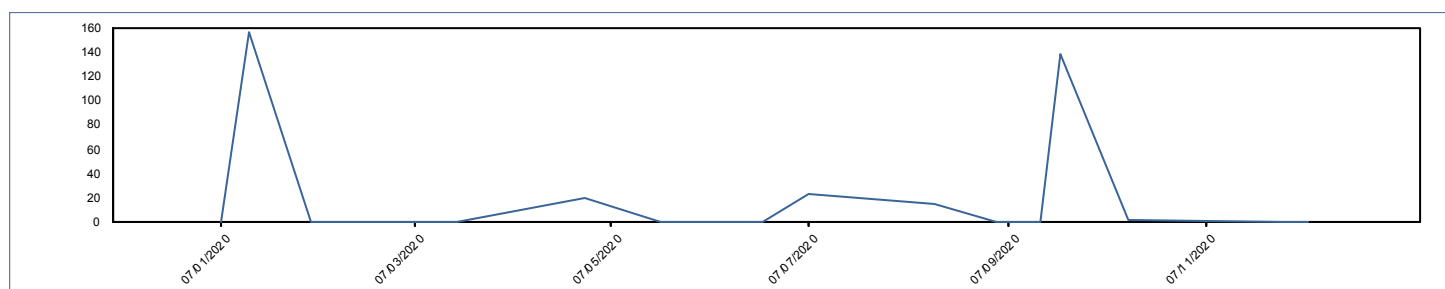
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

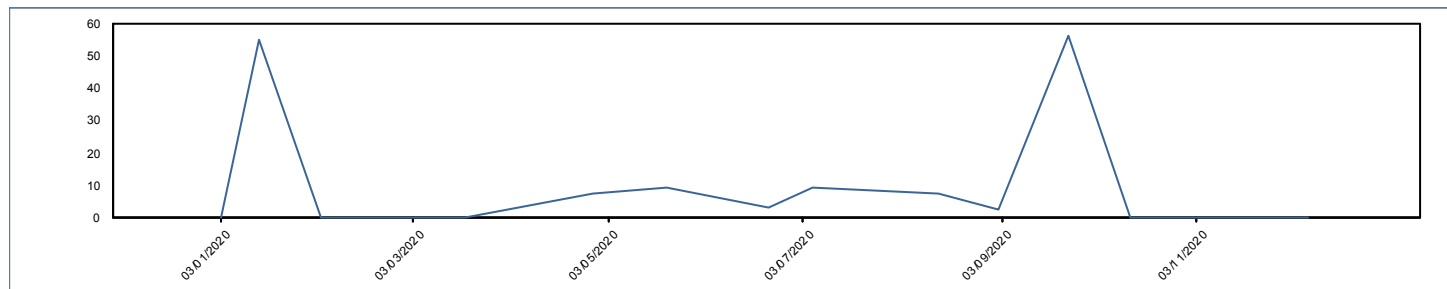
CHI0065

Number of readings

14

Number of breaches

0



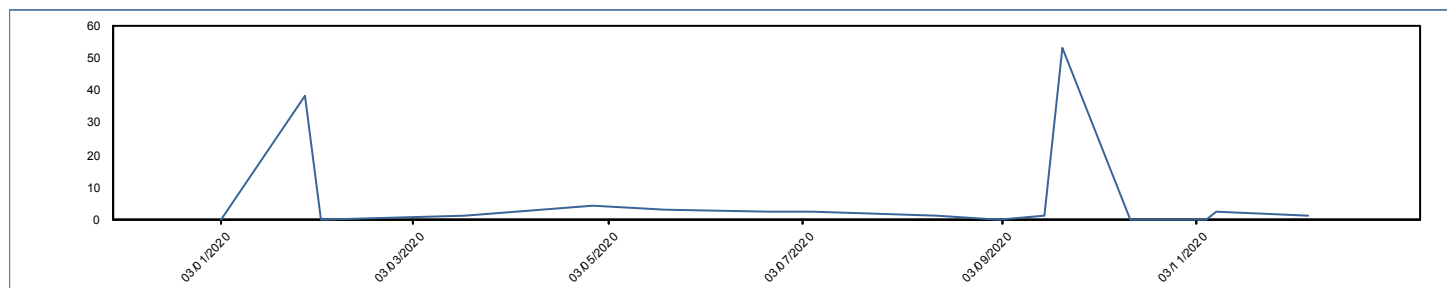
CHI0066

Number of readings

16

Number of breaches

0



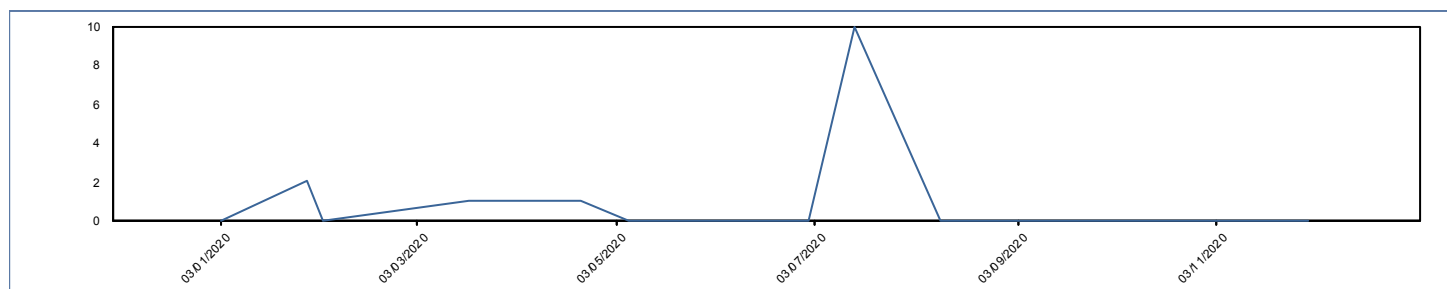
CHI0067

Number of readings

37

Number of breaches

0



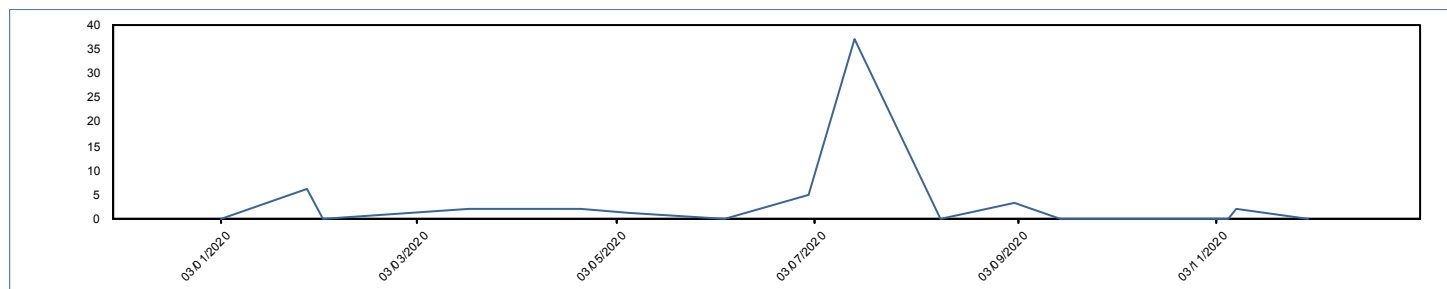
CHI0068

Number of readings

16

Number of breaches

0



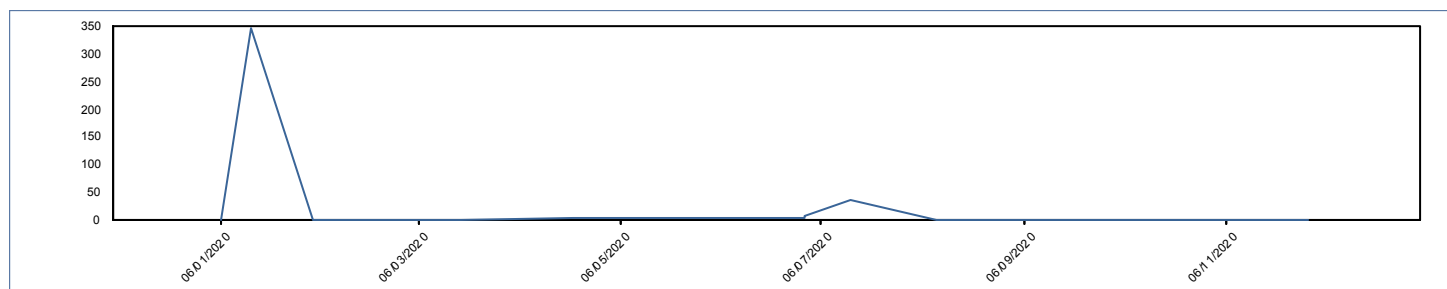
CHI0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

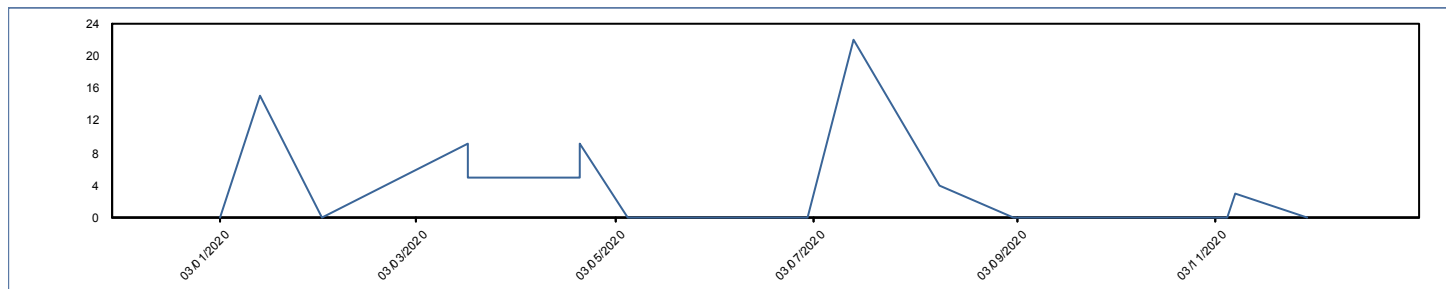
CHIW0082

Number of readings

19

Number of breaches

0



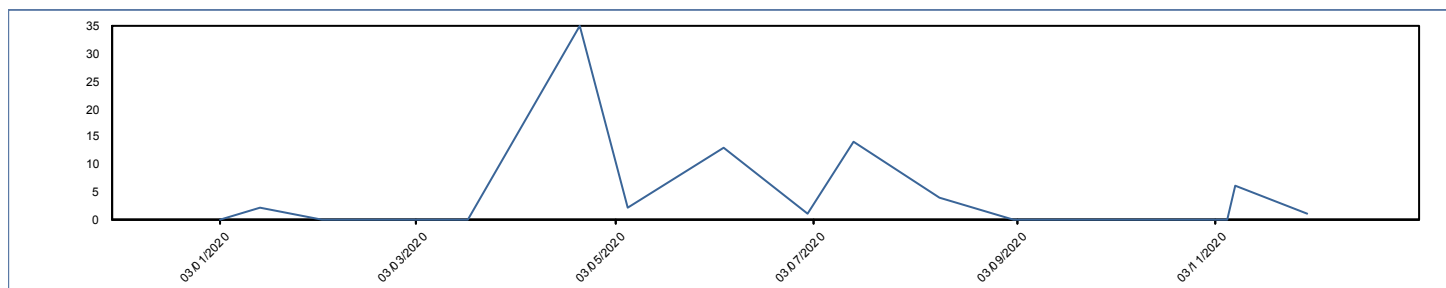
CHIW0083

Number of readings

16

Number of breaches

0



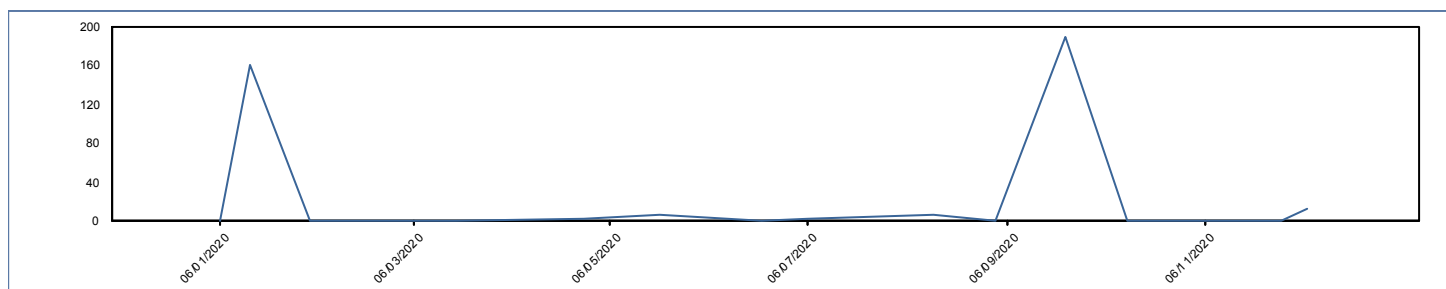
CHIW0084

Number of readings

14

Number of breaches

0



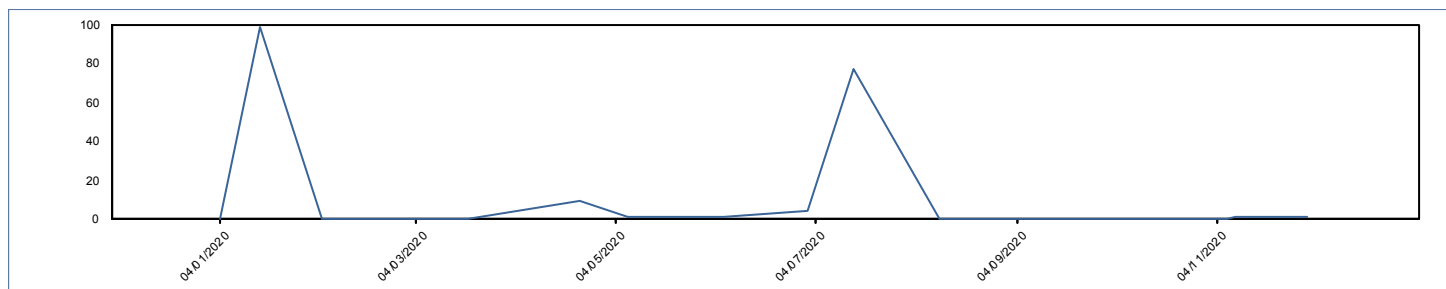
CHIW0089

Number of readings

16

Number of breaches

0



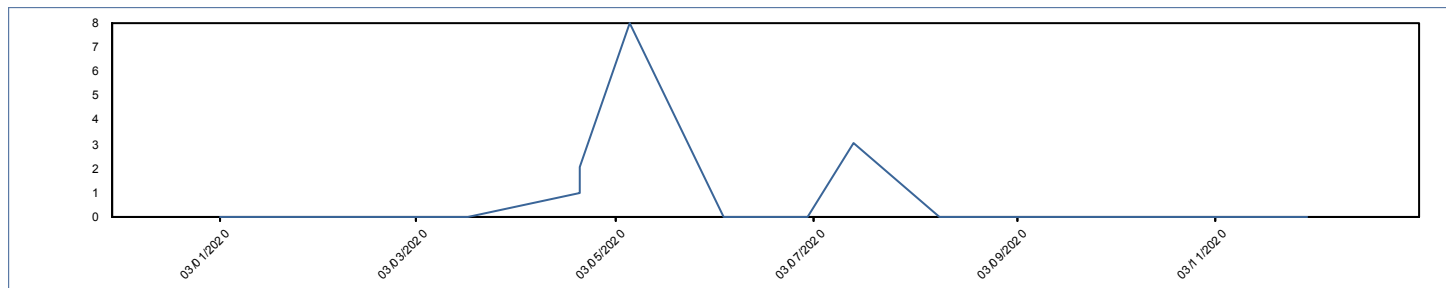
CHIW0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

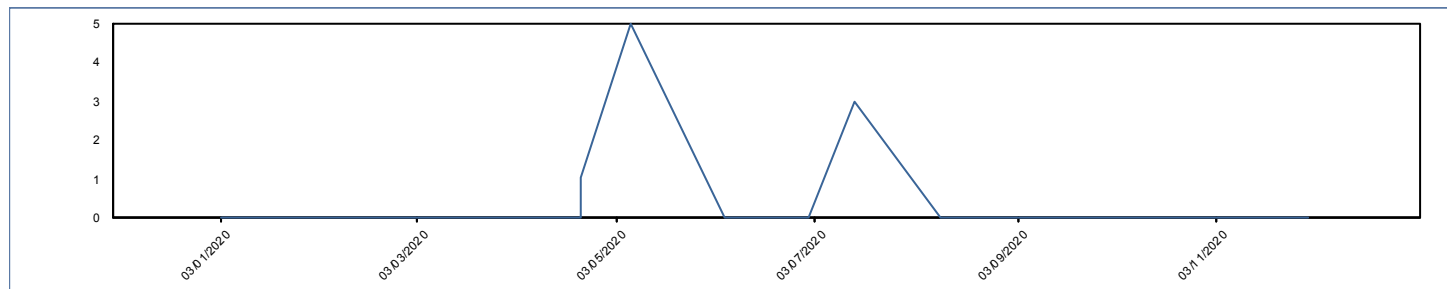
CHI0097

Number of readings

34

Number of breaches

0



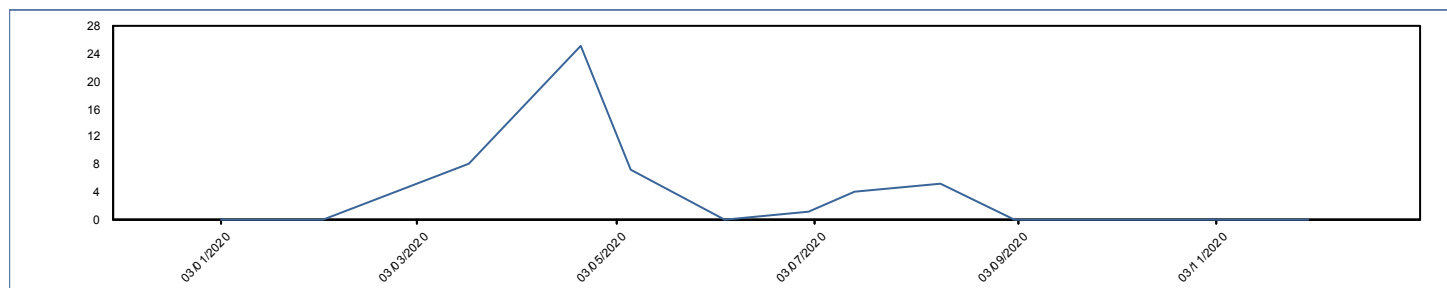
CHI0098

Number of readings

16

Number of breaches

0



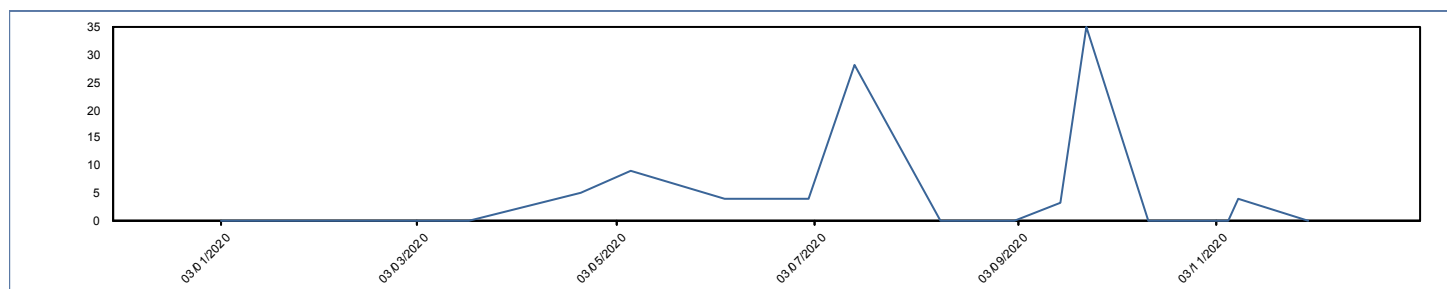
CHI0099

Number of readings

16

Number of breaches

0



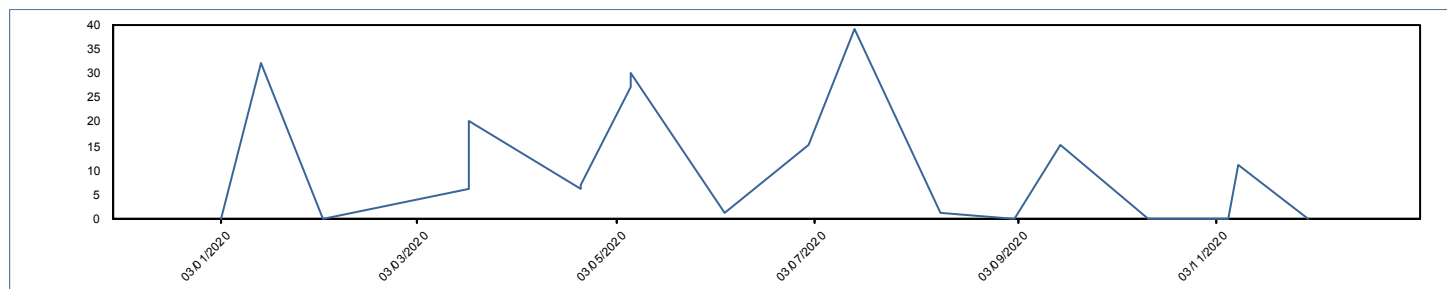
CHI0100

Number of readings

22

Number of breaches

0



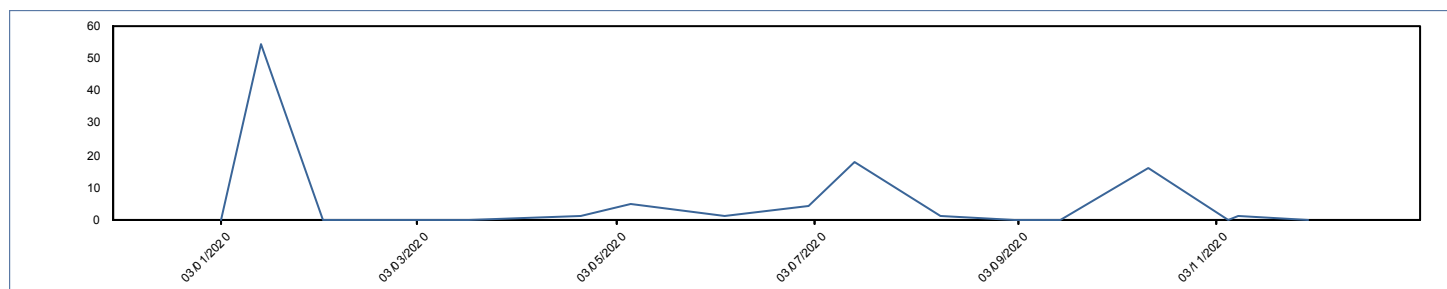
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

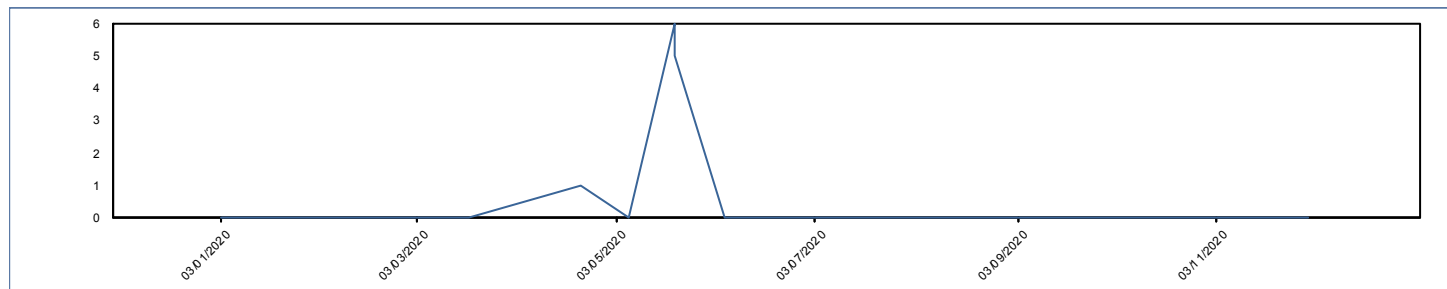
CHIWO102

Number of readings

39

Number of breaches

0



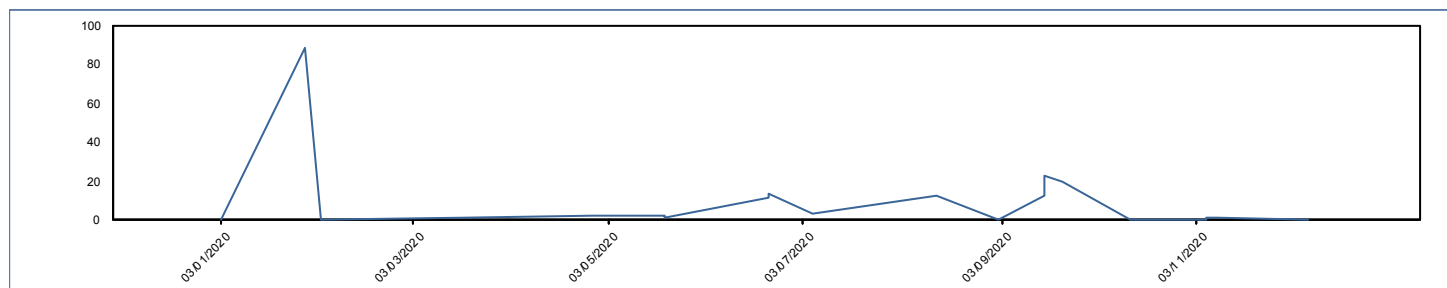
CHIWO103

Number of readings

24

Number of breaches

0



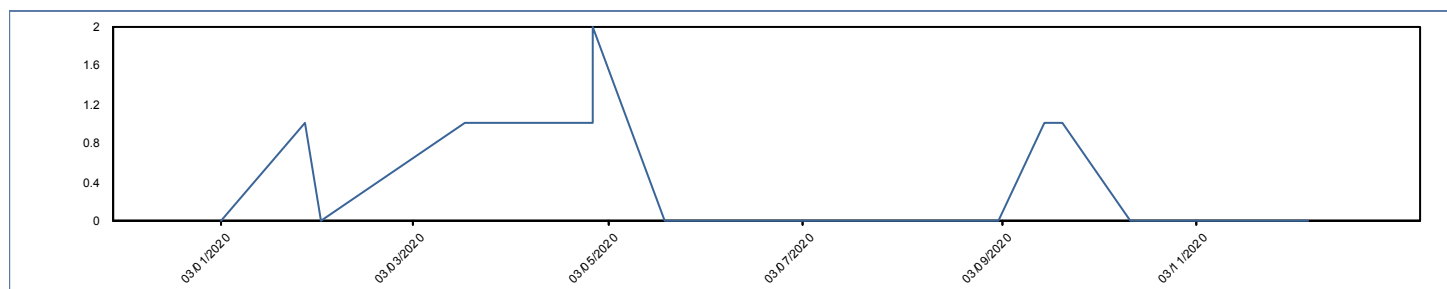
CHIWO104

Number of readings

30

Number of breaches

0



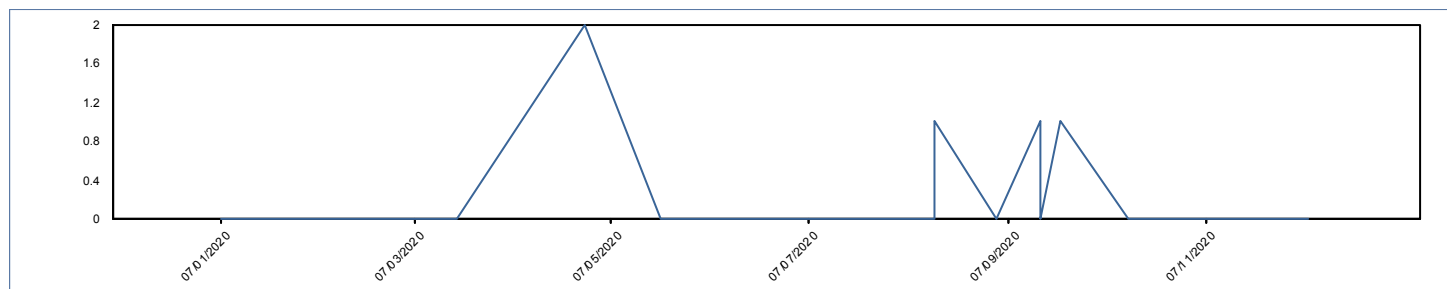
CHIWO105

Number of readings

24

Number of breaches

0



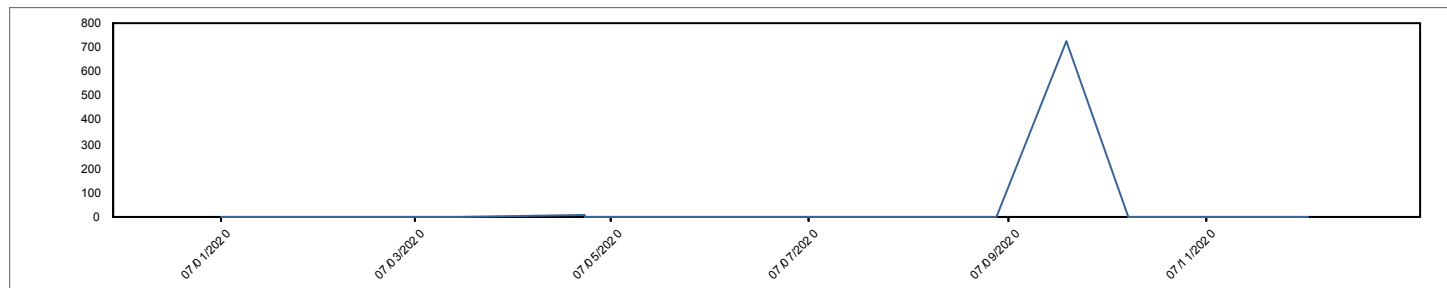
CHIWO106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

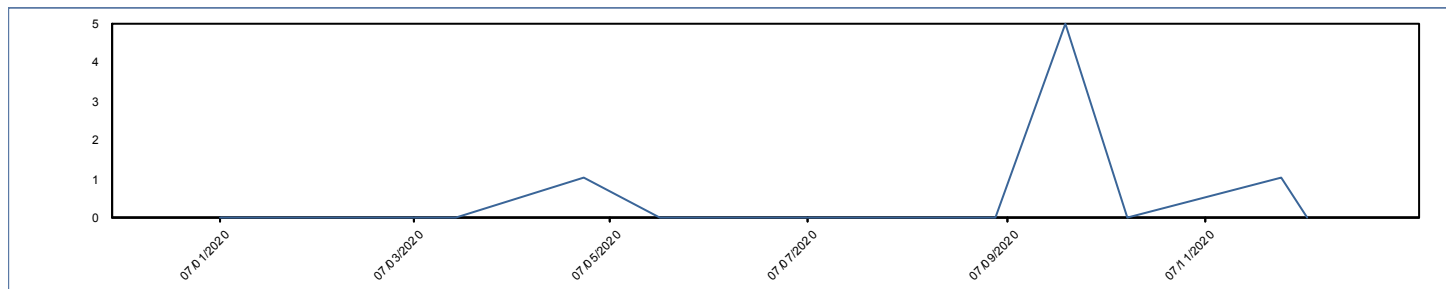
CHIWO107

Number of readings

25

Number of breaches

0



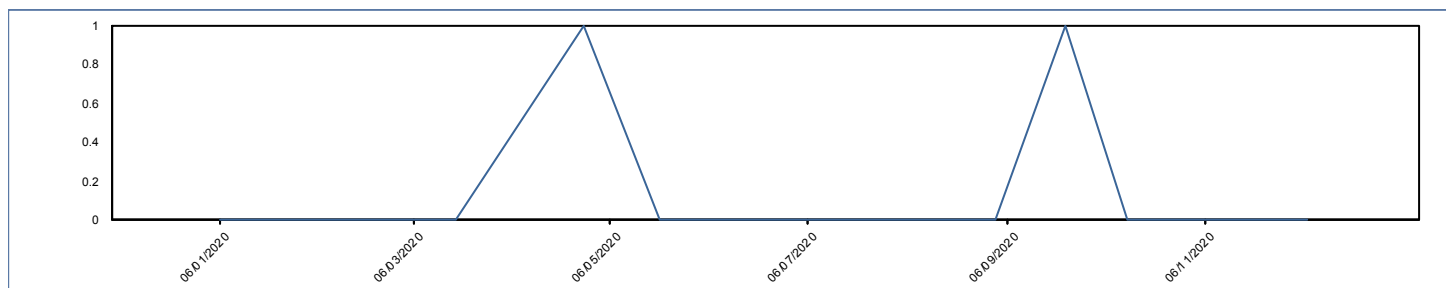
CHIWO108

Number of readings

25

Number of breaches

0



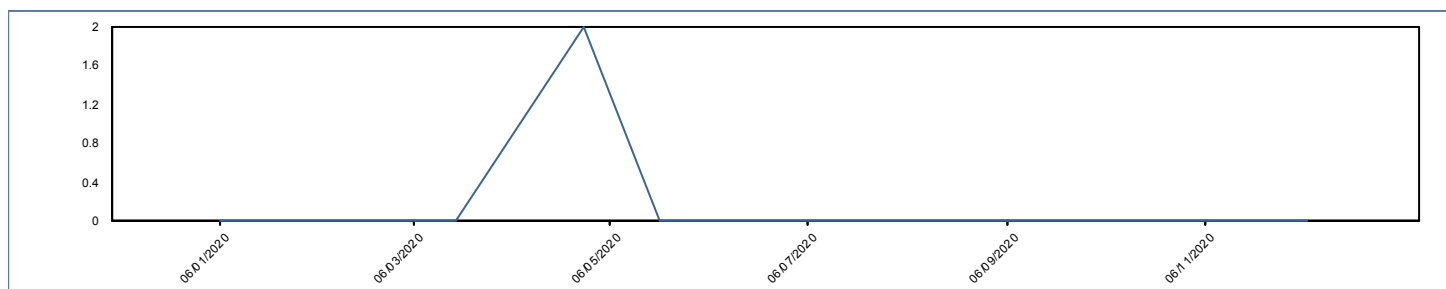
CHIWO109

Number of readings

25

Number of breaches

0



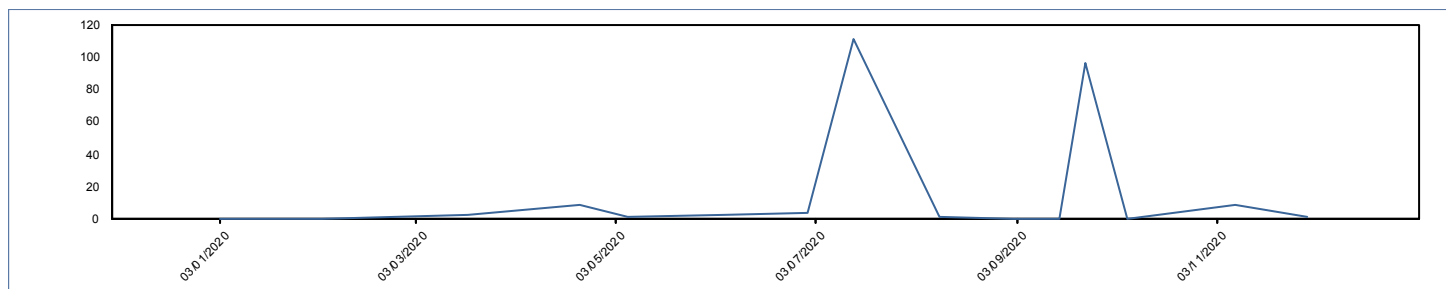
CHIWO110

Number of readings

15

Number of breaches

0



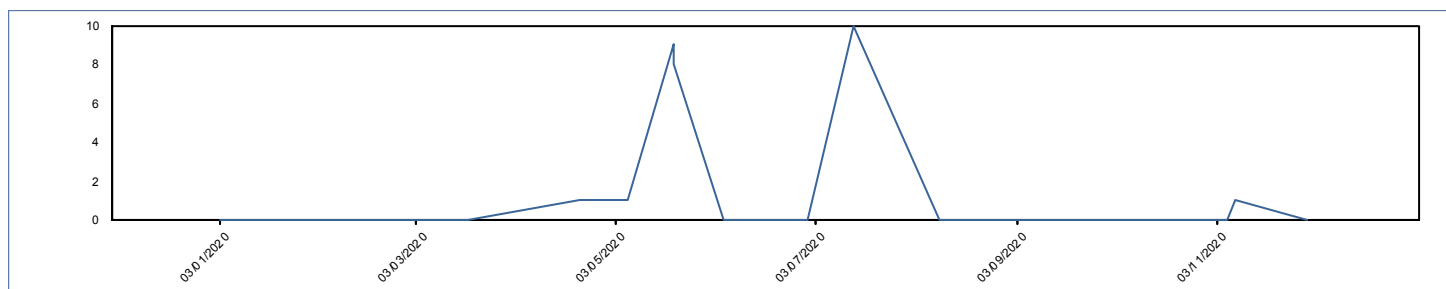
CHIWO111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

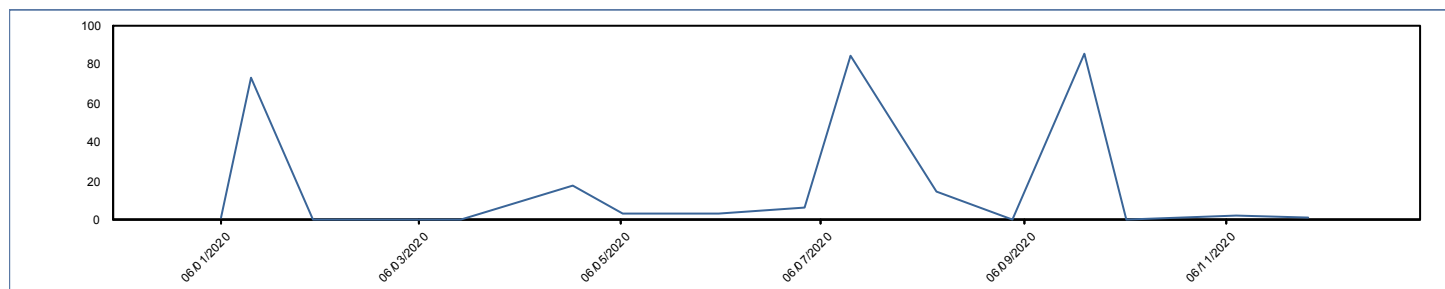
CHIWO112

Number of readings

15

Number of breaches

0



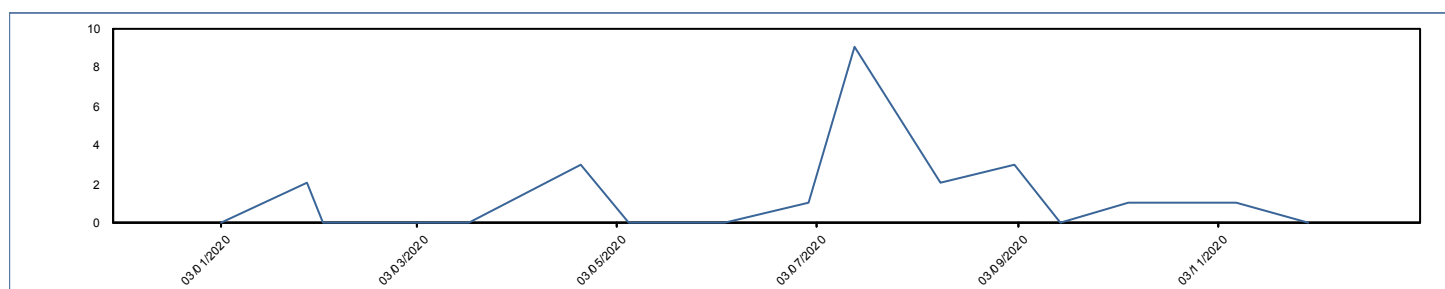
CHIWO113

Number of readings

20

Number of breaches

0



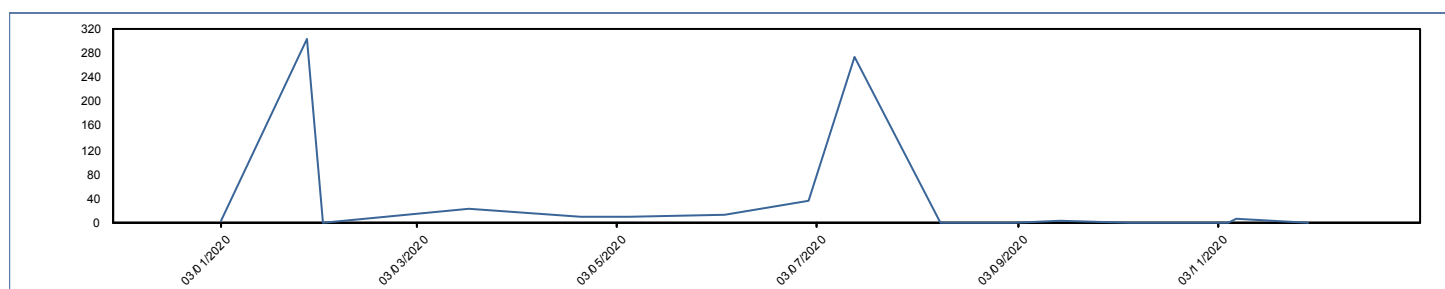
CHIWO115

Number of readings

16

Number of breaches

0



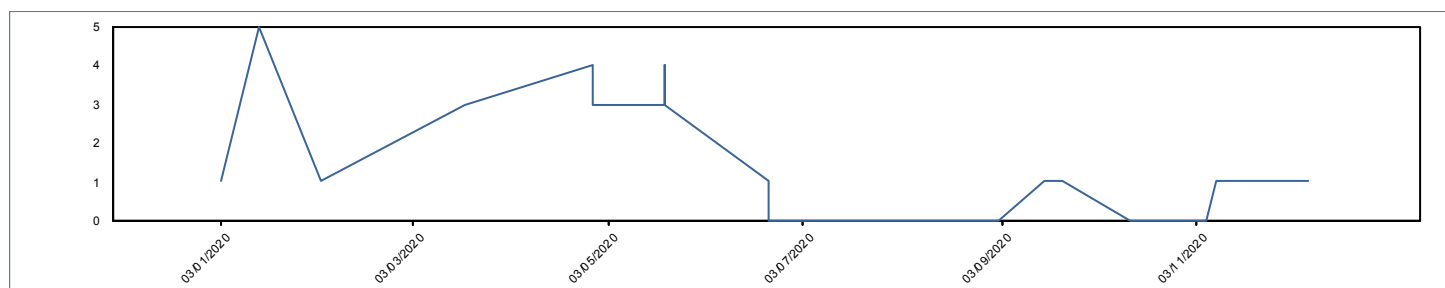
CHIWO116

Number of readings

26

Number of breaches

0



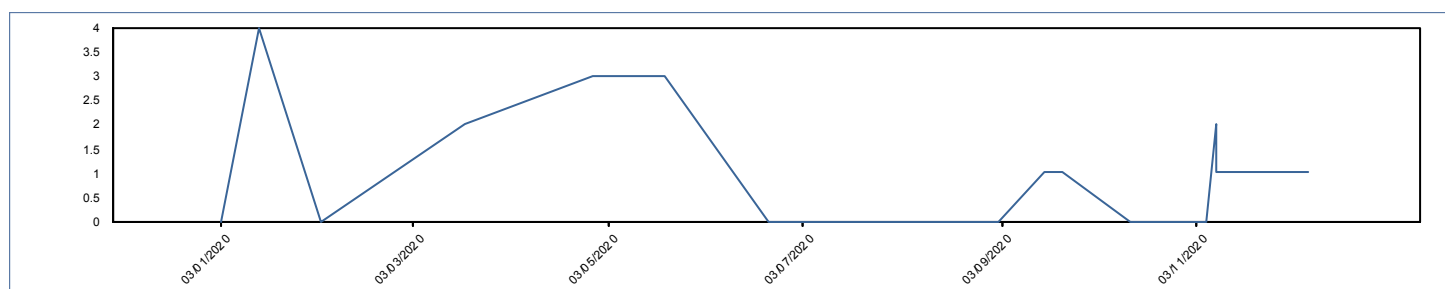
CHIWO117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

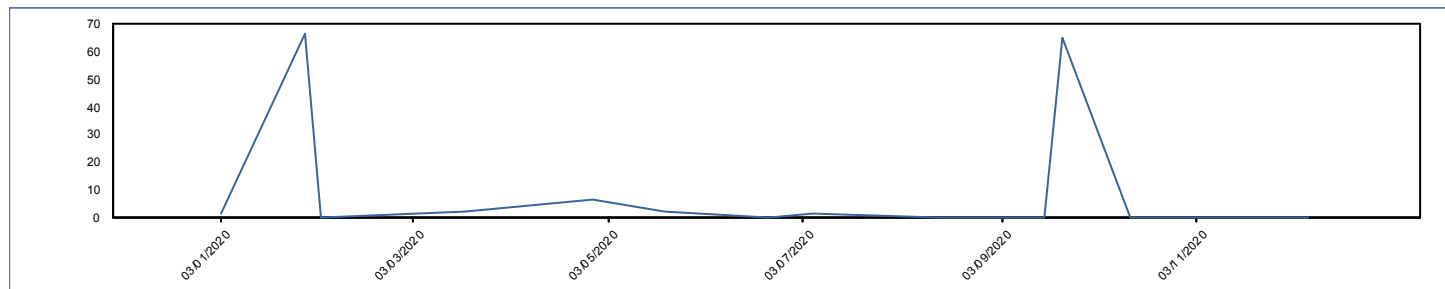
CHIWO118

Number of readings

16

Number of breaches

0



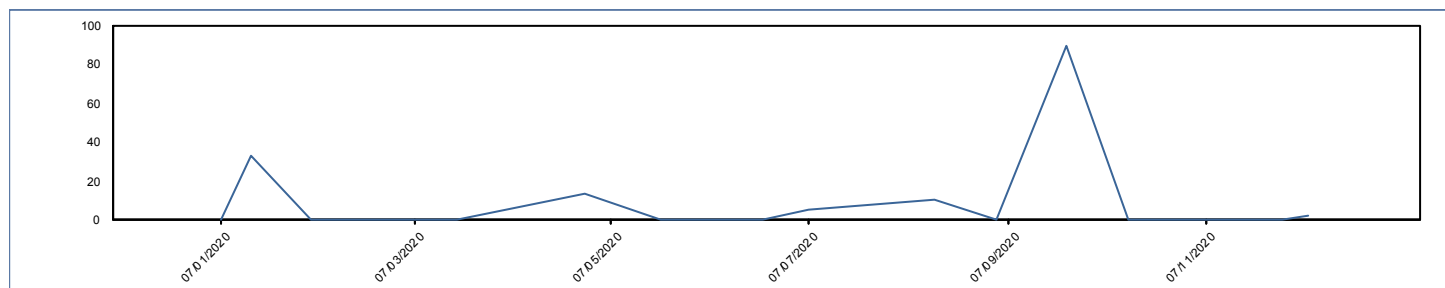
CHIWO120

Number of readings

14

Number of breaches

0



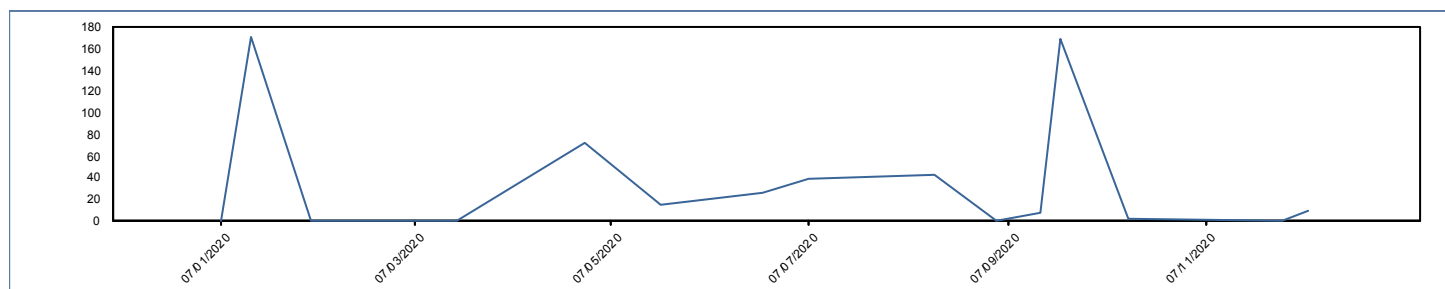
CHIWO121

Number of readings

15

Number of breaches

0



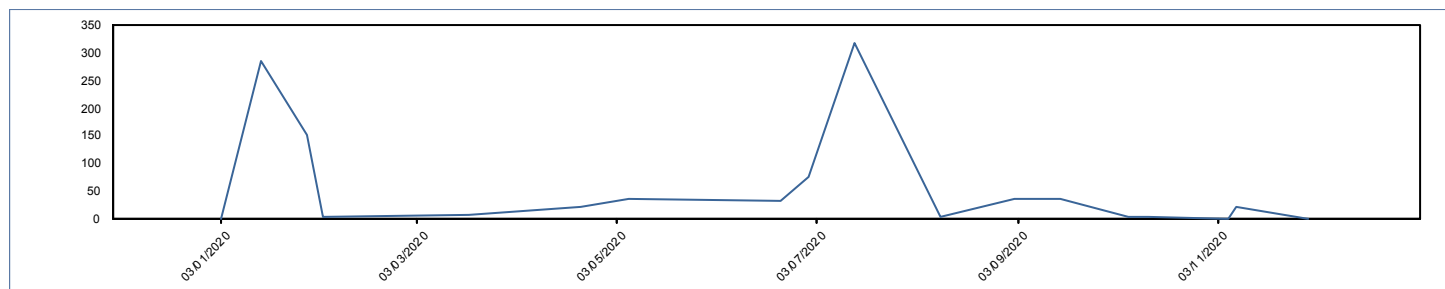
CHIWO123

Number of readings

18

Number of breaches

0



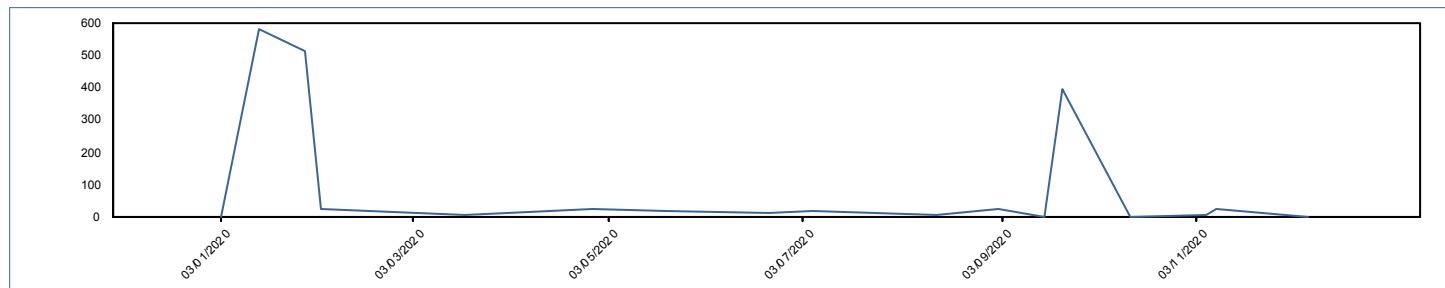
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

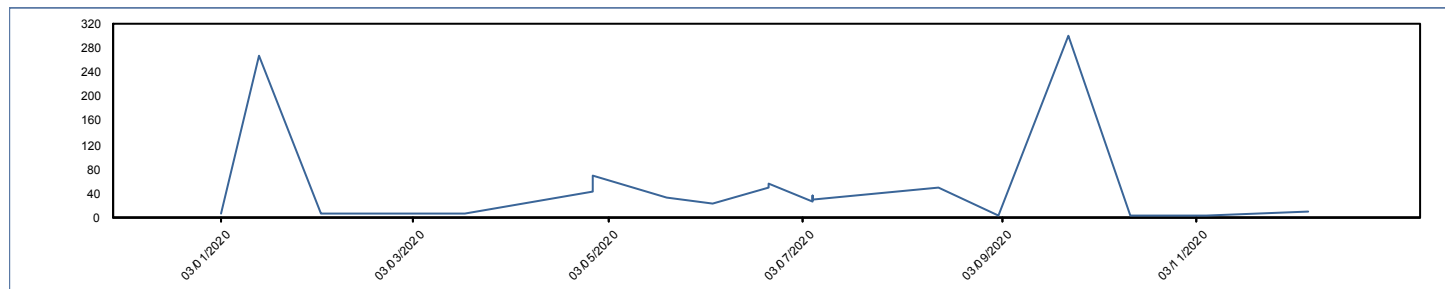
CHI0125

Number of readings

20

Number of breaches

0



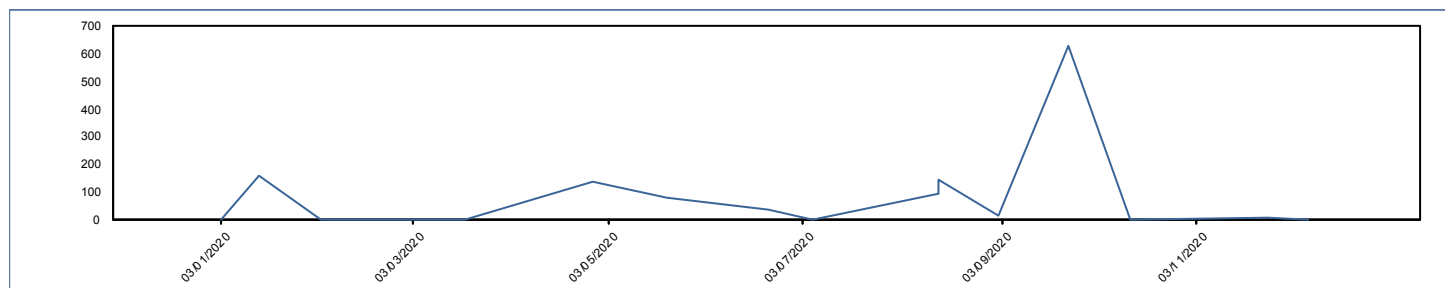
CHI0126

Number of readings

17

Number of breaches

0



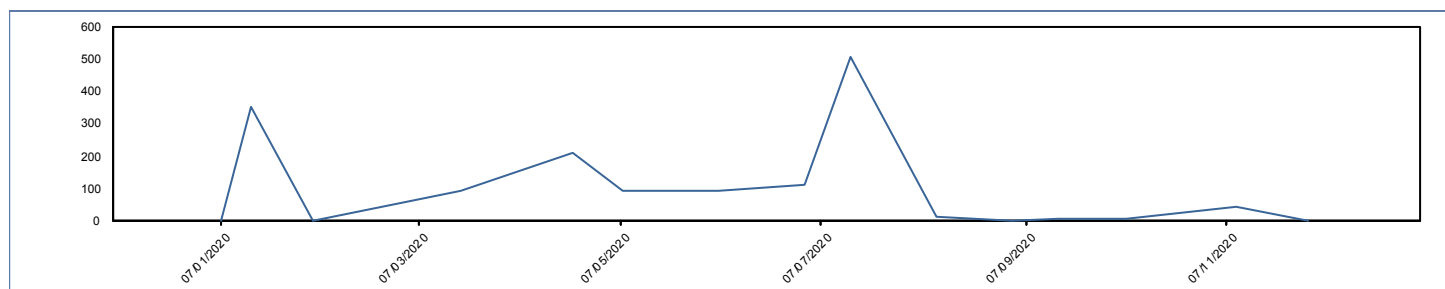
CHI0127

Number of readings

15

Number of breaches

0



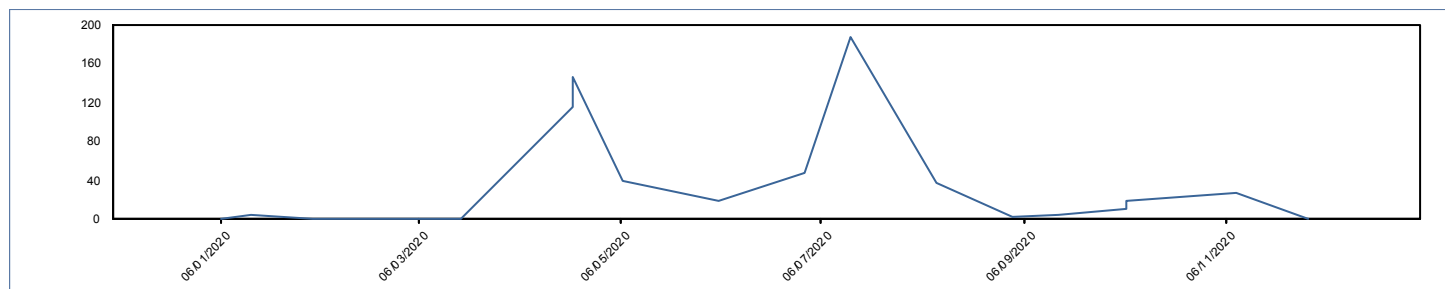
CHI0128

Number of readings

19

Number of breaches

0



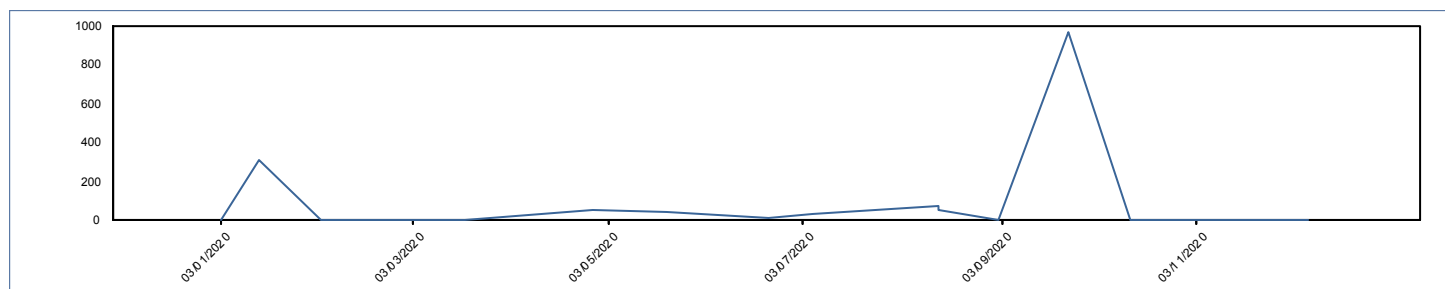
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

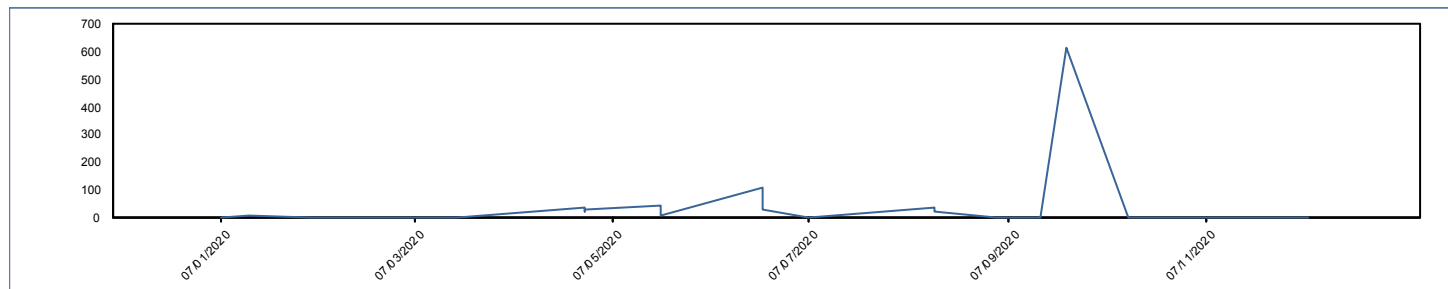
CHIW1602

Number of readings

25

Number of breaches

0



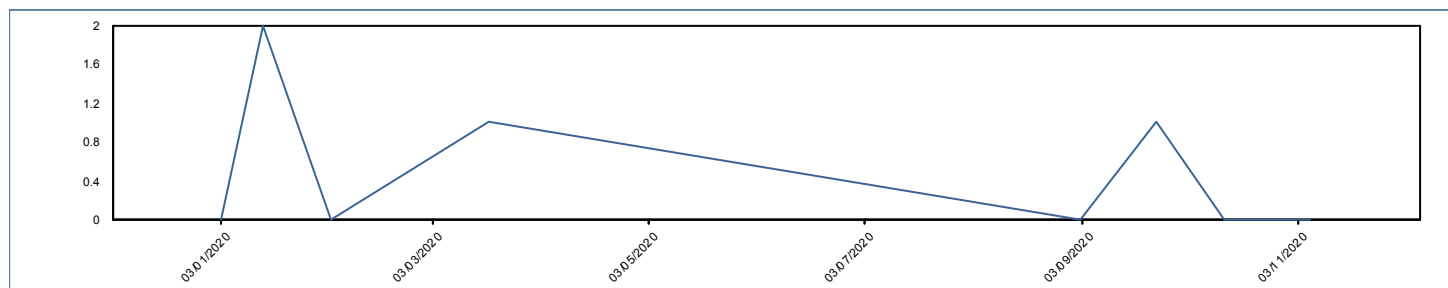
CHIW1603

Number of readings

8

Number of breaches

0



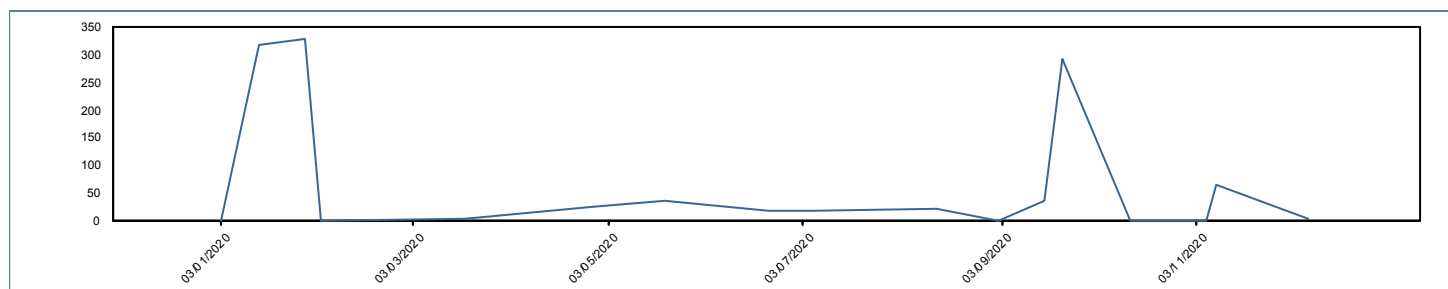
CHIW1604

Number of readings

17

Number of breaches

0



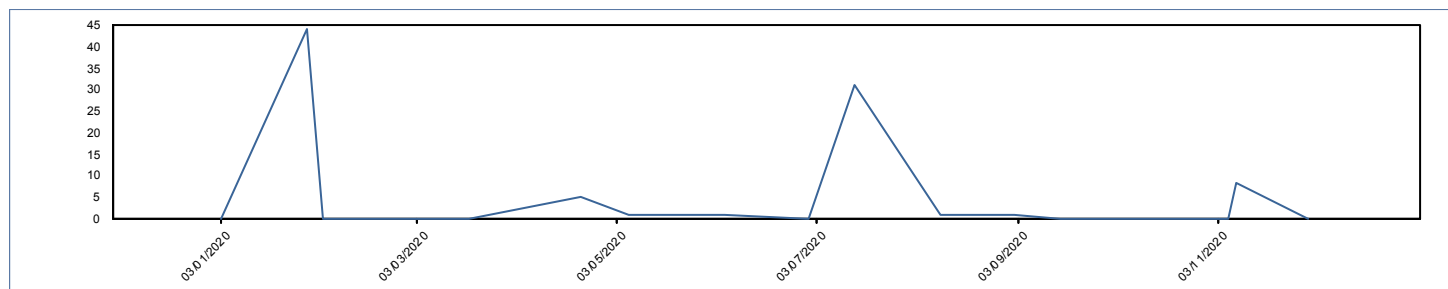
CHIW1605

Number of readings

16

Number of breaches

0



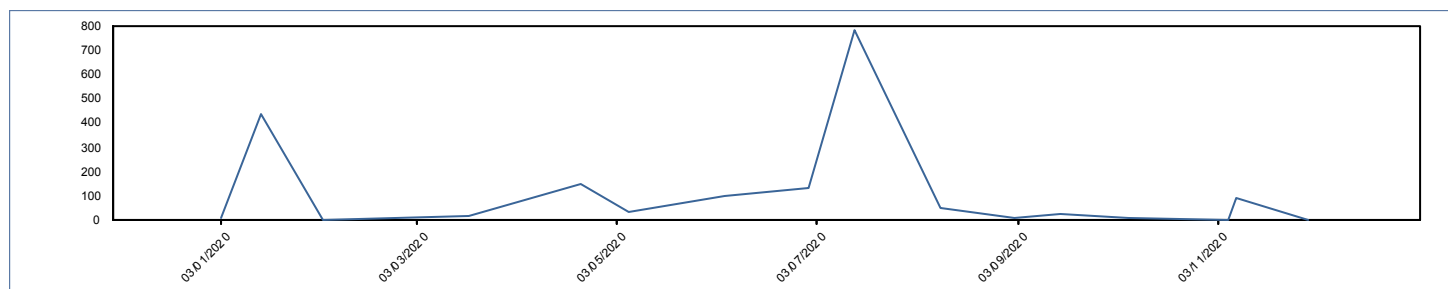
CHIW1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

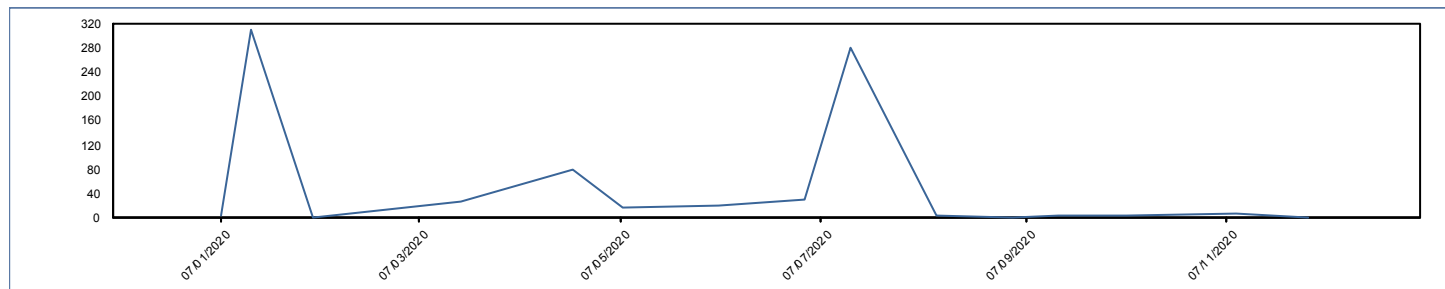
CHIW1608

Number of readings

15

Number of breaches

0



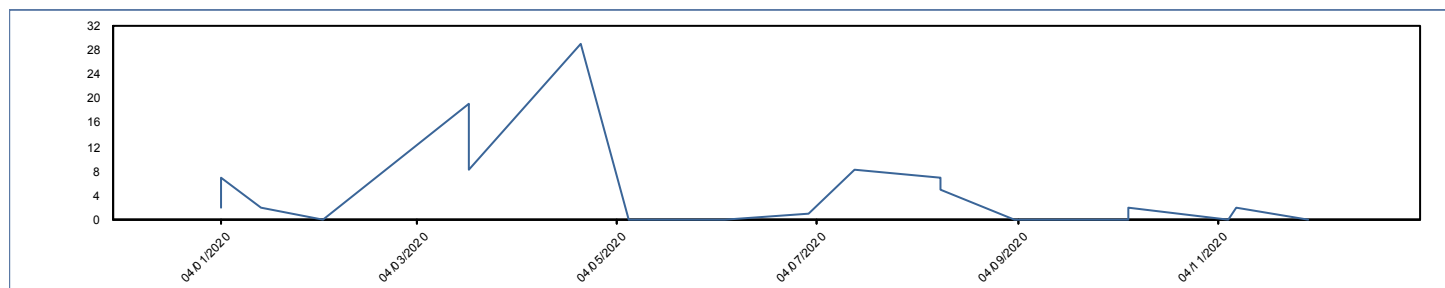
CHIW1609

Number of readings

20

Number of breaches

0



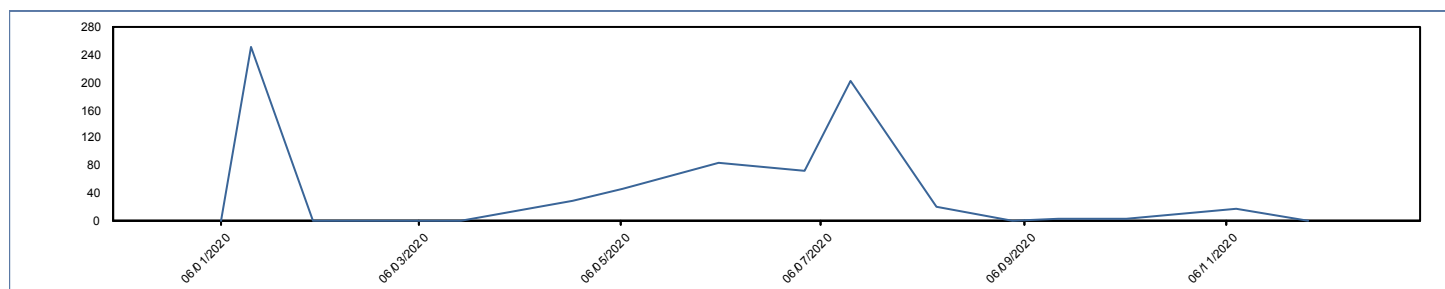
CHIW1610

Number of readings

15

Number of breaches

0



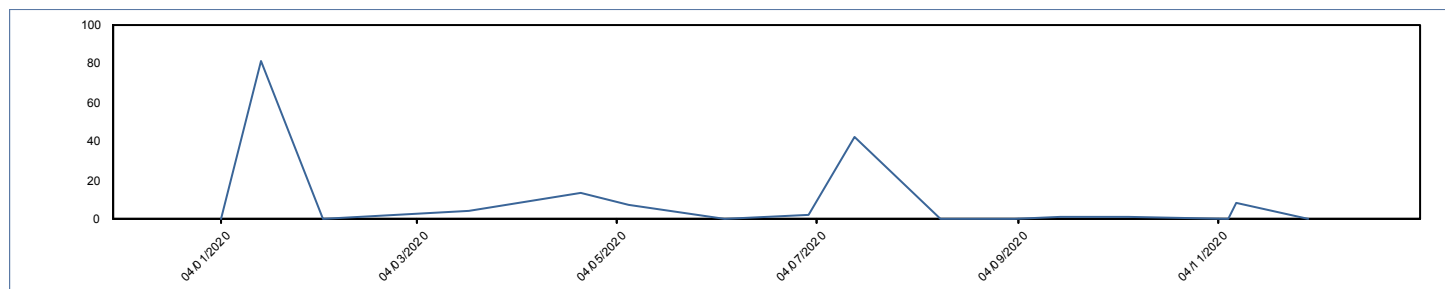
CHIW1611

Number of readings

16

Number of breaches

0



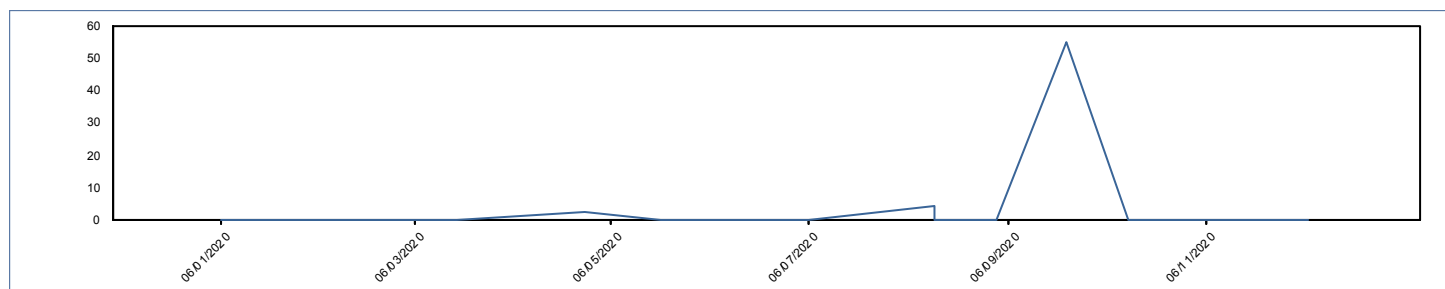
CHIW1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

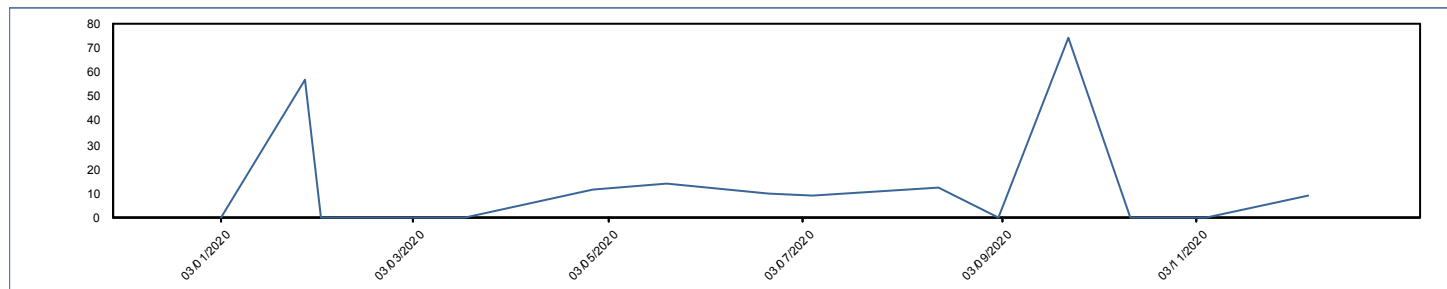
GW44

Number of readings

14

Number of breaches

0



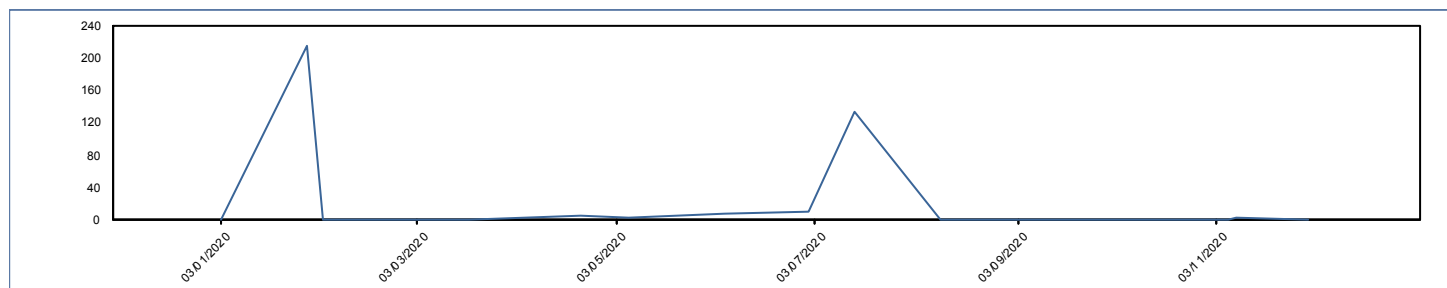
GW48

Number of readings

16

Number of breaches

0



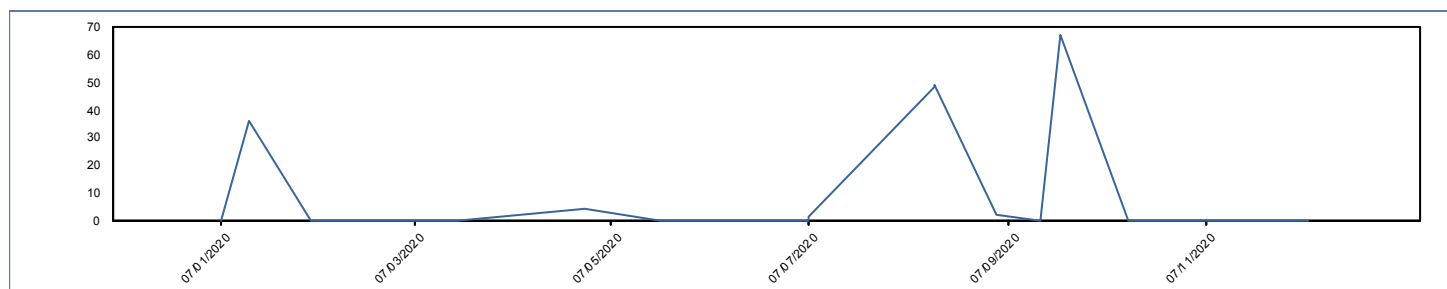
GW56

Number of readings

17

Number of breaches

0



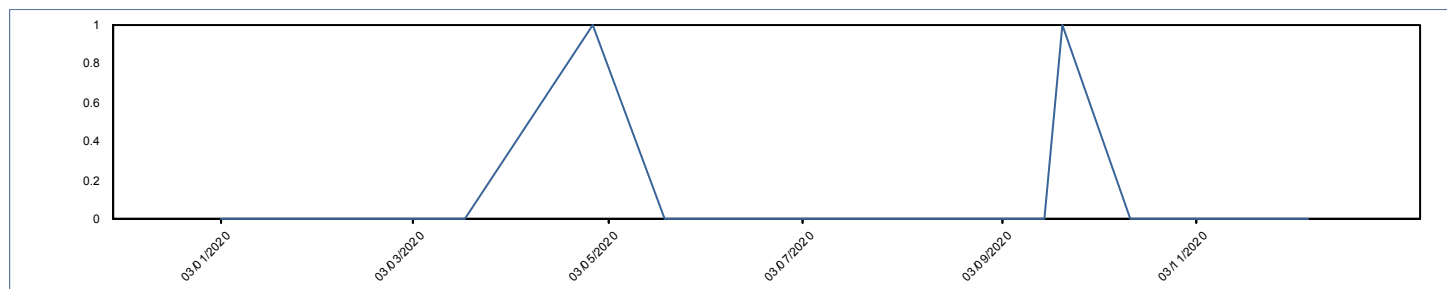
GW57

Number of readings

30

Number of breaches

0



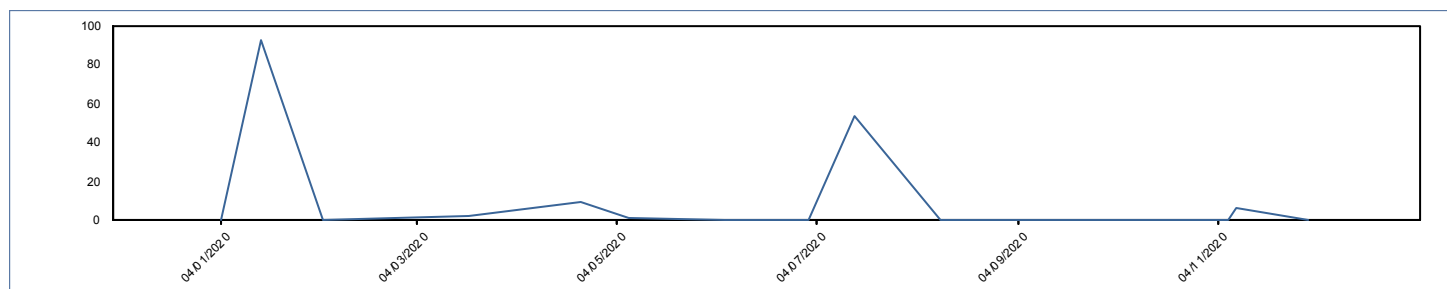
GW88

Number of readings

16

Number of breaches

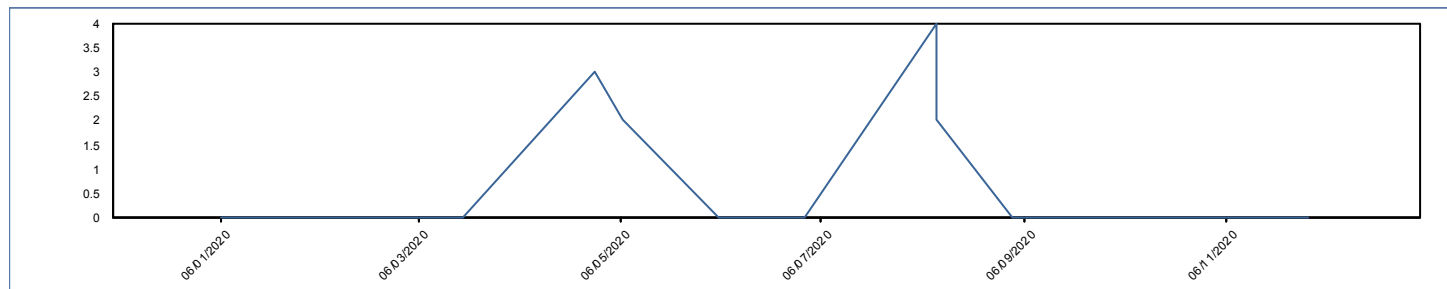
0



Data from: 1 Jan 2020 to: 31 Dec 2020

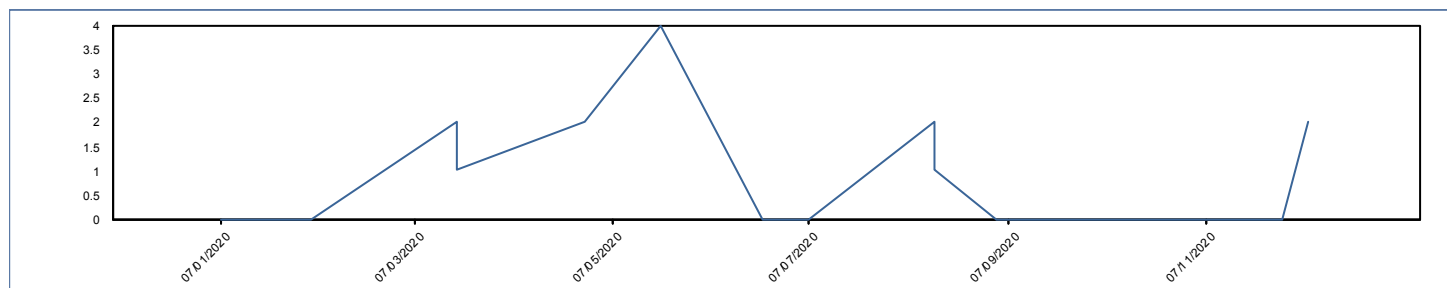
LC005A

Number of readings 29 Number of breaches 0



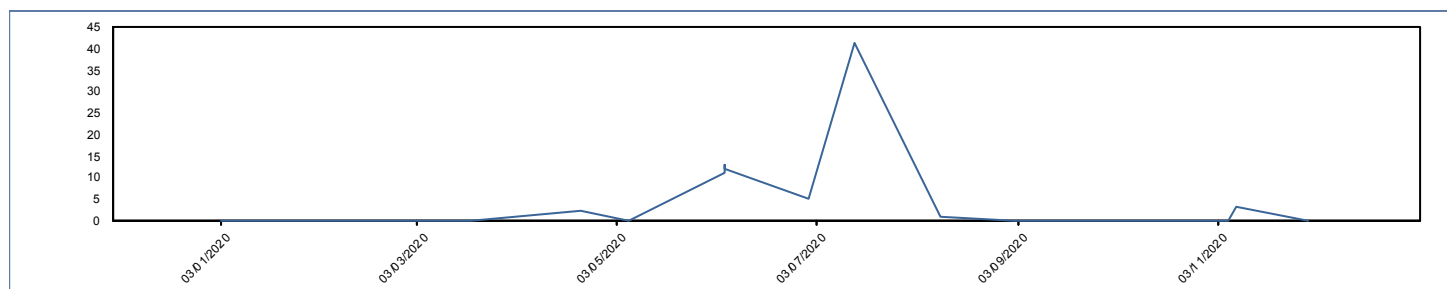
LC01B

Number of readings 24 Number of breaches 0



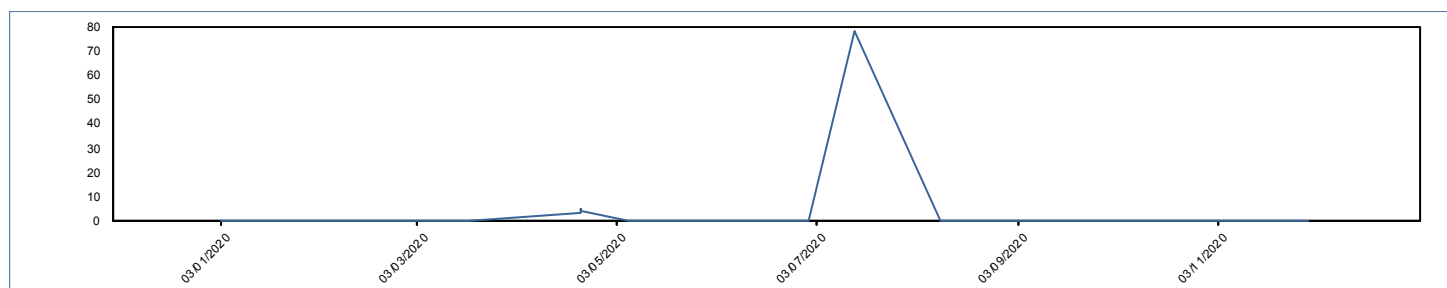
LM04B

Number of readings 28 Number of breaches 0



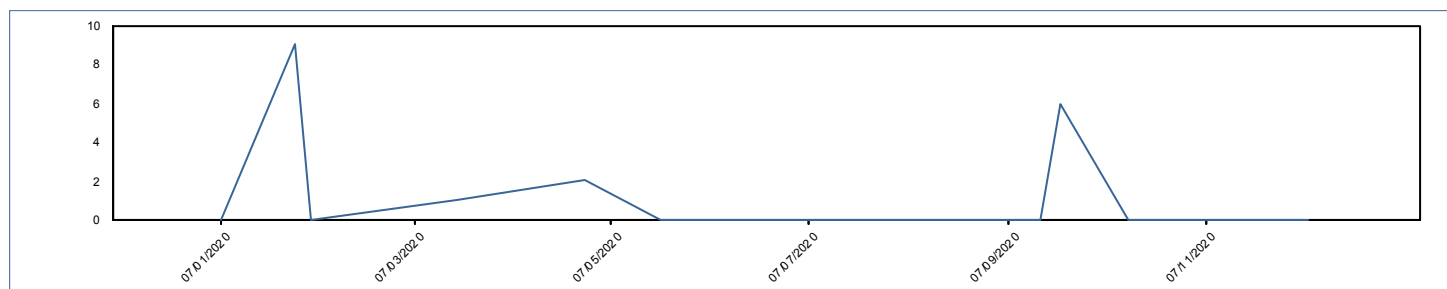
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

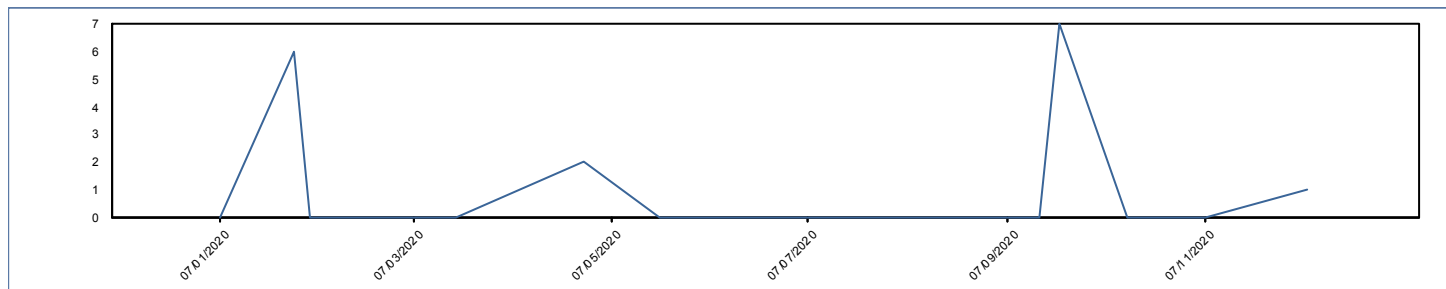
Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

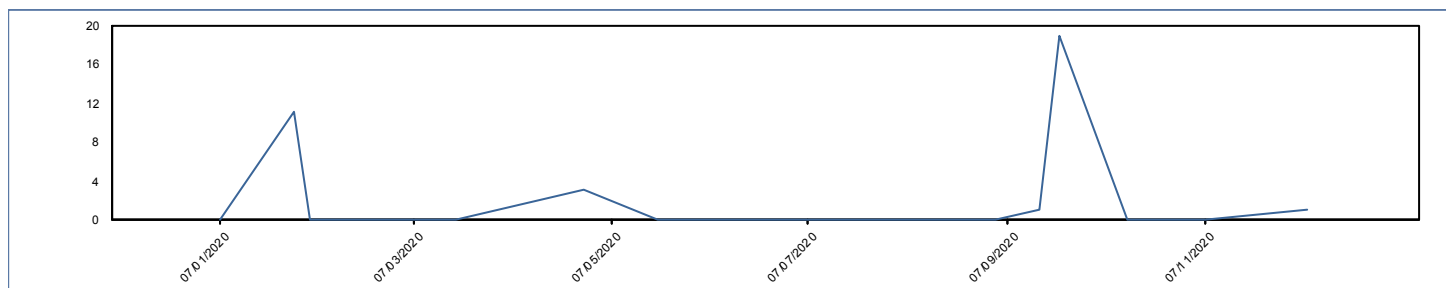
PBLFGXGW03

Number of readings 19 Number of breaches 0



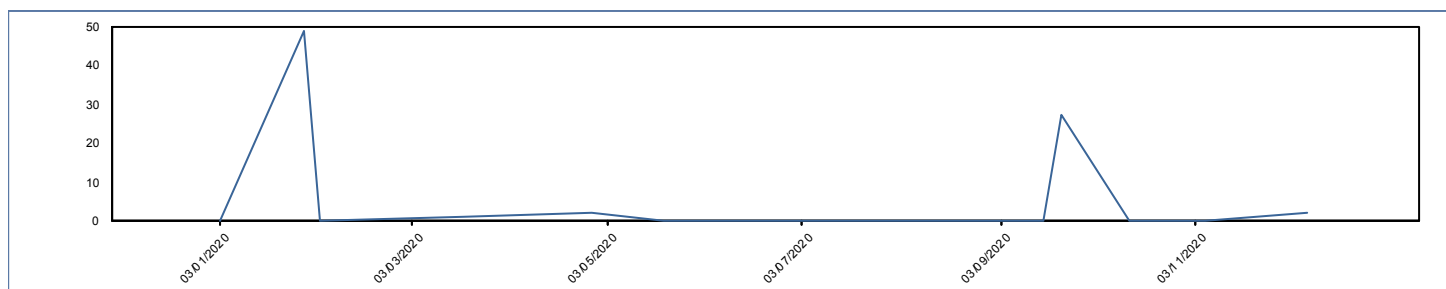
PBLFGXGW07

Number of readings 17 Number of breaches 0



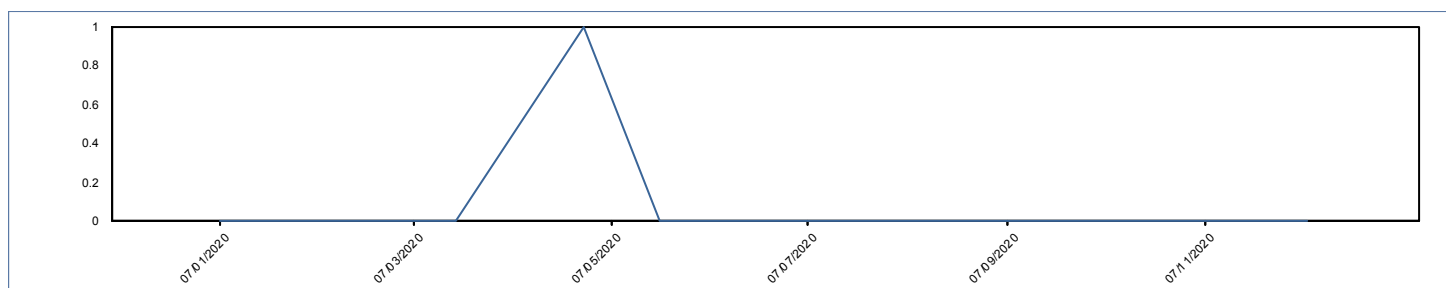
PBLFGXGW18

Number of readings 15 Number of breaches 0



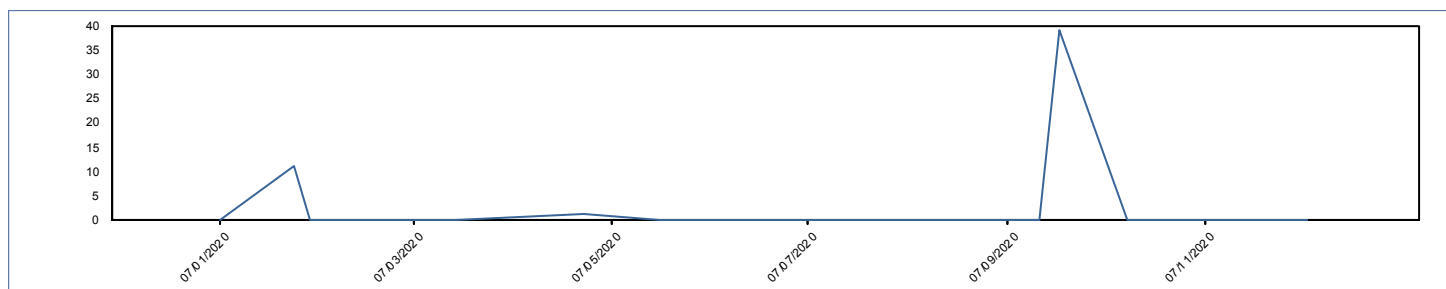
PBLFGXGW28

Number of readings 29 Number of breaches 0



PBLFGXGW29

Number of readings 28 Number of breaches 0



Monitoring data summary report



Data from: 1 Jan 2020 to: 31 Dec 2020

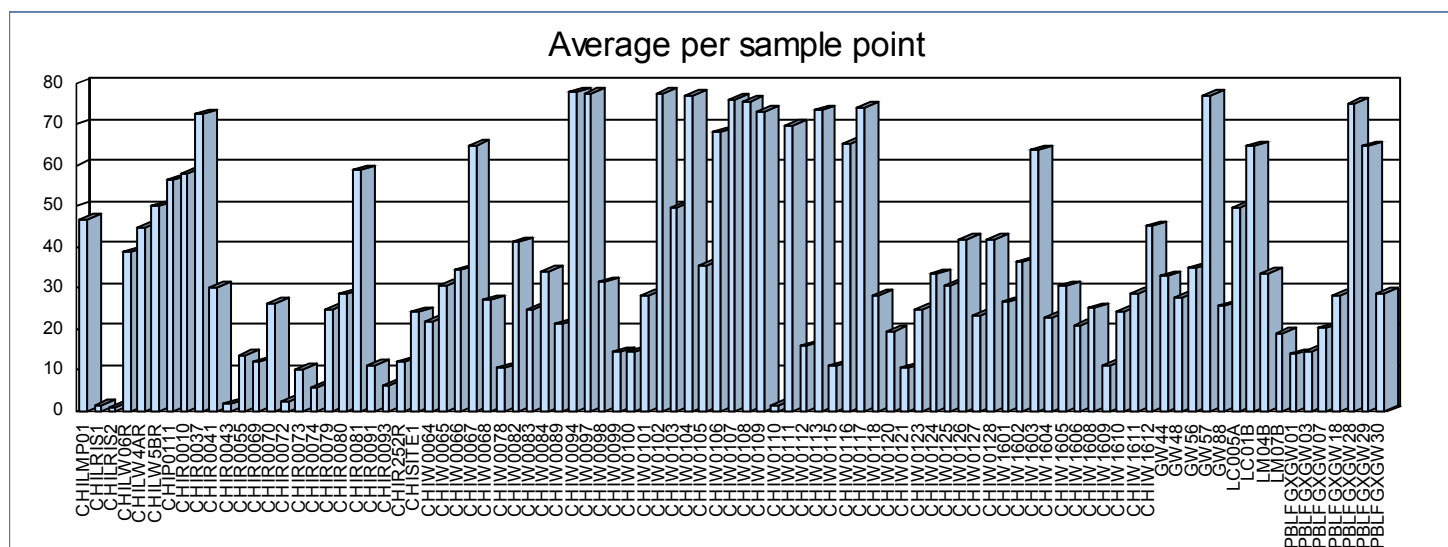
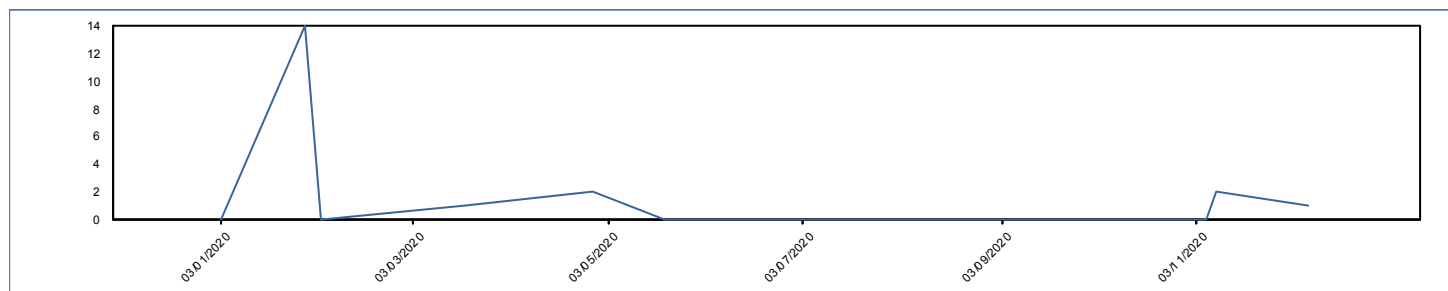
PBLFGXGW30

Number of readings

16

Number of breaches

0



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	12.80	77.40	46.86	656.10	19.11	365.31	77.40
CHILRIS1	1	0	1.40	1.40	1.40	1.40	0.00	0.00	1.40
CHILRIS2	5	0	0.00	5.10	1.16	5.80	1.99	3.95	5.10
CHILW06R	28	0	0.00	77.80	38.74	1,084.60	31.60	998.65	77.65
CHILW4AR	27	0	0.00	77.90	44.98	1,214.50	27.83	774.76	77.75
CHILW5BR	29	0	0.60	78.20	50.09	1,452.60	22.99	528.39	77.85
CHIP0111	30	0	5.80	76.00	56.40	1,692.10	20.60	424.27	75.80
CHIR0010	30	0	9.90	78.80	58.11	1,743.40	19.34	373.86	78.75
CHIR0037	31	0	57.60	78.20	72.45	2,245.80	6.13	37.53	78.10
CHIR0041	16	0	21.60	35.70	30.36	485.70	3.45	11.92	35.70
CHIR0043	15	0	0.00	15.60	1.74	26.10	3.95	15.63	15.60
CHIR0055	15	0	3.60	23.50	13.75	206.30	5.80	33.61	23.50
CHIR0069	15	0	5.20	20.60	12.10	181.50	4.39	19.30	20.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	22.30	32.90	26.33	394.90	3.25	10.54	32.90
CHIR0072	16	0	0.00	11.10	2.38	38.10	3.21	10.28	11.10
CHIR0073	18	0	0.00	46.90	10.33	185.90	15.17	230.23	46.90
CHIR0074	15	0	0.00	15.20	5.89	88.40	3.86	14.87	15.20
CHIR0079	15	0	11.50	30.70	24.94	374.10	5.40	29.16	30.70
CHIR0080	23	0	0.00	77.60	28.68	659.70	29.10	846.79	74.40
CHIR0081	35	0	13.20	80.70	58.87	2,060.30	21.61	466.88	80.30
CHIR0091	17	0	0.00	49.80	11.18	190.00	10.95	119.94	49.80
CHIR0093	17	0	0.00	20.80	6.52	110.90	7.67	58.79	20.80
CHIR252R	14	0	0.00	29.90	12.01	168.10	10.48	109.83	29.90
CHISITE1	57	0	14.40	35.50	24.10	1,373.70	4.58	20.94	33.05
CHIW0064	15	0	7.50	40.60	21.94	329.10	9.37	87.89	40.60
CHIW0065	14	0	17.60	39.90	30.90	432.60	4.59	21.04	39.90
CHIW0066	16	0	27.60	43.10	34.52	552.30	3.43	11.79	43.10
CHIW0067	37	0	46.80	79.20	64.78	2,396.90	7.44	55.41	77.10
CHIW0068	16	0	20.80	39.60	27.04	432.60	5.32	28.29	39.60
CHIW0078	20	0	0.00	41.30	10.49	209.80	13.89	193.01	38.70
CHIW0082	19	0	28.00	48.20	41.23	783.40	5.80	33.67	48.20
CHIW0083	16	0	6.50	40.30	24.88	398.10	8.68	75.36	40.30
CHIW0084	14	0	16.40	55.50	34.11	477.60	11.51	132.40	55.50
CHIW0089	16	0	16.20	31.50	21.21	339.30	3.56	12.65	31.50
CHIW0094	34	0	73.00	79.40	77.75	2,643.40	1.15	1.31	79.35
CHIW0097	34	0	57.40	79.70	77.52	2,635.70	3.65	13.34	79.70
CHIW0098	16	0	0.30	61.00	31.59	505.50	15.43	238.21	61.00
CHIW0099	16	0	0.50	32.20	14.42	230.70	8.02	64.24	32.20
CHIW0100	22	0	0.00	43.20	14.39	316.60	13.88	192.61	42.35
CHIW0101	16	0	16.60	47.00	28.39	454.20	8.96	80.24	47.00
CHIW0102	39	0	75.20	79.40	77.74	3,031.90	1.01	1.01	79.10
CHIW0103	24	0	19.20	77.50	49.78	1,194.70	17.64	311.21	77.45

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	74.30	78.80	77.09	2,312.70	0.98	0.97	78.50
CHIW0105	24	0	0.00	63.60	35.52	852.50	23.43	548.85	61.35
CHIW0106	26	0	45.70	79.70	68.04	1,769.00	12.26	150.23	79.35
CHIW0107	25	0	58.10	77.80	76.02	1,900.40	3.76	14.12	77.75
CHIW0108	25	0	54.80	81.70	75.64	1,891.00	5.51	30.31	80.10
CHIW0109	25	0	43.80	79.20	73.19	1,829.70	8.86	78.56	79.15
CHIW0110	15	0	0.00	7.20	1.45	21.70	2.22	4.92	7.20
CHIW0111	28	0	40.40	76.30	69.80	1,954.30	8.03	64.53	76.15
CHIW0112	15	0	0.90	30.90	15.85	237.80	6.73	45.25	30.90
CHIW0113	20	0	70.70	76.80	73.53	1,470.60	2.11	4.45	76.80
CHIW0115	16	0	0.00	20.50	11.09	177.40	6.37	40.63	20.50
CHIW0116	26	0	60.10	72.90	65.27	1,697.00	2.97	8.83	71.00
CHIW0117	32	0	72.60	76.30	74.31	2,377.90	1.02	1.05	76.30
CHIW0118	16	0	17.80	34.80	28.42	454.70	4.66	21.72	34.80
CHIW0120	14	0	0.00	39.50	19.59	274.20	12.01	144.27	39.50
CHIW0121	15	0	0.00	26.50	10.45	156.70	8.68	75.36	26.50
CHIW0123	18	0	0.00	45.30	25.07	451.20	12.19	148.48	45.30
CHIW0124	17	0	16.70	47.40	33.55	570.40	8.84	78.21	47.40
CHIW0125	20	0	0.00	64.00	30.72	614.40	21.23	450.75	59.10
CHIW0126	17	0	0.00	80.30	42.06	715.00	30.33	919.96	80.30
CHIW0127	15	0	6.60	39.70	23.49	352.40	11.10	123.29	39.70
CHIW0128	19	0	6.50	70.70	41.92	796.40	19.40	376.41	70.70
CHIW1601	15	0	4.20	49.10	26.70	400.50	12.60	158.65	49.10
CHIW1602	25	0	0.00	68.60	36.37	909.30	25.29	639.36	68.55
CHIW1603	8	0	2.10	78.30	63.61	508.90	26.04	678.17	78.30
CHIW1604	17	0	5.80	37.90	22.95	390.20	10.27	105.46	37.90
CHIW1605	16	0	24.70	43.20	30.48	487.60	4.80	23.07	43.20
CHIW1606	16	0	0.00	37.80	21.06	337.00	11.70	136.95	37.80
CHIW1608	15	0	18.20	34.60	25.23	378.40	4.81	23.10	34.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	0.00	36.20	11.31	226.20	12.51	156.62	34.25
CHIW1610	15	0	5.70	44.00	24.51	367.70	10.43	108.76	44.00
CHIW1611	16	0	23.10	38.80	28.87	461.90	3.91	15.27	38.80
CHIW1612	24	0	0.00	72.10	45.13	1,083.10	21.33	454.95	71.80
GW44	14	0	22.40	38.70	33.08	463.10	3.70	13.69	38.70
GW48	16	0	3.00	45.40	27.72	443.50	12.12	146.93	45.40
GW56	17	0	0.00	52.40	35.00	595.00	16.14	260.54	52.40
GW57	30	0	75.90	79.10	77.15	2,314.50	0.65	0.42	78.55
GW88	16	0	15.40	31.60	25.66	410.60	4.81	23.13	31.60
LC005A	29	0	0.00	78.30	49.86	1,446.00	25.82	666.69	77.60
LC01B	24	0	2.00	78.70	64.69	1,552.50	20.93	437.87	77.90
LM04B	28	0	0.00	77.40	33.80	946.30	33.84	1,145.40	77.35
LM07B	25	0	0.00	77.30	19.15	478.70	22.45	504.08	76.95
PBLFGXGW01	15	0	1.50	24.90	13.99	209.90	5.90	34.80	24.90
PBLFGXGW03	19	0	0.00	42.40	14.68	278.90	13.47	181.42	42.40
PBLFGXGW07	17	0	0.00	70.50	20.29	344.90	18.75	351.51	70.50
PBLFGXGW18	15	0	14.20	43.90	28.44	426.60	9.39	88.11	43.90
PBLFGXGW28	29	0	59.50	78.80	75.27	2,182.70	4.80	23.07	78.50
PBLFGXGW29	28	0	5.70	77.90	64.76	1,813.20	20.31	412.38	77.85
PBLFGXGW30	16	0	20.00	38.70	28.86	461.70	5.40	29.17	38.70
Total	1,865	0	0.00	81.70	41.18	76,800.70	27.53	757.80	78.00

Data from: 1 Jan 2020 to: 31 Dec 2020

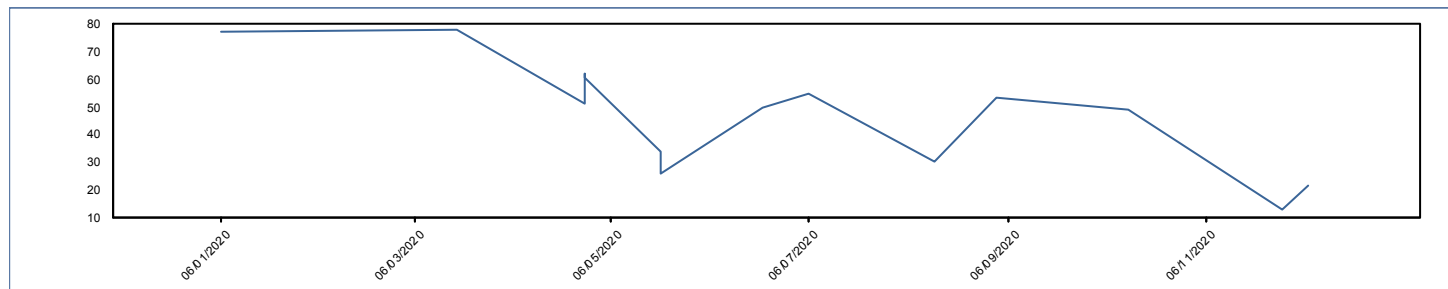
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



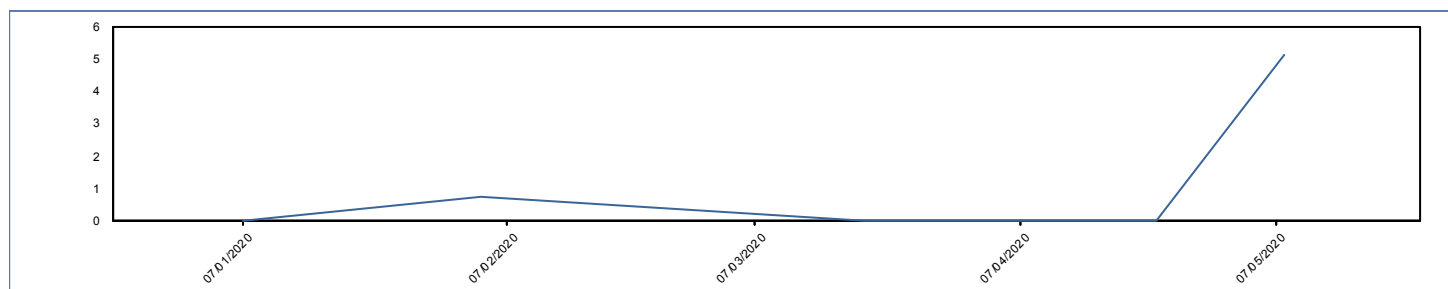
CHILRIS2

Number of readings

5

Number of breaches

0



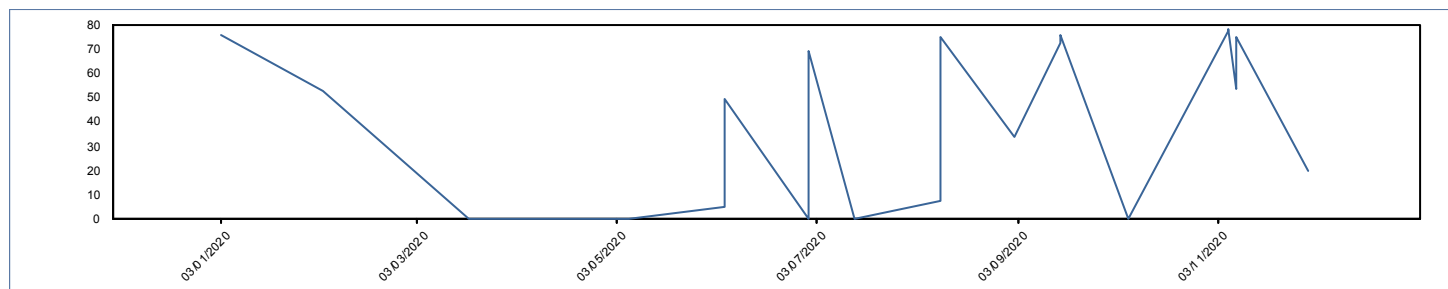
CHILW06R

Number of readings

28

Number of breaches

0



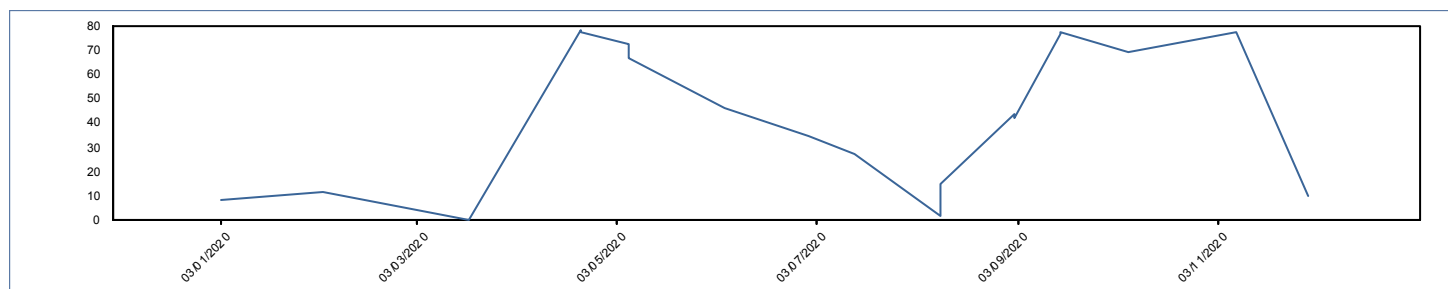
CHILW4AR

Number of readings

27

Number of breaches

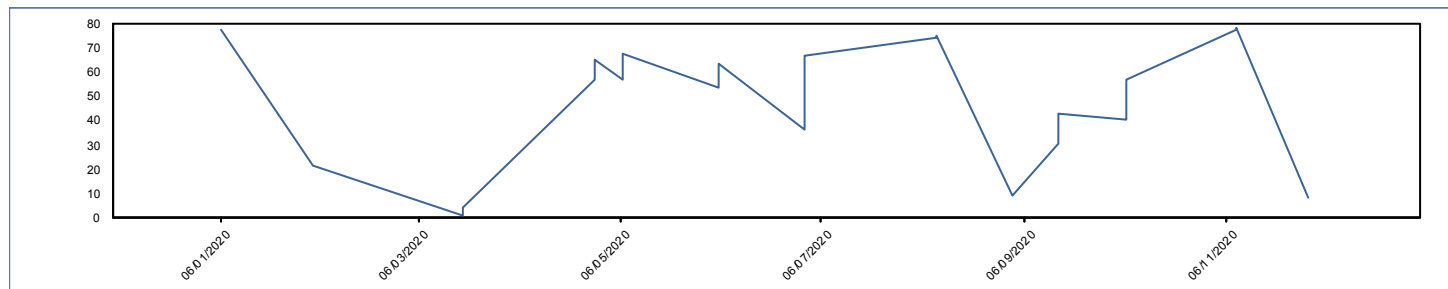
0



Data from: 1 Jan 2020 to: 31 Dec 2020

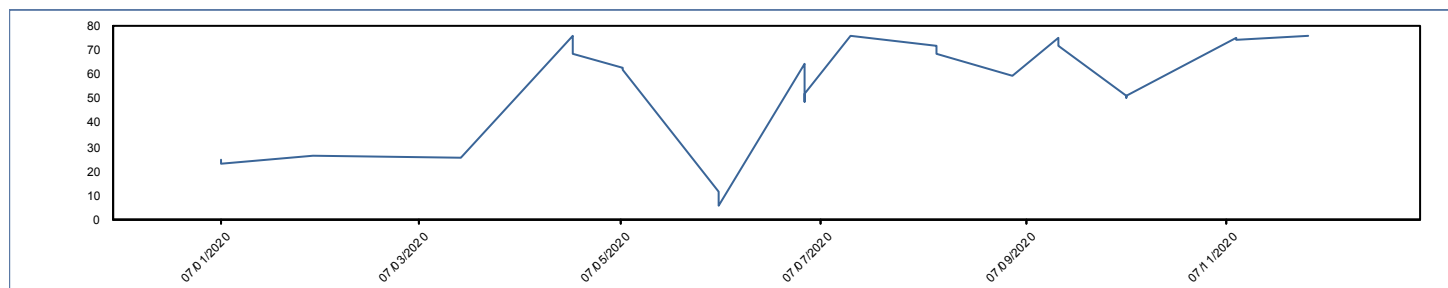
CHILW5BR

Number of readings 29 Number of breaches 0



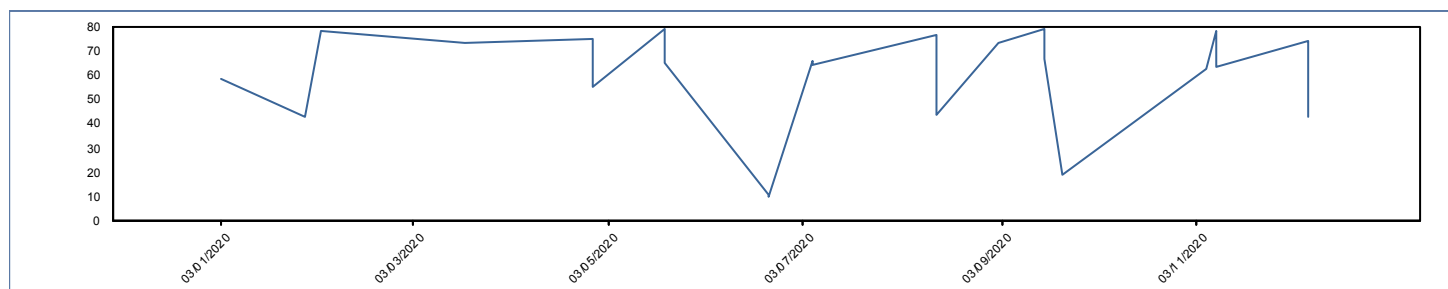
CHIP0111

Number of readings 30 Number of breaches 0



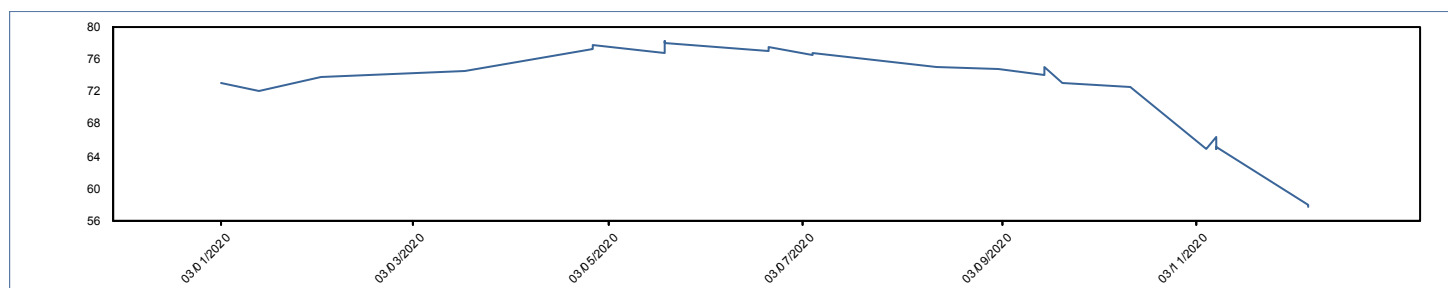
CHIR0010

Number of readings 30 Number of breaches 0



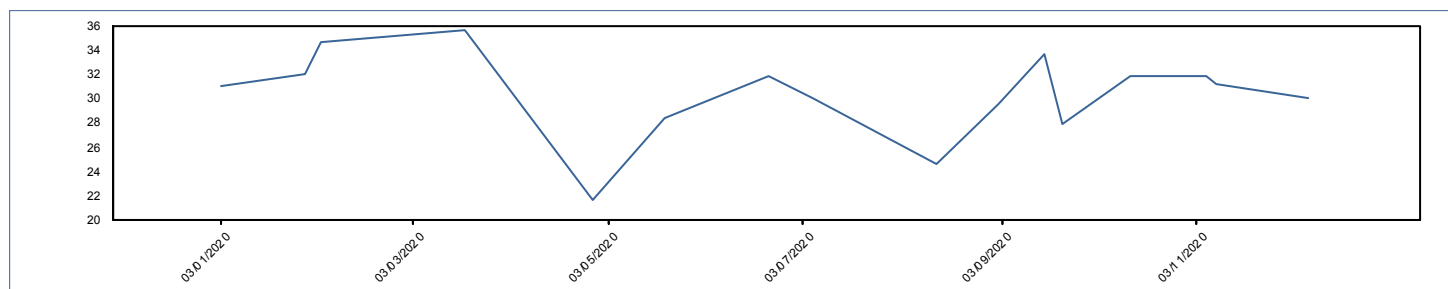
CHIR0037

Number of readings 31 Number of breaches 0



CHIR0041

Number of readings 16 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

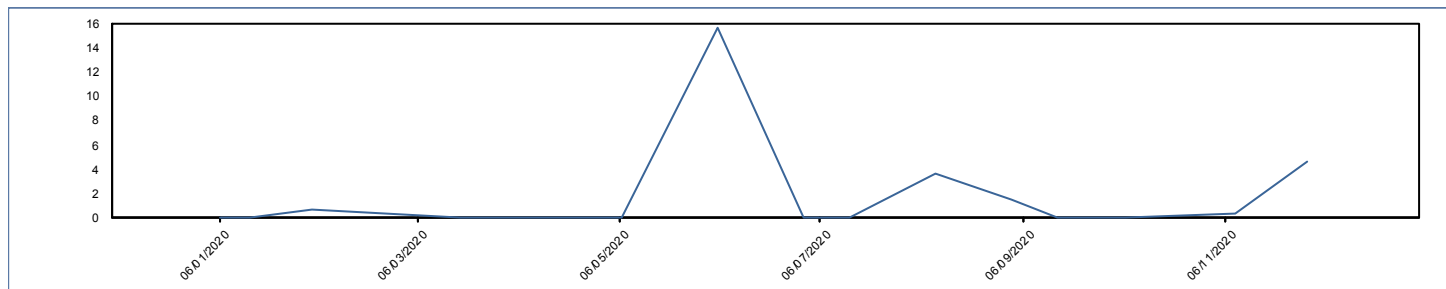
CHIR0043

Number of readings

15

Number of breaches

0



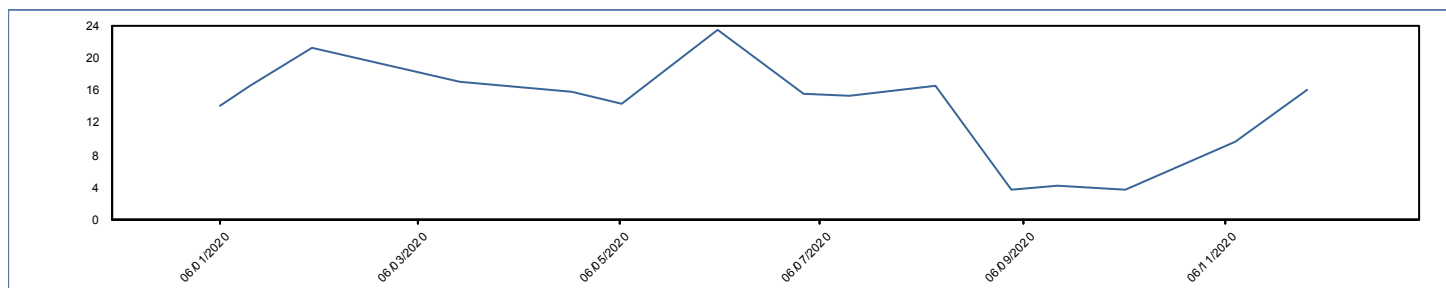
CHIR0055

Number of readings

15

Number of breaches

0



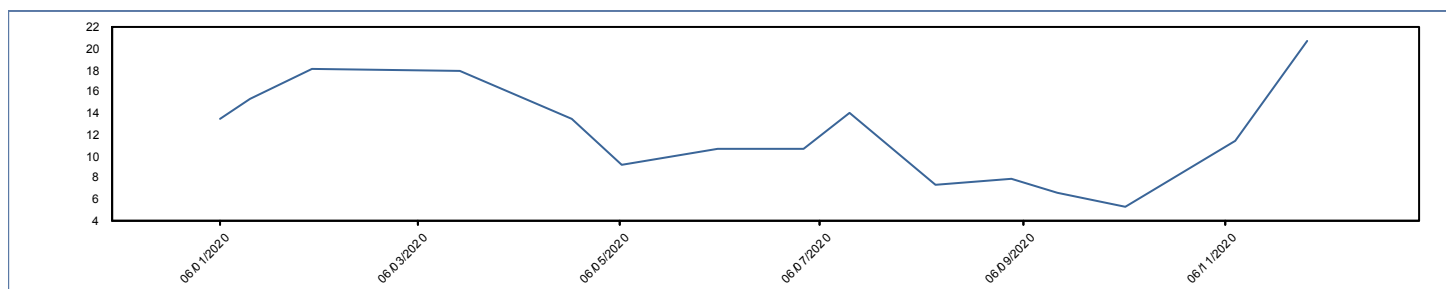
CHIR0069

Number of readings

15

Number of breaches

0



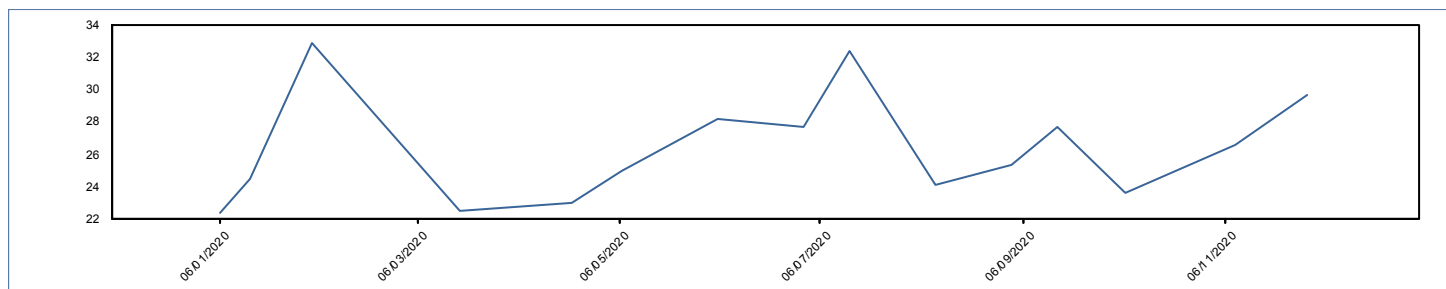
CHIR0070

Number of readings

15

Number of breaches

0



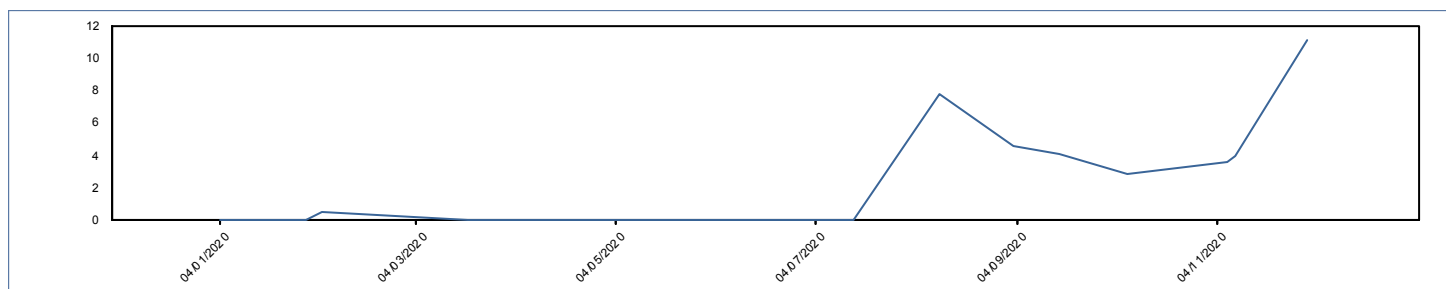
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

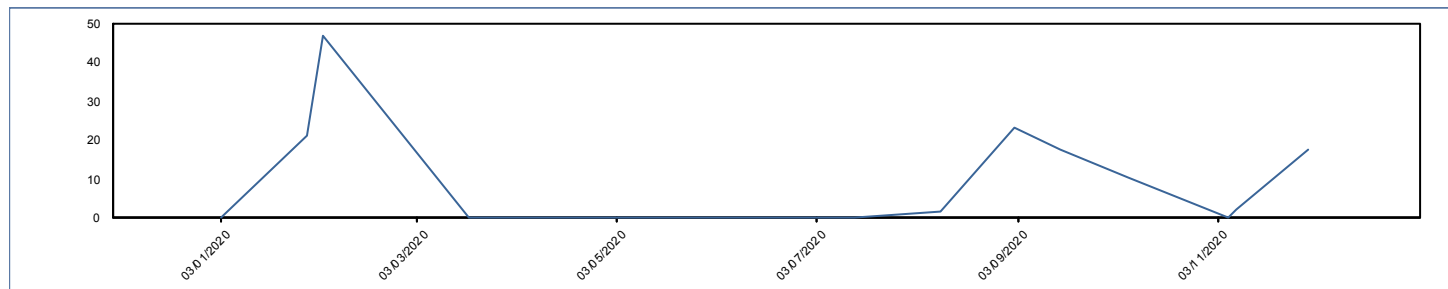
CHIR0073

Number of readings

18

Number of breaches

0



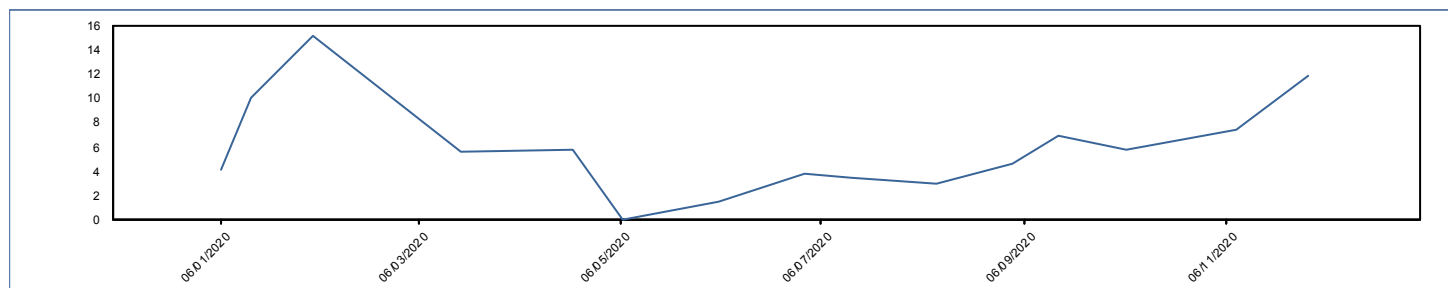
CHIR0074

Number of readings

15

Number of breaches

0



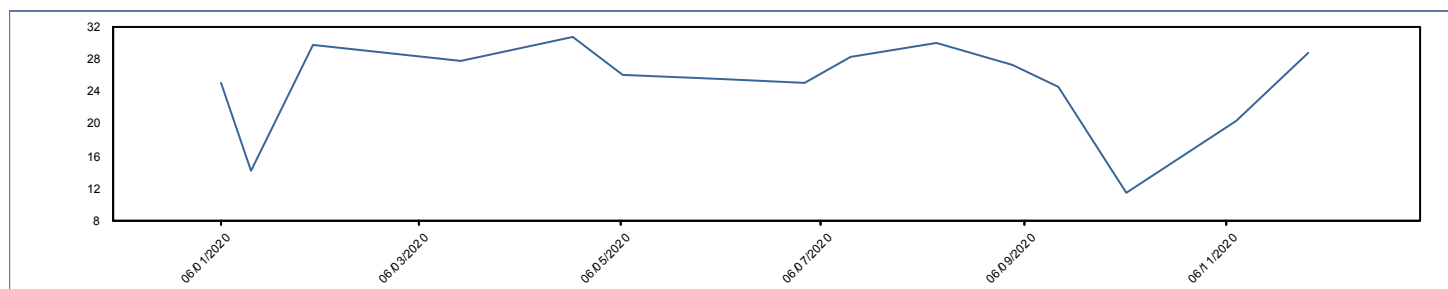
CHIR0079

Number of readings

15

Number of breaches

0



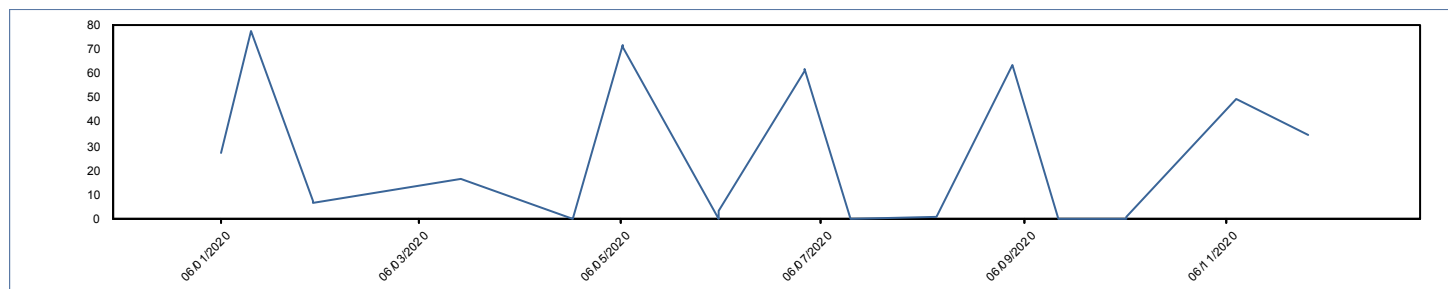
CHIR0080

Number of readings

23

Number of breaches

0



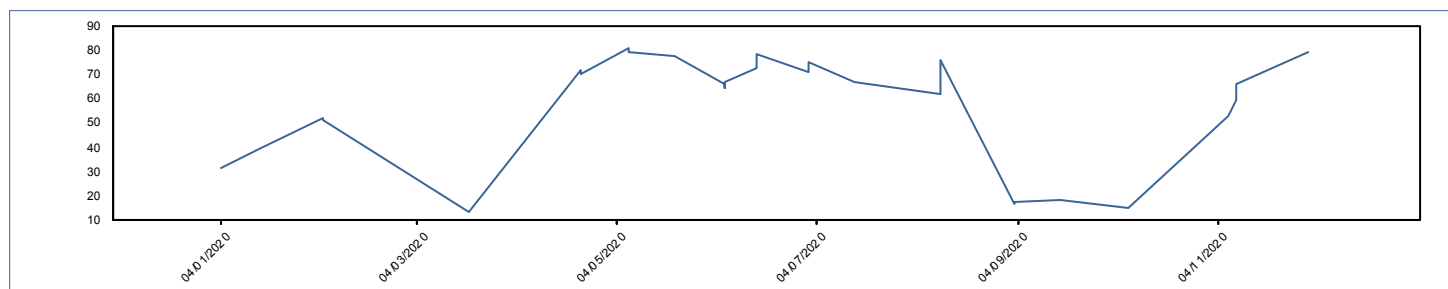
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

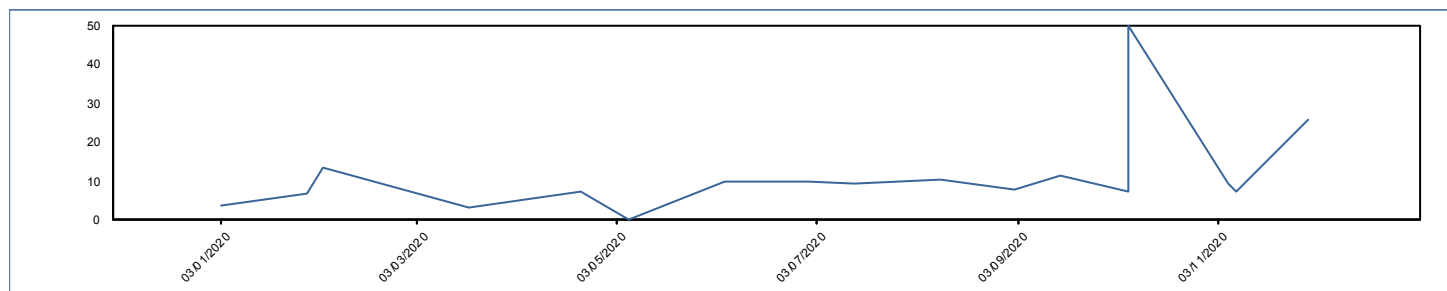
CHIR0091

Number of readings

17

Number of breaches

0



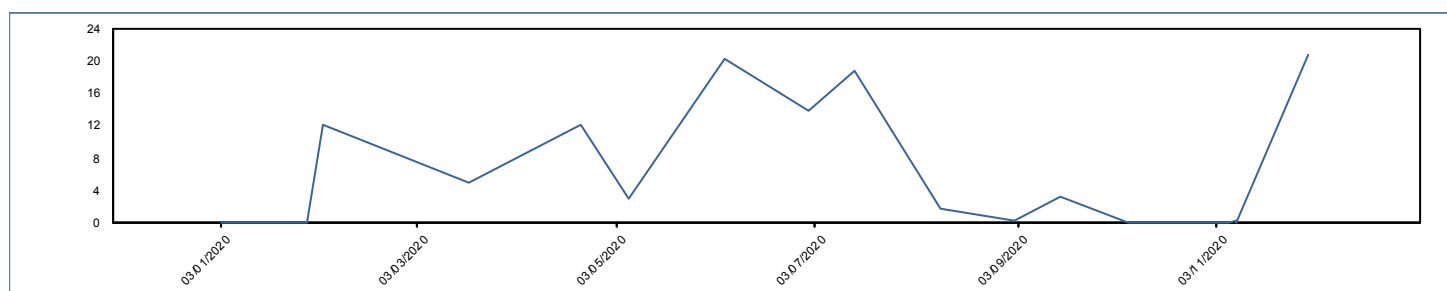
CHIR0093

Number of readings

17

Number of breaches

0



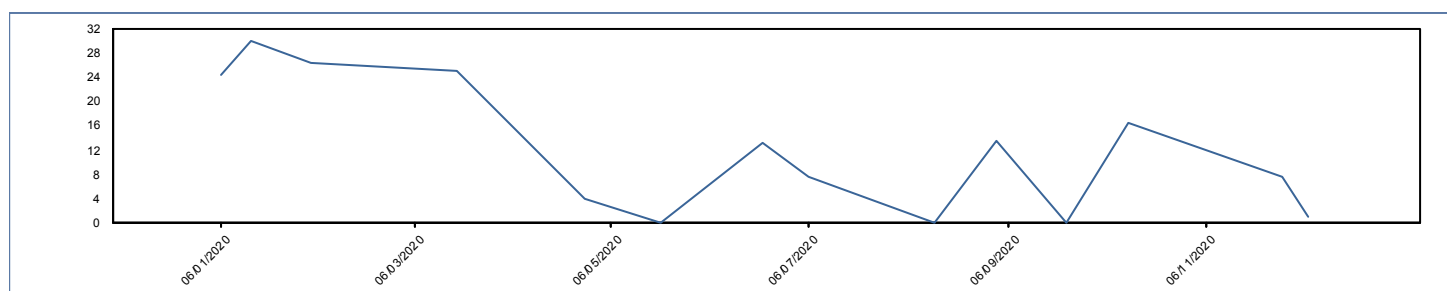
CHIR252R

Number of readings

14

Number of breaches

0



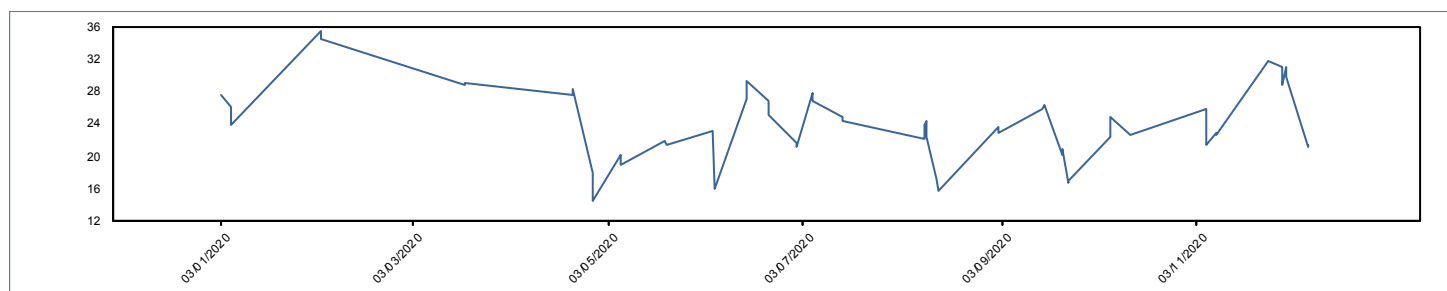
CHISITE1

Number of readings

57

Number of breaches

0



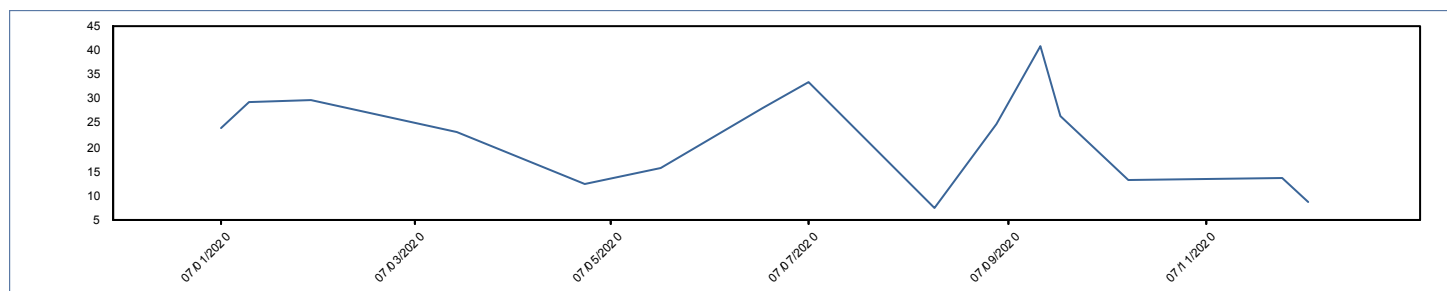
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

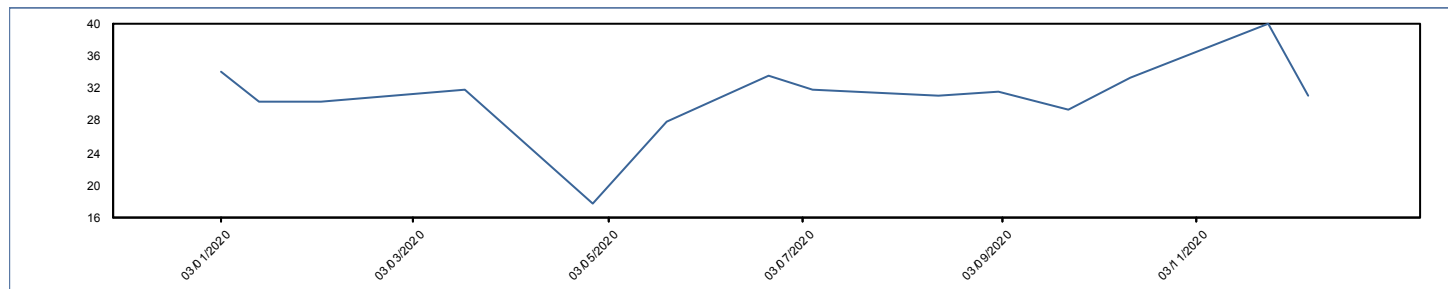
CHIW0065

Number of readings

14

Number of breaches

0



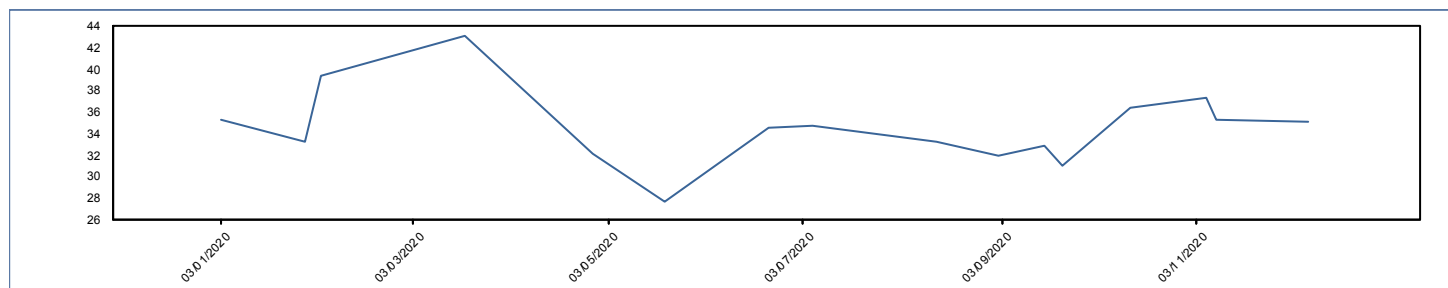
CHIW0066

Number of readings

16

Number of breaches

0



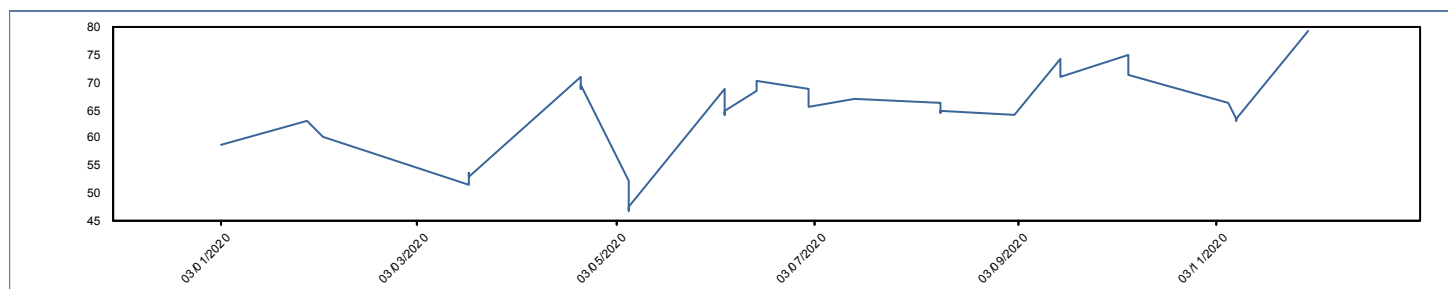
CHIW0067

Number of readings

37

Number of breaches

0



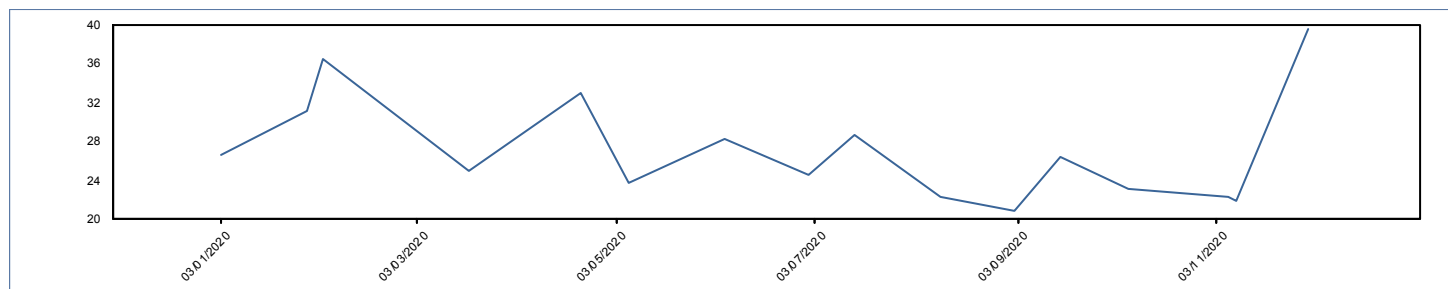
CHIW0068

Number of readings

16

Number of breaches

0



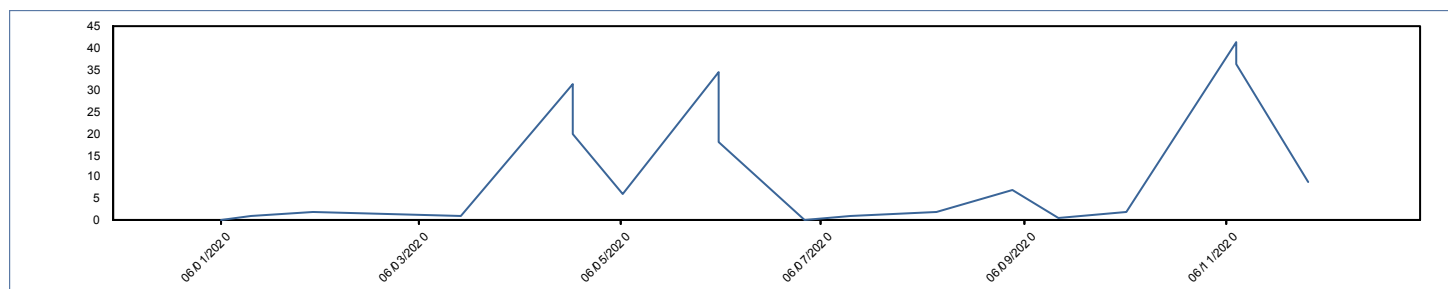
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

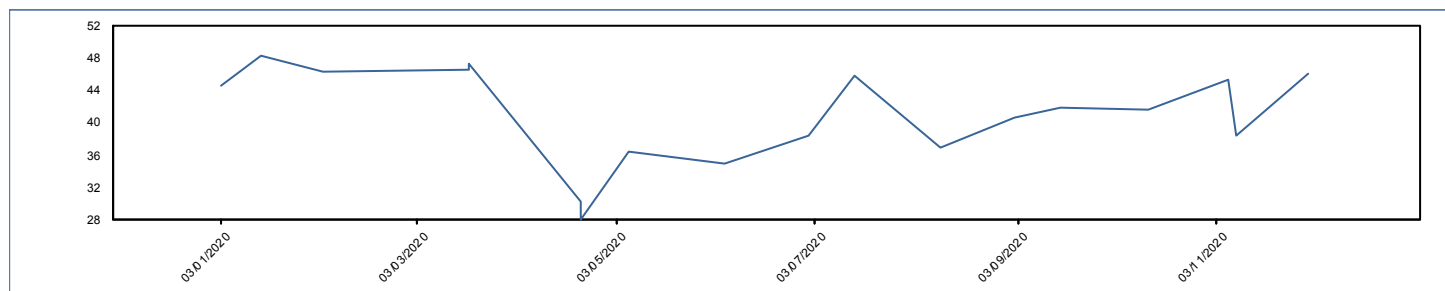
CHI0082

Number of readings

19

Number of breaches

0



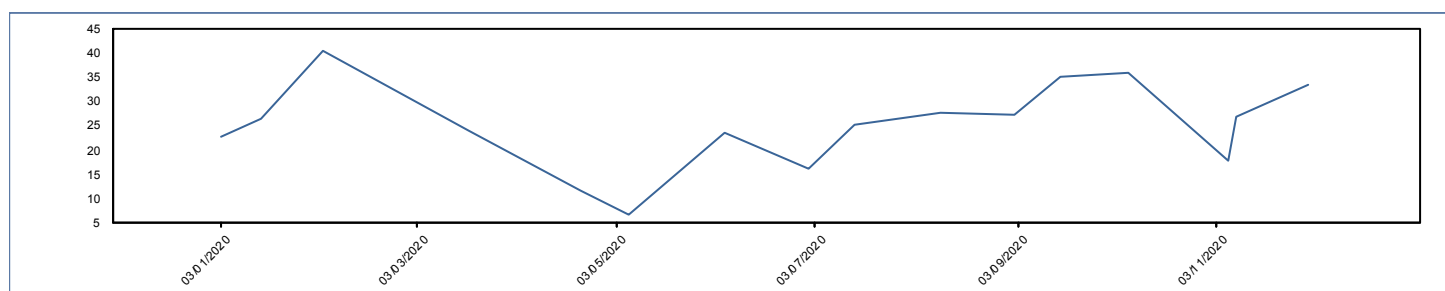
CHI0083

Number of readings

16

Number of breaches

0



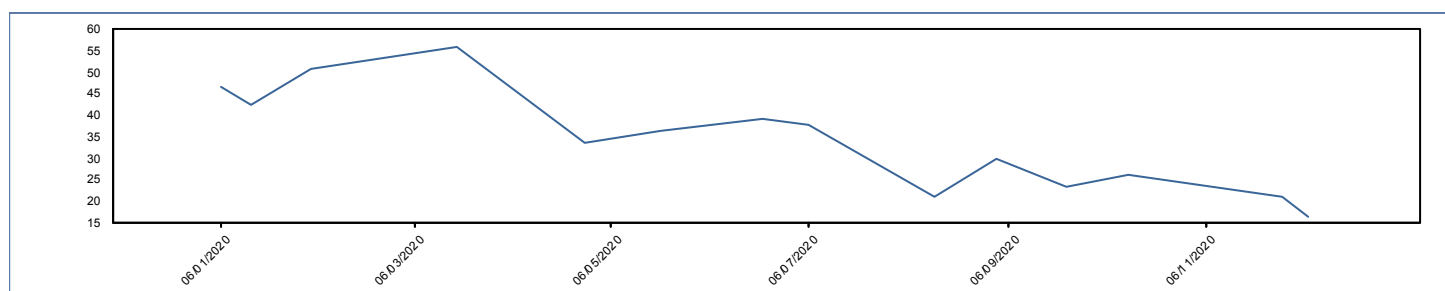
CHI0084

Number of readings

14

Number of breaches

0



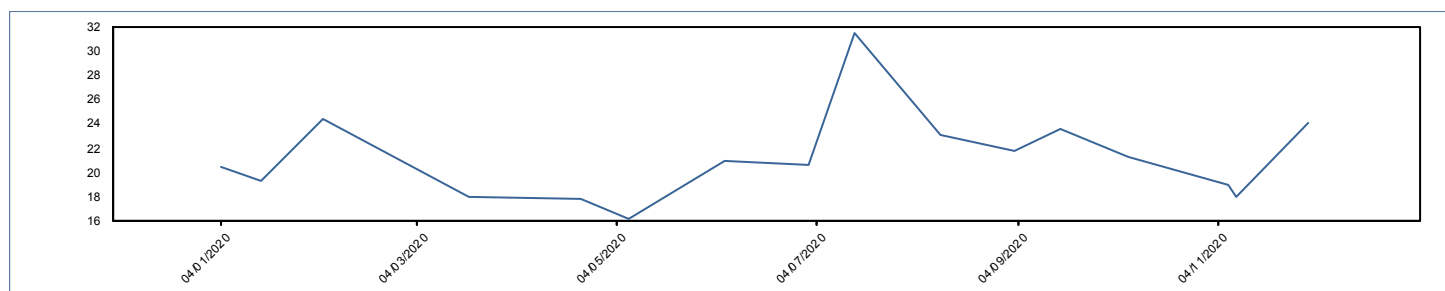
CHI0089

Number of readings

16

Number of breaches

0



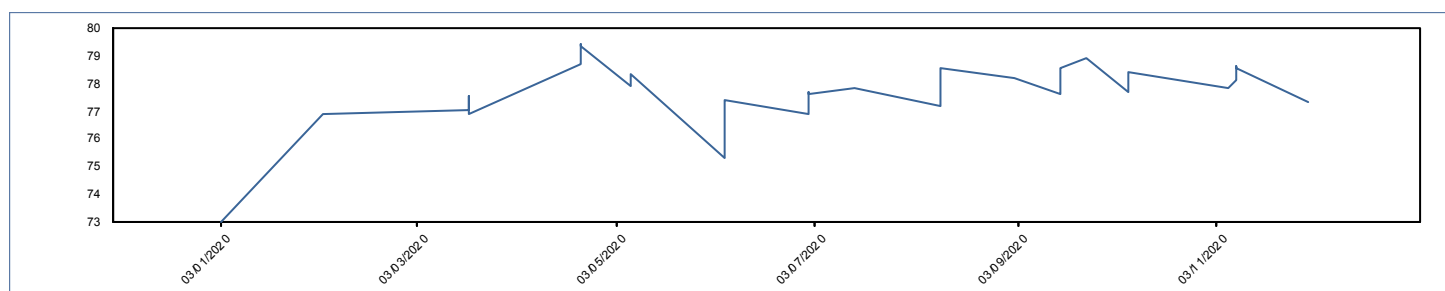
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

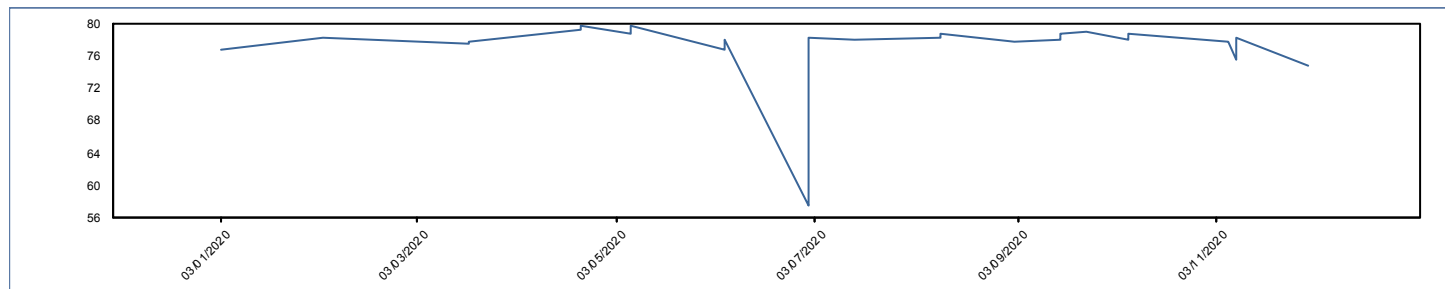
CHI0097

Number of readings

34

Number of breaches

0



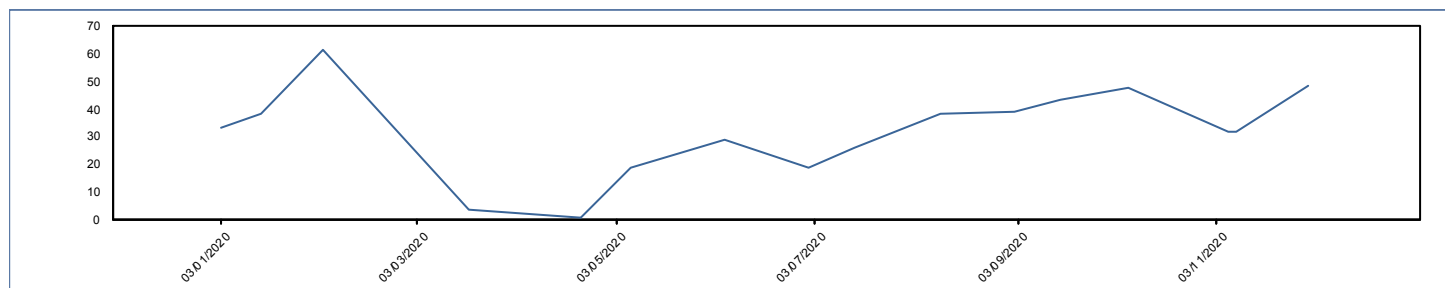
CHI0098

Number of readings

16

Number of breaches

0



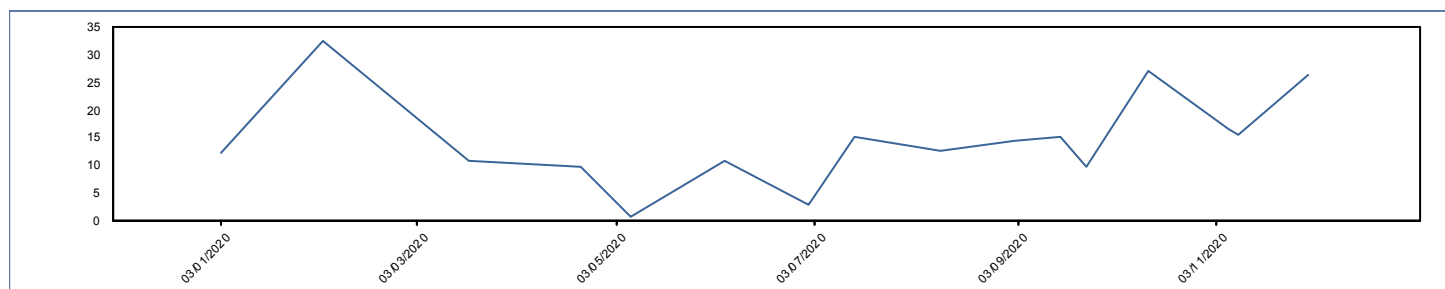
CHI0099

Number of readings

16

Number of breaches

0



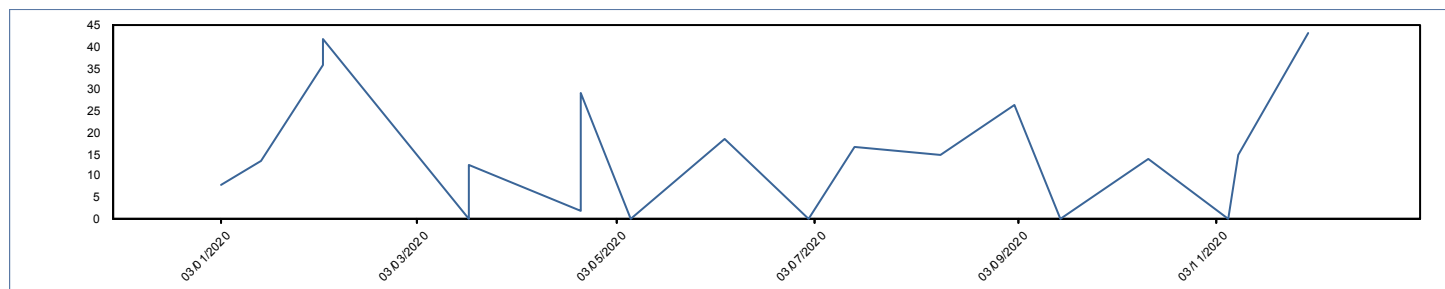
CHI0100

Number of readings

22

Number of breaches

0



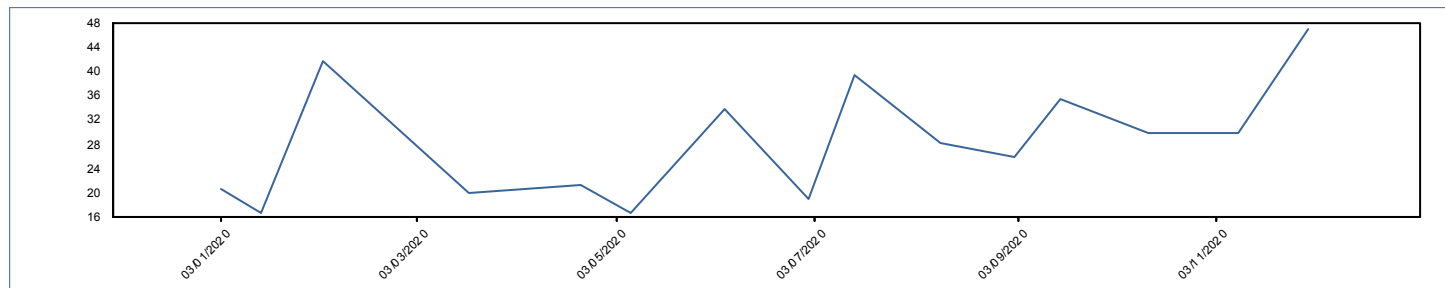
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

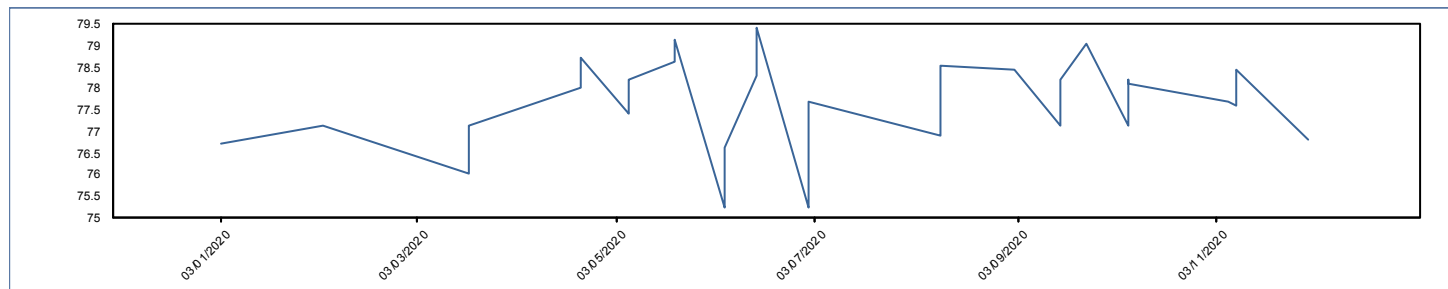
CHI0102

Number of readings

39

Number of breaches

0



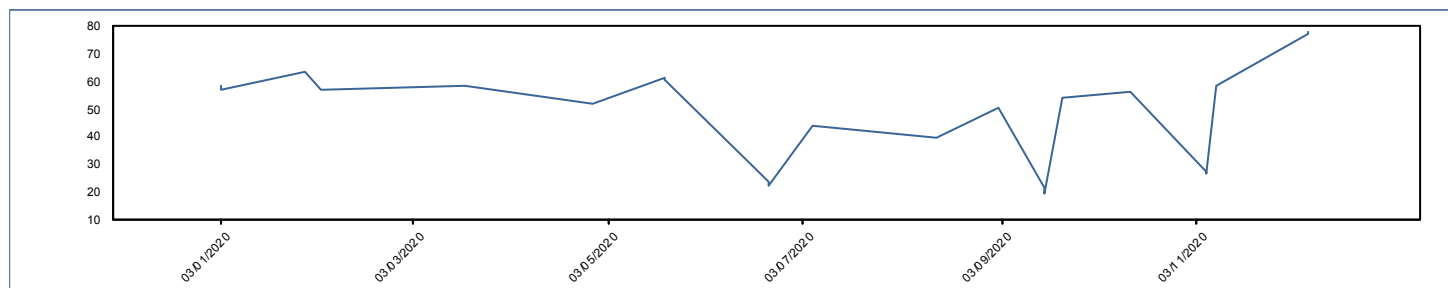
CHI0103

Number of readings

24

Number of breaches

0



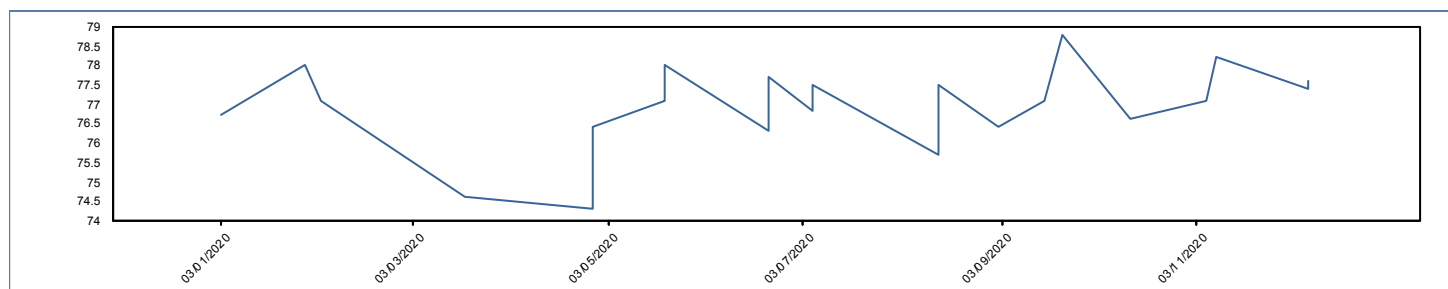
CHI0104

Number of readings

30

Number of breaches

0



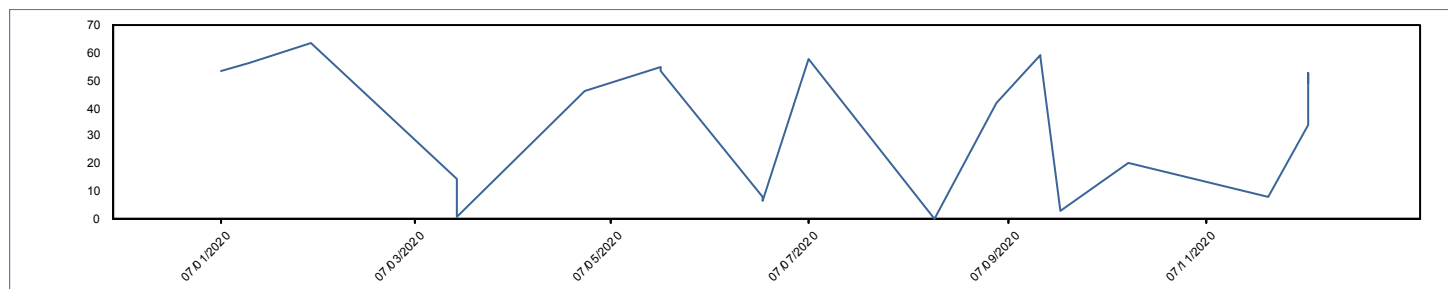
CHI0105

Number of readings

24

Number of breaches

0



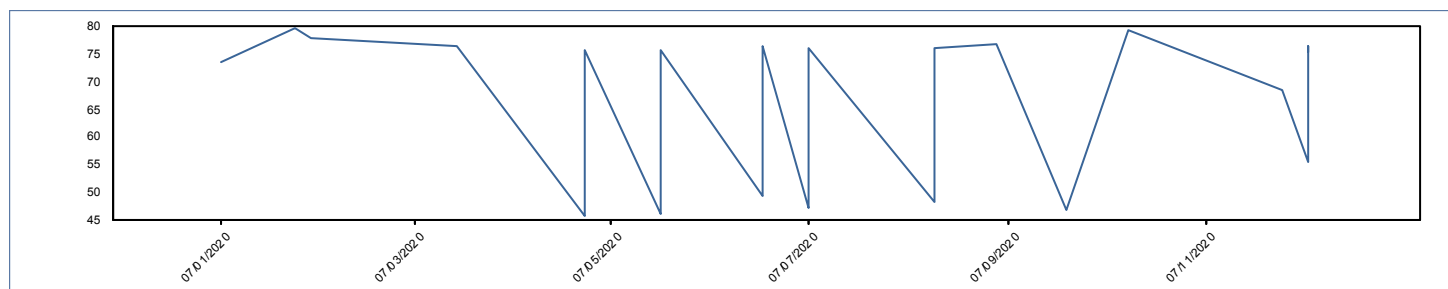
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

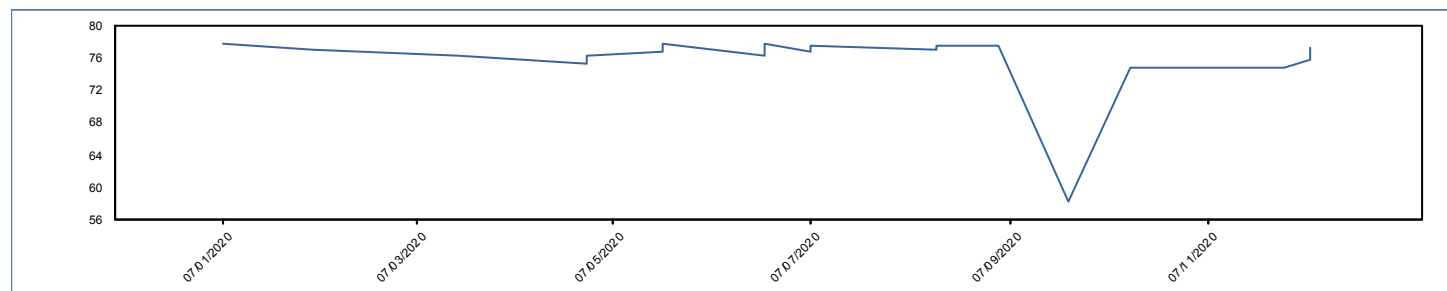
CHIWO107

Number of readings

25

Number of breaches

0



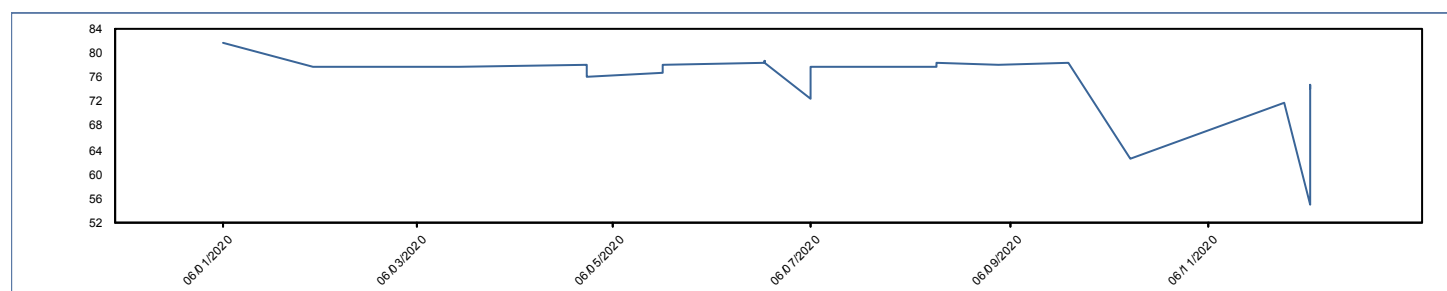
CHIWO108

Number of readings

25

Number of breaches

0



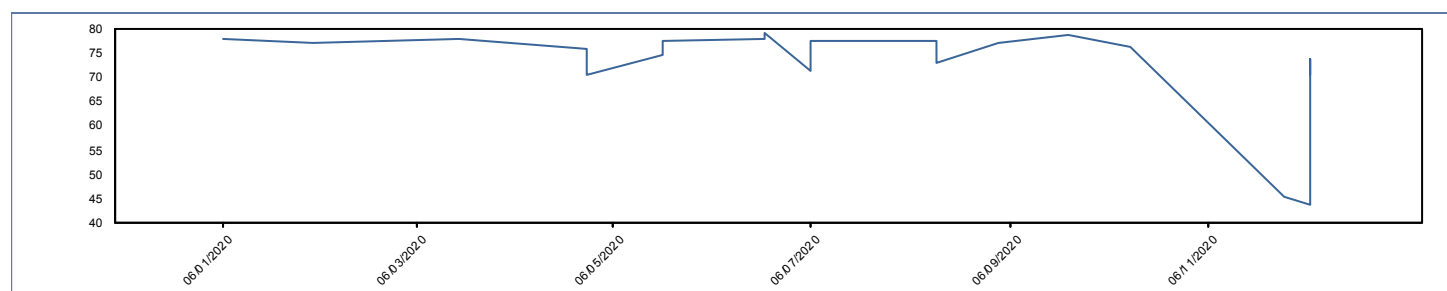
CHIWO109

Number of readings

25

Number of breaches

0



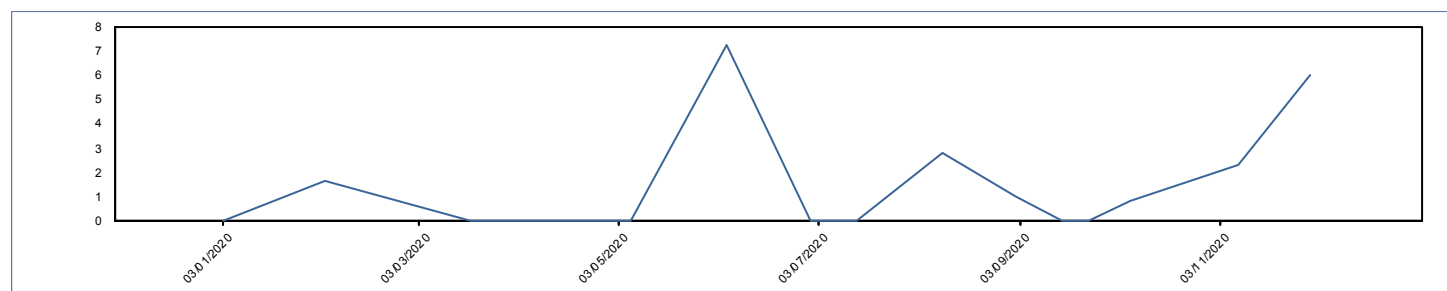
CHIWO110

Number of readings

15

Number of breaches

0



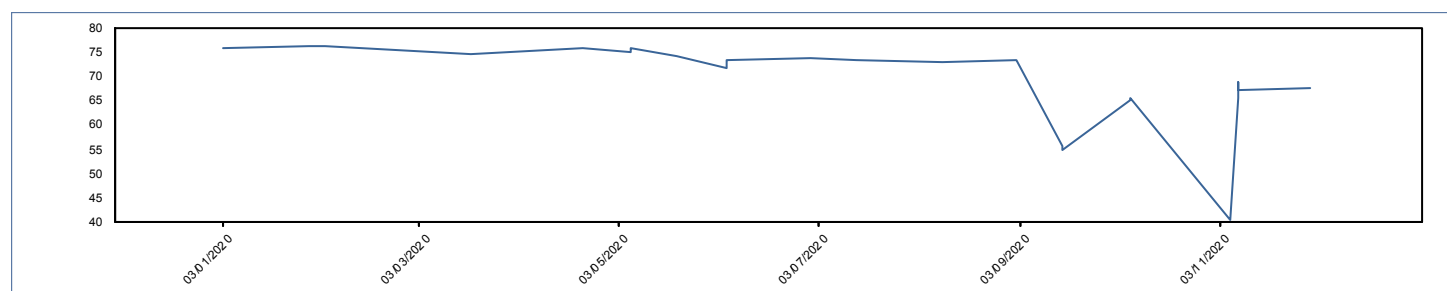
CHIWO111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

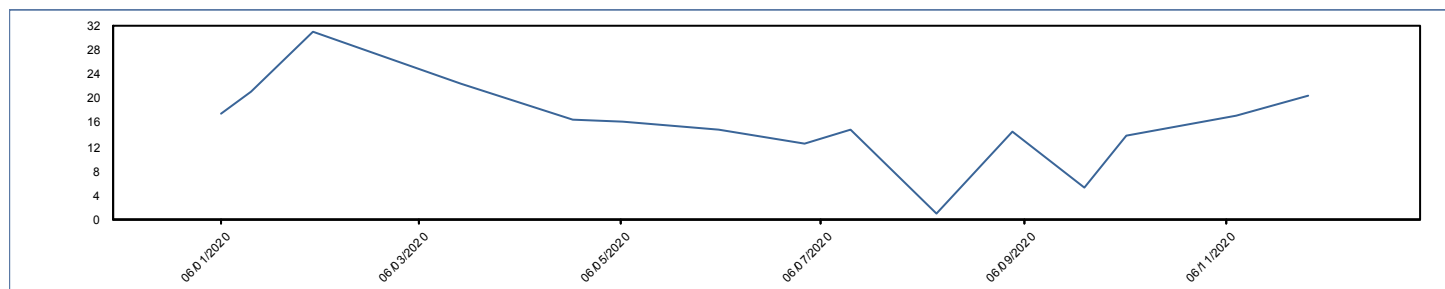
CHI0112

Number of readings

15

Number of breaches

0



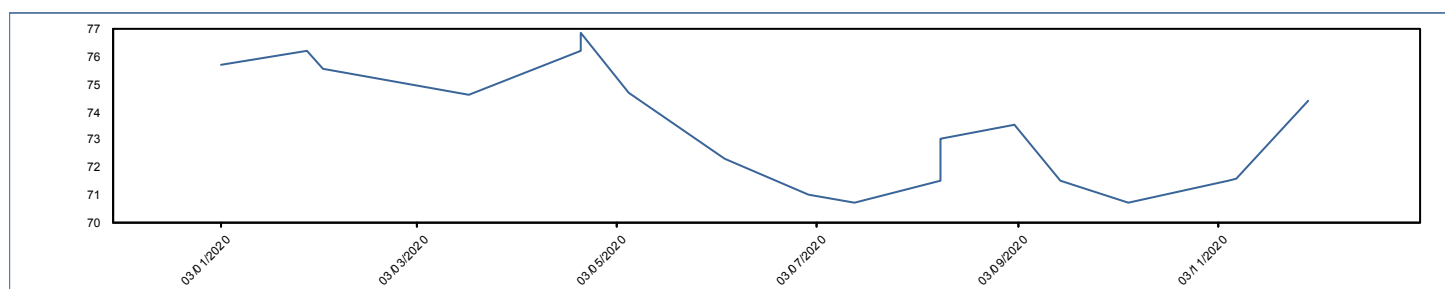
CHI0113

Number of readings

20

Number of breaches

0



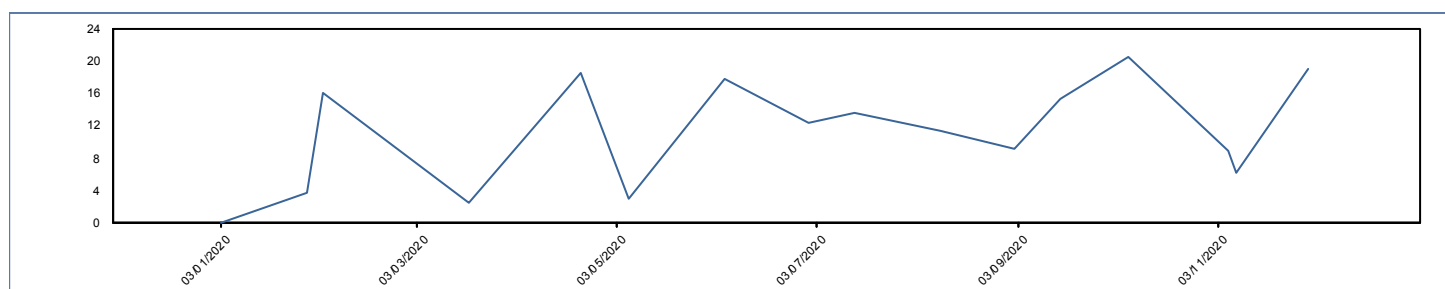
CHI0115

Number of readings

16

Number of breaches

0



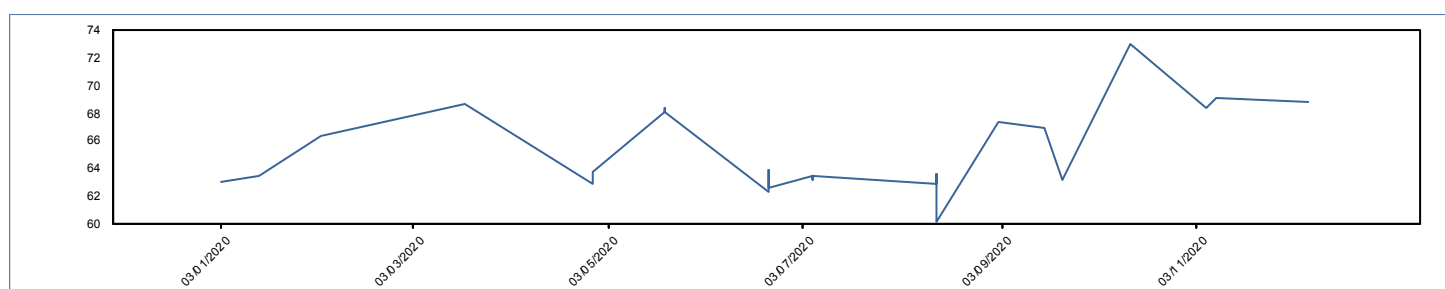
CHI0116

Number of readings

26

Number of breaches

0



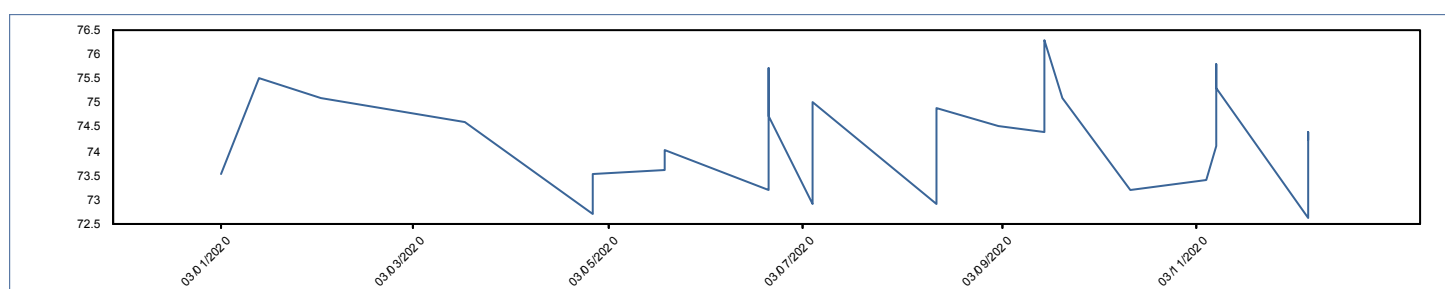
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

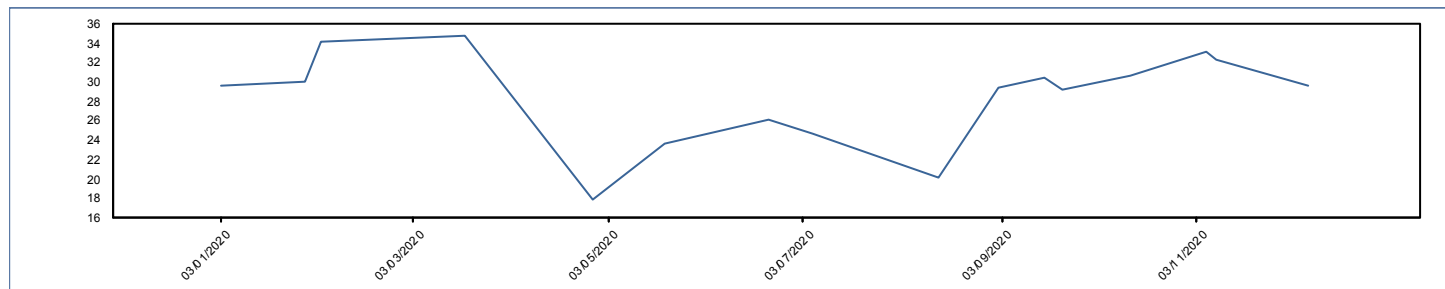
CHI0118

Number of readings

16

Number of breaches

0



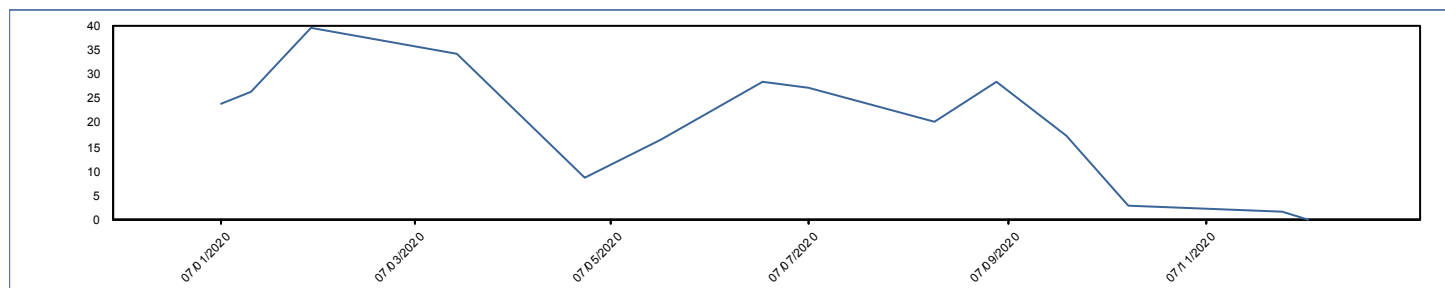
CHI0120

Number of readings

14

Number of breaches

0



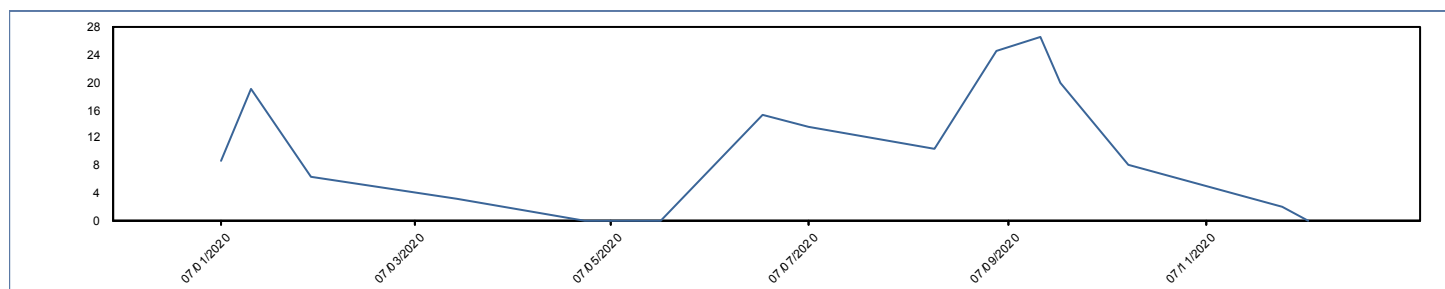
CHI0121

Number of readings

15

Number of breaches

0



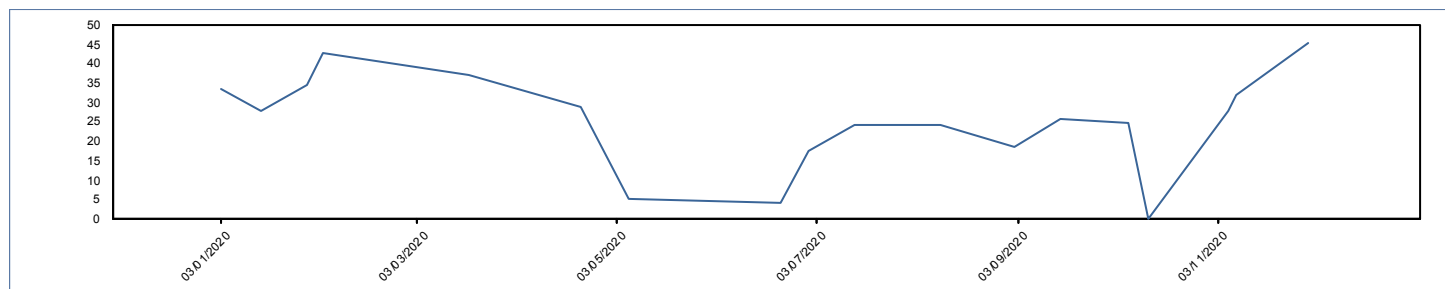
CHI0123

Number of readings

18

Number of breaches

0



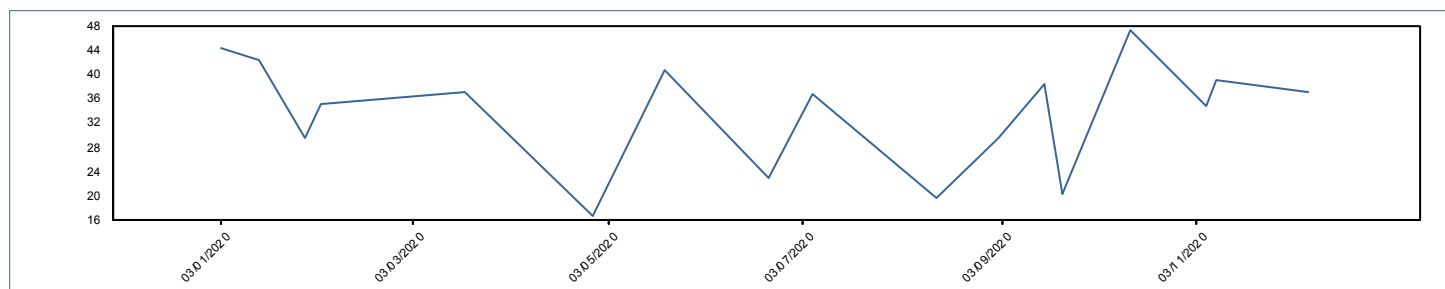
CHI0124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

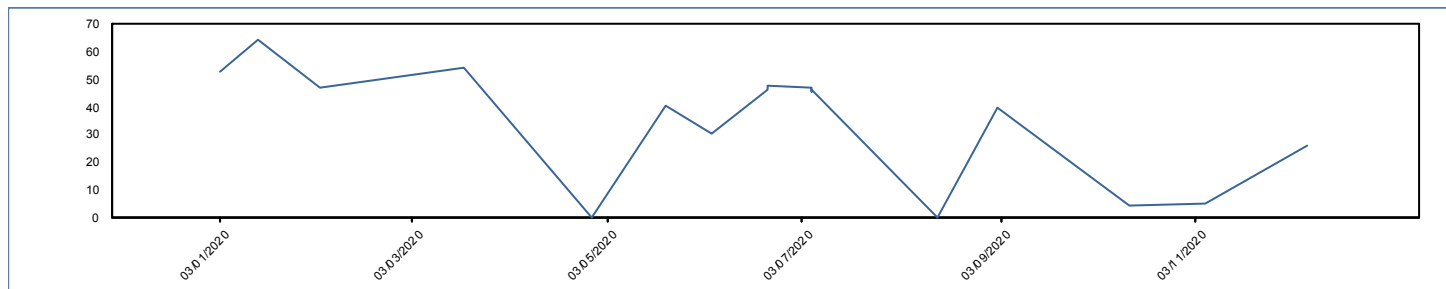
CHI0125

Number of readings

20

Number of breaches

0



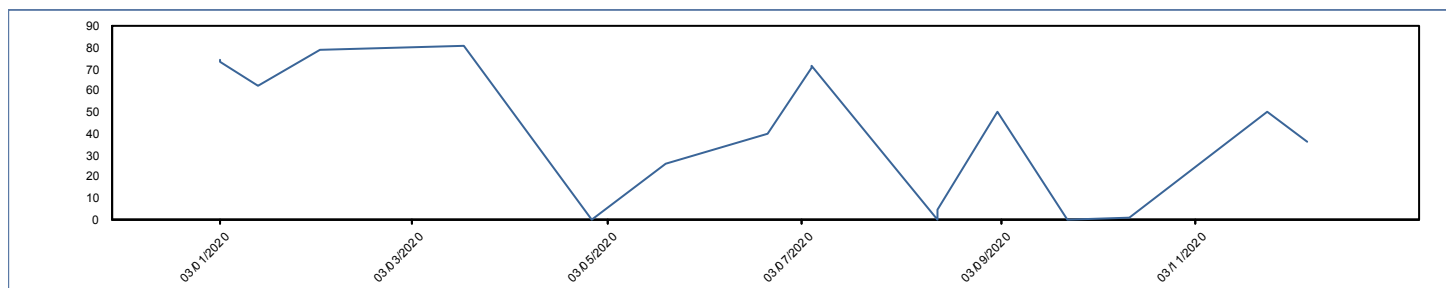
CHI0126

Number of readings

17

Number of breaches

0



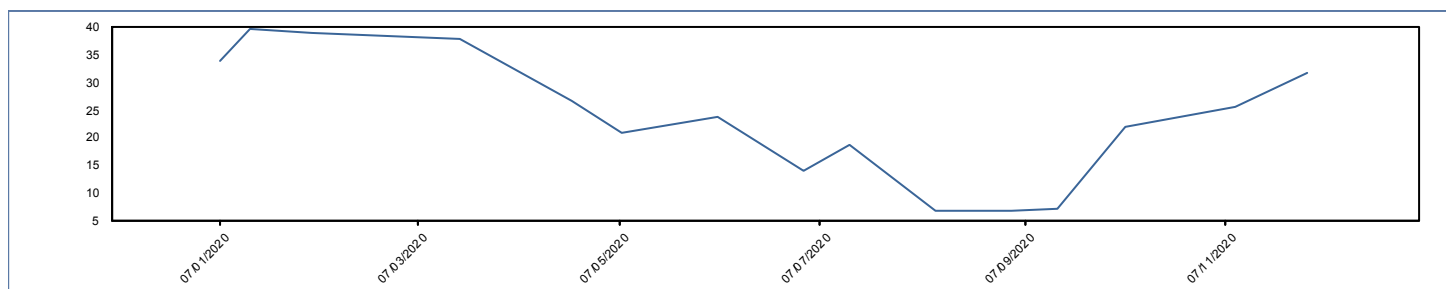
CHI0127

Number of readings

15

Number of breaches

0



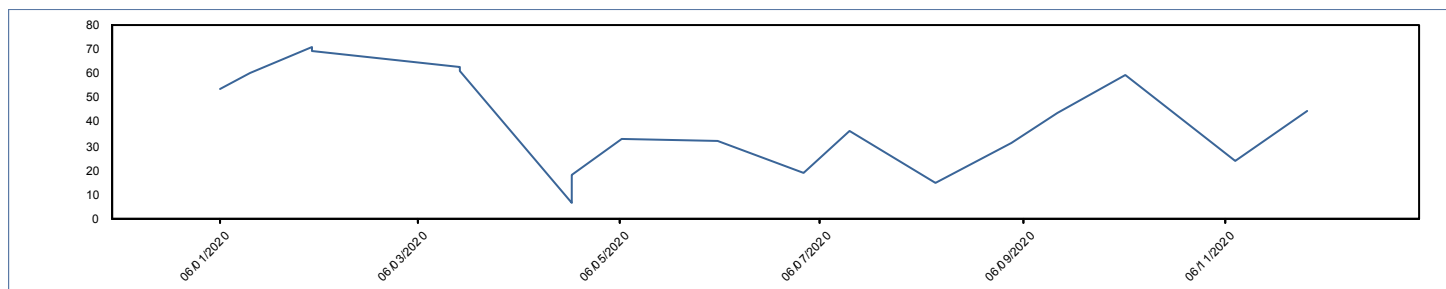
CHI0128

Number of readings

19

Number of breaches

0



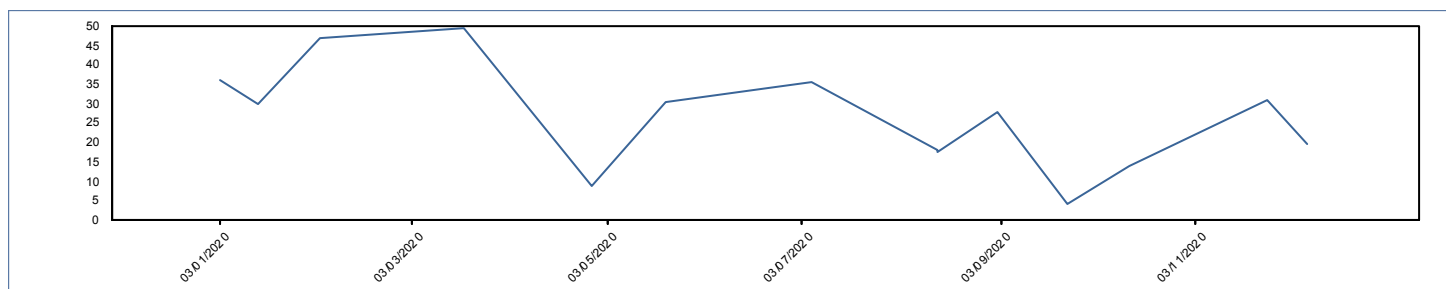
CHI01601

Number of readings

15

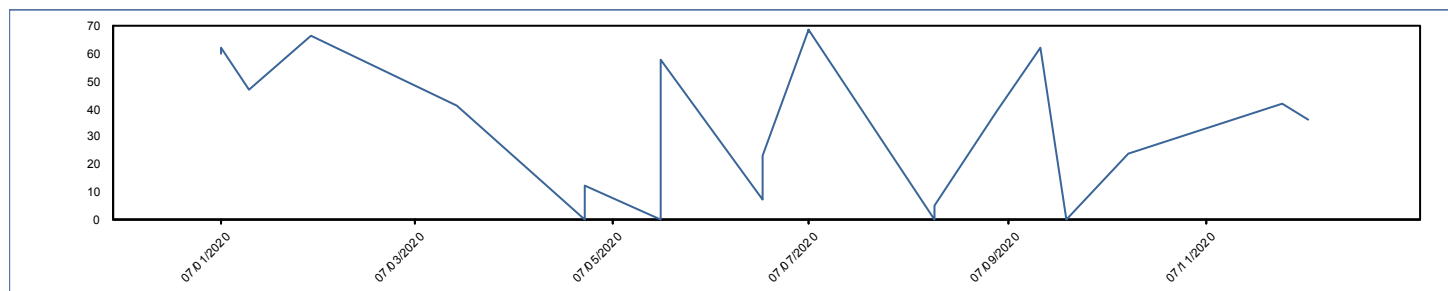
Number of breaches

0

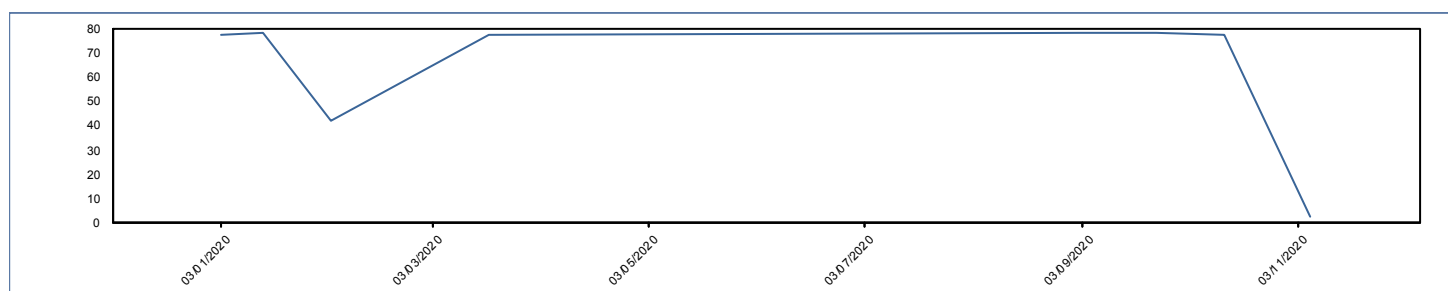


CHI1602

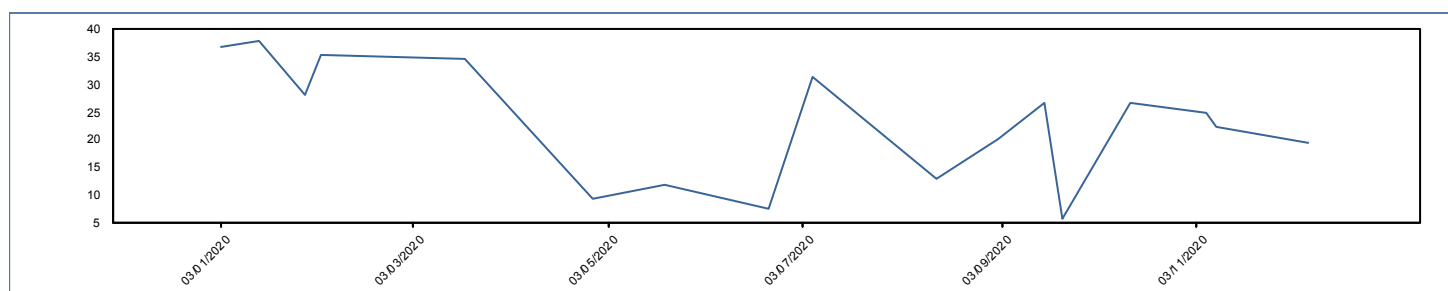
Number of readings	25	Number of breaches	0



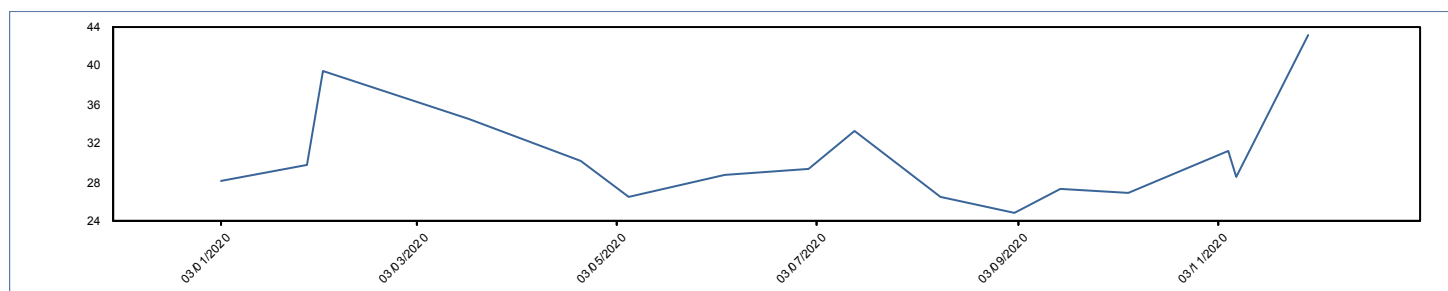
Number of readings	8	Number of breaches	0



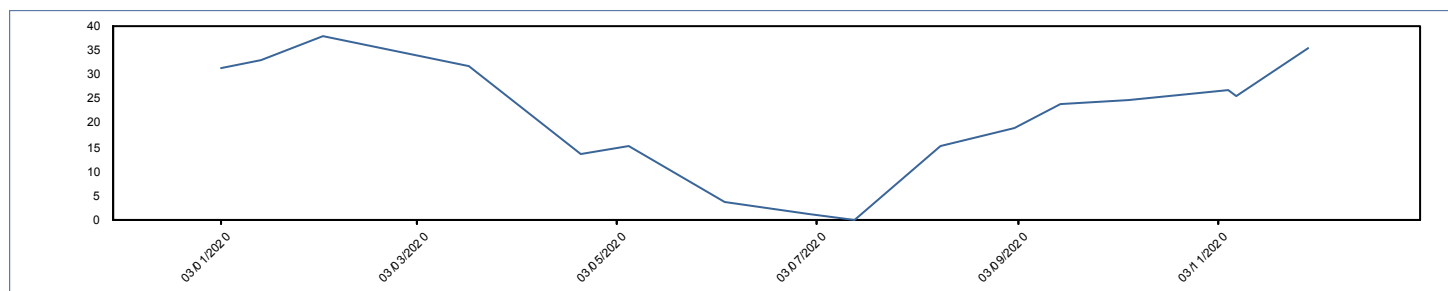
Number of readings	17	Number of breaches	0



Number of readings	16	Number of breaches	0



Number of readings	16	Number of breaches	0



Data from: 1 Jan 2020 to: 31 Dec 2020

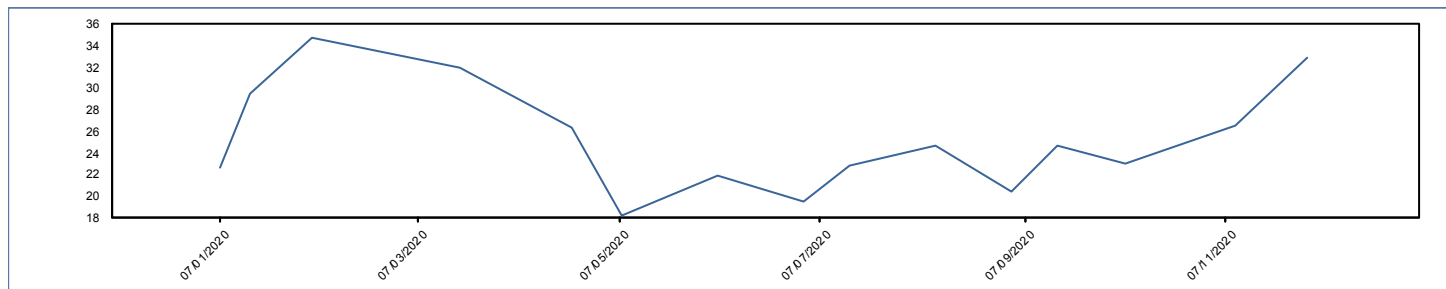
CHIWI608

Number of readings

15

Number of breaches

0



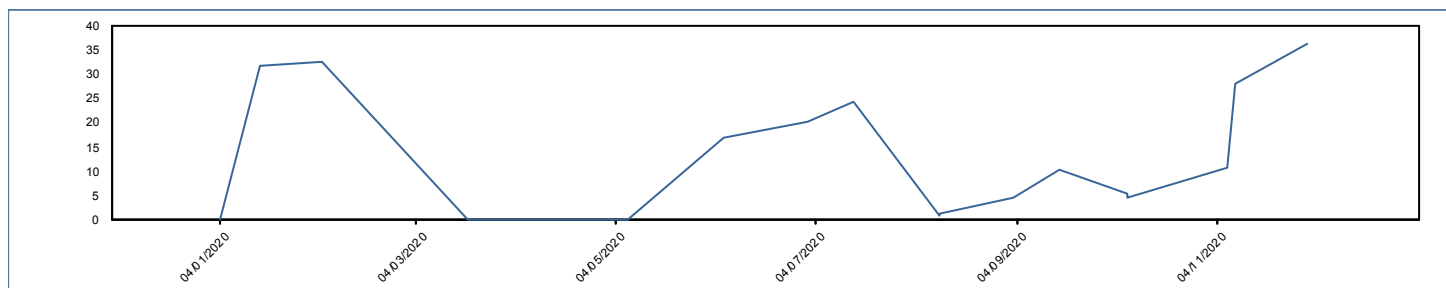
CHIWI609

Number of readings

20

Number of breaches

0



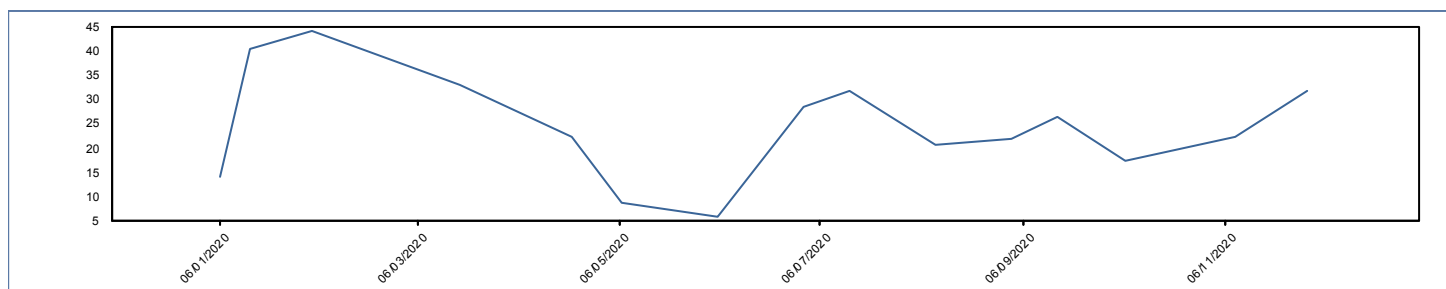
CHIWI610

Number of readings

15

Number of breaches

0



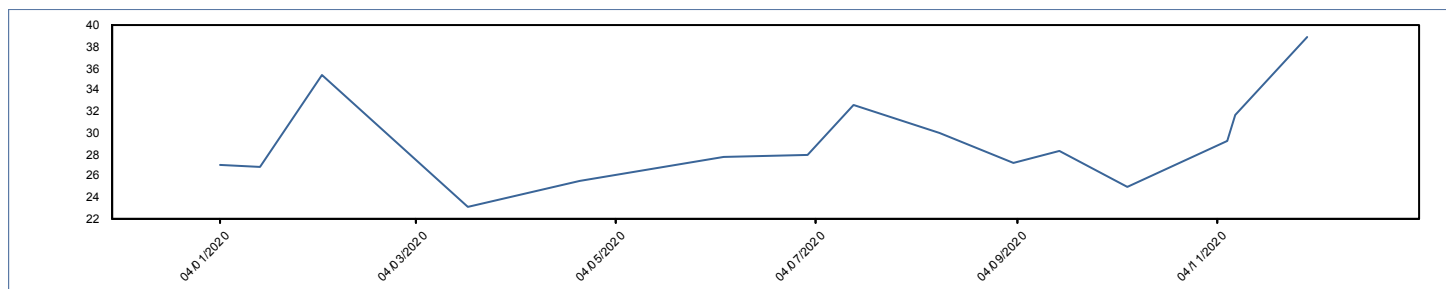
CHIWI611

Number of readings

16

Number of breaches

0



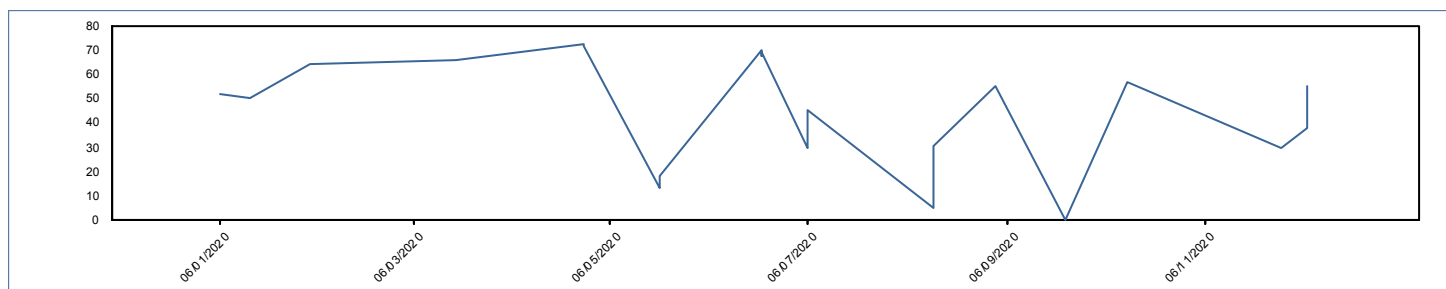
CHIWI612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

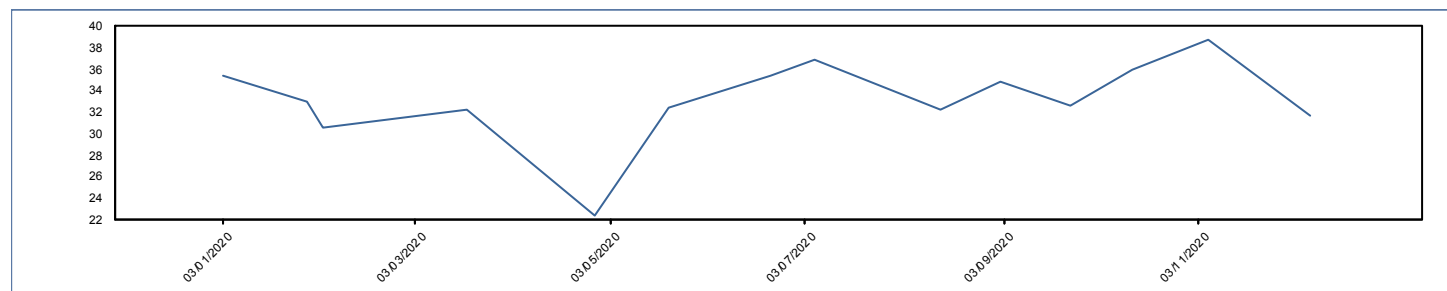
GW44

Number of readings

14

Number of breaches

0



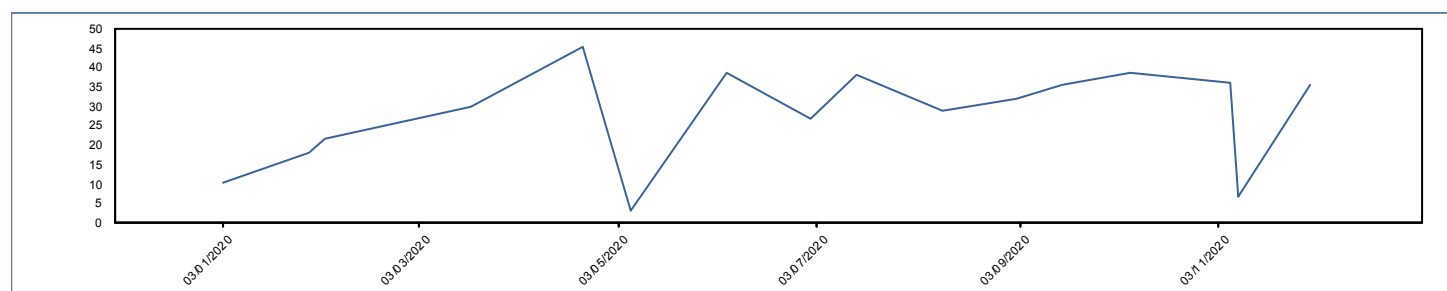
GW48

Number of readings

16

Number of breaches

0



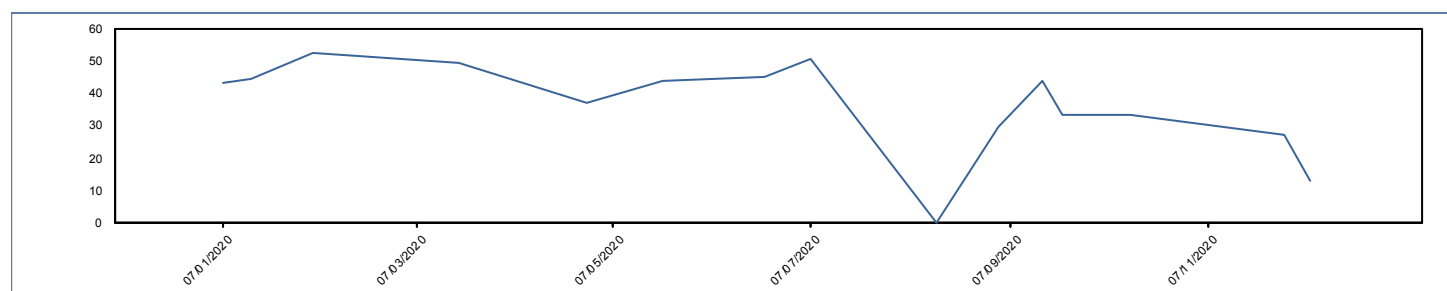
GW56

Number of readings

17

Number of breaches

0



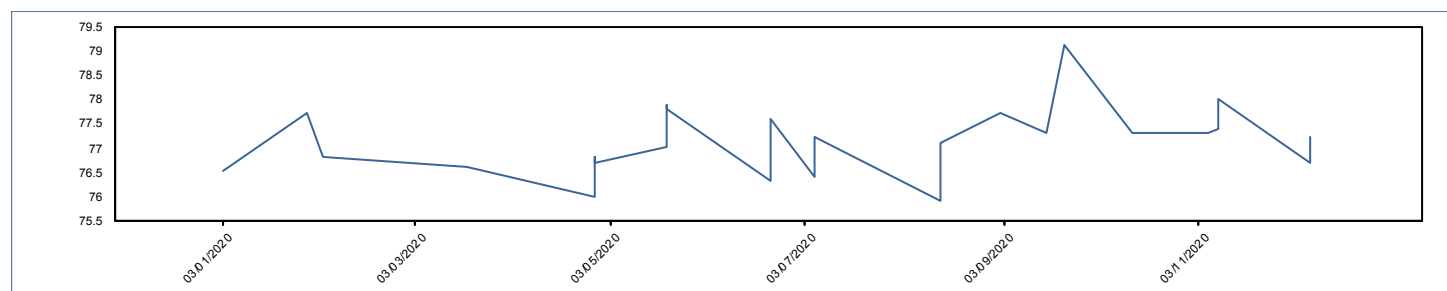
GW57

Number of readings

30

Number of breaches

0



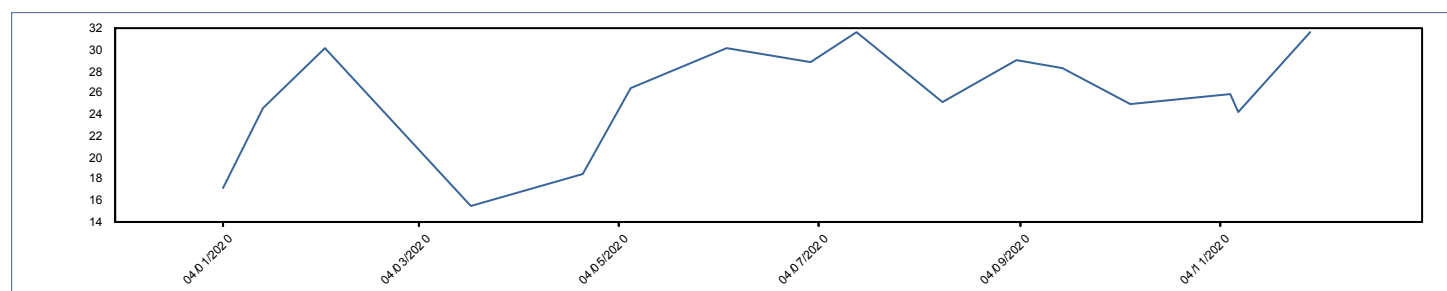
GW88

Number of readings

16

Number of breaches

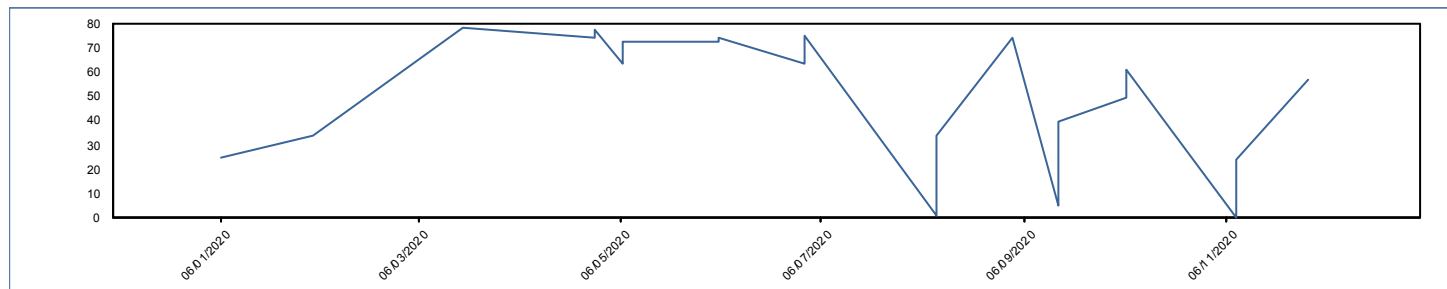
0



Data from: 1 Jan 2020 to: 31 Dec 2020

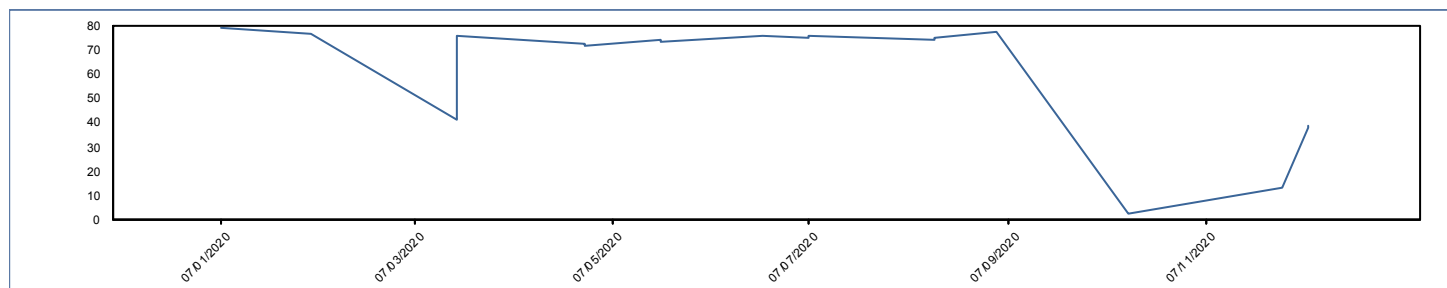
LC005A

Number of readings 29 Number of breaches 0



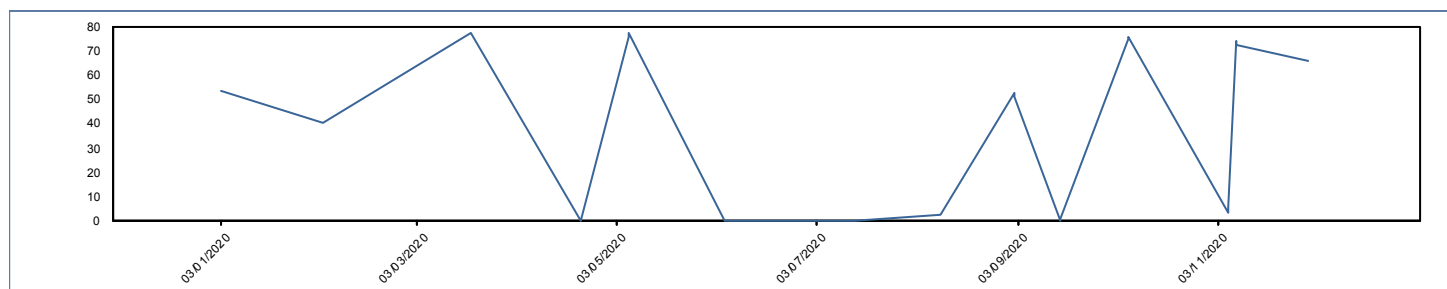
LC01B

Number of readings 24 Number of breaches 0



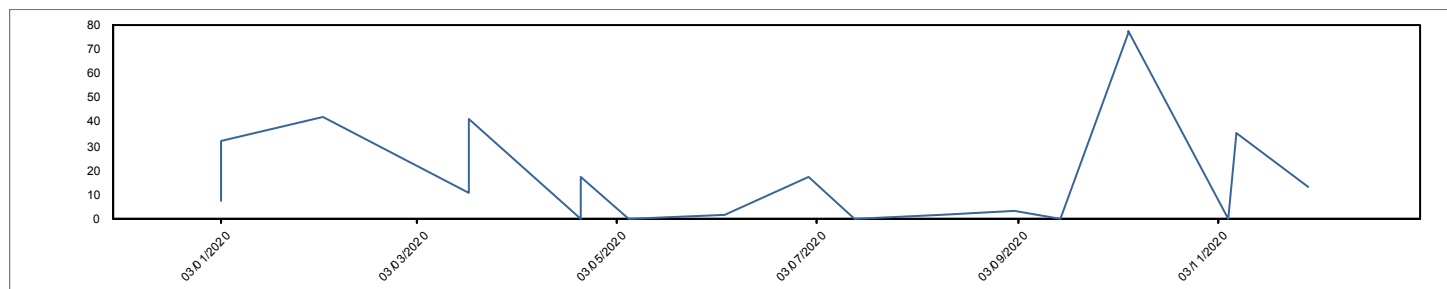
LM04B

Number of readings 28 Number of breaches 0



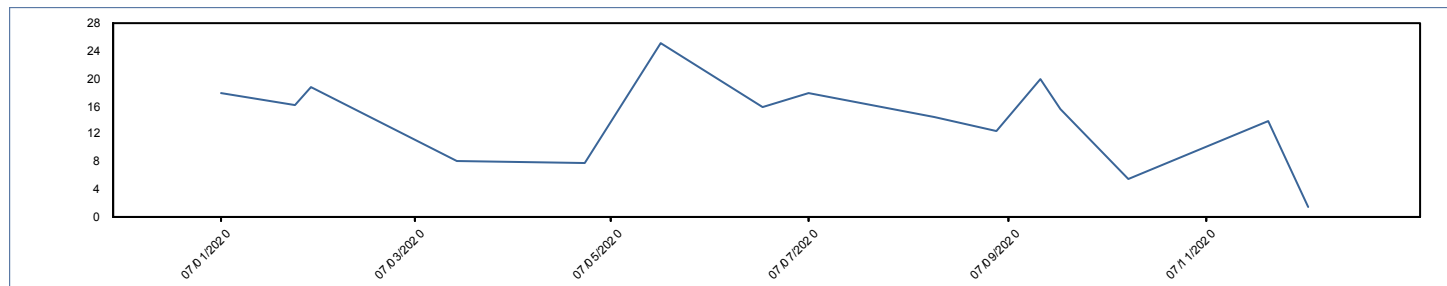
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

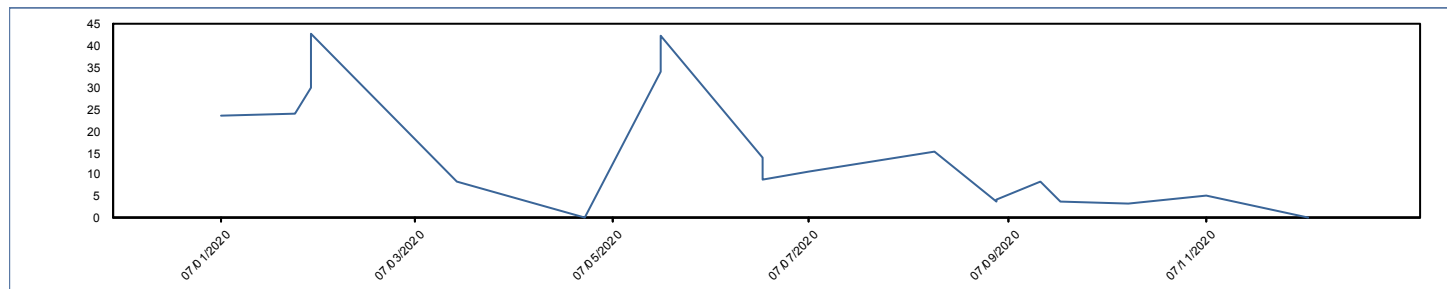
PBLFGXGW03

Number of readings

19

Number of breaches

0



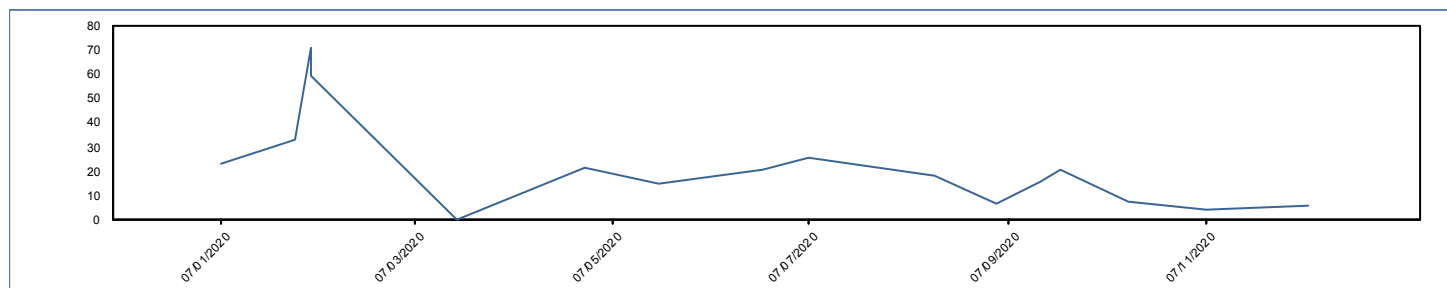
PBLFGXGW07

Number of readings

17

Number of breaches

0



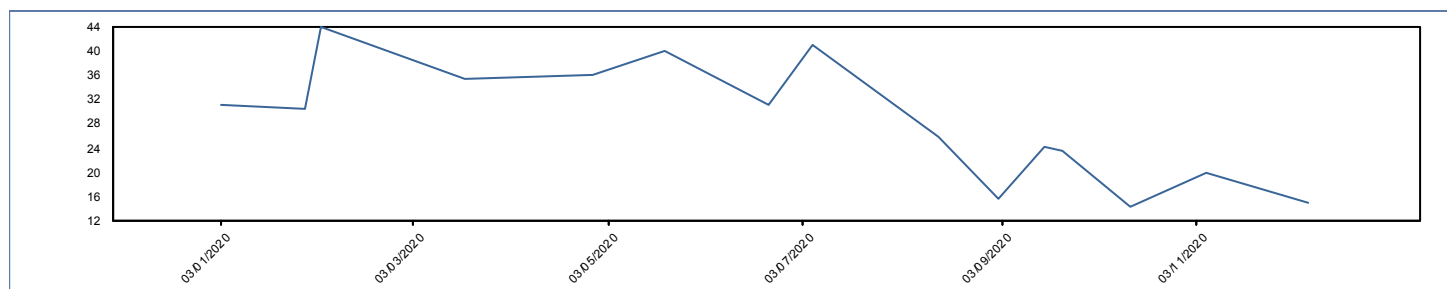
PBLFGXGW18

Number of readings

15

Number of breaches

0



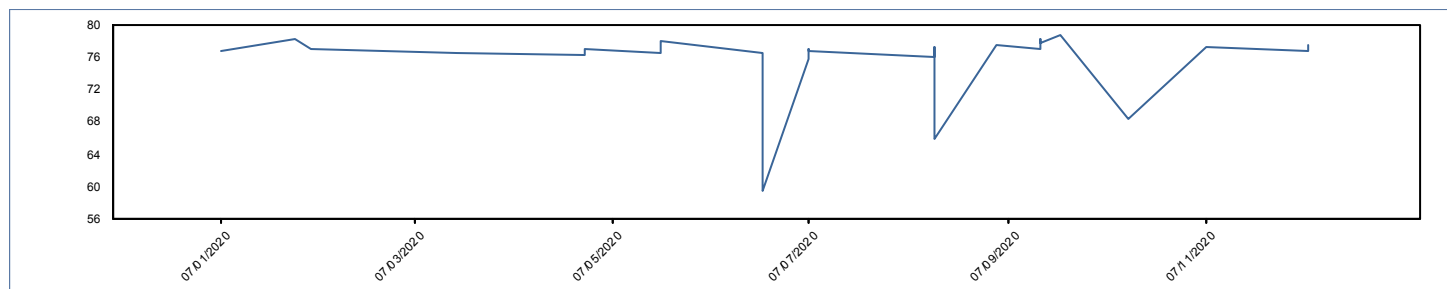
PBLFGXGW28

Number of readings

29

Number of breaches

0



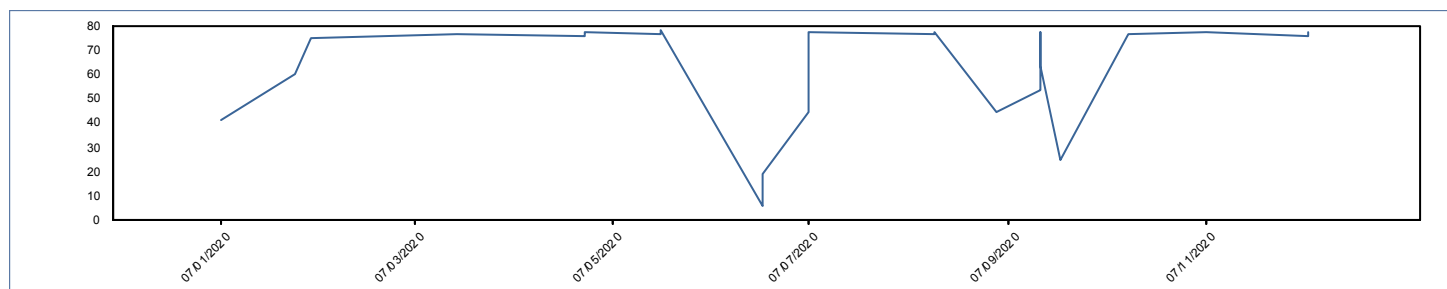
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

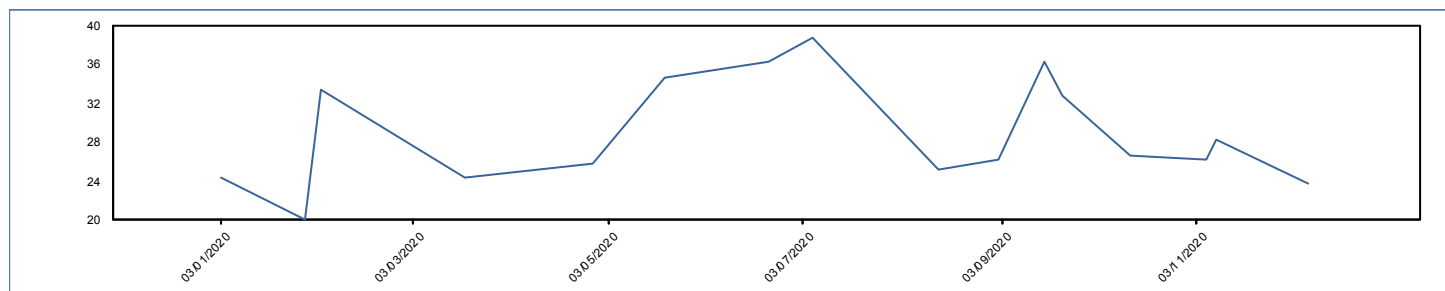
PBLFGXGW30

Number of readings

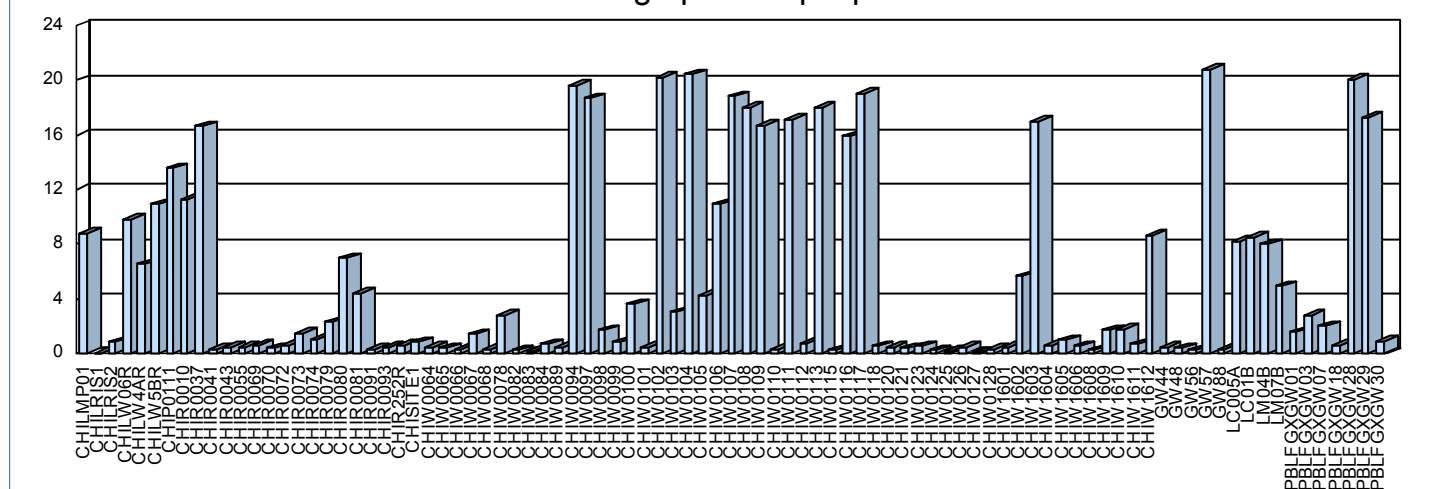
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.90	20.90	8.78	122.90	7.24	52.47	20.90
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	0.00	3.10	0.80	4.00	1.17	1.36	3.10
CHILW06R	28	0	0.10	20.90	9.86	276.10	8.39	70.46	20.90
CHILW4AR	27	0	0.00	20.50	6.55	176.80	7.95	63.14	20.40
CHILW5BR	29	0	0.00	20.90	10.90	316.10	6.14	37.66	20.90
CHIP0111	30	0	0.30	20.90	13.54	406.10	6.74	45.40	20.50
CHIR0010	30	0	0.30	20.60	11.24	337.30	5.57	31.01	19.50
CHIR0037	31	0	10.00	20.40	16.62	515.10	3.46	11.98	20.30
CHIR0041	16	0	0.00	1.40	0.31	4.90	0.34	0.12	1.40
CHIR0043	15	0	0.00	3.50	0.49	7.40	0.85	0.72	3.50
CHIR0055	15	0	0.00	2.70	0.43	6.50	0.68	0.46	2.70
CHIR0069	15	0	0.00	1.60	0.61	9.20	0.48	0.23	1.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	0.00	1.30	0.37	5.60	0.33	0.11	1.30
CHIR0072	16	0	0.00	2.20	0.59	9.50	0.57	0.33	2.20
CHIR0073	18	0	0.00	5.60	1.49	26.90	1.94	3.76	5.60
CHIR0074	15	0	0.10	2.60	1.01	15.20	0.75	0.56	2.60
CHIR0079	15	0	0.50	3.10	2.28	34.20	0.85	0.73	3.10
CHIR0080	23	0	0.00	18.20	7.00	160.90	7.48	55.97	18.20
CHIR0081	35	0	0.00	16.60	4.41	154.20	5.81	33.72	16.60
CHIR0091	17	0	0.00	1.40	0.28	4.70	0.34	0.12	1.40
CHIR0093	17	0	0.00	2.20	0.48	8.10	0.55	0.30	2.20
CHIR252R	14	0	0.10	1.60	0.60	8.40	0.45	0.20	1.60
CHISITE1	57	0	0.30	1.90	0.85	48.50	0.32	0.10	1.65
CHIW0064	15	0	0.00	3.40	0.42	6.30	0.83	0.69	3.40
CHIW0065	14	0	0.00	2.00	0.39	5.40	0.56	0.32	2.00
CHIW0066	16	0	0.00	1.90	0.27	4.30	0.46	0.21	1.90
CHIW0067	37	0	0.00	4.20	1.43	52.80	1.20	1.44	4.20
CHIW0068	16	0	0.00	1.20	0.35	5.60	0.30	0.09	1.20
CHIW0078	20	0	0.00	10.70	2.79	55.80	3.52	12.42	10.05
CHIW0082	19	0	0.00	1.00	0.24	4.50	0.32	0.10	1.00
CHIW0083	16	0	0.00	0.60	0.20	3.20	0.18	0.03	0.60
CHIW0084	14	0	0.00	3.10	0.69	9.60	0.86	0.74	3.10
CHIW0089	16	0	0.00	3.90	0.48	7.70	0.94	0.89	3.90
CHIW0094	34	0	17.20	20.90	19.65	668.10	0.89	0.79	20.90
CHIW0097	34	0	10.00	20.90	18.65	634.10	1.89	3.56	20.80
CHIW0098	16	0	0.30	2.90	1.72	27.50	0.77	0.59	2.90
CHIW0099	16	0	0.00	10.50	0.84	13.50	2.51	6.30	10.50
CHIW0100	22	0	0.10	11.50	3.57	78.60	3.43	11.77	11.50
CHIW0101	16	0	0.00	1.60	0.43	6.90	0.45	0.20	1.60
CHIW0102	39	0	19.20	20.90	20.21	788.30	0.52	0.27	20.90
CHIW0103	24	0	0.00	20.90	3.01	72.30	6.80	46.21	20.90

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	18.00	20.90	20.41	612.40	0.75	0.56	20.90
CHIW0105	24	0	0.10	10.70	4.30	103.20	3.15	9.90	10.00
CHIW0106	26	0	0.30	20.80	10.92	283.80	8.50	72.25	20.75
CHIW0107	25	0	0.90	20.90	18.82	470.50	4.66	21.68	20.90
CHIW0108	25	0	9.60	20.90	18.01	450.20	3.06	9.38	20.90
CHIW0109	25	0	6.50	20.90	16.70	417.40	4.20	17.67	20.90
CHIW0110	15	0	0.00	1.00	0.27	4.10	0.26	0.07	1.00
CHIW0111	28	0	10.10	19.50	17.16	480.50	1.71	2.92	19.10
CHIW0112	15	0	0.20	2.10	0.77	11.50	0.46	0.21	2.10
CHIW0113	20	0	15.40	20.40	18.03	360.50	1.75	3.08	20.20
CHIW0115	16	0	0.00	0.60	0.23	3.60	0.16	0.03	0.60
CHIW0116	26	0	14.60	20.10	15.92	413.80	1.19	1.42	19.35
CHIW0117	32	0	17.90	20.10	19.07	610.10	0.64	0.41	20.00
CHIW0118	16	0	0.00	1.90	0.53	8.50	0.51	0.26	1.90
CHIW0120	14	0	0.00	1.70	0.46	6.50	0.48	0.23	1.70
CHIW0121	15	0	0.00	1.00	0.39	5.80	0.35	0.12	1.00
CHIW0123	18	0	0.00	4.50	0.54	9.80	0.99	0.98	4.50
CHIW0124	17	0	0.00	1.40	0.26	4.50	0.34	0.12	1.40
CHIW0125	20	0	0.00	0.90	0.16	3.20	0.22	0.05	0.70
CHIW0126	17	0	0.00	2.40	0.49	8.40	0.59	0.35	2.40
CHIW0127	15	0	0.00	0.30	0.08	1.20	0.10	0.01	0.30
CHIW0128	19	0	0.00	1.40	0.30	5.70	0.39	0.15	1.40
CHIW1601	15	0	0.00	1.30	0.45	6.80	0.35	0.13	1.30
CHIW1602	25	0	0.00	17.60	5.63	140.70	5.72	32.76	16.50
CHIW1603	8	0	0.20	20.90	16.96	135.70	7.17	51.35	20.90
CHIW1604	17	0	0.20	1.60	0.64	10.90	0.35	0.12	1.60
CHIW1605	16	0	0.50	2.00	0.98	15.60	0.34	0.12	2.00
CHIW1606	16	0	0.10	1.80	0.53	8.50	0.50	0.25	1.80
CHIW1608	15	0	0.00	0.60	0.21	3.20	0.21	0.04	0.60

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	0.00	5.90	1.71	34.20	2.16	4.65	5.90
CHIW1610	15	0	0.00	4.20	1.78	26.70	1.03	1.06	4.20
CHIW1611	16	0	0.10	1.90	0.68	10.80	0.38	0.15	1.90
CHIW1612	24	0	0.00	19.10	8.66	207.80	6.67	44.42	19.00
GW44	14	0	0.00	2.00	0.41	5.80	0.67	0.45	2.00
GW48	16	0	0.00	1.80	0.38	6.00	0.45	0.20	1.80
GW56	17	0	0.00	1.60	0.26	4.50	0.45	0.20	1.60
GW57	30	0	20.00	20.90	20.76	622.70	0.25	0.06	20.90
GW88	16	0	0.00	1.50	0.32	5.10	0.40	0.16	1.50
LC005A	29	0	0.00	20.90	8.19	237.60	6.13	37.57	20.60
LC01B	24	0	0.10	18.80	8.47	203.20	4.24	17.94	15.50
LM04B	28	0	0.00	20.70	8.00	223.90	8.36	69.92	20.50
LM07B	25	0	0.00	20.60	4.94	123.40	5.69	32.39	20.40
PBLFGXGW01	15	0	0.00	4.90	1.55	23.20	1.36	1.86	4.90
PBLFGXGW03	19	0	0.30	11.20	2.81	53.30	3.17	10.04	11.20
PBLFGXGW07	17	0	0.00	17.70	1.99	33.90	4.64	21.52	17.70
PBLFGXGW18	15	0	0.00	2.50	0.57	8.50	0.67	0.45	2.50
PBLFGXGW28	29	0	13.40	20.90	20.03	580.90	1.90	3.60	20.90
PBLFGXGW29	28	0	0.00	20.90	17.24	482.70	5.89	34.75	20.90
PBLFGXGW30	16	0	0.00	3.50	0.93	14.80	0.89	0.79	3.50
Total	1,865	0	0.00	20.90	6.76	12,608.70	8.24	67.94	20.90

Data from: 1 Jan 2020 to: 31 Dec 2020

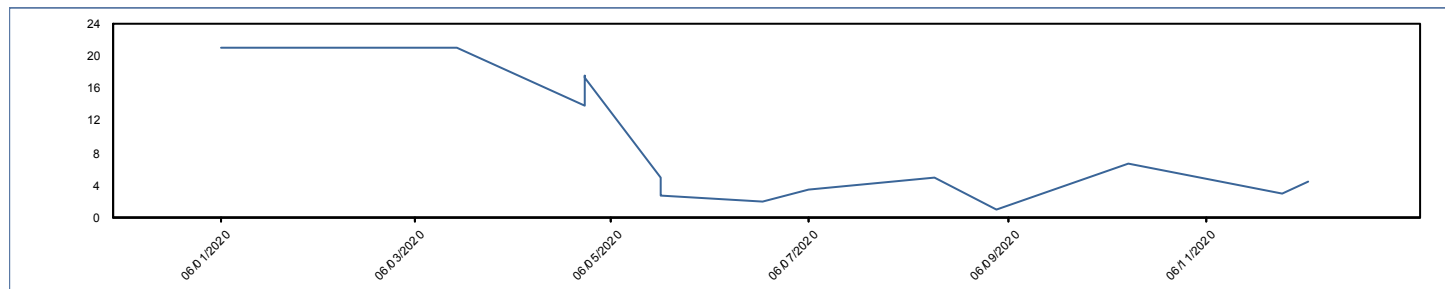
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



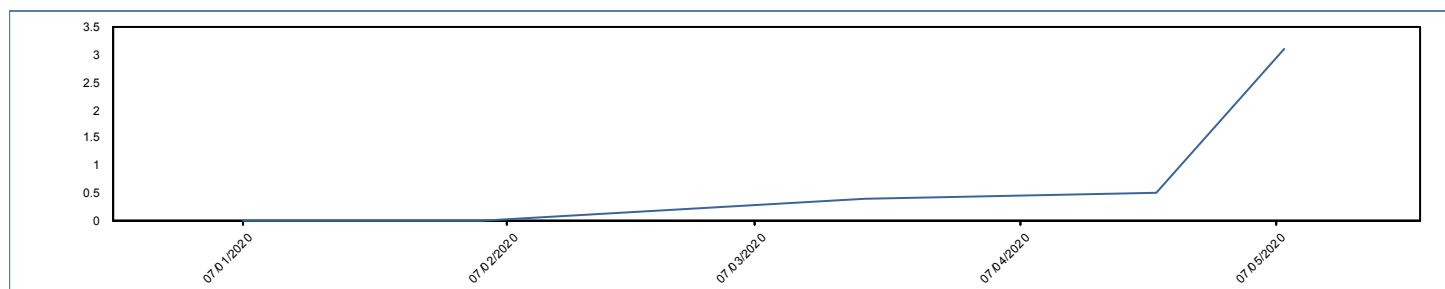
CHILRIS2

Number of readings

5

Number of breaches

0



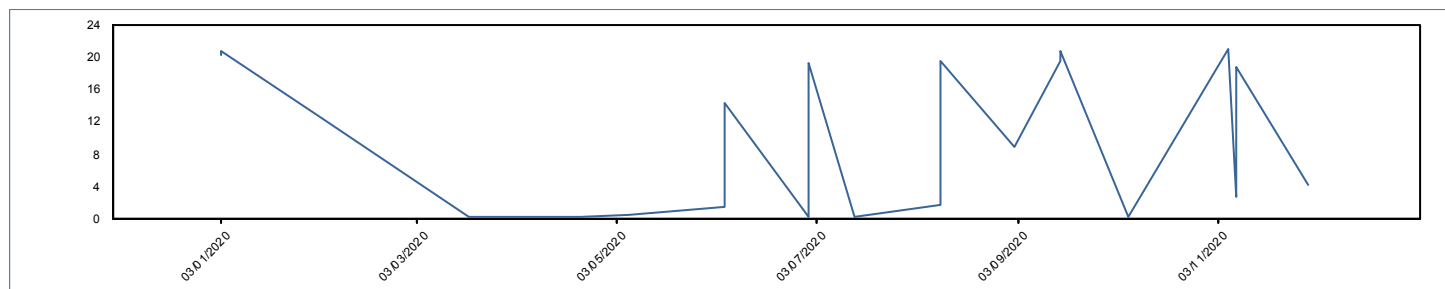
CHILW06R

Number of readings

28

Number of breaches

0



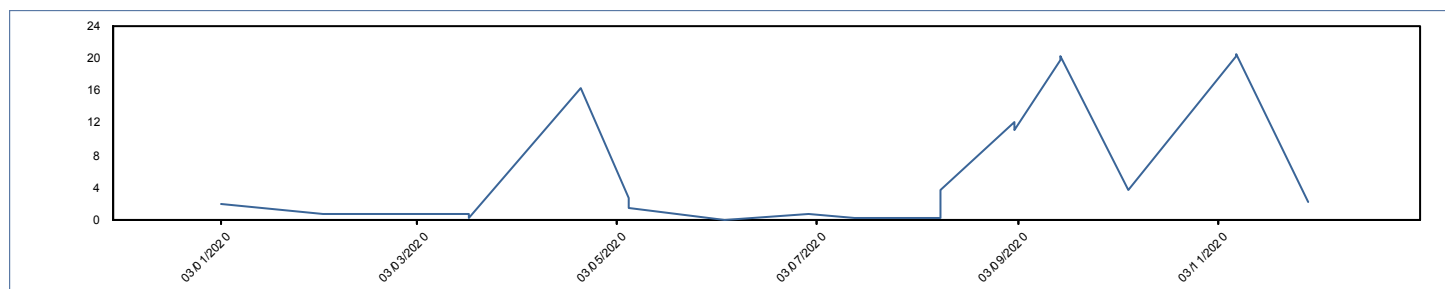
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

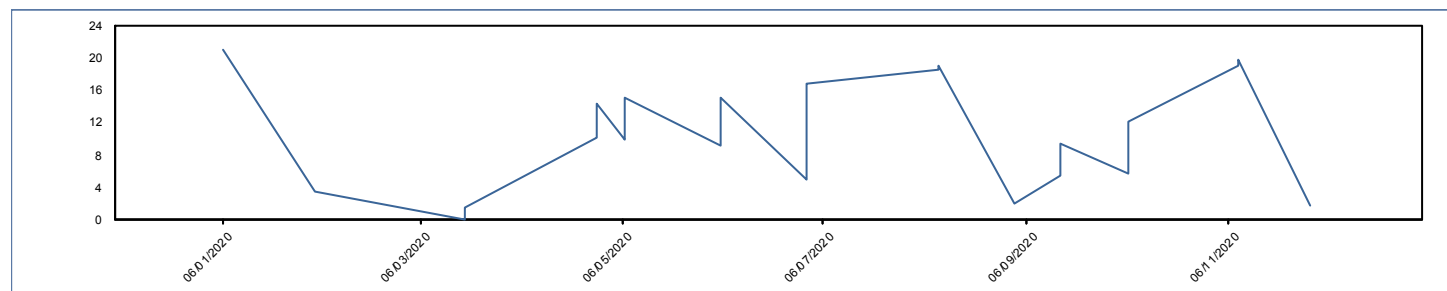
CHILW5BR

Number of readings

29

Number of breaches

0



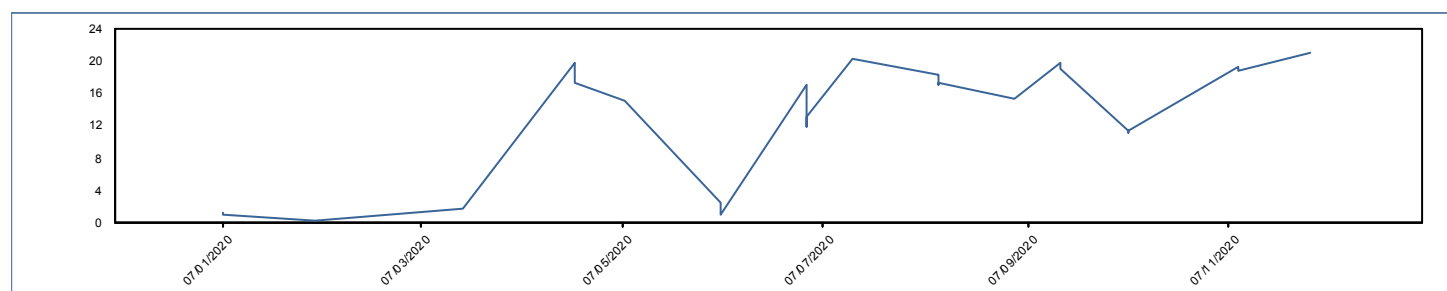
CHIP0111

Number of readings

30

Number of breaches

0



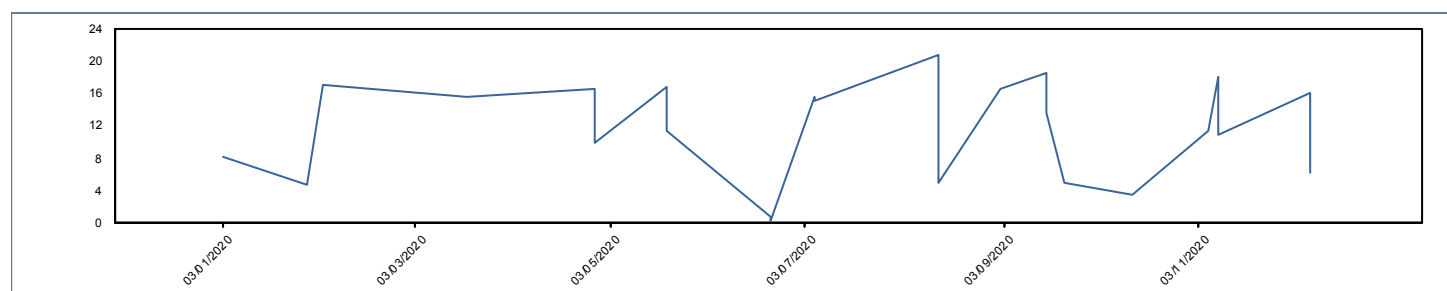
CHIR0010

Number of readings

30

Number of breaches

0



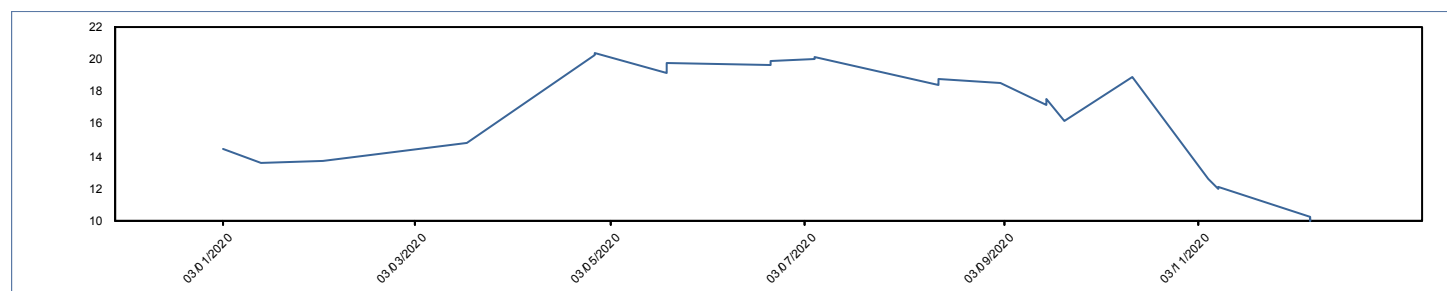
CHIR0037

Number of readings

31

Number of breaches

0



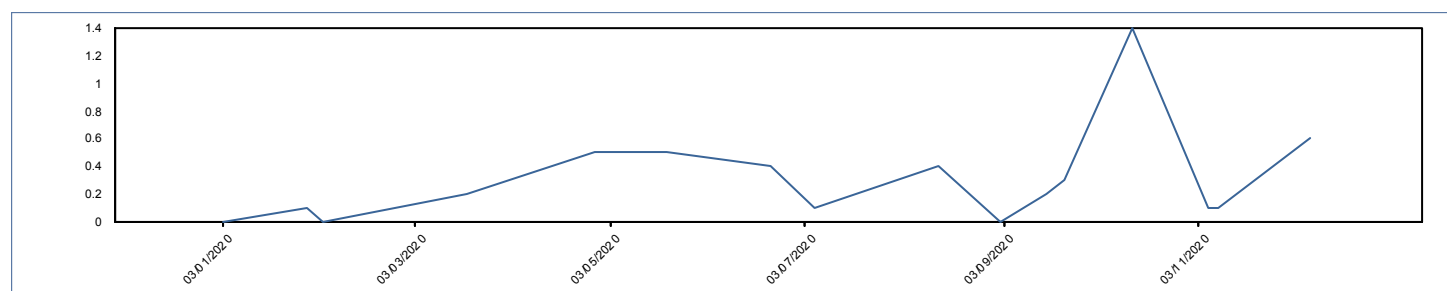
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

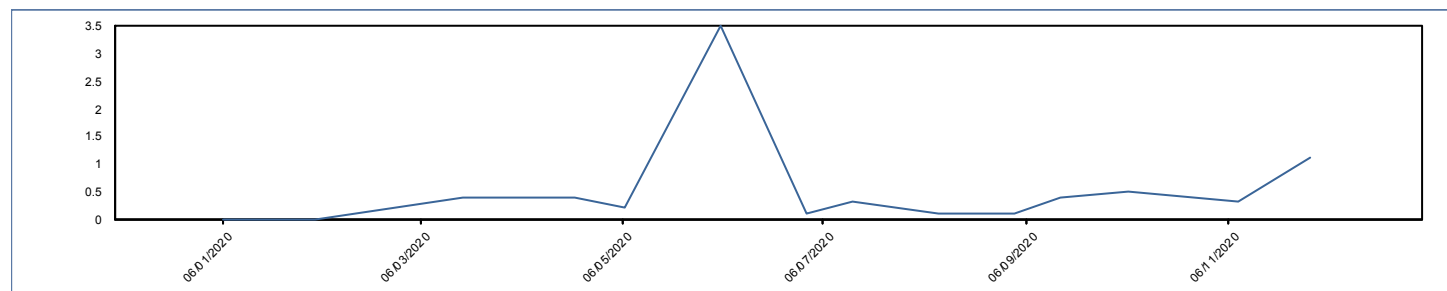
CHIR0043

Number of readings

15

Number of breaches

0



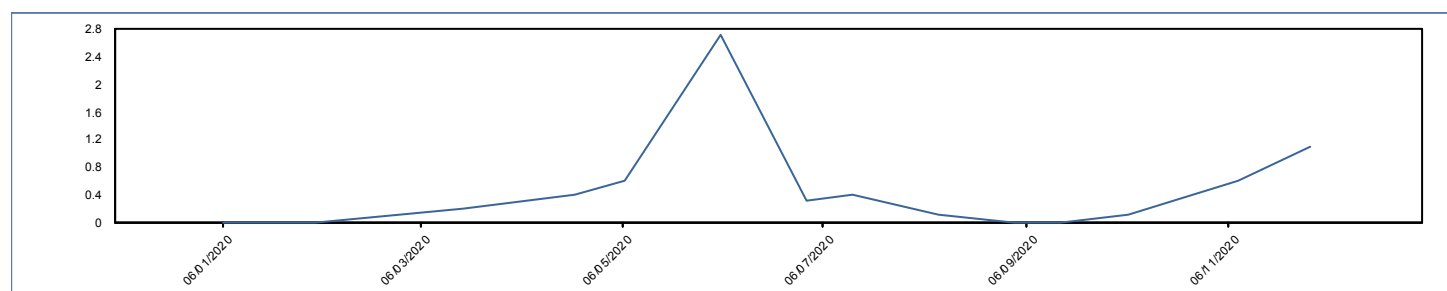
CHIR0055

Number of readings

15

Number of breaches

0



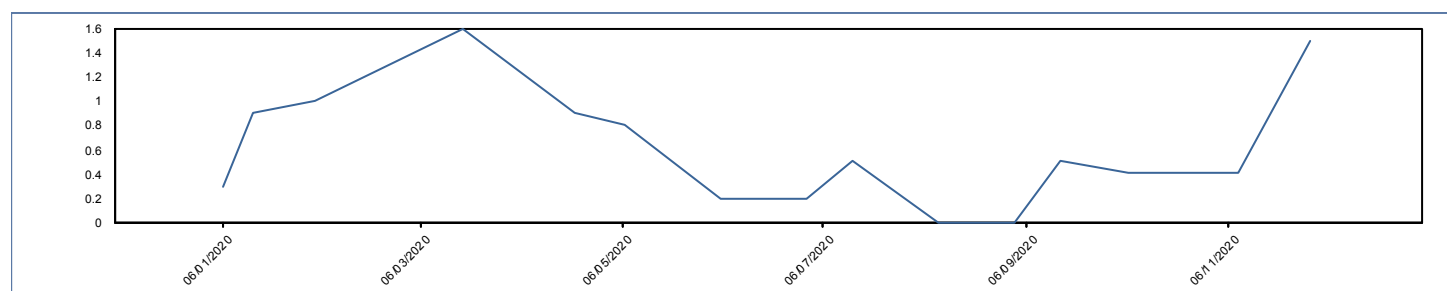
CHIR0069

Number of readings

15

Number of breaches

0



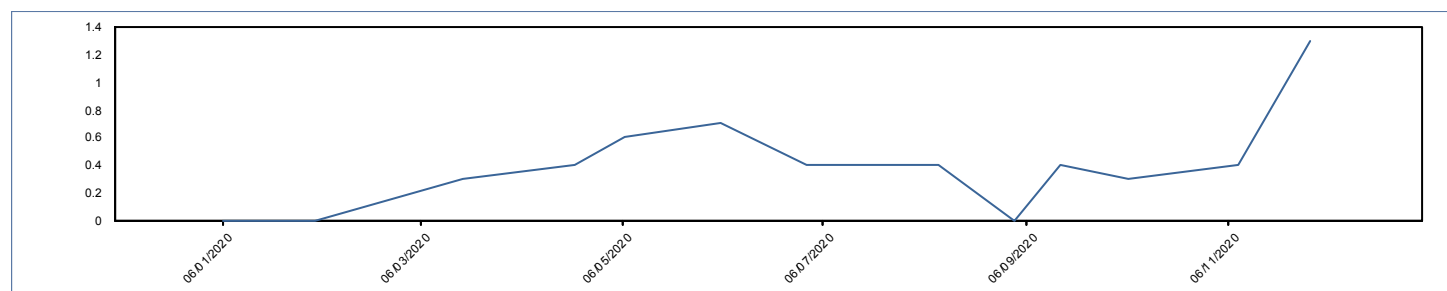
CHIR0070

Number of readings

15

Number of breaches

0



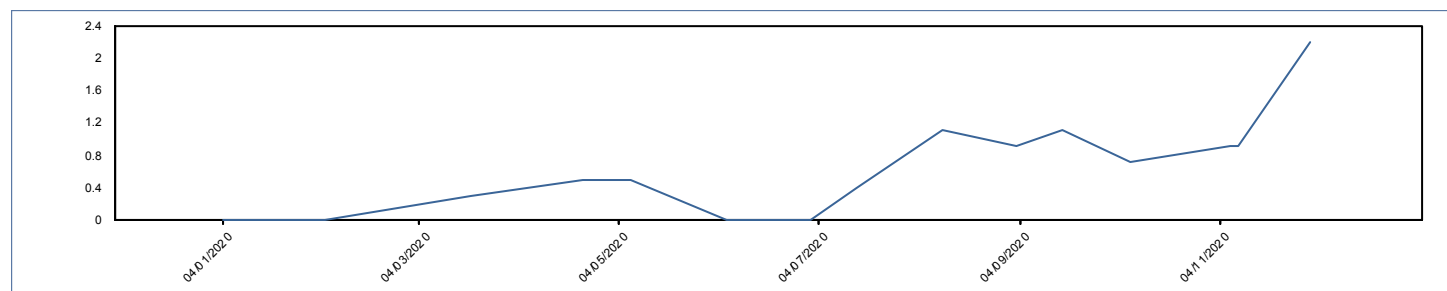
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

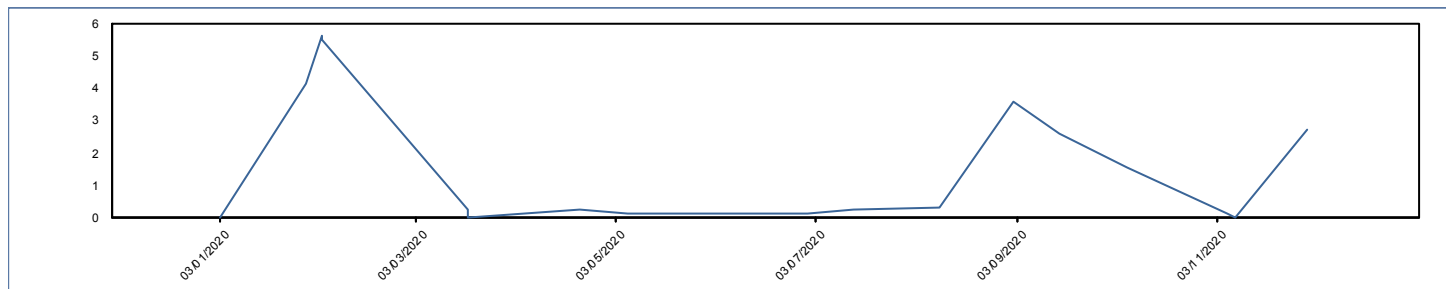
CHIR0073

Number of readings

18

Number of breaches

0



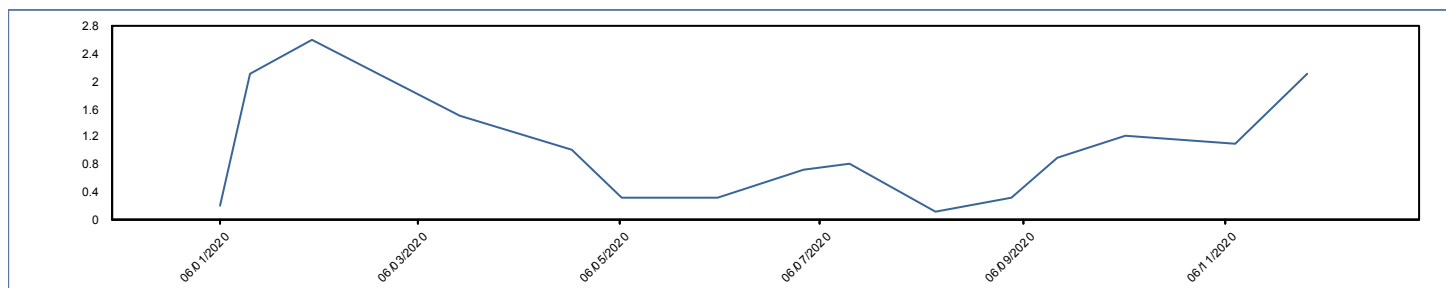
CHIR0074

Number of readings

15

Number of breaches

0



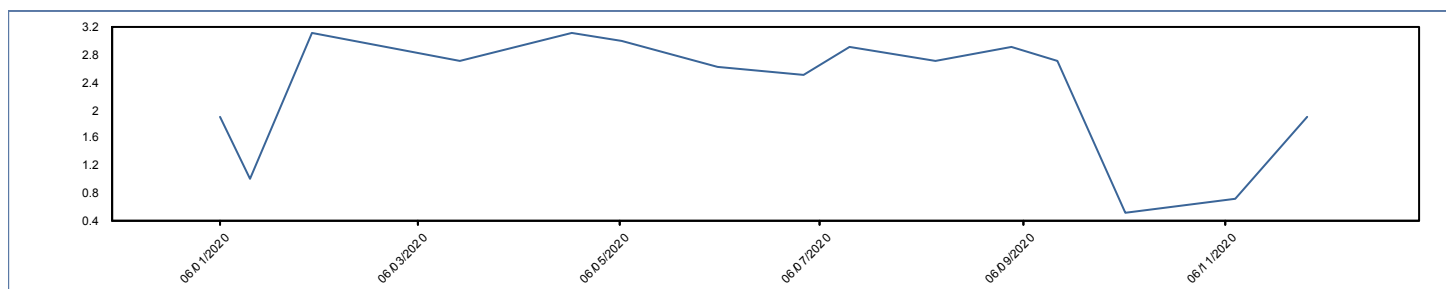
CHIR0079

Number of readings

15

Number of breaches

0



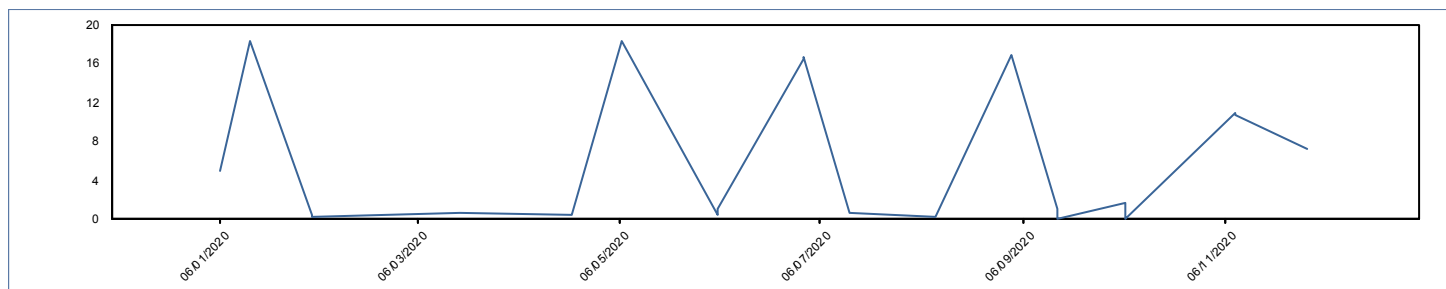
CHIR0080

Number of readings

23

Number of breaches

0



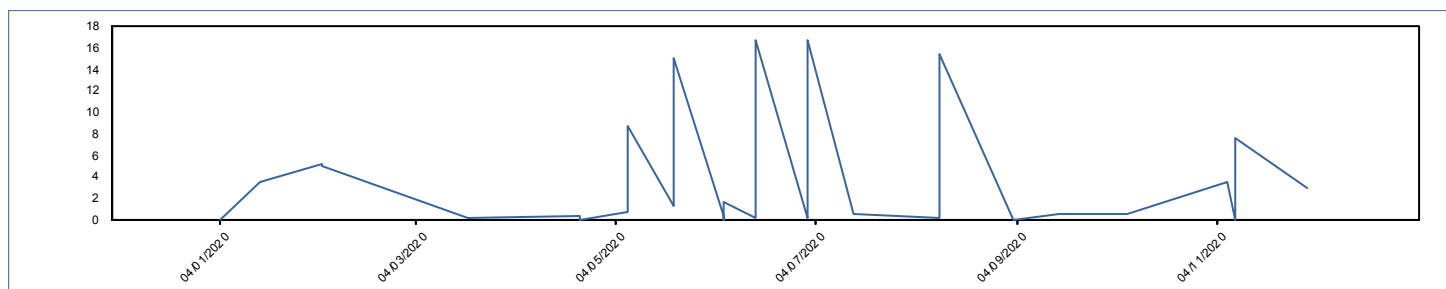
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

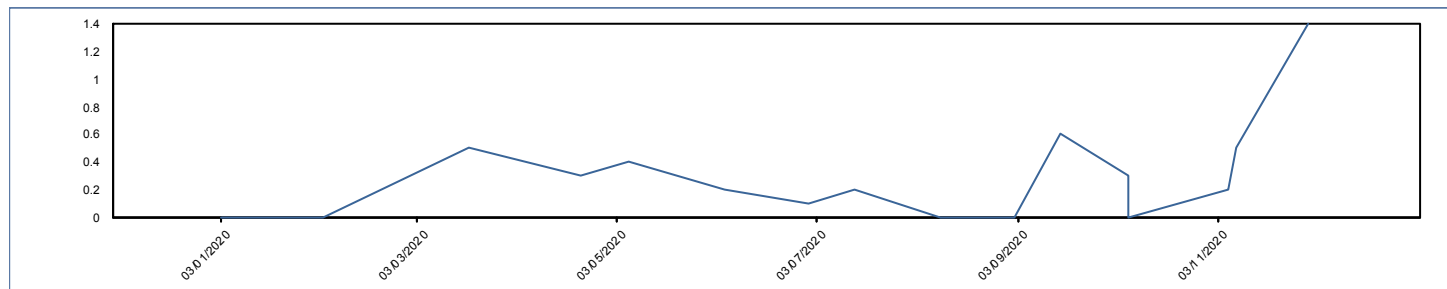
CHIR0091

Number of readings

17

Number of breaches

0



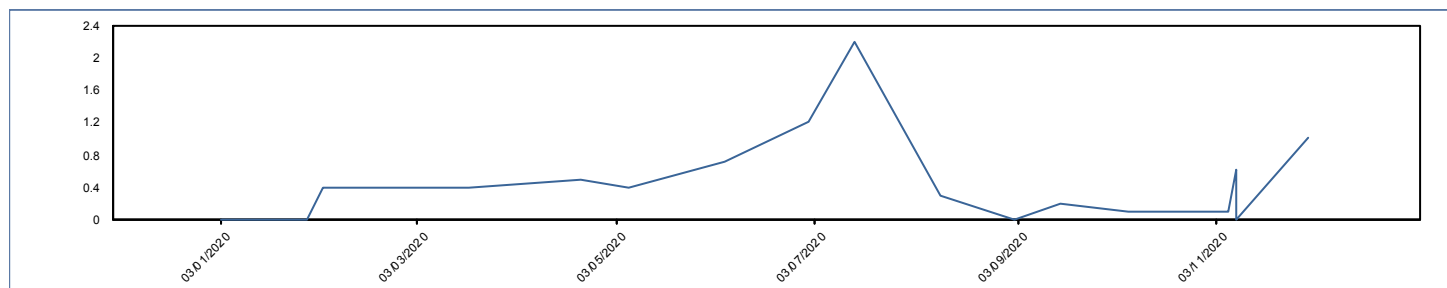
CHIR0093

Number of readings

17

Number of breaches

0



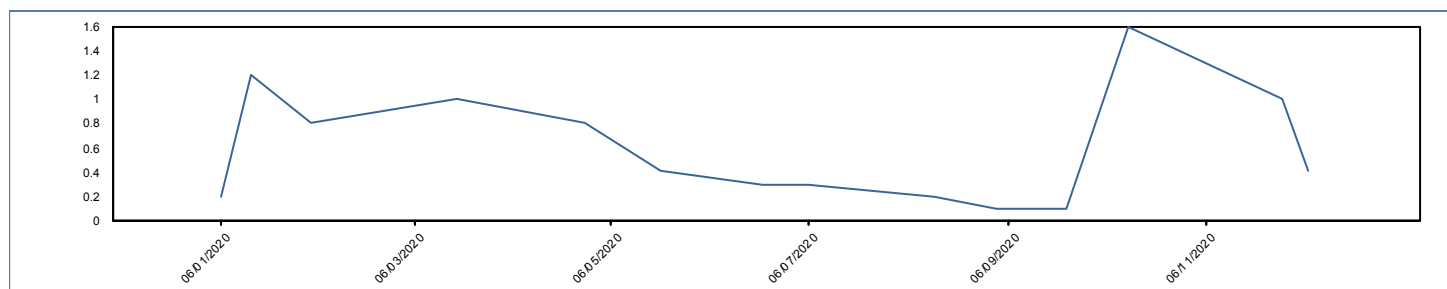
CHIR252R

Number of readings

14

Number of breaches

0



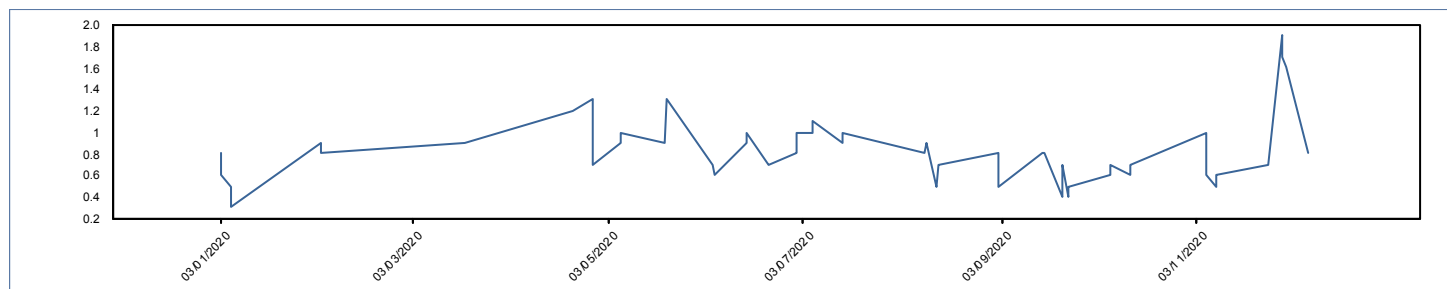
CHISITE1

Number of readings

57

Number of breaches

0



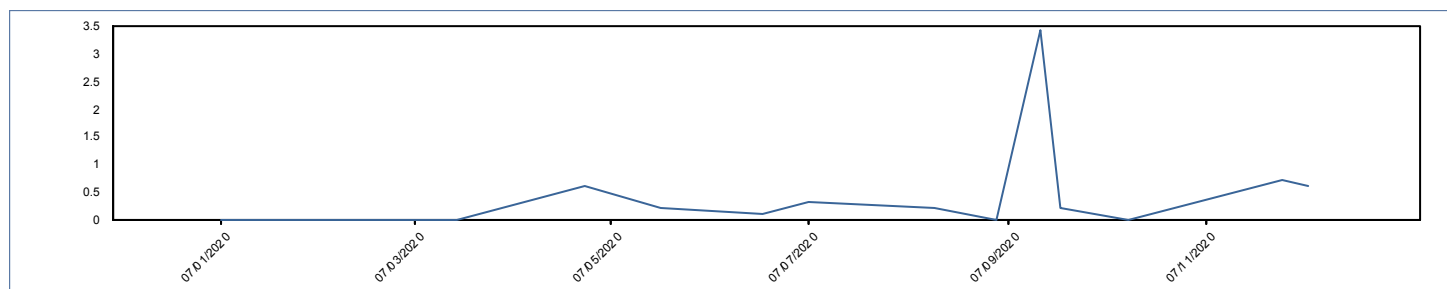
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

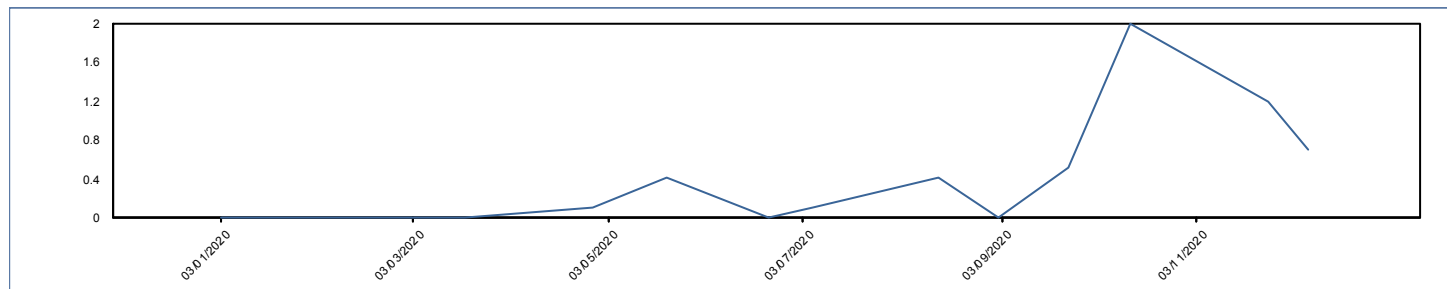
CHIW0065

Number of readings

14

Number of breaches

0



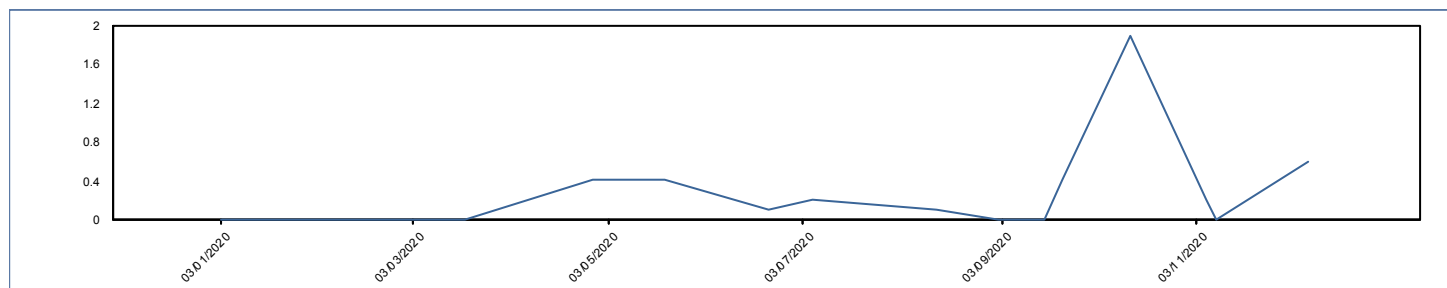
CHIW0066

Number of readings

16

Number of breaches

0



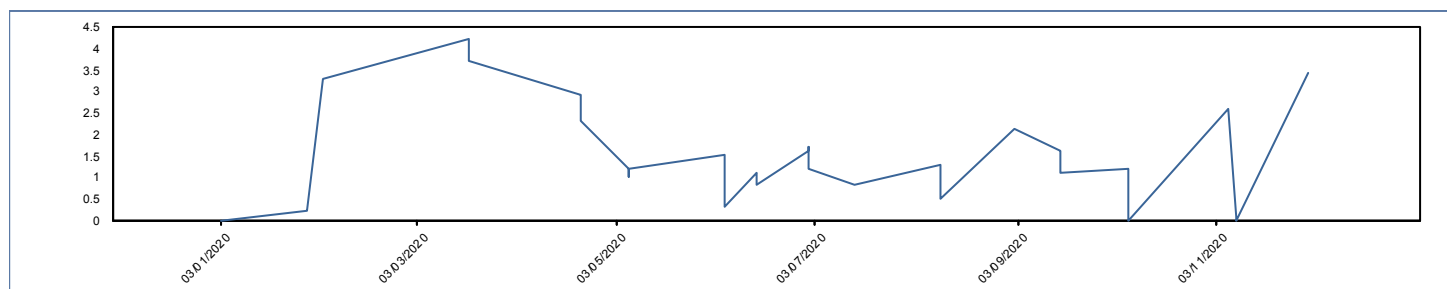
CHIW0067

Number of readings

37

Number of breaches

0



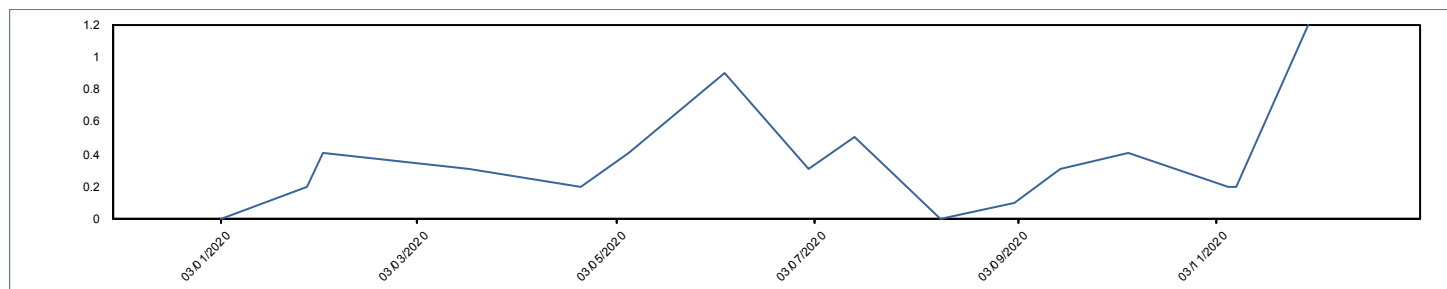
CHIW0068

Number of readings

16

Number of breaches

0



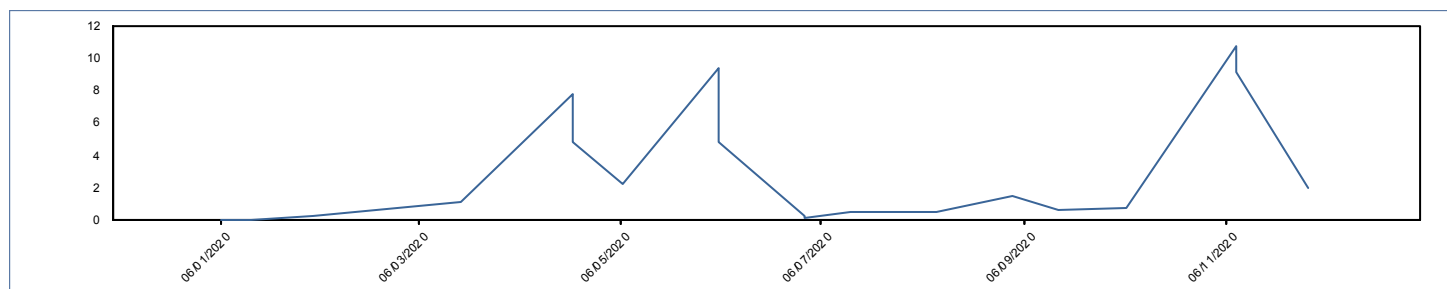
CHIW0078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

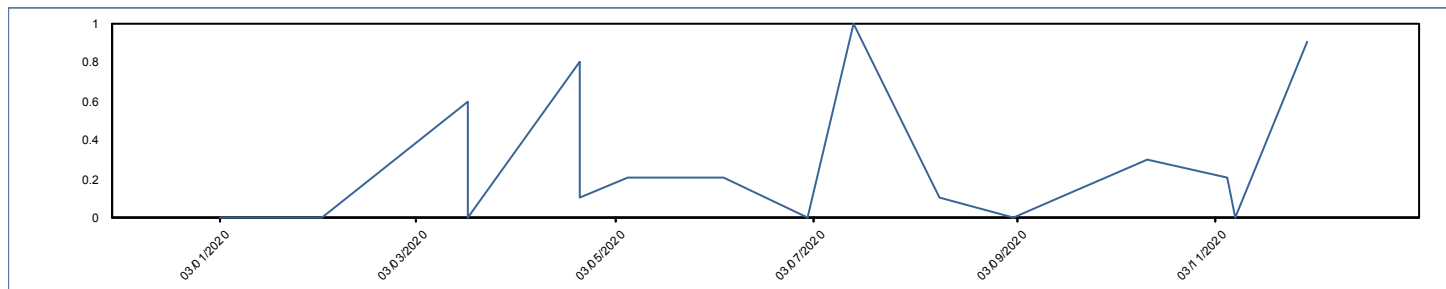
CHI0082

Number of readings

19

Number of breaches

0



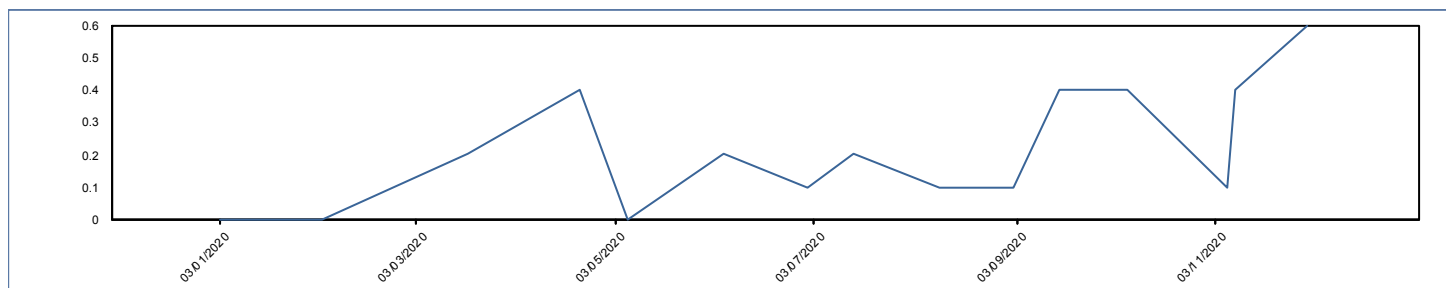
CHI0083

Number of readings

16

Number of breaches

0



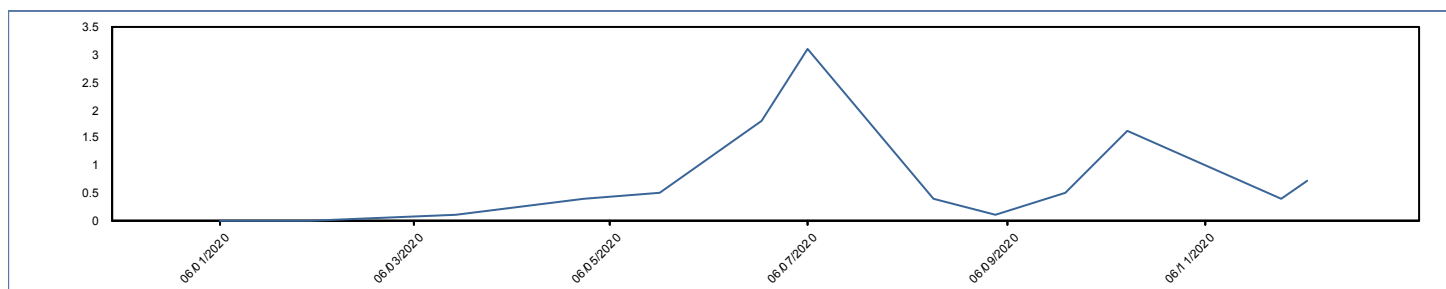
CHI0084

Number of readings

14

Number of breaches

0



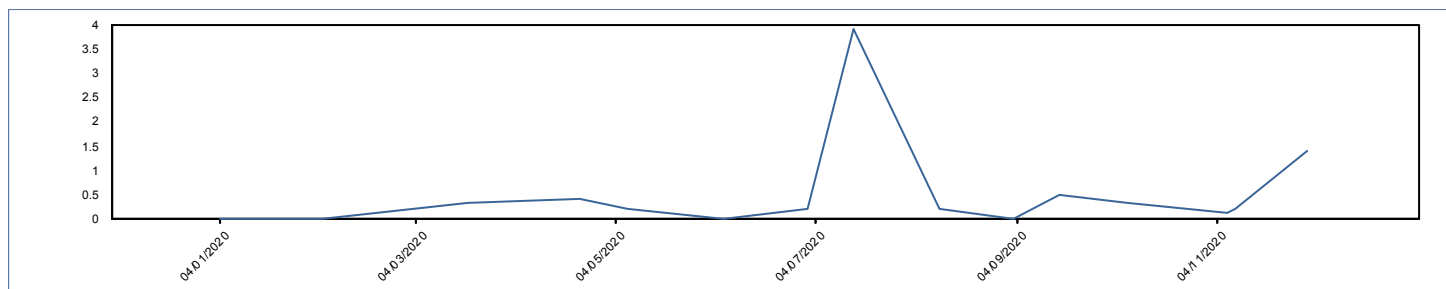
CHI0089

Number of readings

16

Number of breaches

0



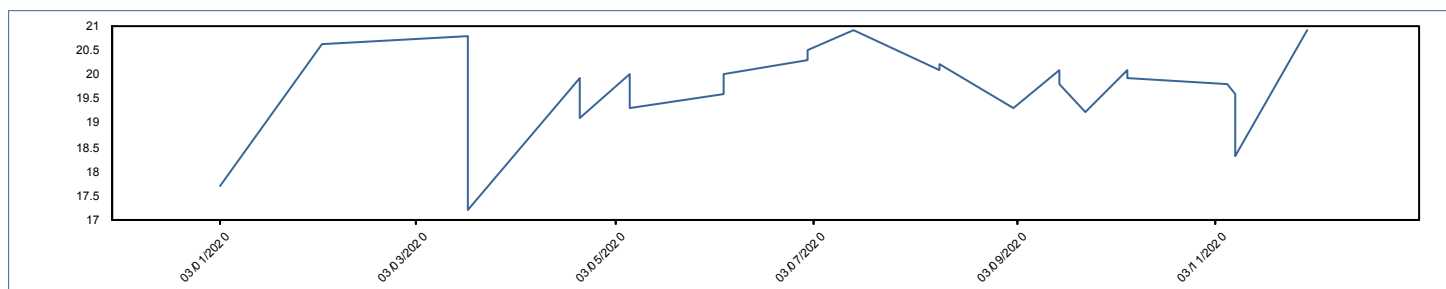
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

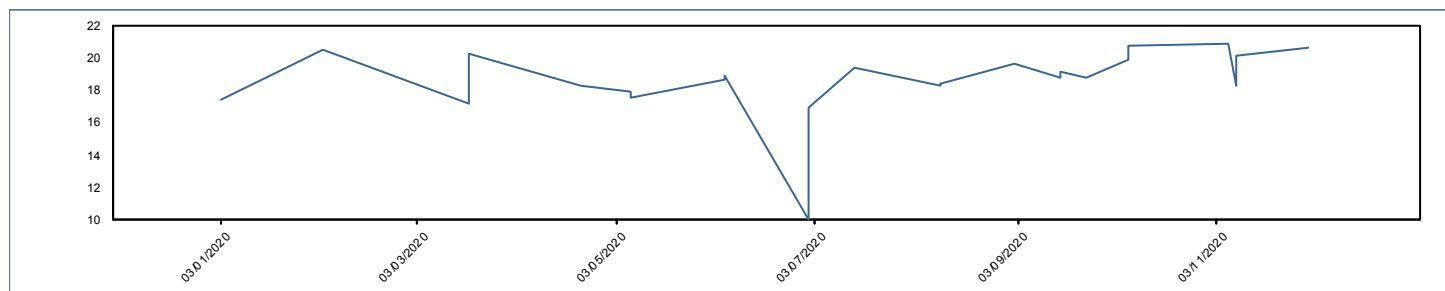
CHIW0097

Number of readings

34

Number of breaches

0



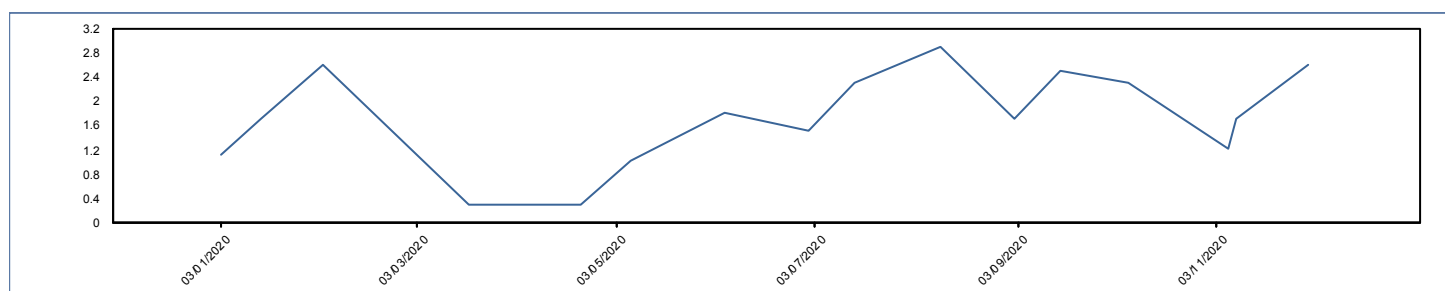
CHIW0098

Number of readings

16

Number of breaches

0



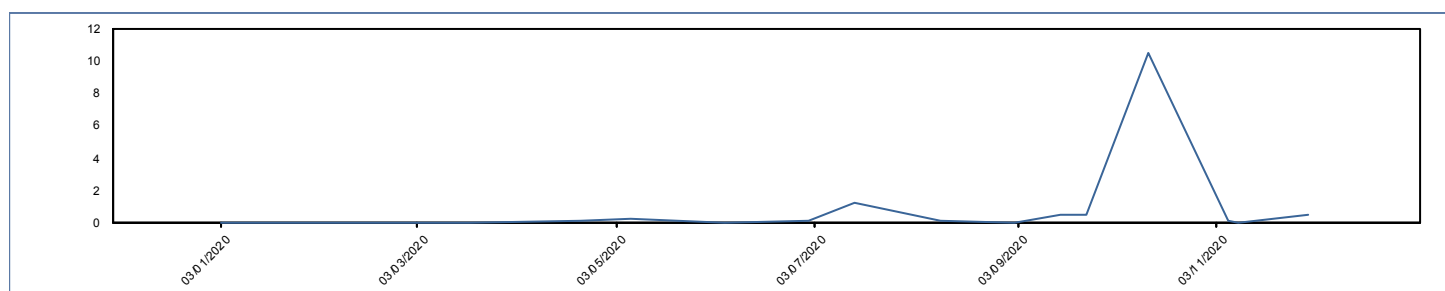
CHIW0099

Number of readings

16

Number of breaches

0



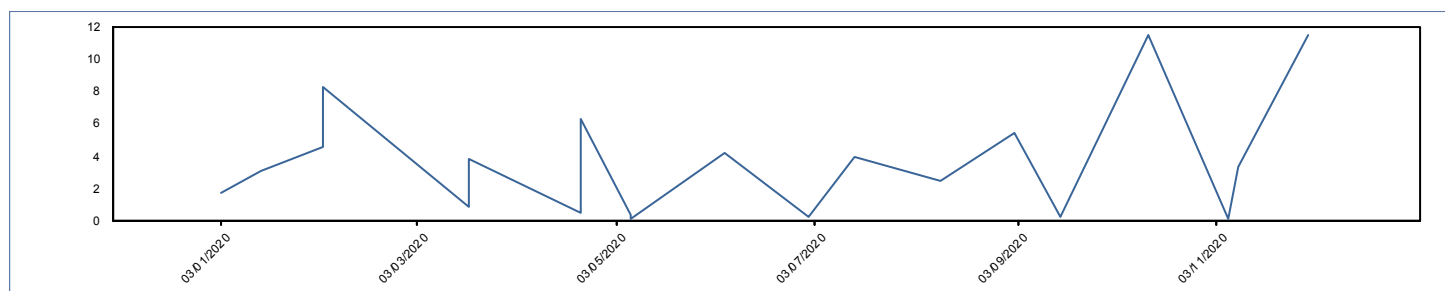
CHIW0100

Number of readings

22

Number of breaches

0



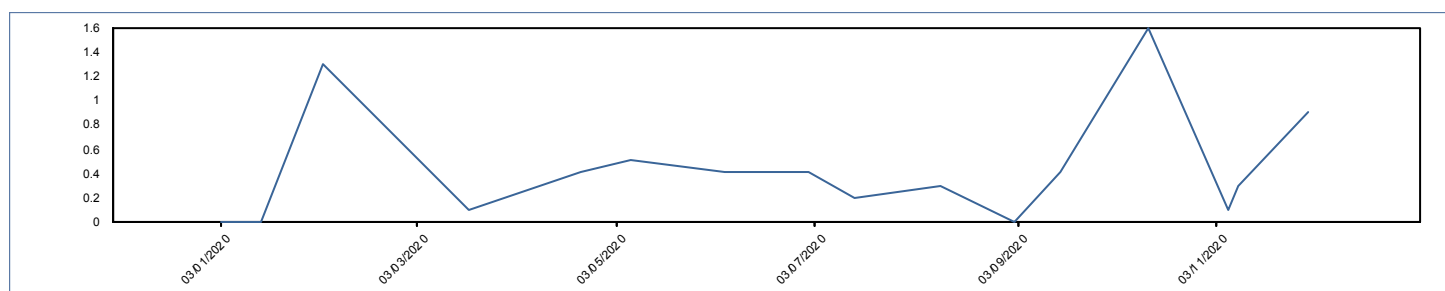
CHIW0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

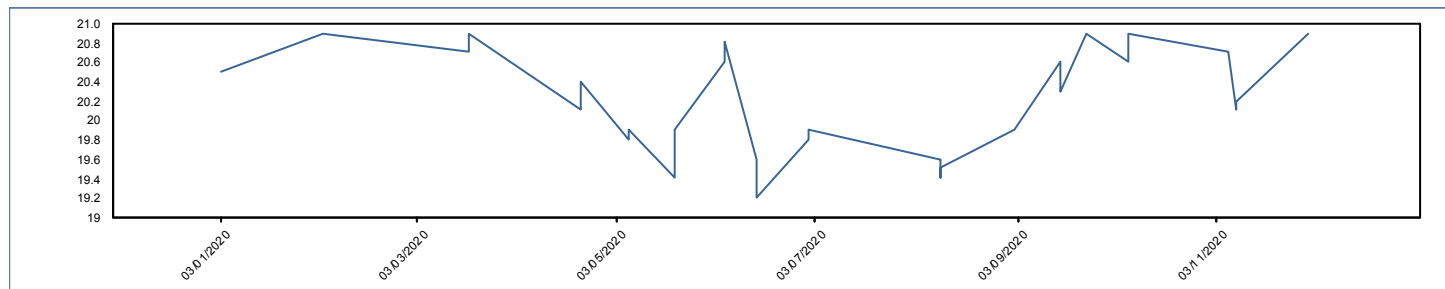
CHI0102

Number of readings

39

Number of breaches

0



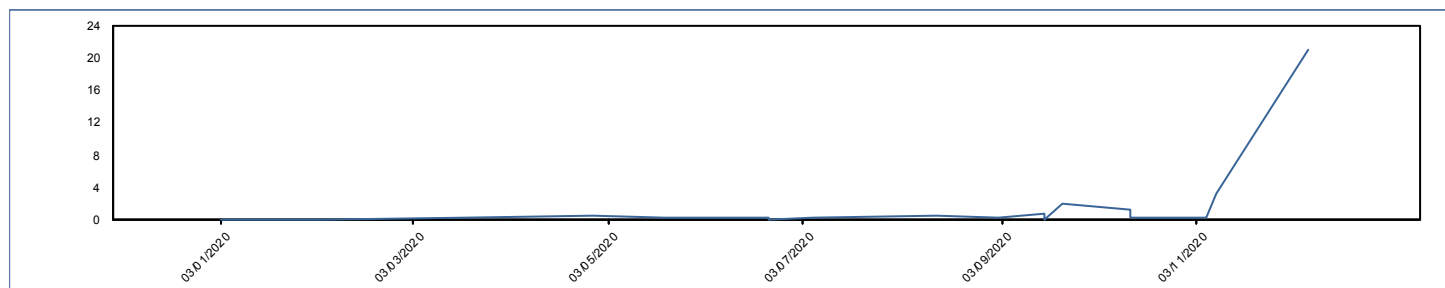
CHI0103

Number of readings

24

Number of breaches

0



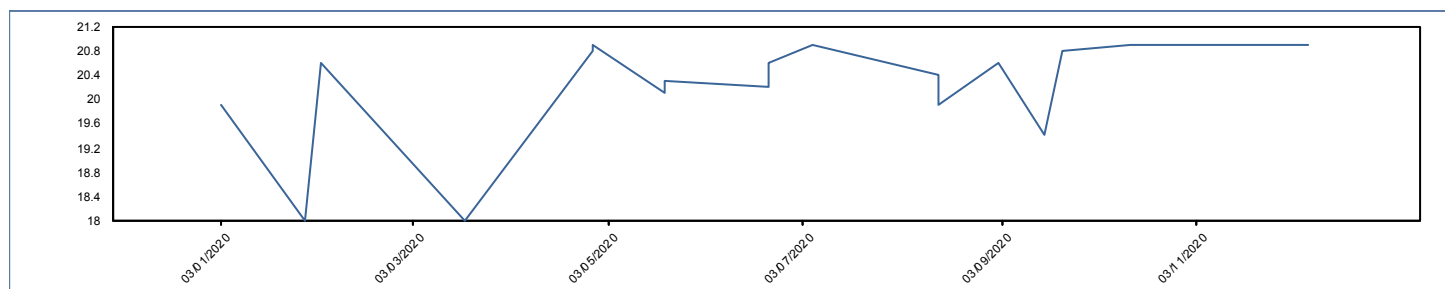
CHI0104

Number of readings

30

Number of breaches

0



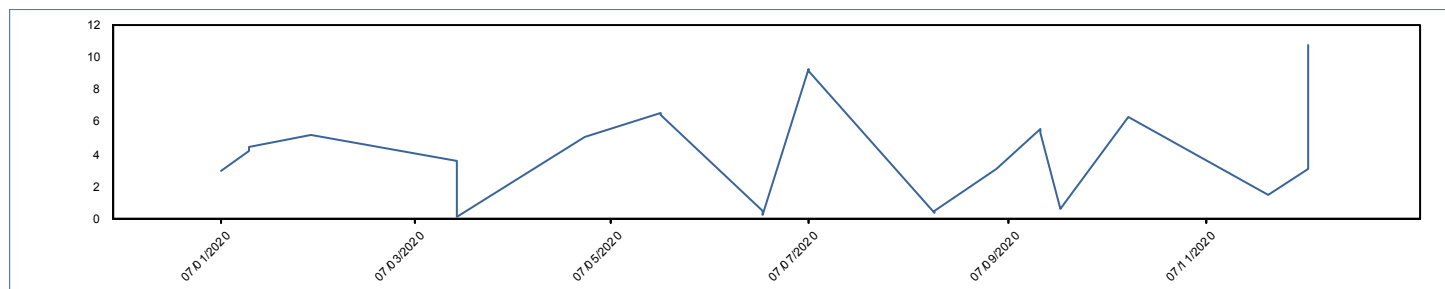
CHI0105

Number of readings

24

Number of breaches

0



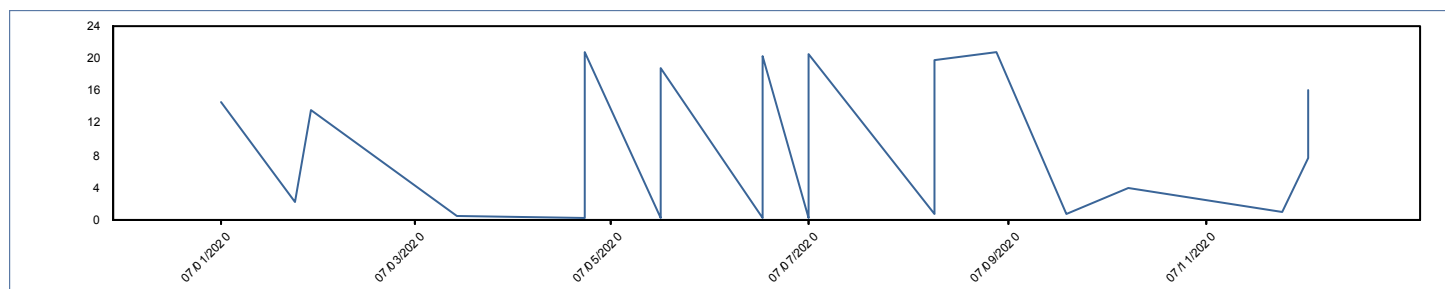
CHI0106

Number of readings

26

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

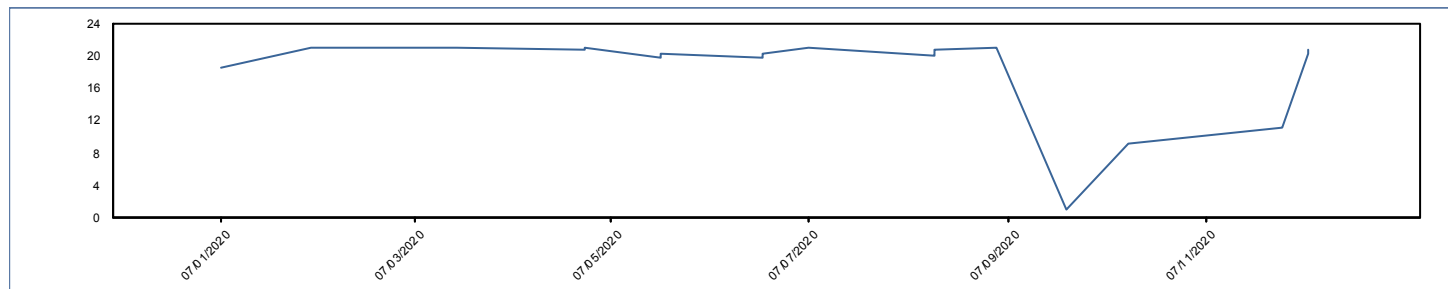
CHIWO107

Number of readings

25

Number of breaches

0



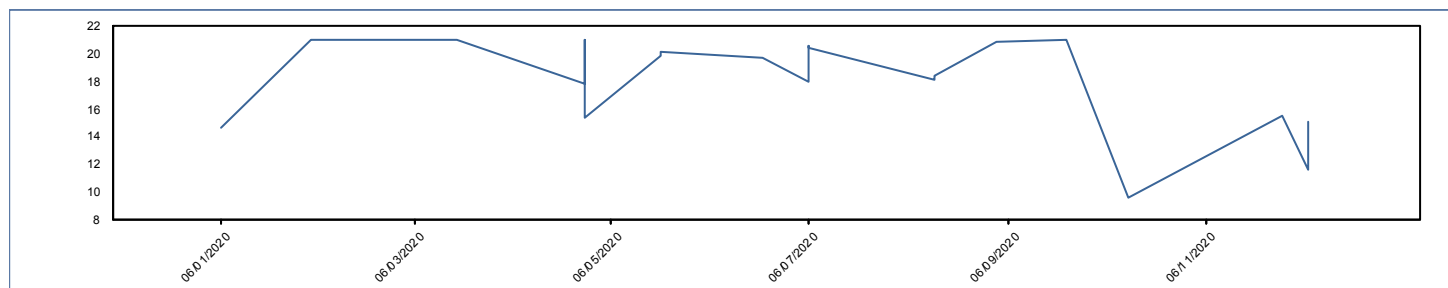
CHIWO108

Number of readings

25

Number of breaches

0



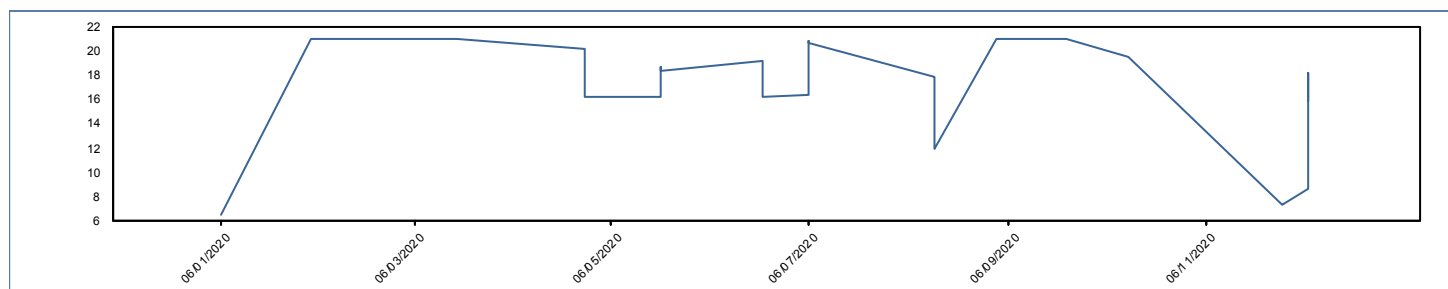
CHIWO109

Number of readings

25

Number of breaches

0



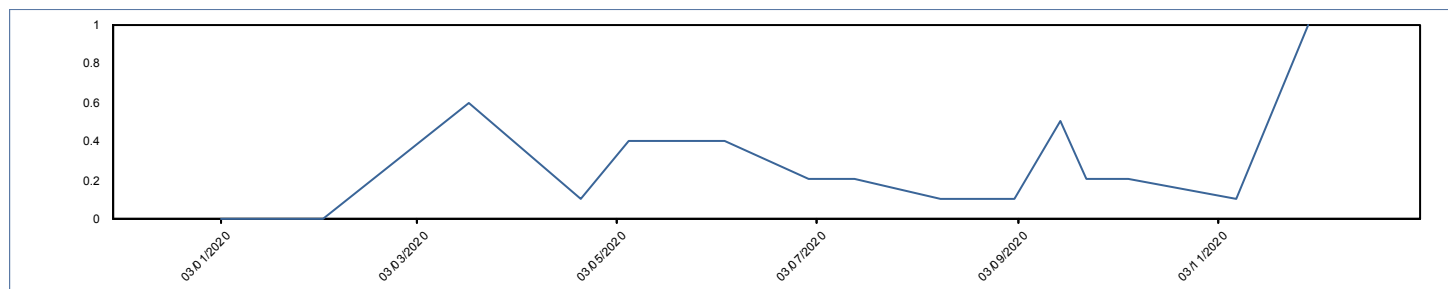
CHIWO110

Number of readings

15

Number of breaches

0



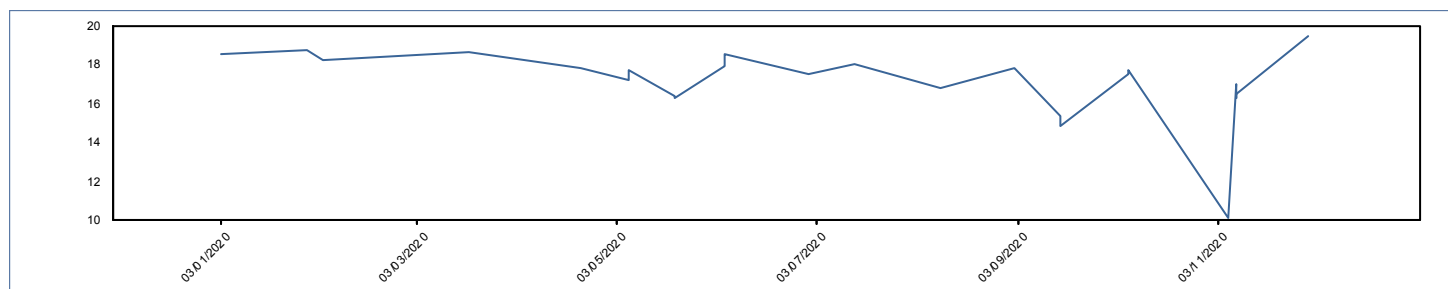
CHIWO111

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

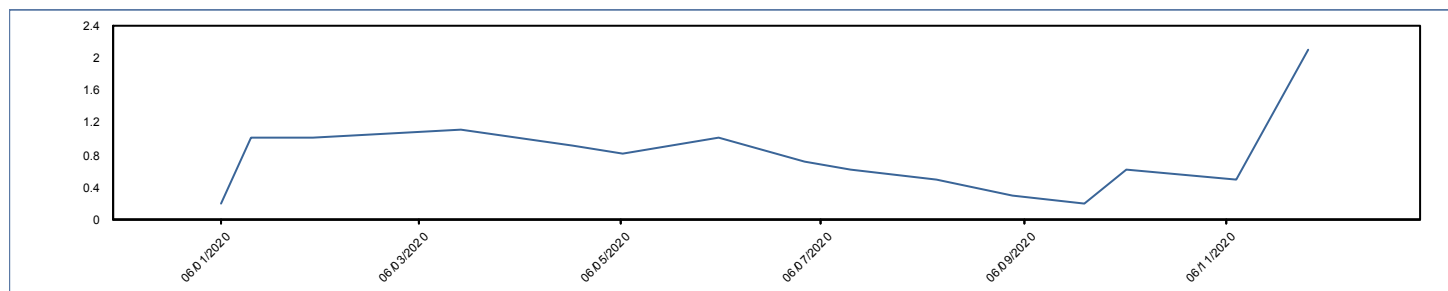
CHI0112

Number of readings

15

Number of breaches

0



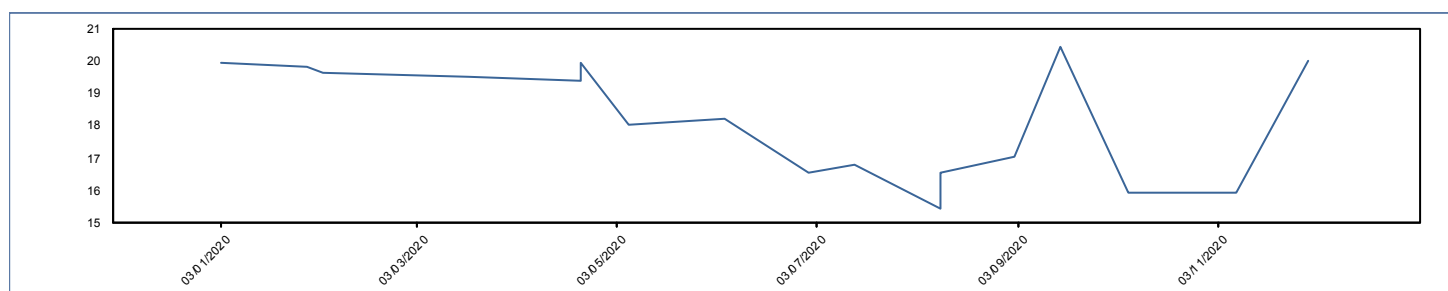
CHI0113

Number of readings

20

Number of breaches

0



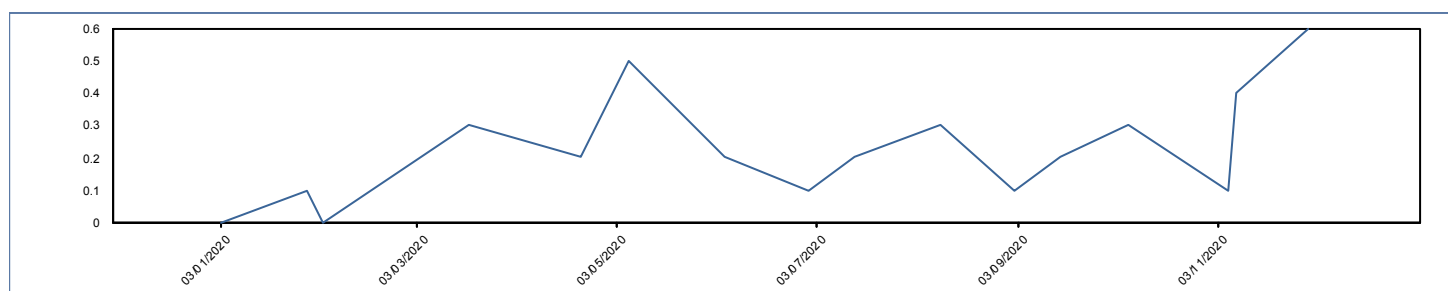
CHI0115

Number of readings

16

Number of breaches

0



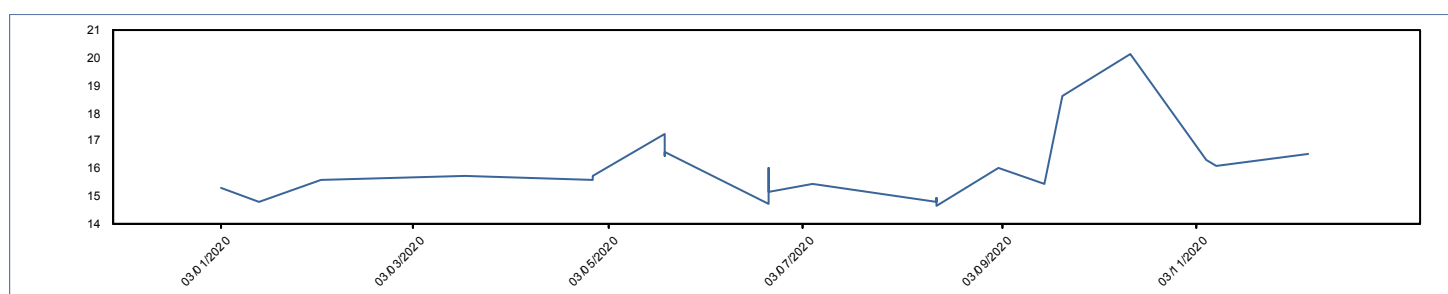
CHI0116

Number of readings

26

Number of breaches

0



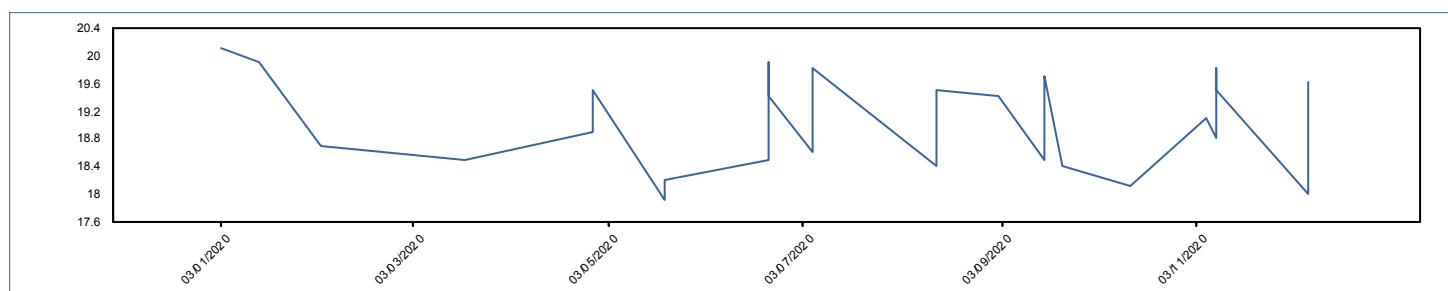
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

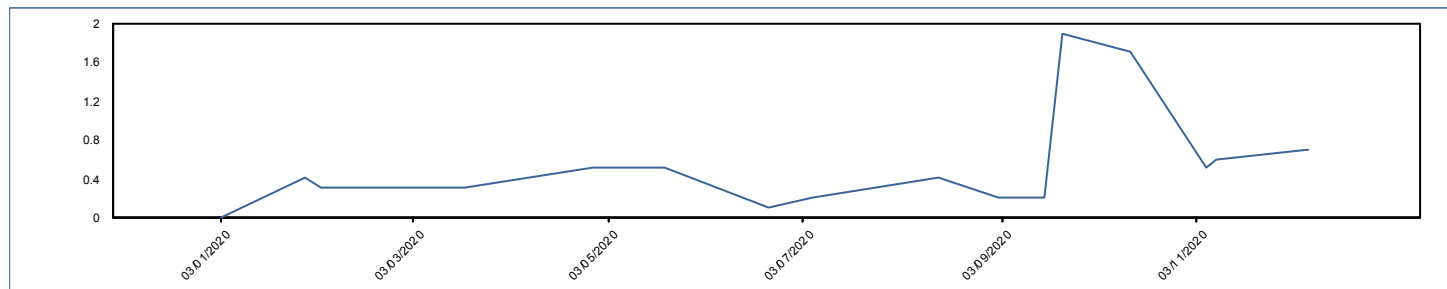
CHIWO118

Number of readings

16

Number of breaches

0



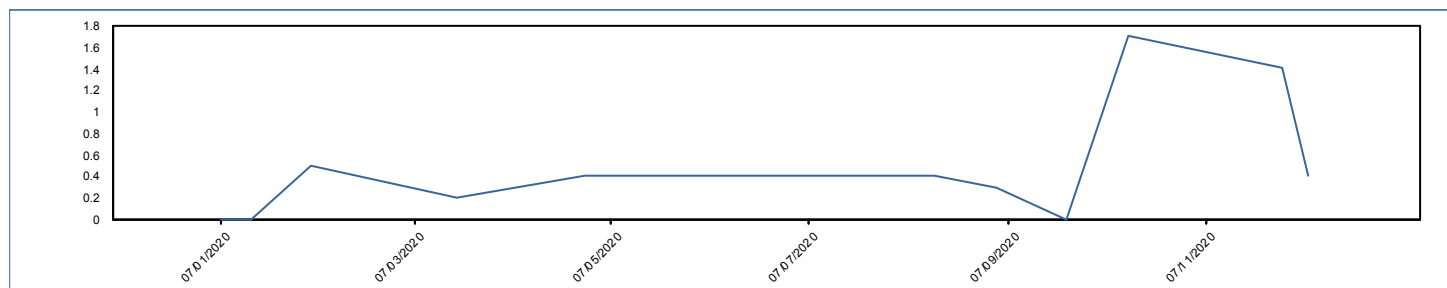
CHIWO120

Number of readings

14

Number of breaches

0



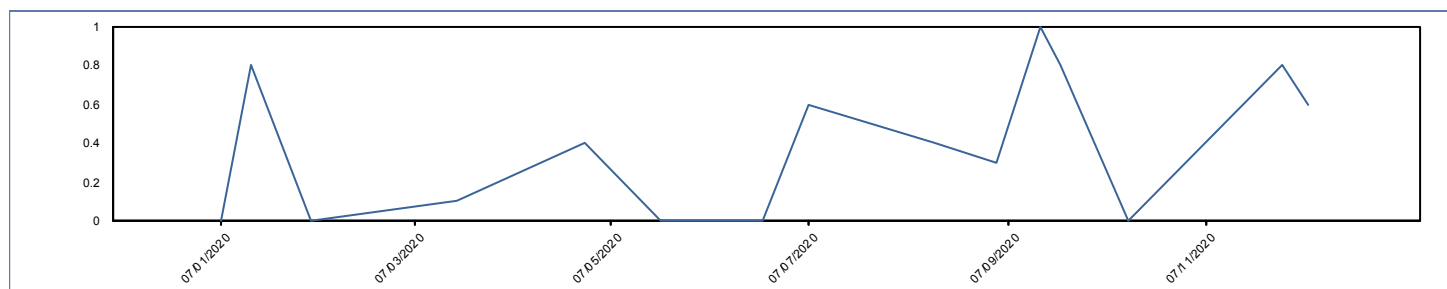
CHIWO121

Number of readings

15

Number of breaches

0



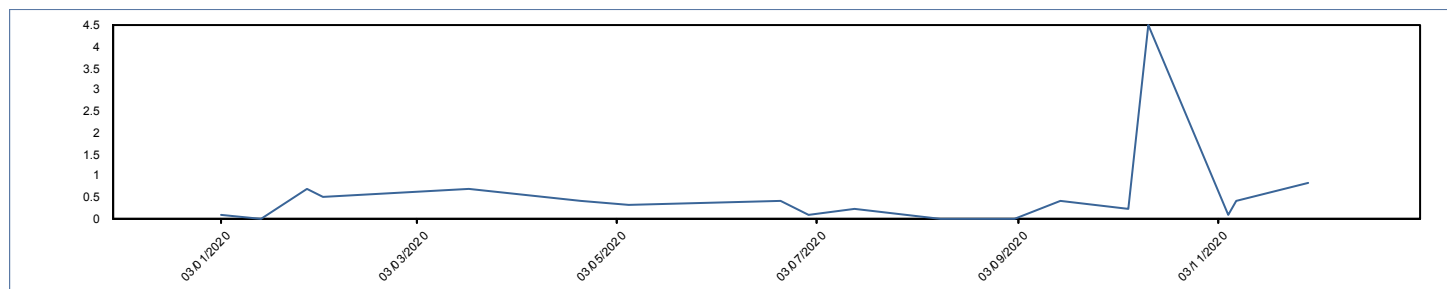
CHIWO123

Number of readings

18

Number of breaches

0



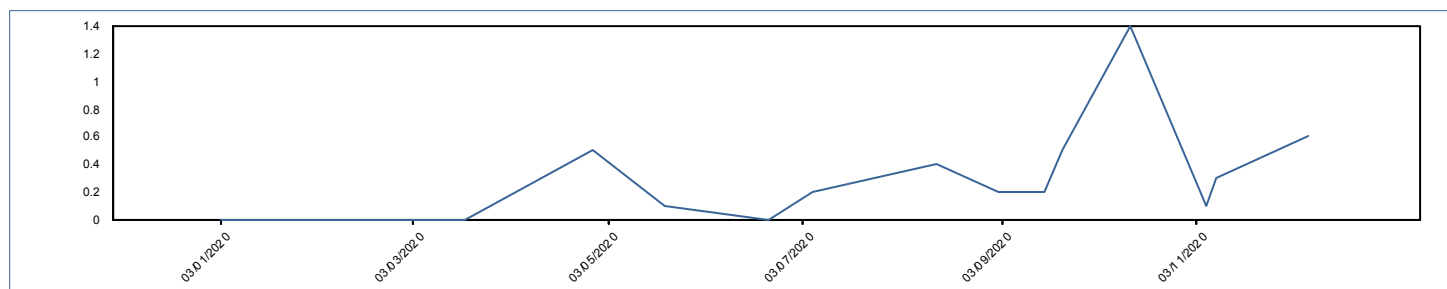
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

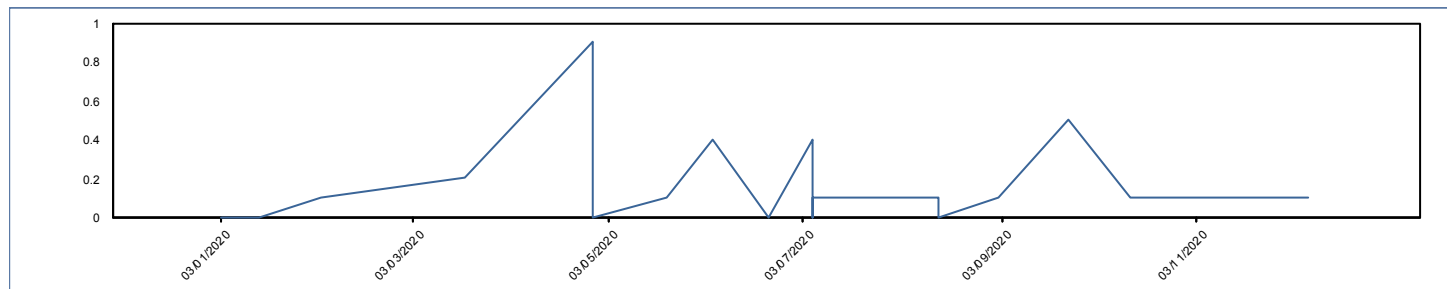
CHI0125

Number of readings

20

Number of breaches

0



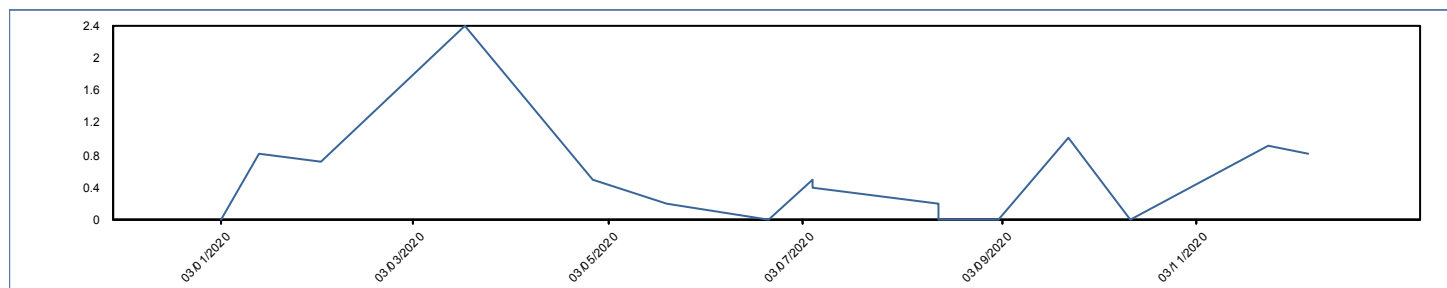
CHI0126

Number of readings

17

Number of breaches

0



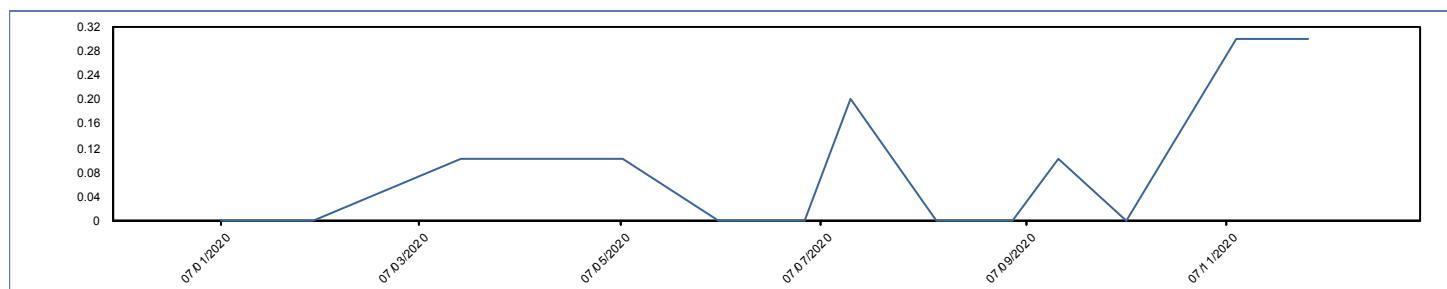
CHI0127

Number of readings

15

Number of breaches

0



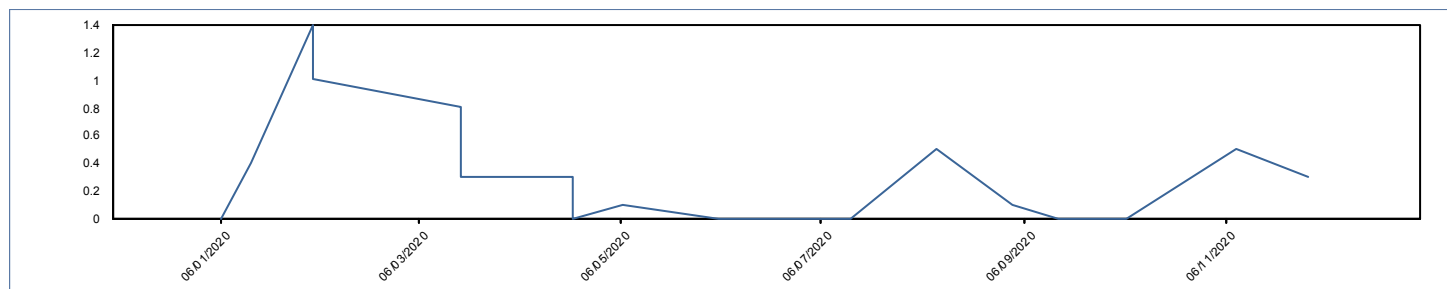
CHI0128

Number of readings

19

Number of breaches

0



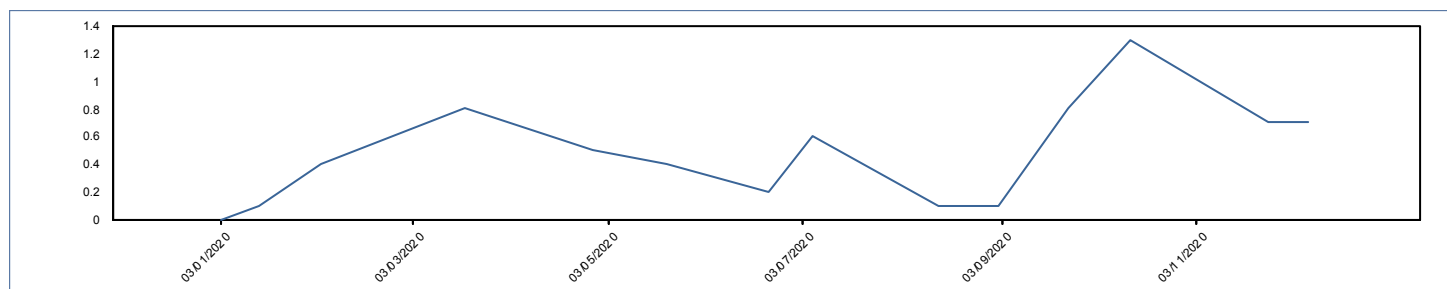
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

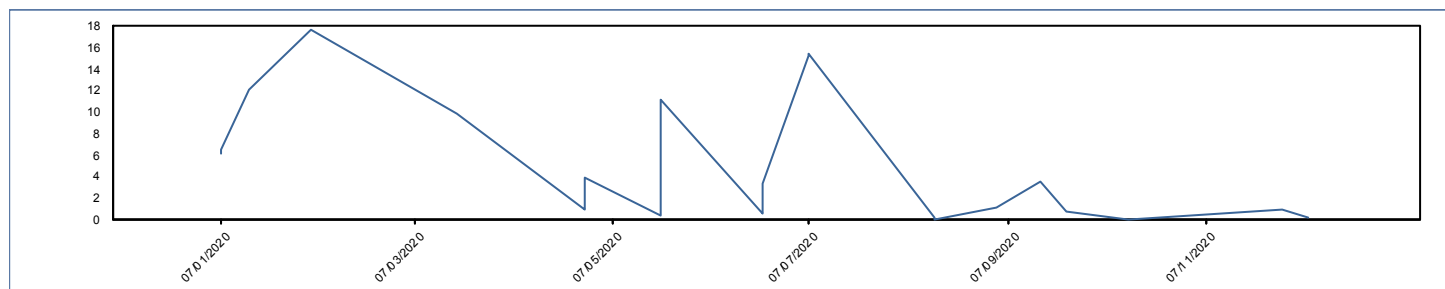
CHI1602

Number of readings

25

Number of breaches

0



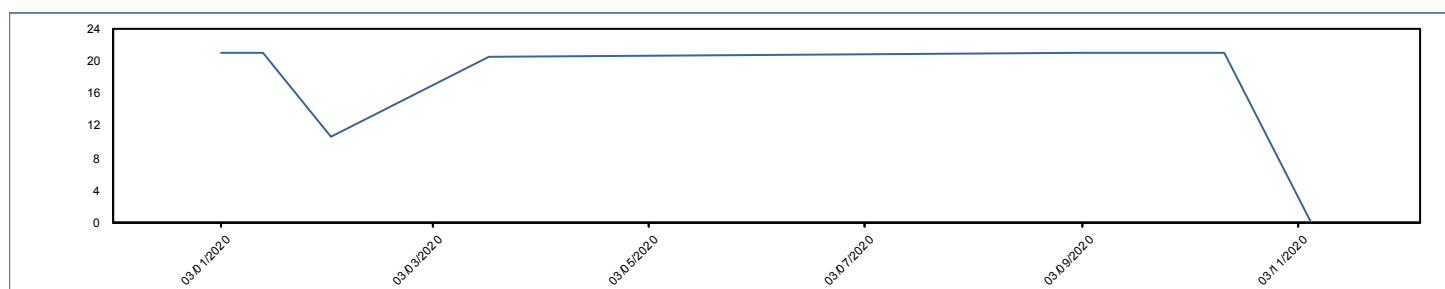
CHI1603

Number of readings

8

Number of breaches

0



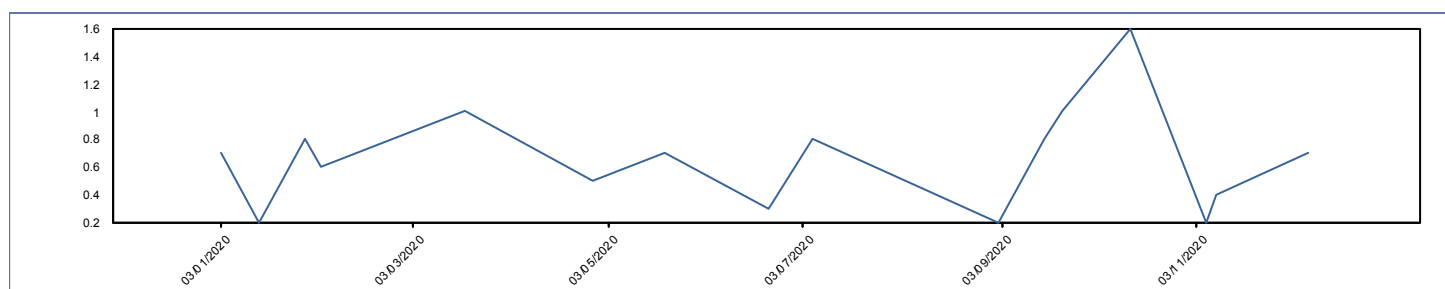
CHI1604

Number of readings

17

Number of breaches

0



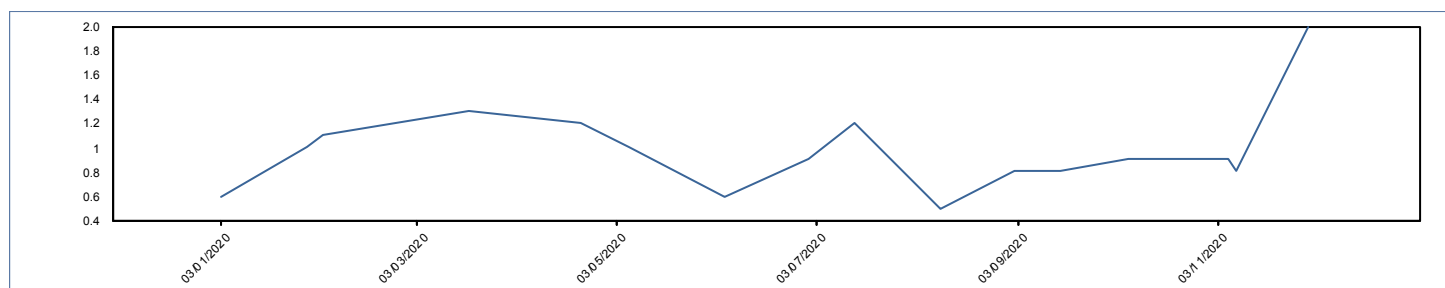
CHI1605

Number of readings

16

Number of breaches

0



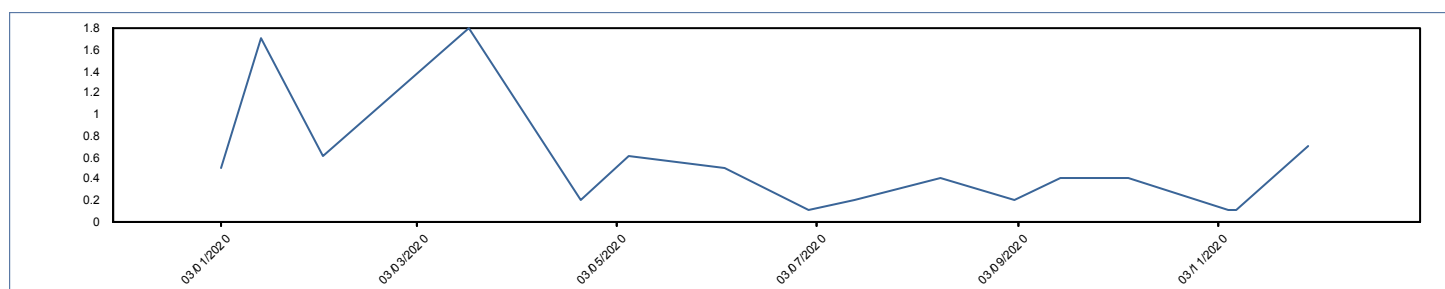
CHI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

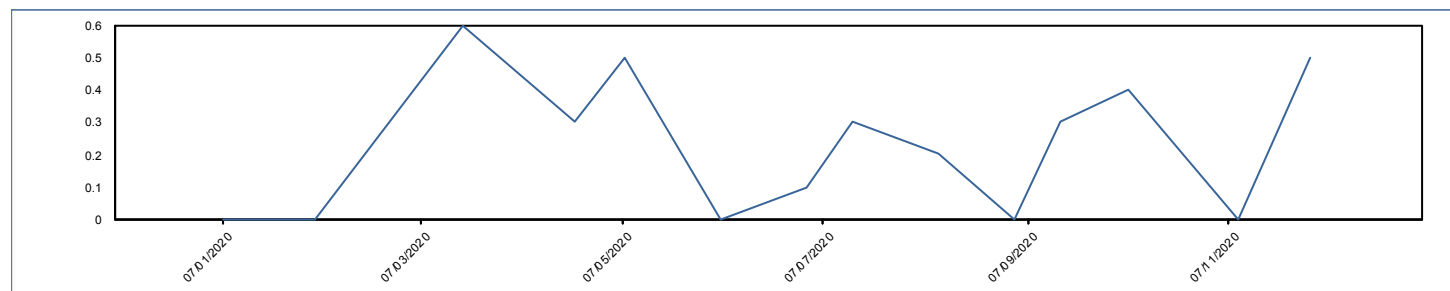
CHIW1608

Number of readings

15

Number of breaches

0



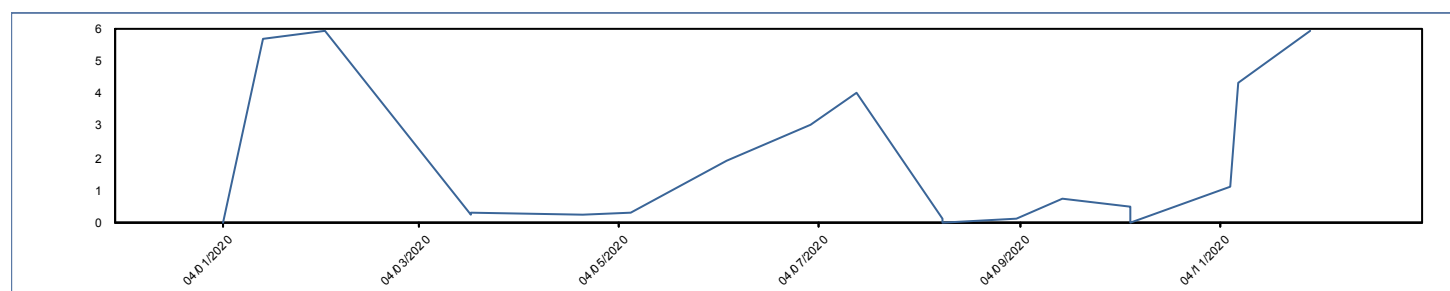
CHIW1609

Number of readings

20

Number of breaches

0



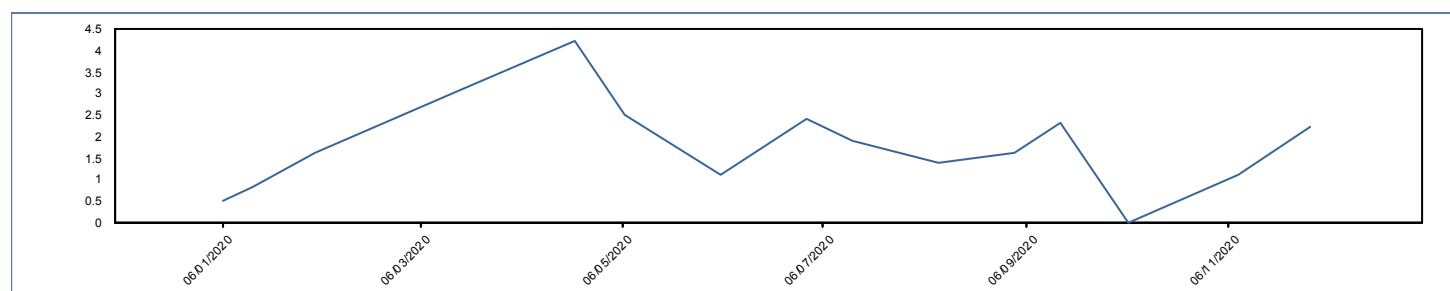
CHIW1610

Number of readings

15

Number of breaches

0



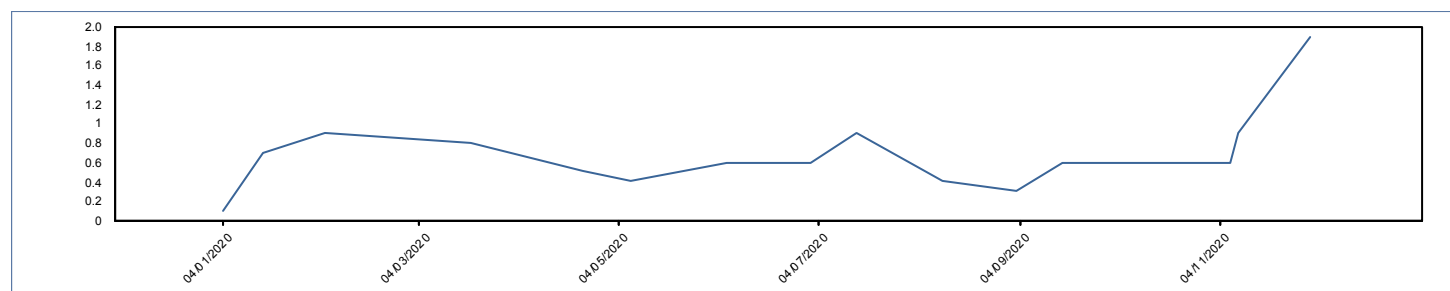
CHIW1611

Number of readings

16

Number of breaches

0



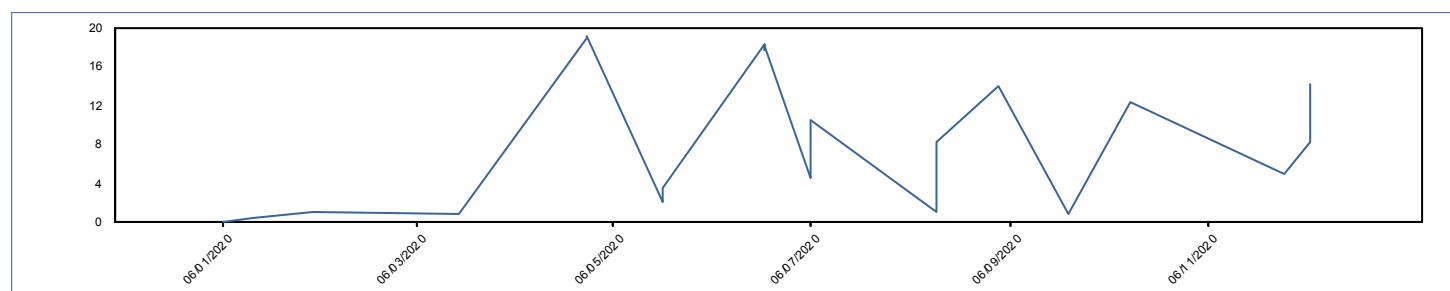
CHIW1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

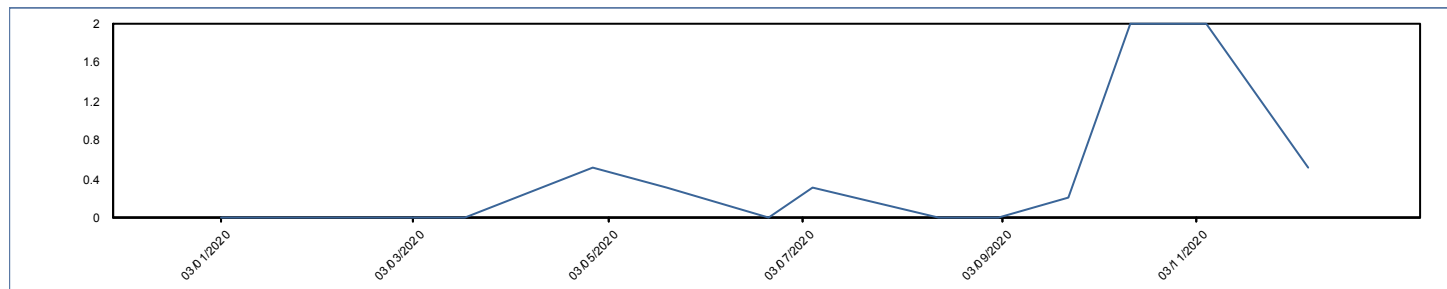
GW44

Number of readings

14

Number of breaches

0



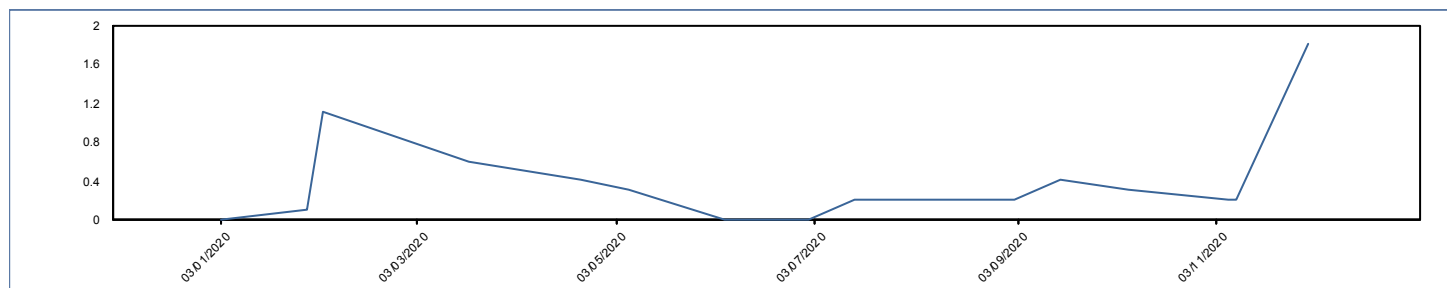
GW48

Number of readings

16

Number of breaches

0



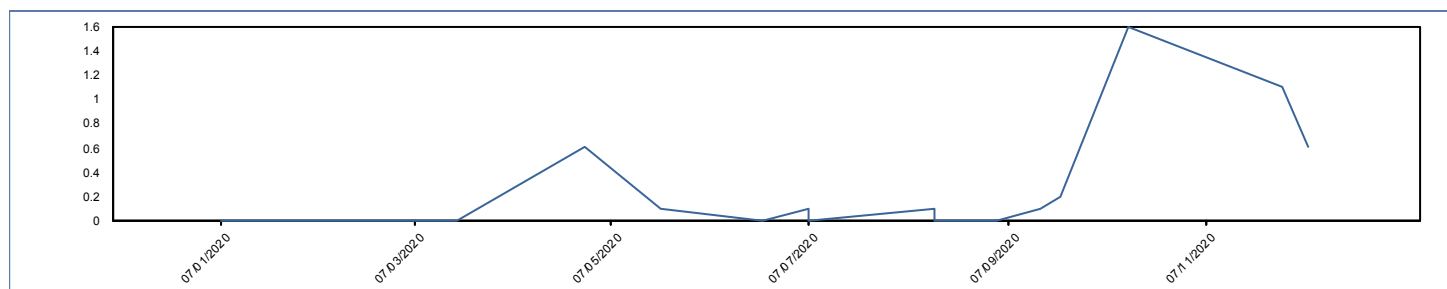
GW56

Number of readings

17

Number of breaches

0



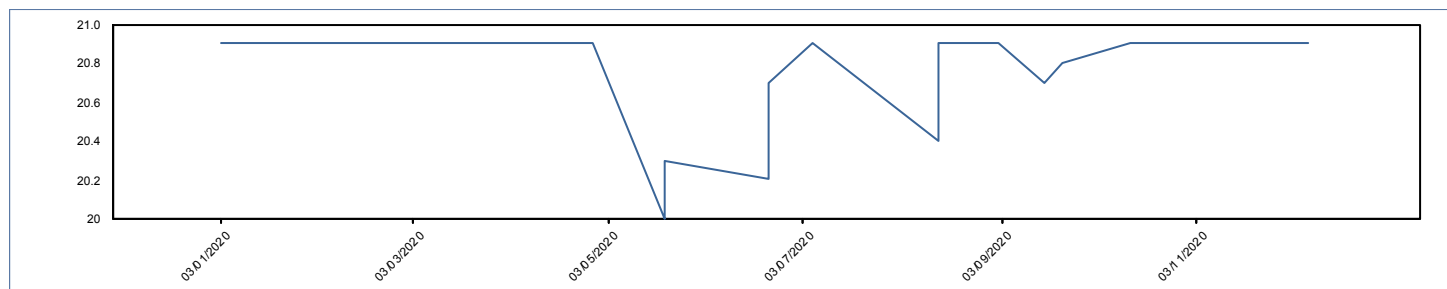
GW57

Number of readings

30

Number of breaches

0



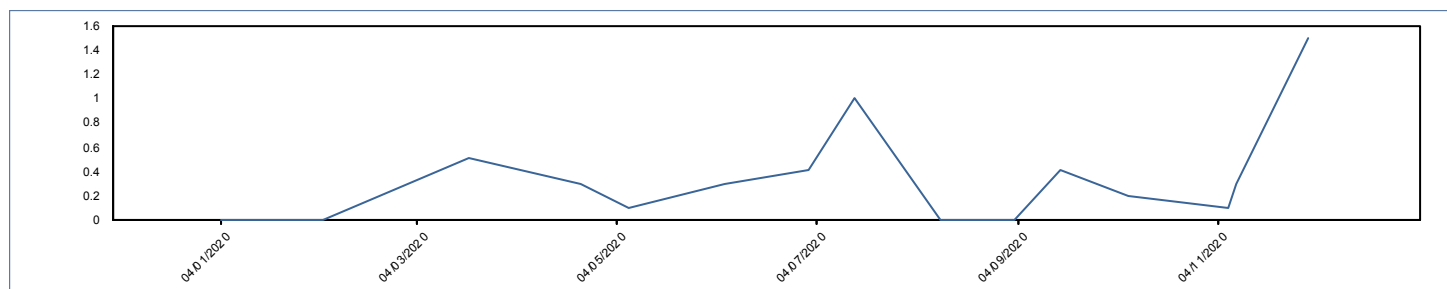
GW88

Number of readings

16

Number of breaches

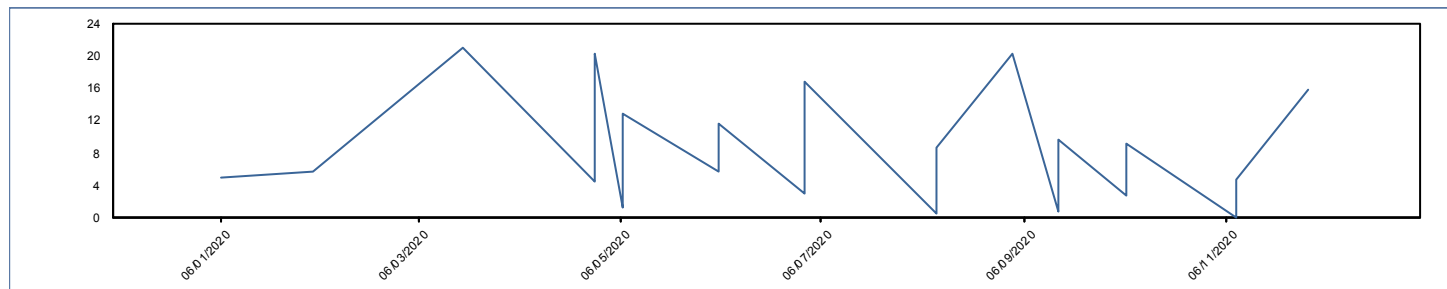
0



Data from: 1 Jan 2020 to: 31 Dec 2020

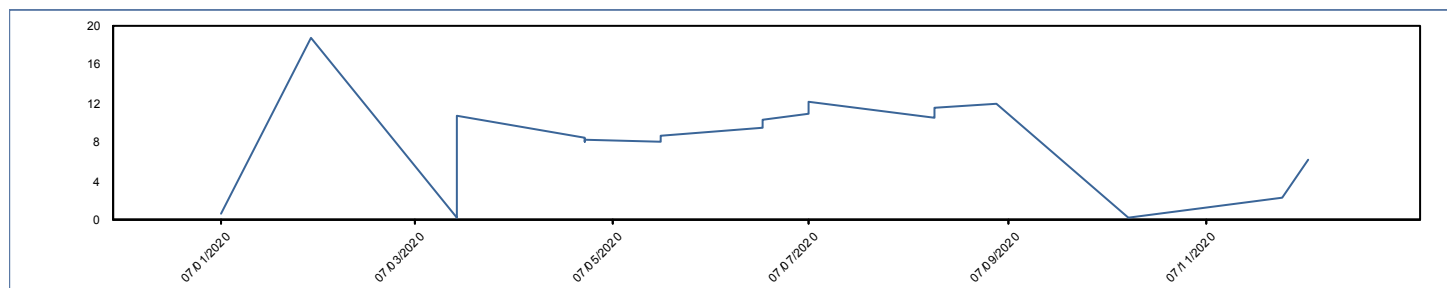
LC005A

Number of readings 29 Number of breaches 0



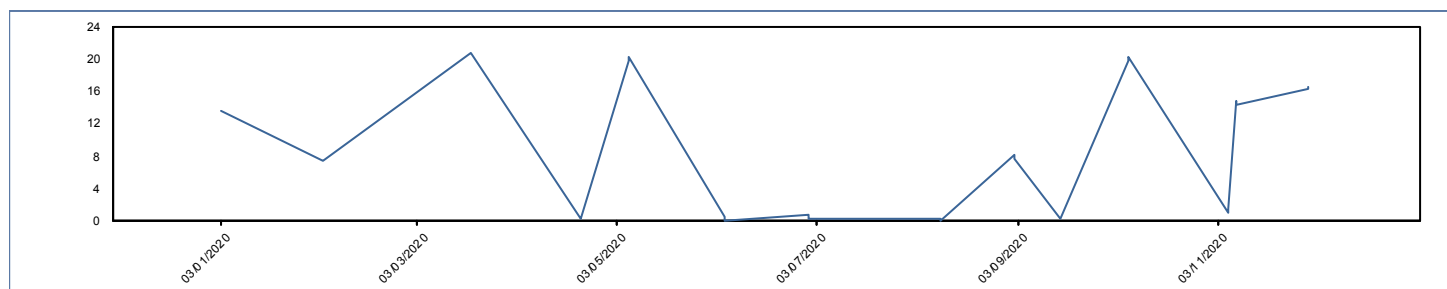
LC01B

Number of readings 24 Number of breaches 0



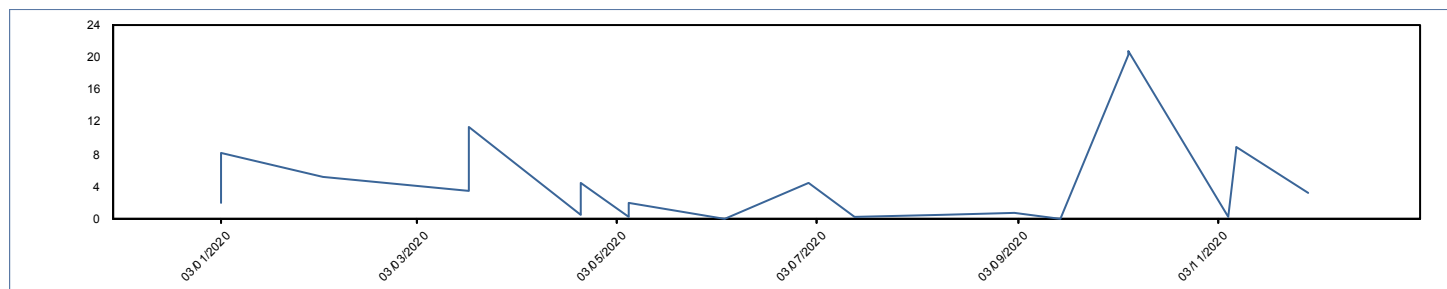
LM04B

Number of readings 28 Number of breaches 0



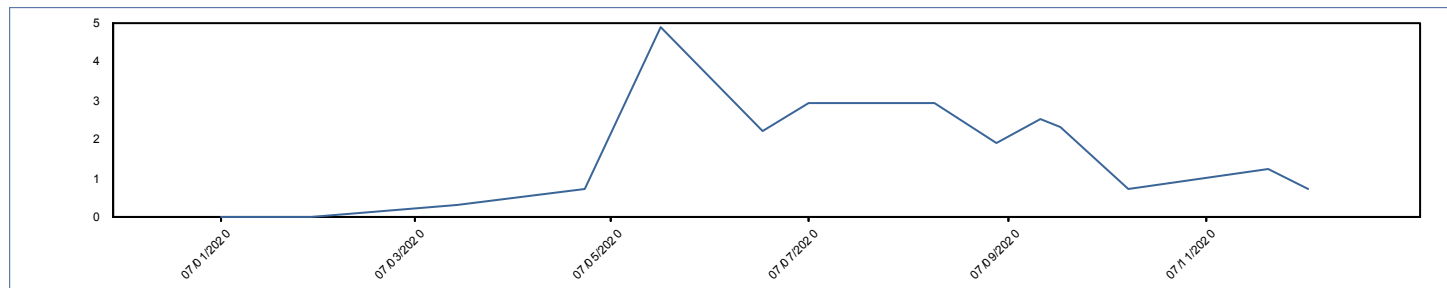
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

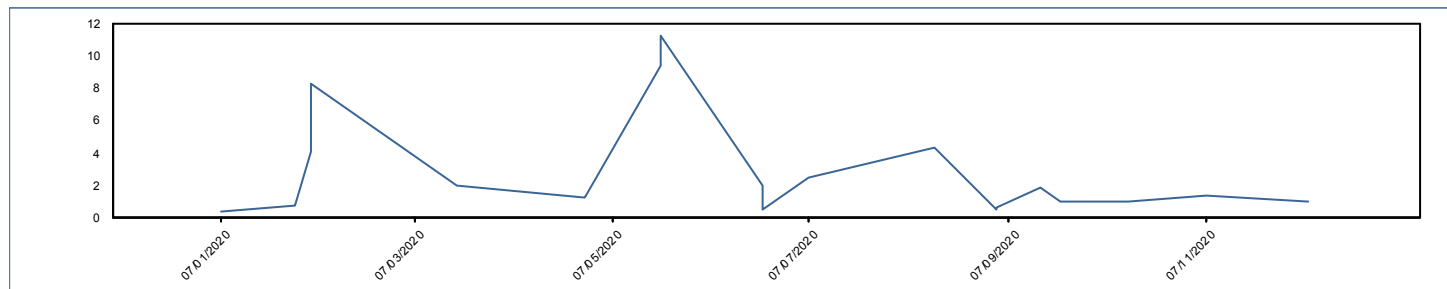
PBLFGXGW03

Number of readings

19

Number of breaches

0



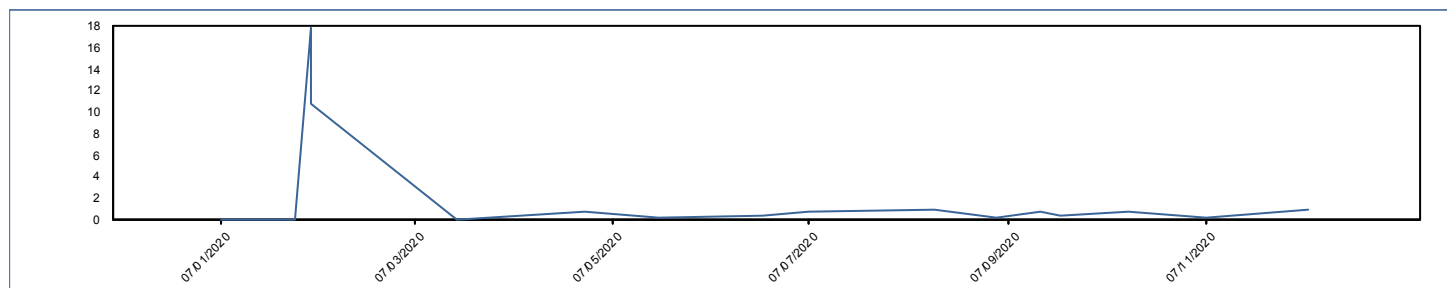
PBLFGXGW07

Number of readings

17

Number of breaches

0



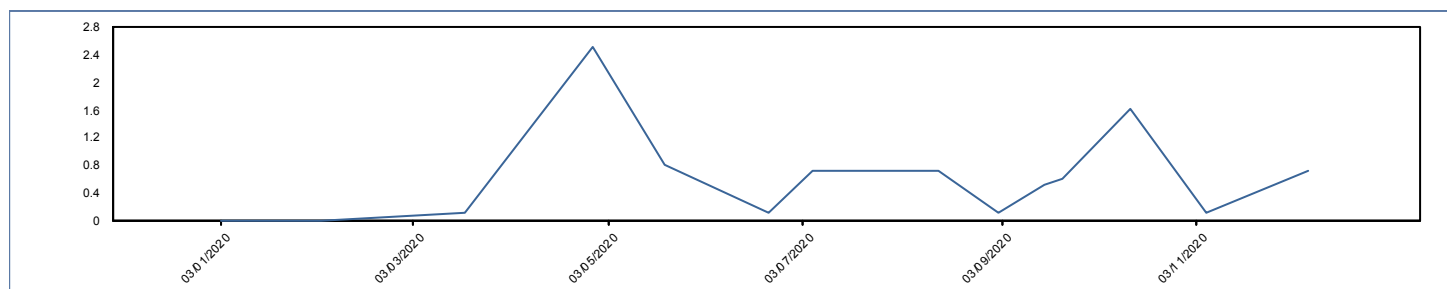
PBLFGXGW18

Number of readings

15

Number of breaches

0



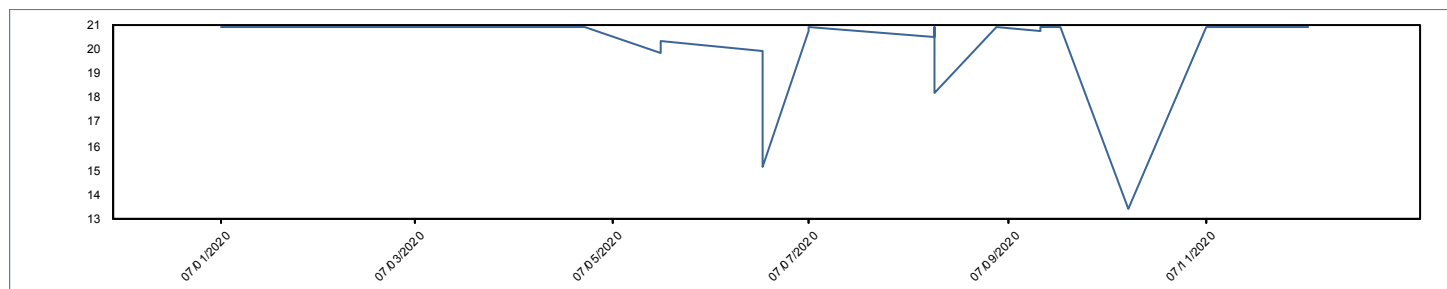
PBLFGXGW28

Number of readings

29

Number of breaches

0



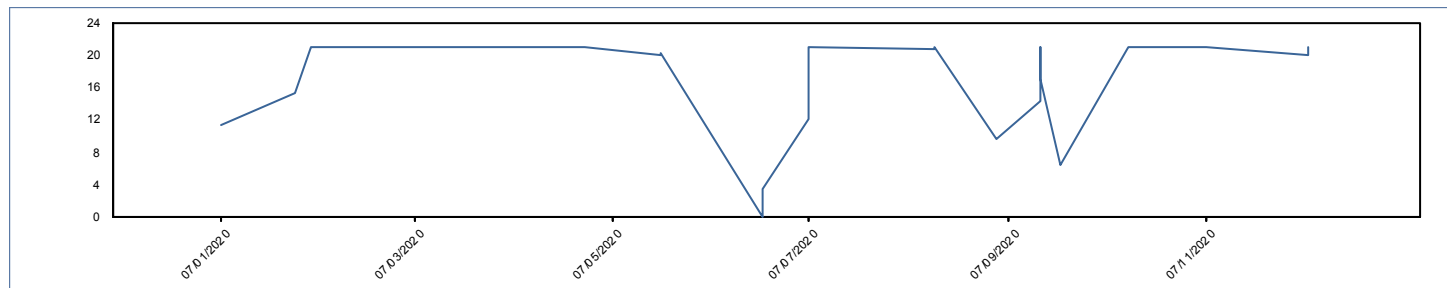
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

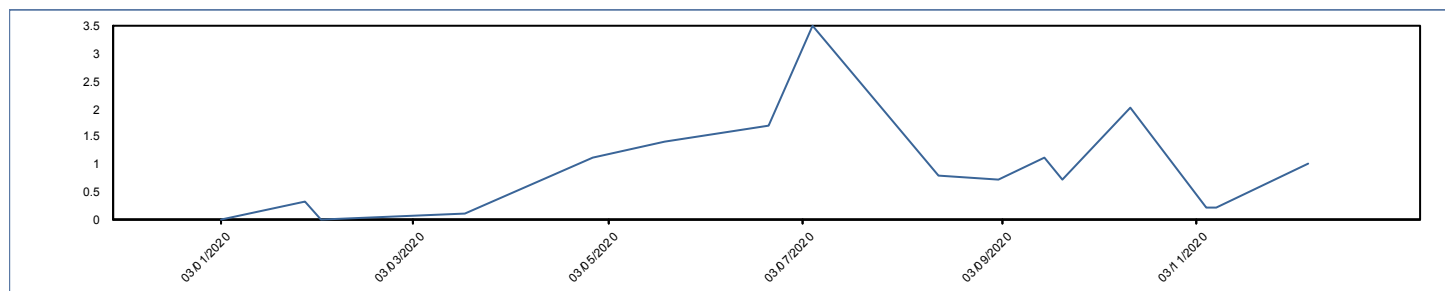
PBLFGXGW30

Number of readings

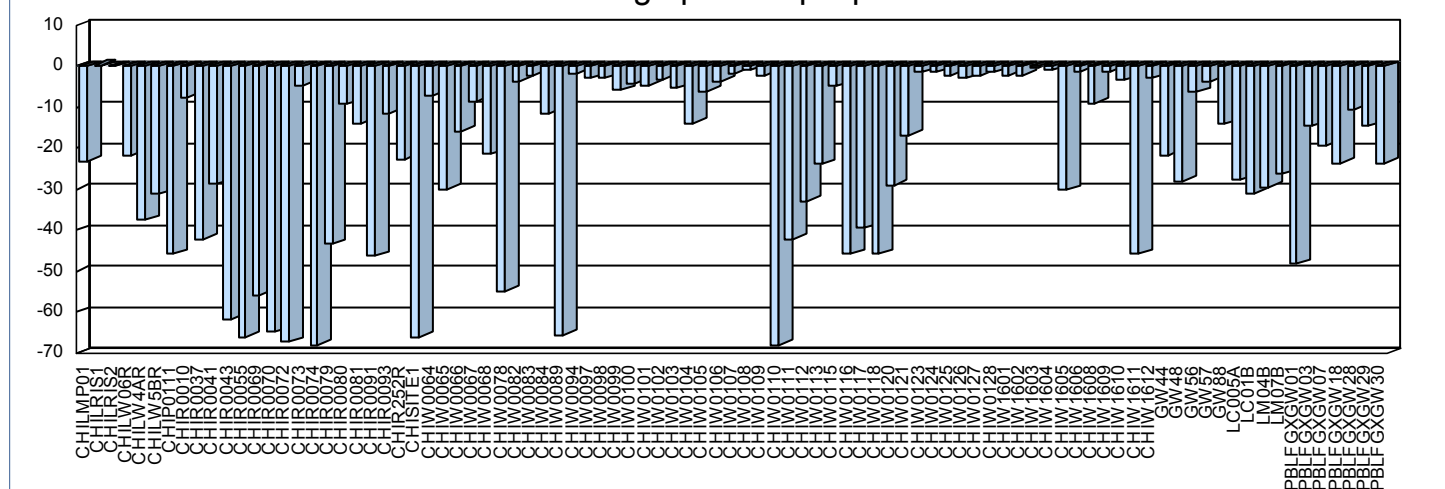
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	-70.37	-0.91	-23.25	-325.45	25.17	633.46	-0.91
CHILRIS1	1	0	0.41	0.41	0.41	0.41	0.00	0.00	0.41
CHILRIS2	5	0	-0.14	0.56	0.10	0.50	0.24	0.06	0.56
CHILW06R	28	0	-67.63	5.85	-21.69	-607.43	21.66	469.03	4.12
CHILW4AR	27	0	-75.45	22.12	-37.55	-1,013.81	30.44	926.52	10.99
CHILW5BR	29	0	-83.57	4.13	-31.08	-901.33	29.12	848.03	2.33
CHIP0111	30	0	-89.06	2.51	-45.74	-1,372.15	30.00	900.01	1.42
CHIR0010	30	0	-17.95	-0.03	-7.64	-229.05	4.15	17.24	-0.10
CHIR0037	31	0	-79.44	1.72	-42.18	-1,307.52	25.00	625.23	0.85
CHIR0041	16	0	-35.84	-20.84	-28.80	-460.73	4.46	19.91	-20.84
CHIR0043	15	0	-80.59	-22.79	-61.71	-925.69	13.83	191.32	-22.79
CHIR0055	15	0	-86.53	-38.43	-66.16	-992.47	12.04	144.85	-38.43
CHIR0069	15	0	-79.77	-34.89	-55.68	-835.27	14.21	201.82	-34.89

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	-82.91	-44.34	-64.86	-972.83	10.18	103.63	-44.34
CHIR0072	16	0	-87.58	-35.65	-67.35	-1,077.53	11.28	127.14	-35.65
CHIR0073	18	0	-26.39	0.22	-4.59	-82.57	6.84	46.78	0.22
CHIR0074	15	0	-86.63	-44.84	-68.11	-1,021.64	9.66	93.30	-44.84
CHIR0079	15	0	-70.84	-22.87	-43.36	-650.42	12.73	162.13	-22.87
CHIR0080	23	0	-50.18	0.51	-9.14	-210.14	10.82	116.97	0.35
CHIR0081	35	0	-56.19	-0.14	-13.74	-480.87	14.46	209.07	-0.16
CHIR0091	17	0	-64.05	-5.85	-46.33	-787.56	14.02	196.70	-5.85
CHIR0093	17	0	-23.50	-0.02	-11.40	-193.81	7.41	54.98	-0.02
CHIR252R	14	0	-68.05	-6.59	-22.59	-316.26	16.86	284.26	-6.59
CHISITE1	57	0	-88.06	-33.86	-66.11	-3,768.19	11.19	125.26	-41.80
CHIW0064	15	0	-15.87	-2.38	-6.99	-104.79	3.78	14.29	-2.38
CHIW0065	14	0	-42.04	-20.72	-29.92	-418.83	5.95	35.36	-20.72
CHIW0066	16	0	-23.16	-10.74	-15.91	-254.50	3.51	12.33	-10.74
CHIW0067	37	0	-19.39	-2.44	-8.59	-318.00	3.91	15.31	-2.89
CHIW0068	15	0	-34.15	-13.21	-21.37	-320.54	6.61	43.75	-13.21
CHIW0078	20	0	-87.96	79.15	-54.87	-1,097.46	35.03	1,227.16	30.90
CHIW0082	19	0	-8.95	-0.29	-3.65	-69.32	2.48	6.13	-0.29
CHIW0083	16	0	-6.84	-0.07	-2.22	-35.57	2.17	4.70	-0.07
CHIW0084	14	0	-17.27	-5.05	-11.41	-159.74	3.93	15.42	-5.05
CHIW0089	16	0	-83.53	-43.29	-65.52	-1,048.27	10.08	101.54	-43.29
CHIW0094	34	0	-8.86	0.62	-1.79	-60.78	2.08	4.33	0.39
CHIW0097	34	0	-44.40	0.33	-2.79	-94.87	7.63	58.18	0.30
CHIW0098	16	0	-8.64	-0.15	-2.90	-46.43	2.93	8.61	-0.15
CHIW0099	16	0	-13.75	-0.67	-5.75	-92.02	2.68	7.16	-0.67
CHIW0100	22	0	-15.90	0.54	-4.11	-90.38	4.57	20.85	0.41
CHIW0101	16	0	-11.67	-0.33	-4.65	-74.40	3.33	11.08	-0.33
CHIW0102	39	0	-18.65	0.52	-3.19	-124.43	4.54	20.63	0.00
CHIW0103	24	0	-14.78	-0.40	-5.38	-129.19	3.60	12.95	-0.44

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0104	30	0	-72.39	0.26	-13.91	-417.28	22.11	488.86	0.00
CHIW0105	24	0	-14.93	0.29	-6.07	-145.63	4.30	18.45	0.10
CHIW0106	26	0	-21.52	0.14	-3.49	-90.86	4.11	16.90	0.06
CHIW0107	25	0	-15.57	0.55	-1.63	-40.79	3.30	10.86	0.52
CHIW0108	25	0	-5.40	0.50	-1.00	-24.93	1.39	1.92	0.29
CHIW0109	25	0	-9.78	0.51	-2.06	-51.42	2.60	6.75	0.43
CHIW0110	15	0	-88.85	-37.31	-67.98	-1,019.65	11.78	138.73	-37.31
CHIW0111	28	0	-89.13	-0.05	-42.21	-1,181.78	31.70	1,005.04	-0.22
CHIW0112	15	0	-58.24	-5.90	-33.00	-495.01	11.49	132.00	-5.90
CHIW0113	20	0	-66.53	0.00	-23.92	-478.36	25.19	634.69	-0.01
CHIW0115	16	0	-9.00	-0.28	-4.90	-78.37	2.56	6.54	-0.28
CHIW0116	26	0	-85.47	-3.76	-45.79	-1,190.60	24.47	599.02	-4.10
CHIW0117	32	0	-79.70	0.32	-39.40	-1,260.76	26.66	710.97	0.18
CHIW0118	16	0	-57.36	-35.41	-45.87	-733.89	6.51	42.34	-35.41
CHIW0120	14	0	-54.69	-0.60	-28.99	-405.85	16.25	263.97	-0.60
CHIW0121	15	0	-35.69	-0.09	-16.79	-251.79	9.99	99.76	-0.09
CHIW0123	18	0	-8.19	-0.03	-1.46	-26.33	2.00	4.00	-0.03
CHIW0124	17	0	-7.10	0.29	-1.37	-23.33	1.77	3.13	0.29
CHIW0125	20	0	-7.48	-0.03	-2.27	-45.43	2.32	5.36	-0.07
CHIW0126	17	0	-18.62	0.29	-2.87	-48.72	4.39	19.31	0.29
CHIW0127	15	0	-5.52	0.23	-2.04	-30.60	1.93	3.72	0.23
CHIW0128	19	0	-6.74	0.29	-1.36	-25.93	1.76	3.09	0.29
CHIW1601	15	0	-8.93	0.61	-2.20	-33.01	2.58	6.65	0.61
CHIW1602	25	0	-10.90	0.51	-2.02	-50.43	2.93	8.57	0.34
CHIW1603	8	0	-2.17	0.31	-0.30	-2.36	0.76	0.58	0.31
CHIW1604	17	0	-3.18	0.09	-0.94	-15.94	1.08	1.17	0.09
CHIW1605	16	0	-39.17	-22.36	-30.27	-484.36	4.81	23.17	-22.36
CHIW1606	16	0	-3.38	-0.09	-1.04	-16.63	0.87	0.76	-0.09
CHIW1608	15	0	-12.27	-4.47	-8.91	-133.71	2.26	5.12	-4.47

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1609	20	0	-7.02	0.43	-1.30	-25.96	1.69	2.84	0.20
CHIW1610	15	0	-10.86	-0.43	-3.38	-50.64	3.05	9.31	-0.43
CHIW1611	16	0	-74.99	-0.24	-45.86	-733.70	15.23	232.09	-0.24
CHIW1612	24	0	-14.60	0.14	-2.95	-70.70	3.73	13.88	0.04
GW44	14	0	-33.72	-11.77	-21.66	-303.20	5.98	35.80	-11.77
GW48	16	0	-74.49	-2.76	-27.97	-447.49	27.12	735.59	-2.76
GW56	17	0	-15.19	-0.10	-6.20	-105.45	4.26	18.13	-0.10
GW57	30	0	-9.95	0.05	-3.72	-111.57	2.48	6.16	0.00
GW88	16	0	-23.91	-8.43	-14.15	-226.37	5.05	25.50	-8.43
LC005A	29	0	-75.60	0.56	-27.79	-806.03	28.18	793.90	0.48
LC01B	24	0	-86.51	0.52	-30.97	-743.26	28.19	794.95	0.47
LM04B	28	0	-76.00	14.95	-29.42	-823.64	28.23	797.19	7.90
LM07B	25	0	-88.75	142.78	-26.24	-655.91	46.41	2,154.13	88.86
PBLFGXGW01	15	0	-77.63	-14.67	-48.19	-722.81	16.74	280.35	-14.67
PBLFGXGW03	19	0	-47.11	-0.86	-14.55	-276.48	13.92	193.71	-0.86
PBLFGXGW07	17	0	-64.60	-0.76	-19.22	-326.73	15.75	248.21	-0.76
PBLFGXGW18	15	0	-59.53	-10.77	-23.62	-354.35	13.69	187.41	-10.77
PBLFGXGW28	29	0	-33.15	-0.62	-10.42	-302.32	7.52	56.50	-1.36
PBLFGXGW29	28	0	-40.86	-0.43	-14.66	-410.53	9.22	85.03	-1.48
PBLFGXGW30	16	0	-47.26	-13.03	-23.61	-377.72	8.93	79.72	-13.03
Total	1,864	0	-89.13	142.78	-21.33	-39,749.94	25.75	663.21	-0.02

Data from: 1 Jan 2020 to: 31 Dec 2020

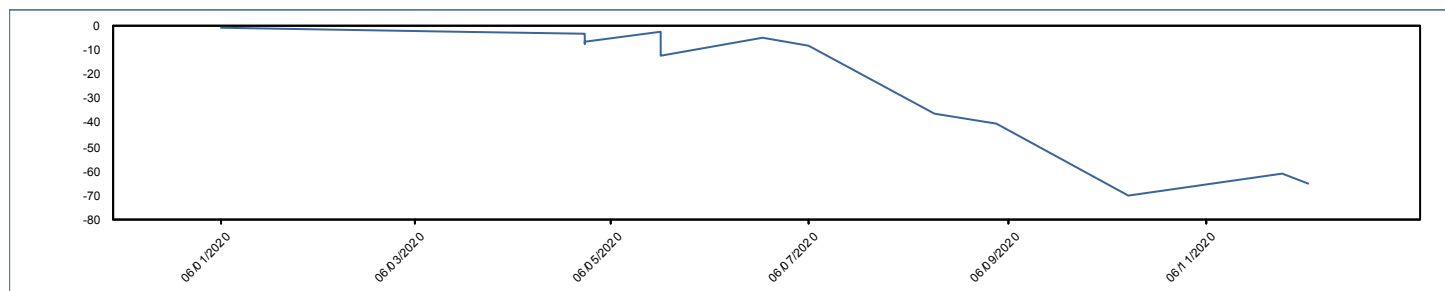
CHILMP01

Number of readings

14

Number of breaches

0



CHILRIS1

Number of readings

1

Number of breaches

0



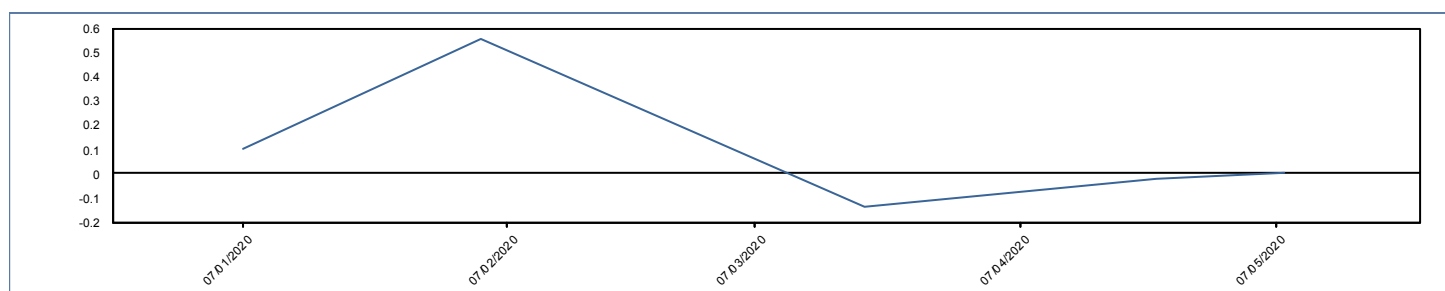
CHILRIS2

Number of readings

5

Number of breaches

0



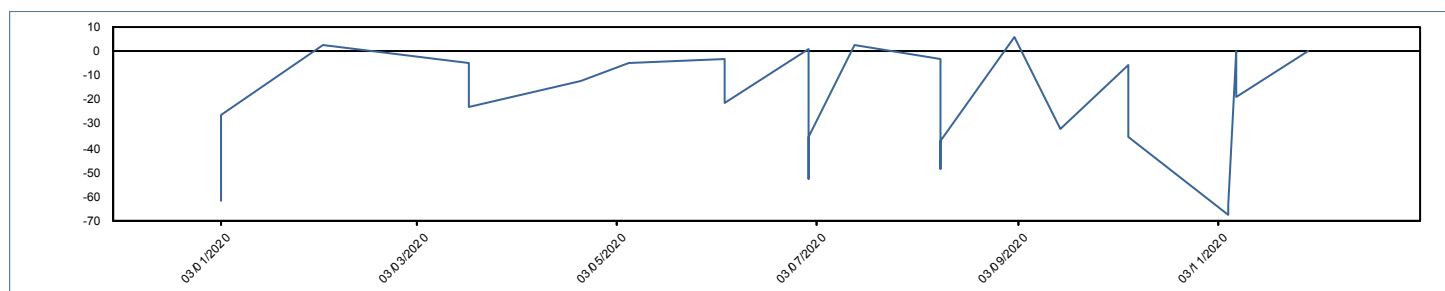
CHILW06R

Number of readings

28

Number of breaches

0



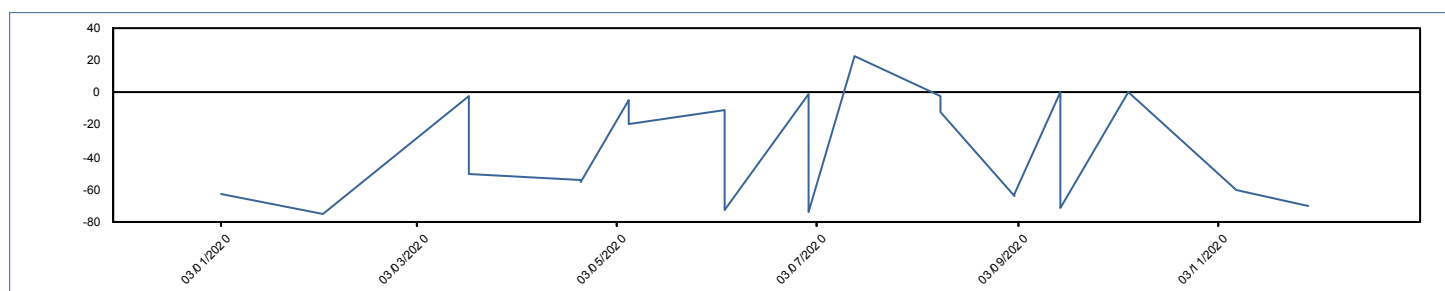
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

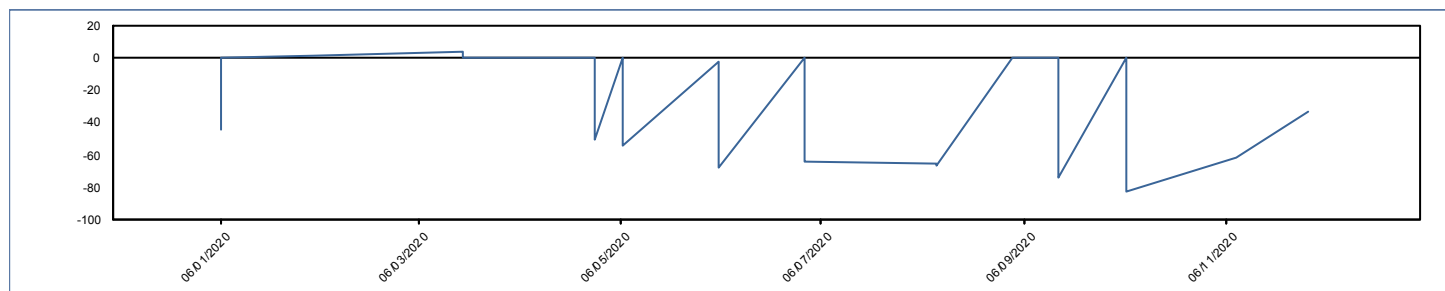
CHILW5BR

Number of readings

29

Number of breaches

0



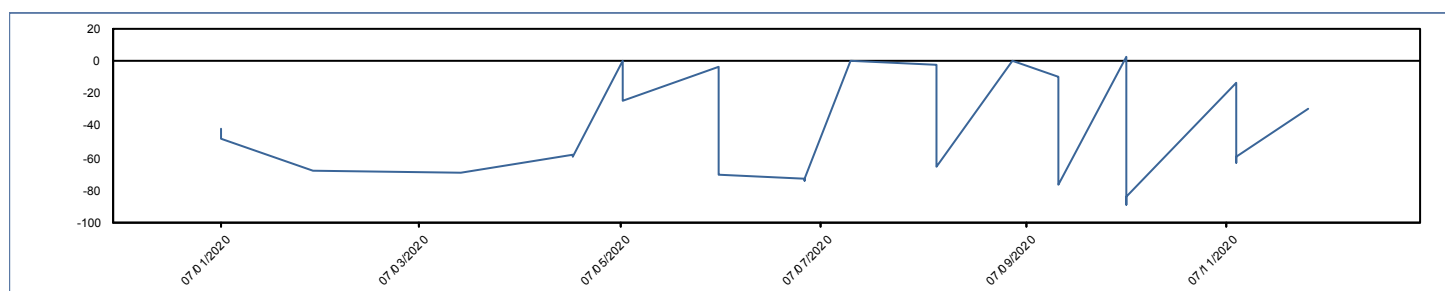
CHIP0111

Number of readings

30

Number of breaches

0



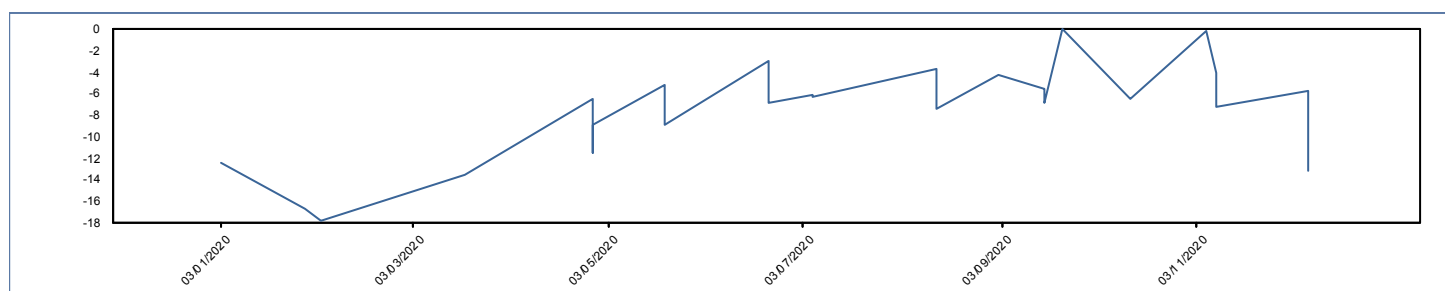
CHIR0010

Number of readings

30

Number of breaches

0



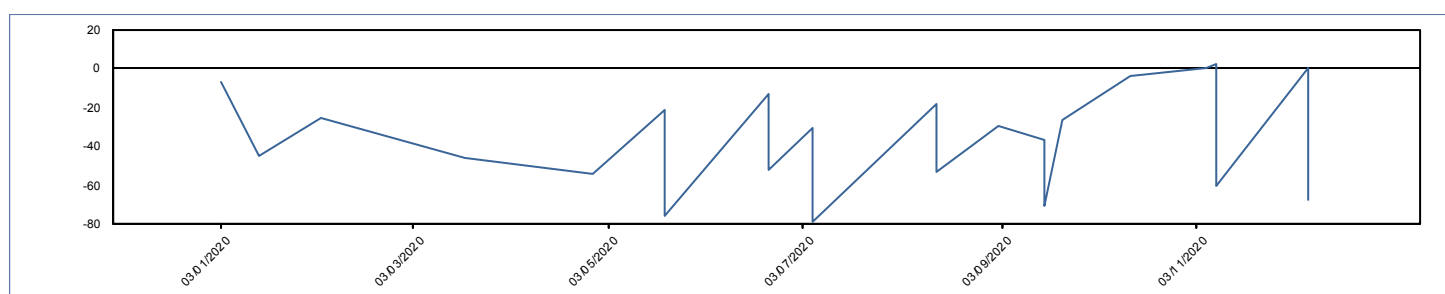
CHIR0037

Number of readings

31

Number of breaches

0



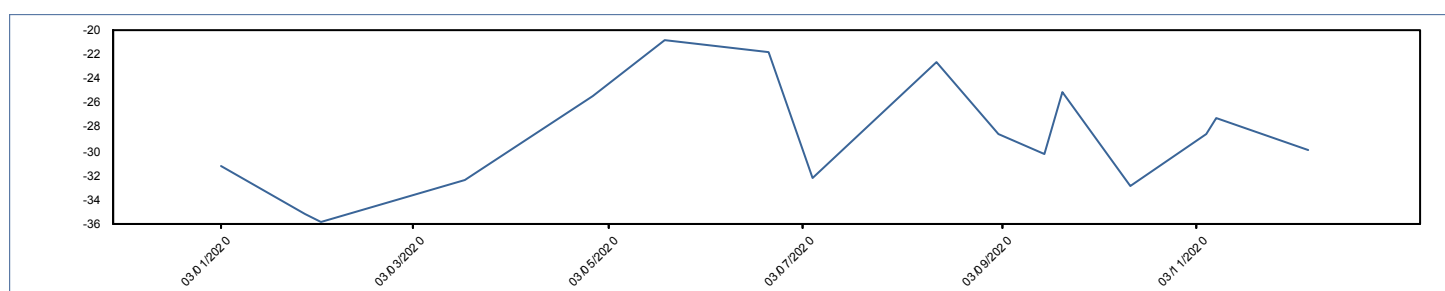
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

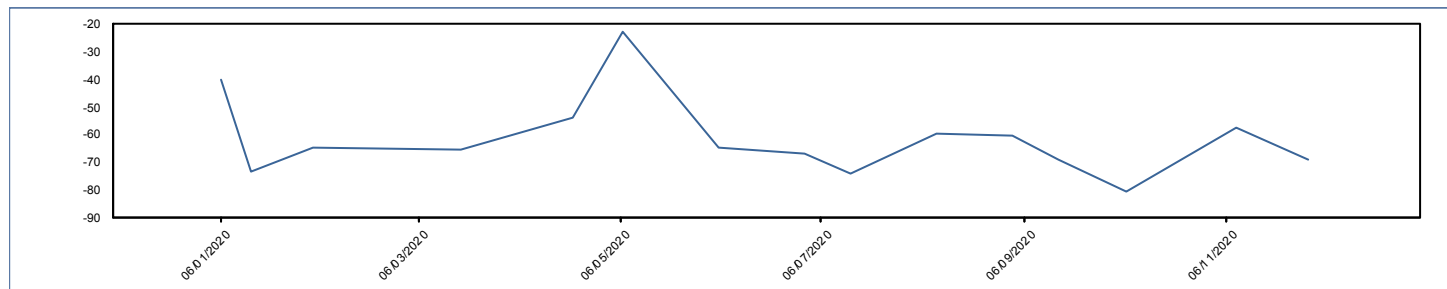
CHIR0043

Number of readings

15

Number of breaches

0



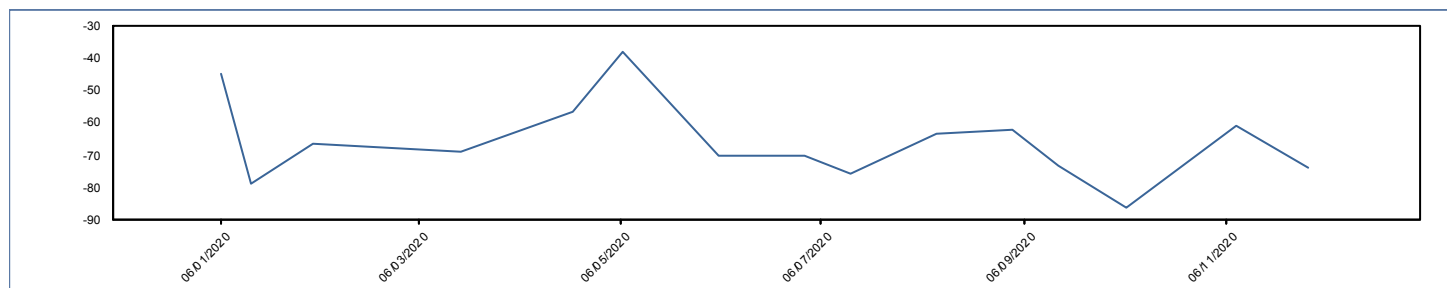
CHIR0055

Number of readings

15

Number of breaches

0



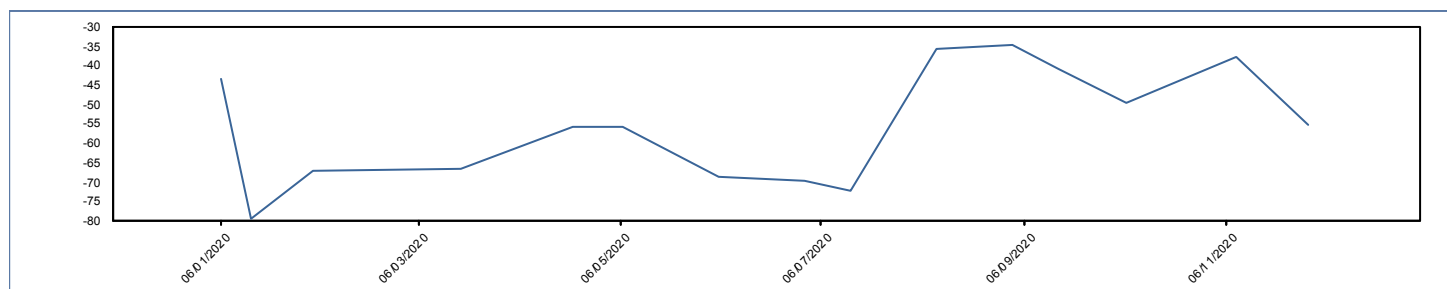
CHIR0069

Number of readings

15

Number of breaches

0



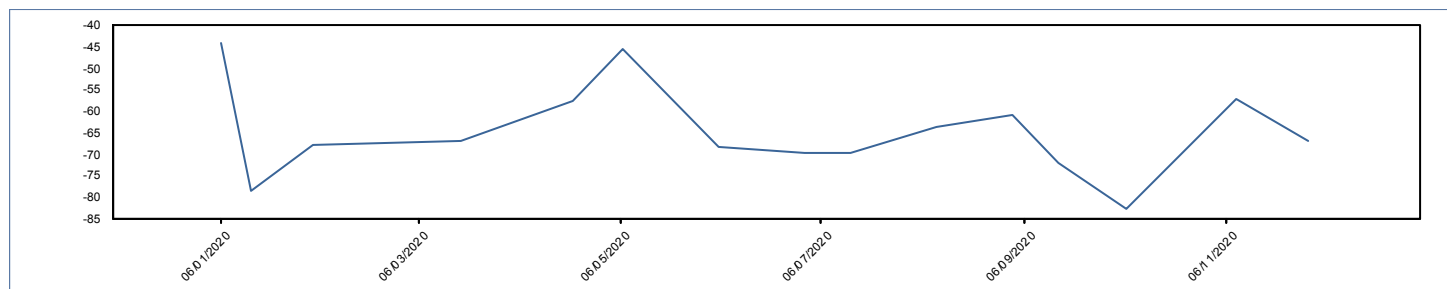
CHIR0070

Number of readings

15

Number of breaches

0



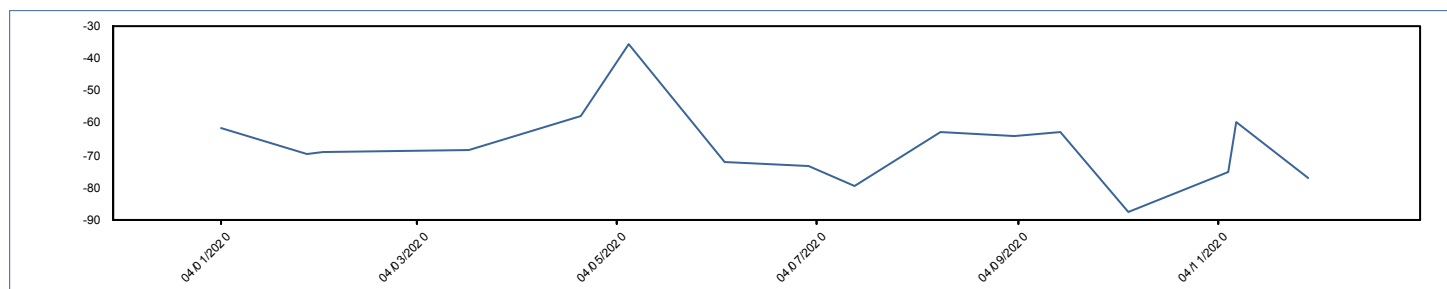
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

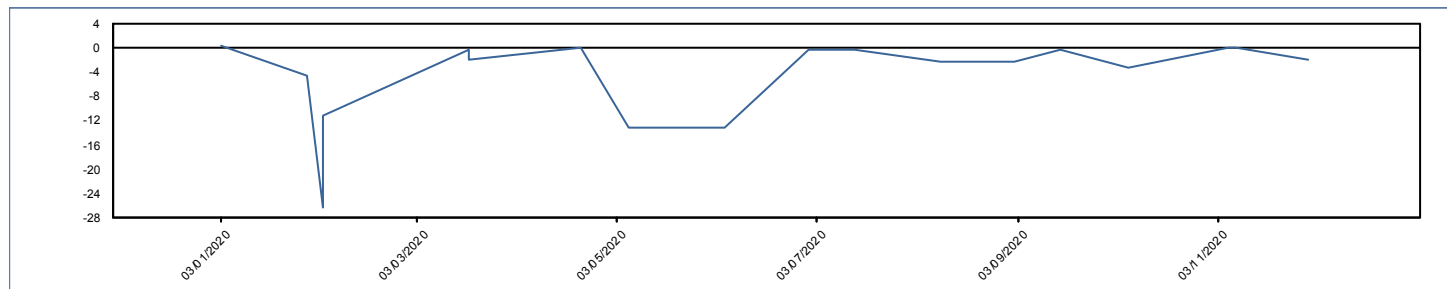
CHIR0073

Number of readings

18

Number of breaches

0



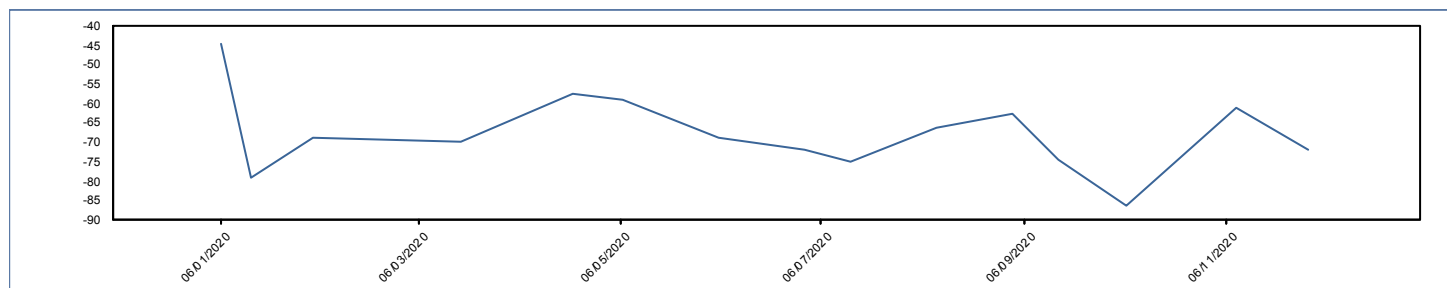
CHIR0074

Number of readings

15

Number of breaches

0



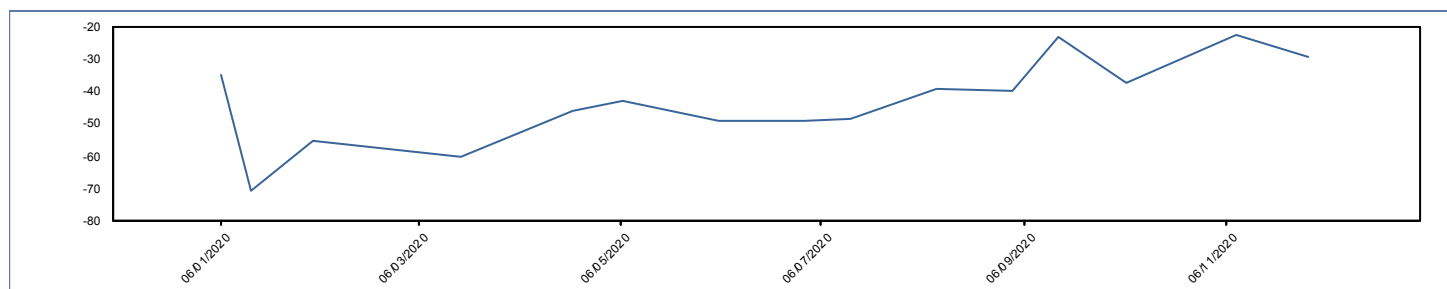
CHIR0079

Number of readings

15

Number of breaches

0



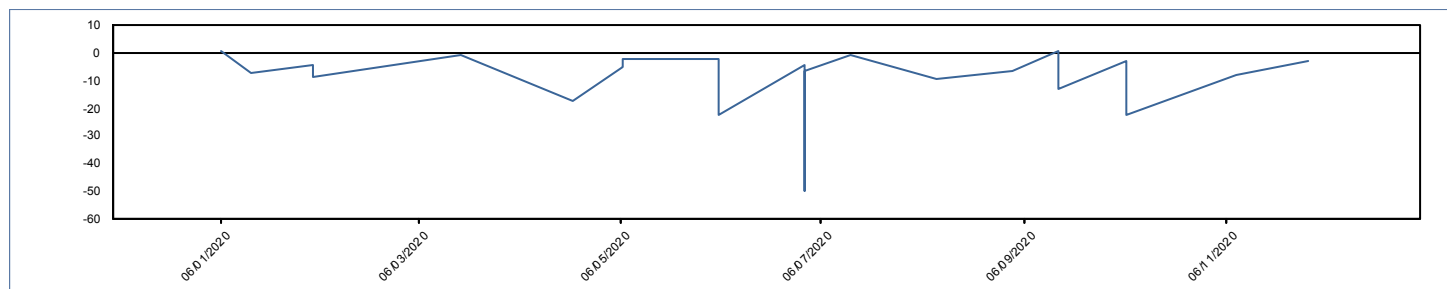
CHIR0080

Number of readings

23

Number of breaches

0



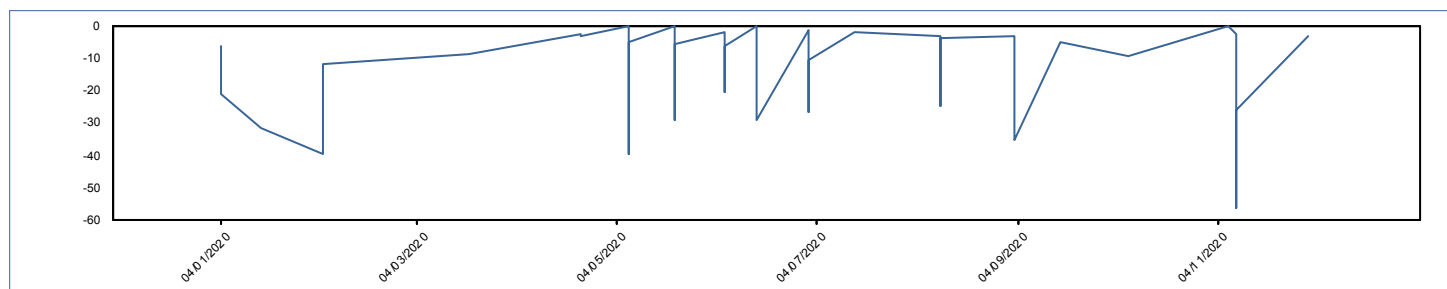
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

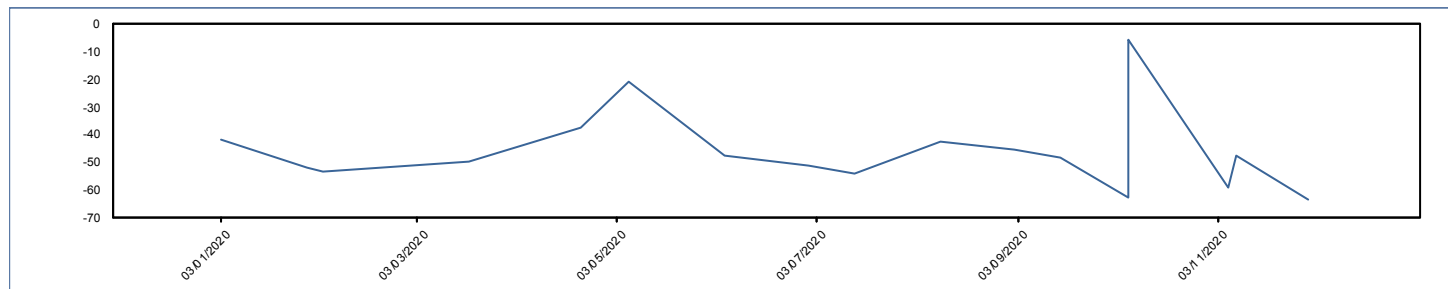
CHIR0091

Number of readings

17

Number of breaches

0



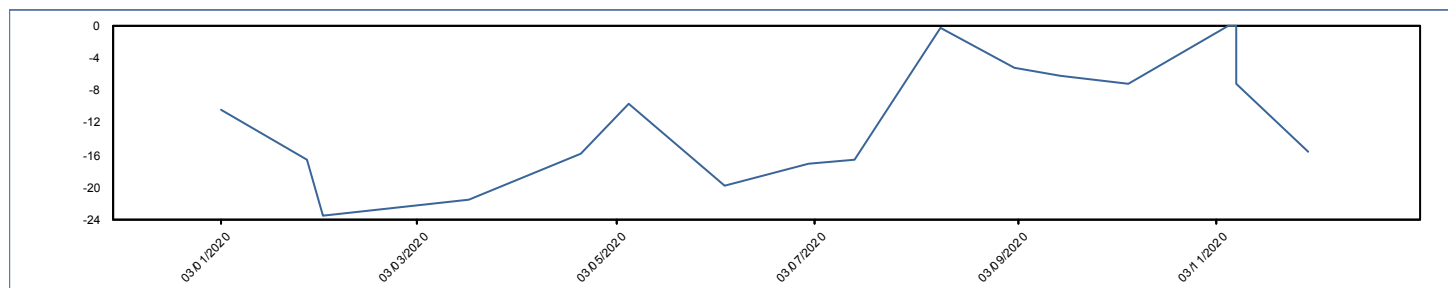
CHIR0093

Number of readings

17

Number of breaches

0



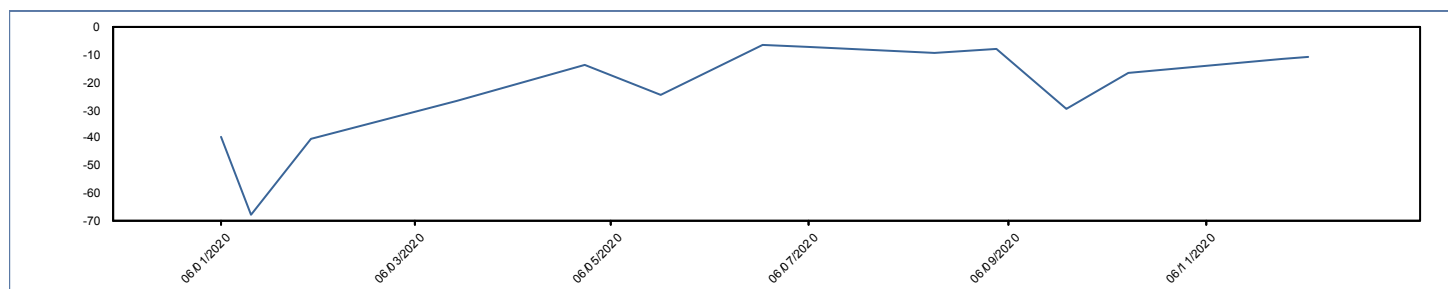
CHIR252R

Number of readings

14

Number of breaches

0



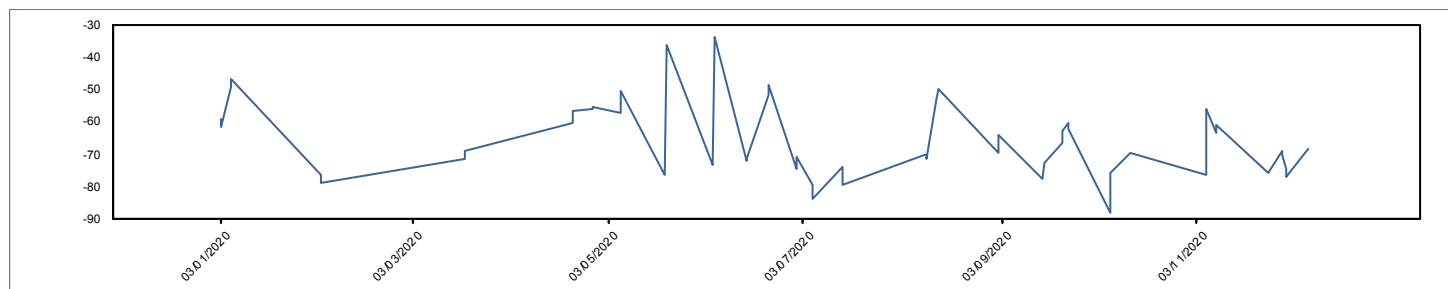
CHISITE1

Number of readings

57

Number of breaches

0



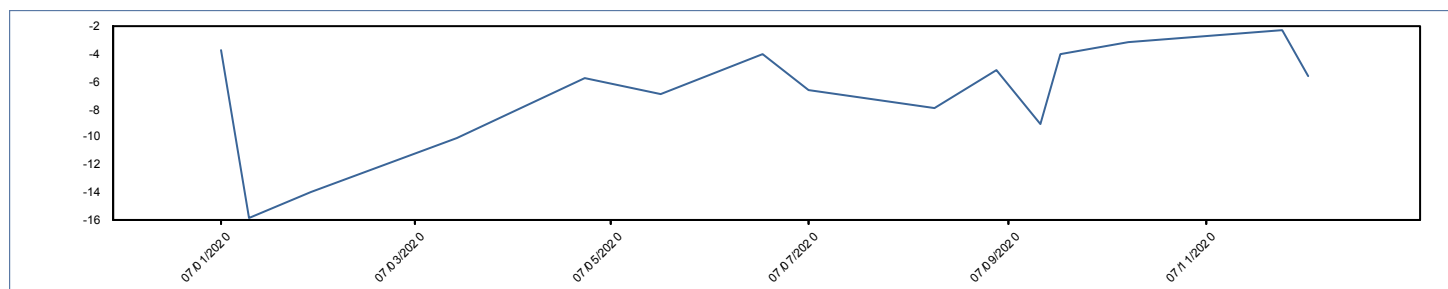
CHIW0064

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

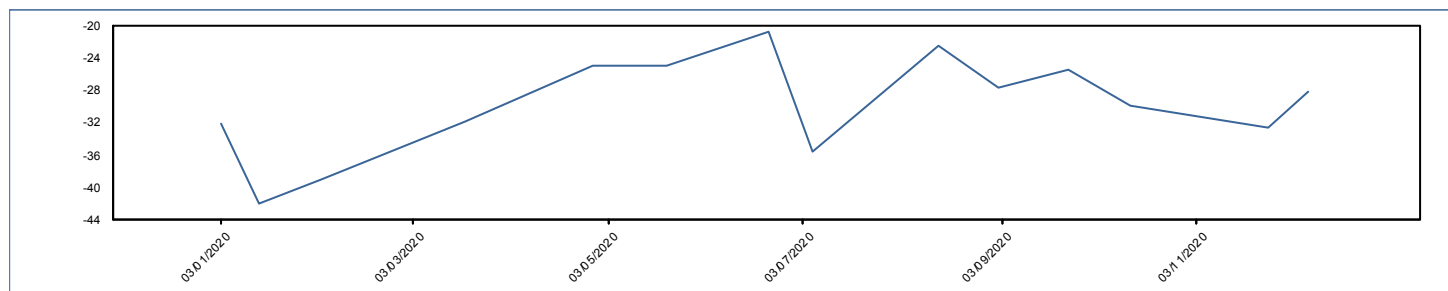
CHIWO065

Number of readings

14

Number of breaches

0



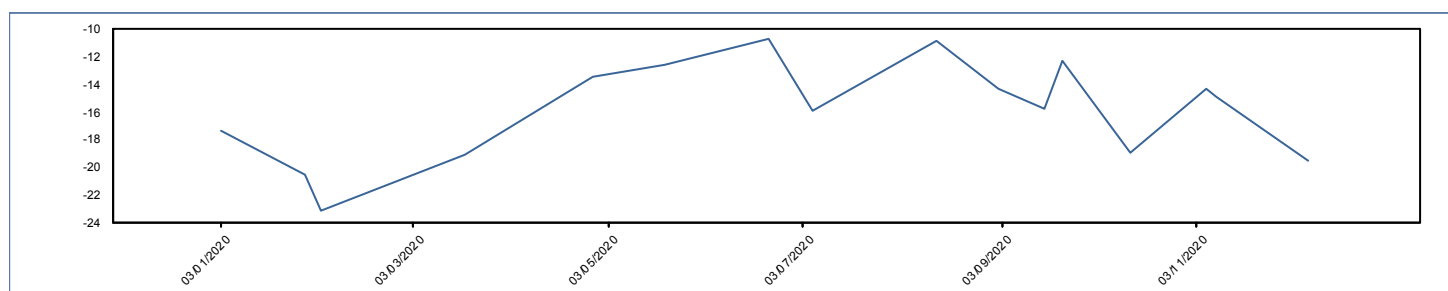
CHIWO066

Number of readings

16

Number of breaches

0



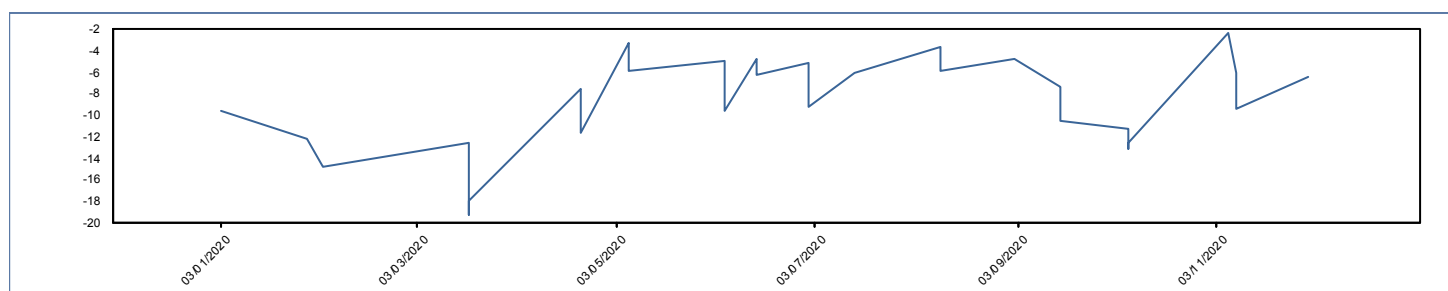
CHIWO067

Number of readings

37

Number of breaches

0



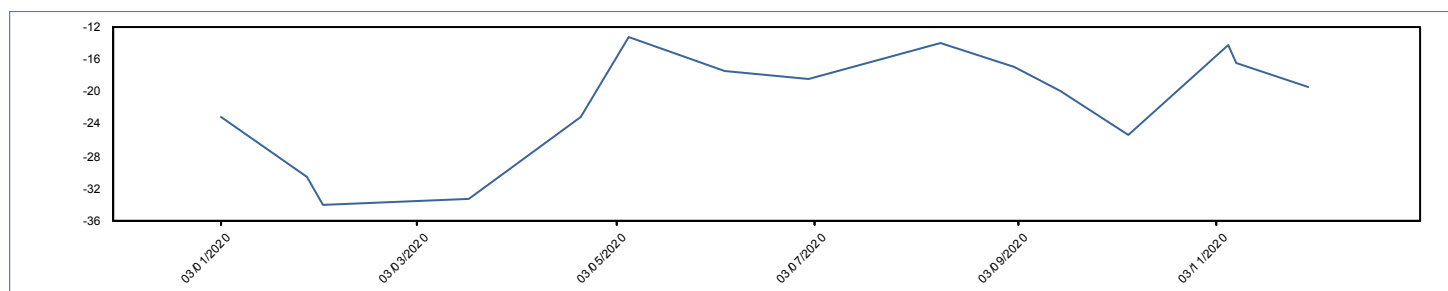
CHIWO068

Number of readings

15

Number of breaches

0



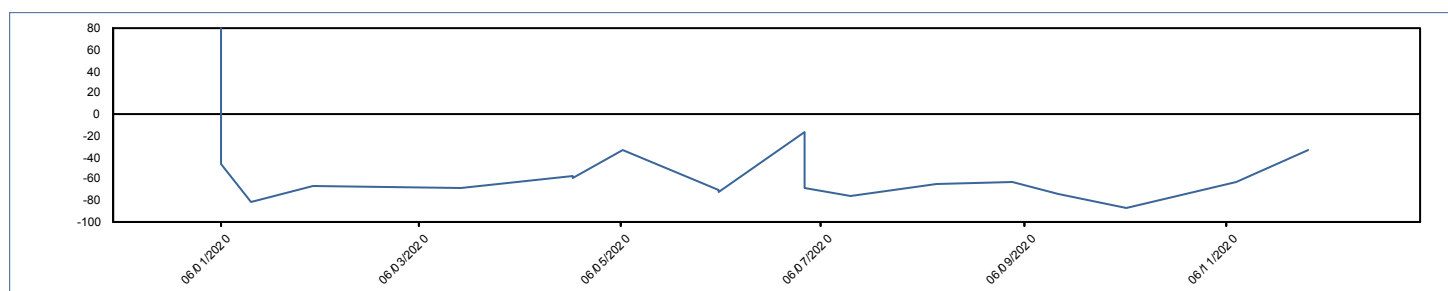
CHIWO078

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

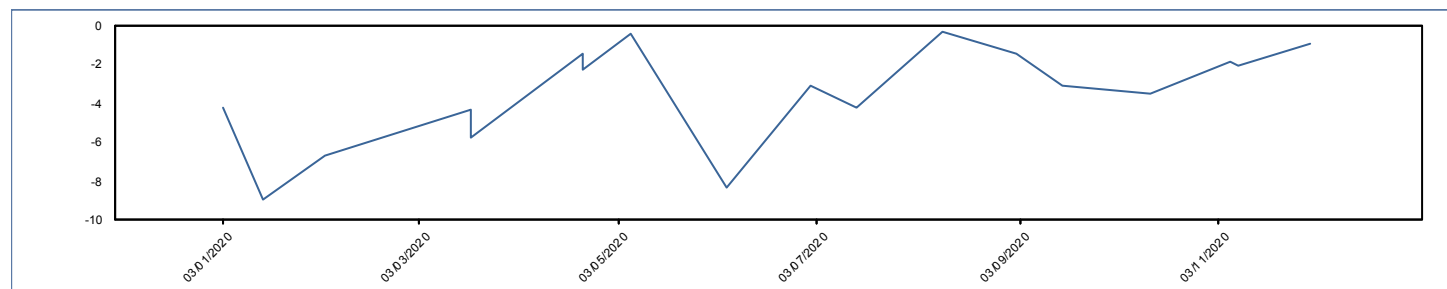
CHI0082

Number of readings

19

Number of breaches

0



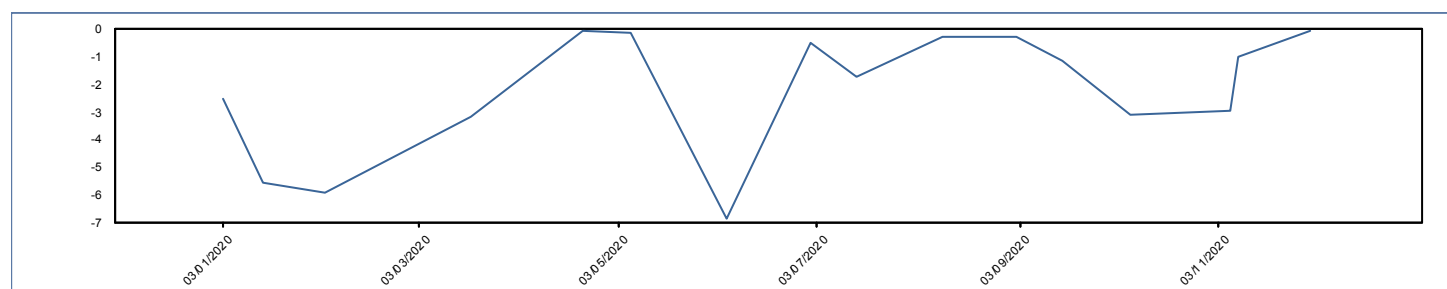
CHI0083

Number of readings

16

Number of breaches

0



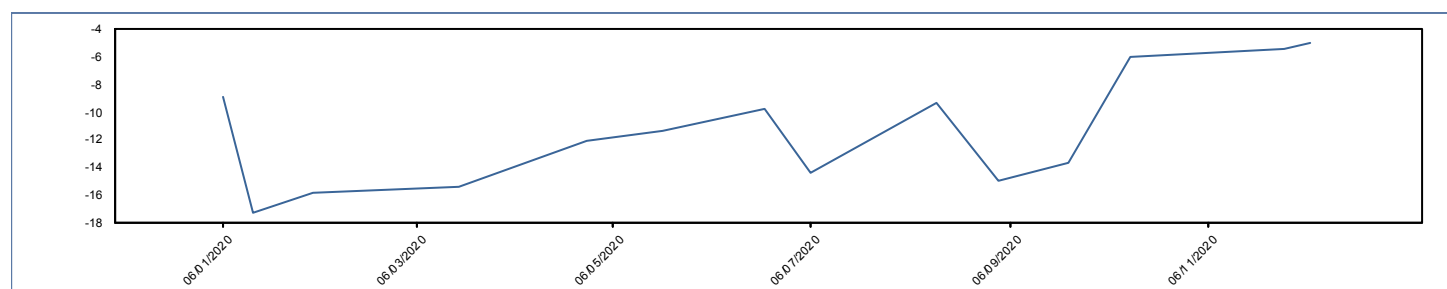
CHI0084

Number of readings

14

Number of breaches

0



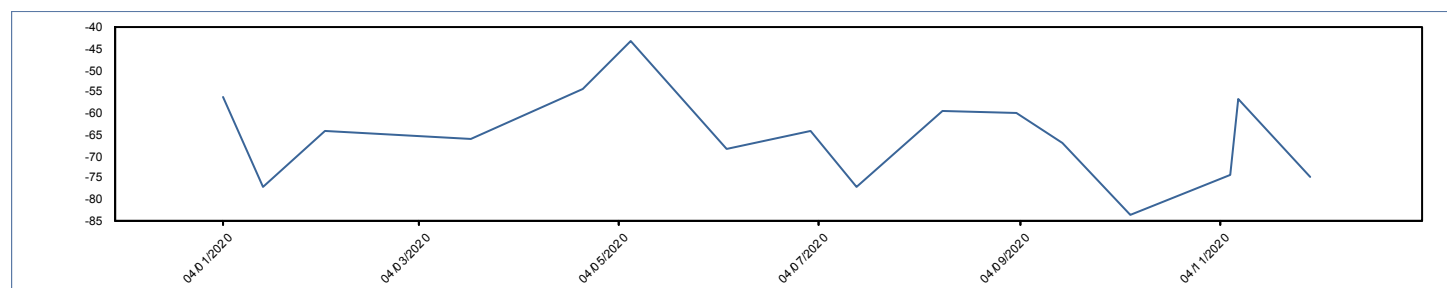
CHI0089

Number of readings

16

Number of breaches

0



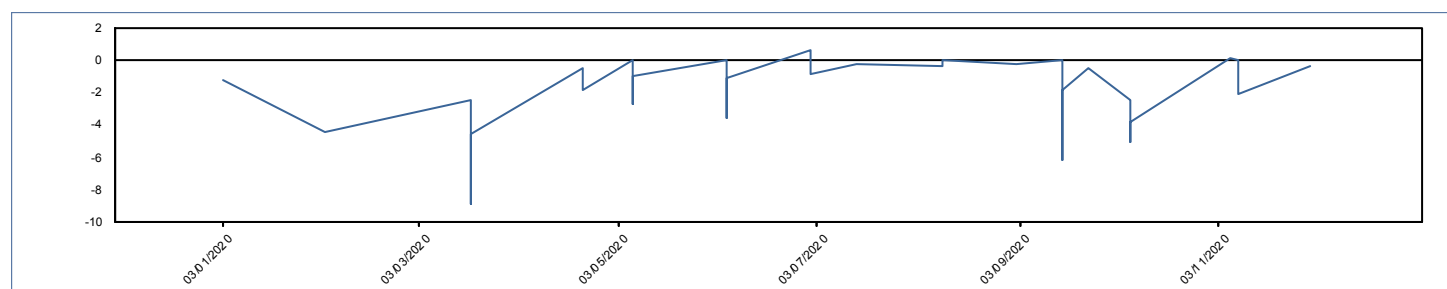
CHI0094

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

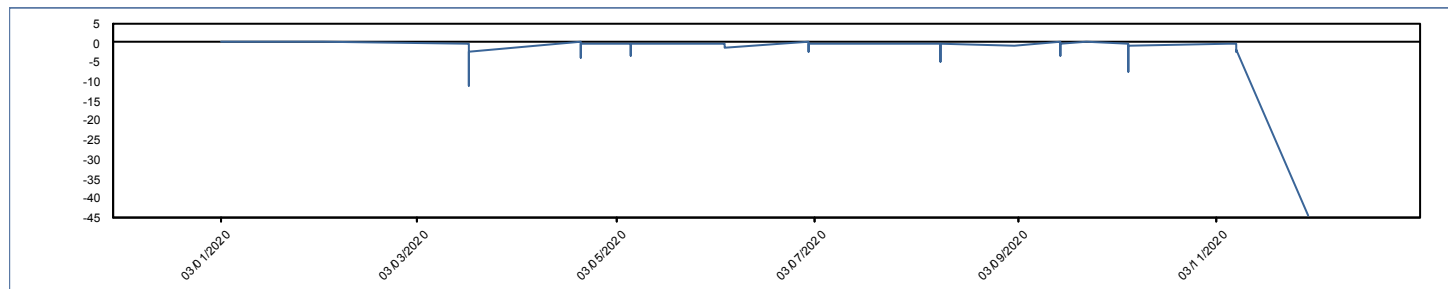
CHI0097

Number of readings

34

Number of breaches

0



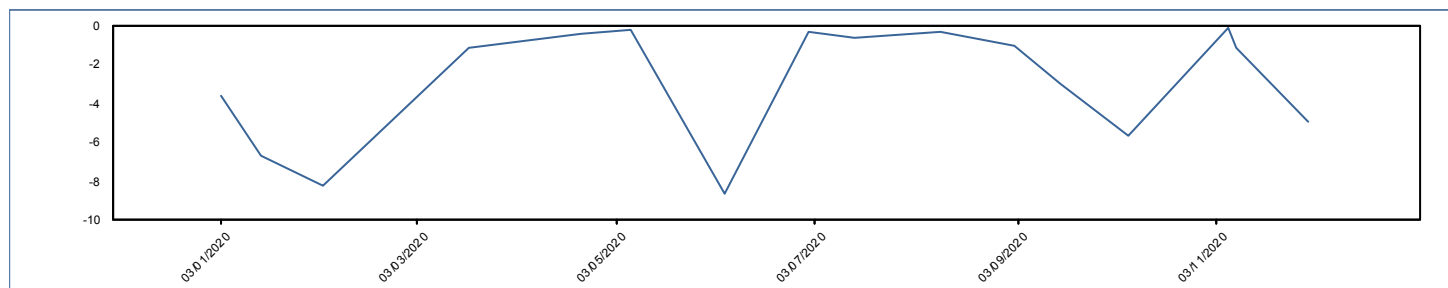
CHI0098

Number of readings

16

Number of breaches

0



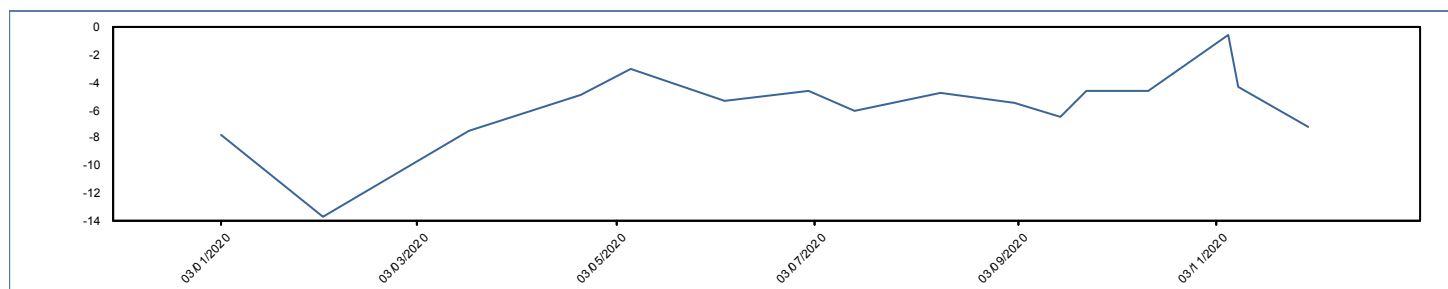
CHI0099

Number of readings

16

Number of breaches

0



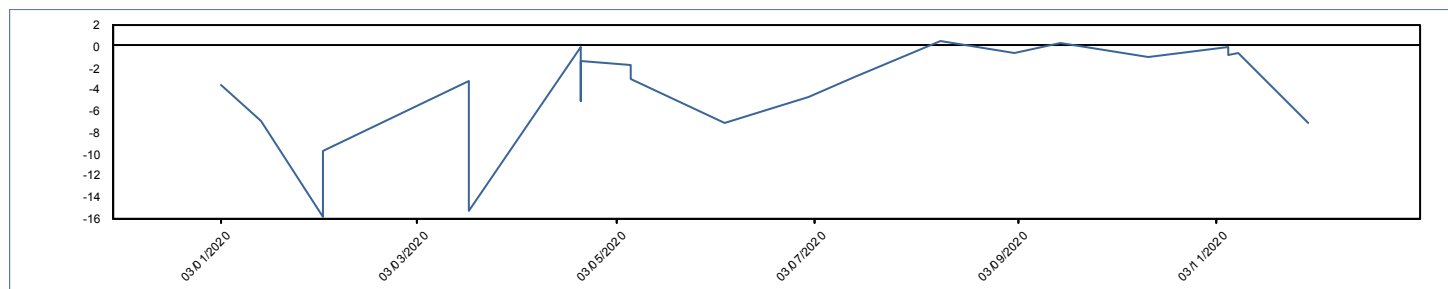
CHI0100

Number of readings

22

Number of breaches

0



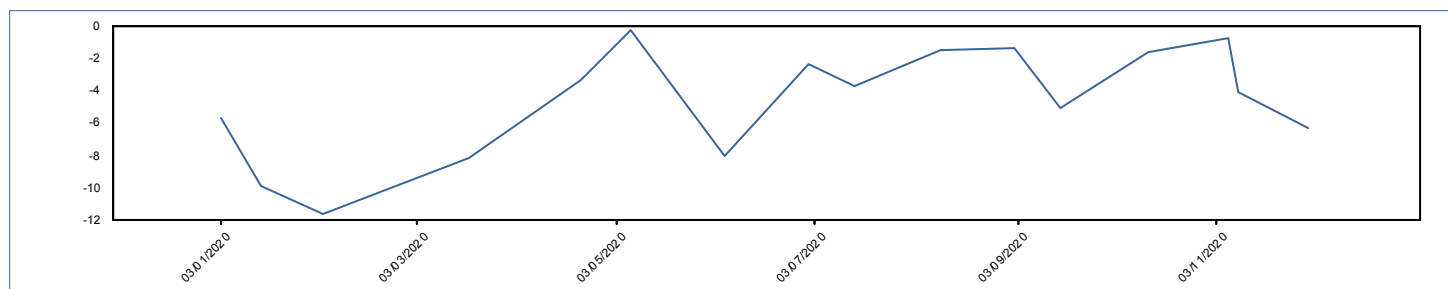
CHI0101

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

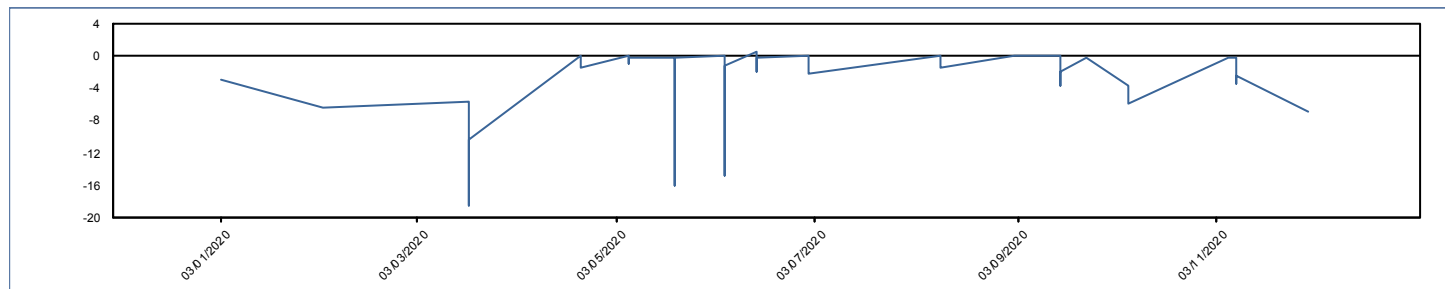
CHI0102

Number of readings

39

Number of breaches

0



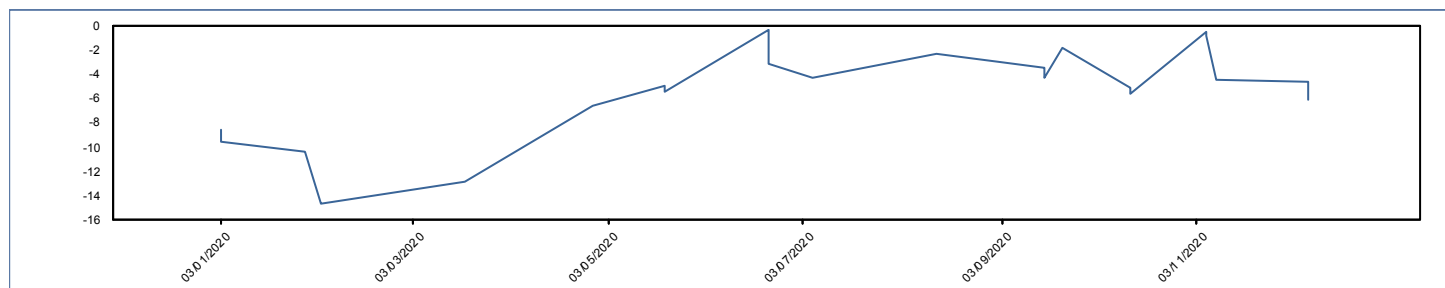
CHI0103

Number of readings

24

Number of breaches

0



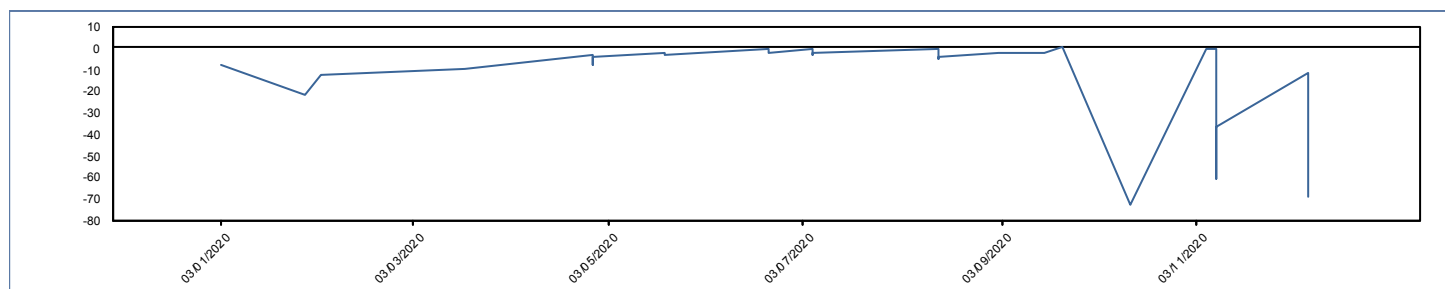
CHI0104

Number of readings

30

Number of breaches

0



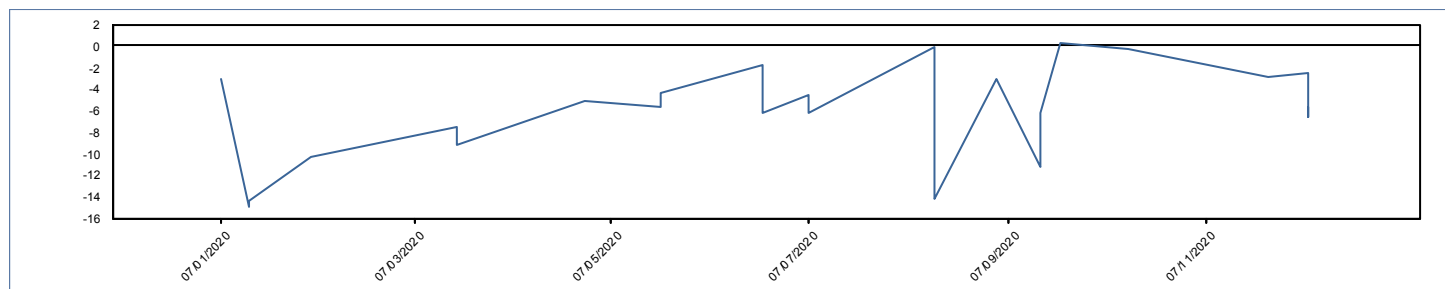
CHI0105

Number of readings

24

Number of breaches

0



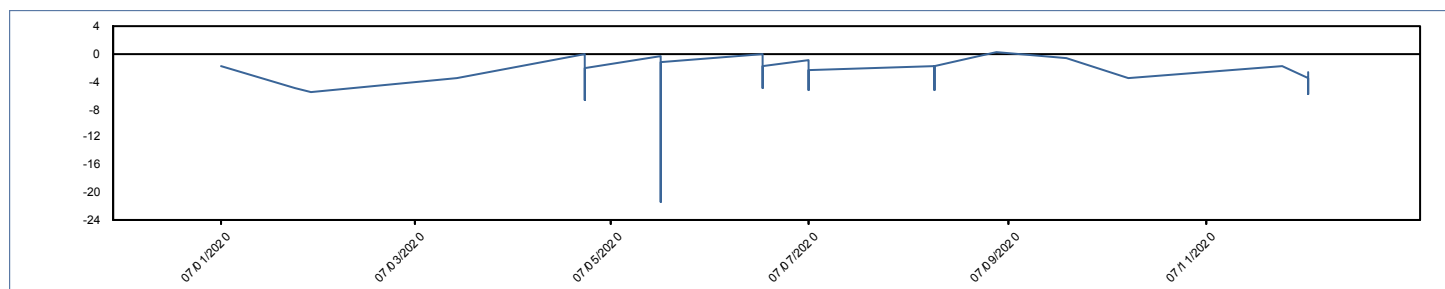
CHI0106

Number of readings

26

Number of breaches

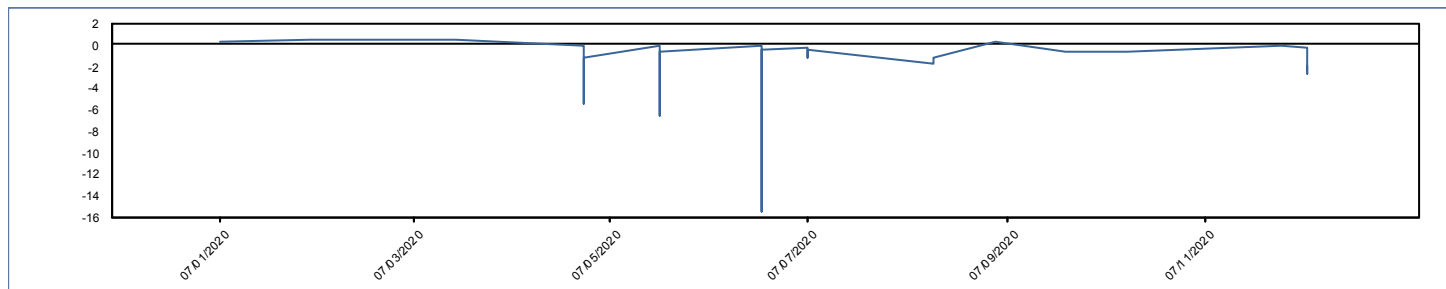
0



Data from: 1 Jan 2020 to: 31 Dec 2020

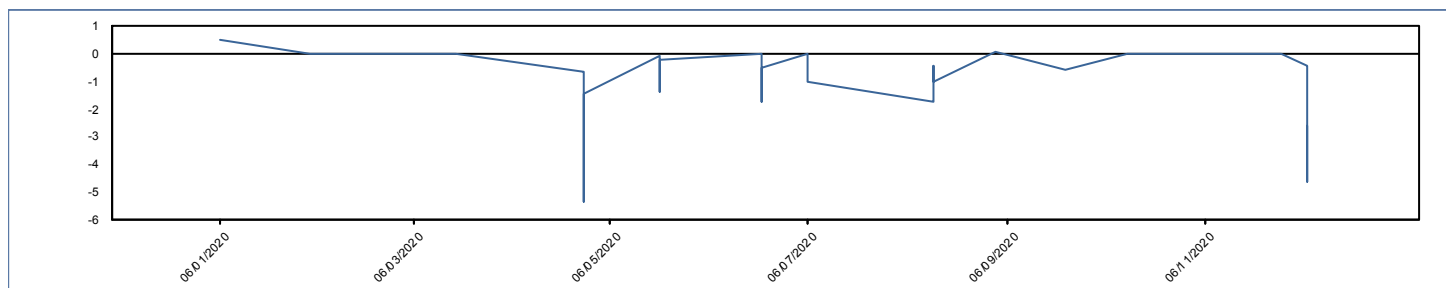
CHI0107

Number of readings 25 Number of breaches 0



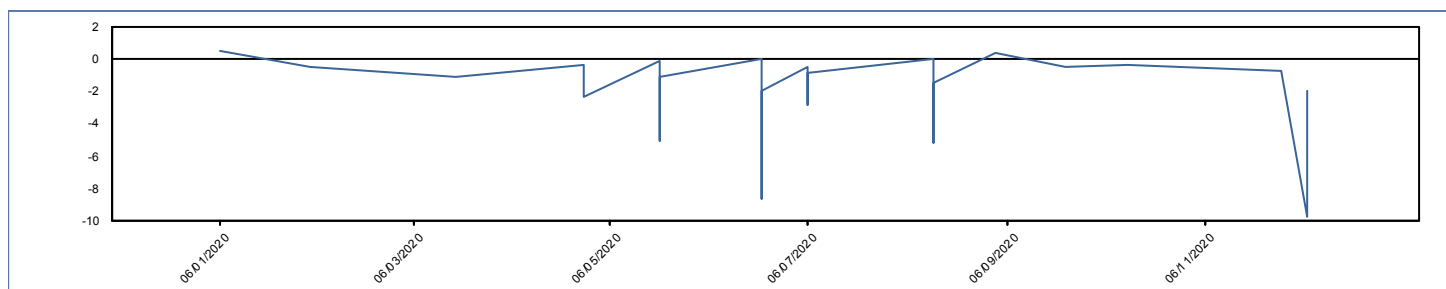
CHI0108

Number of readings 25 Number of breaches 0



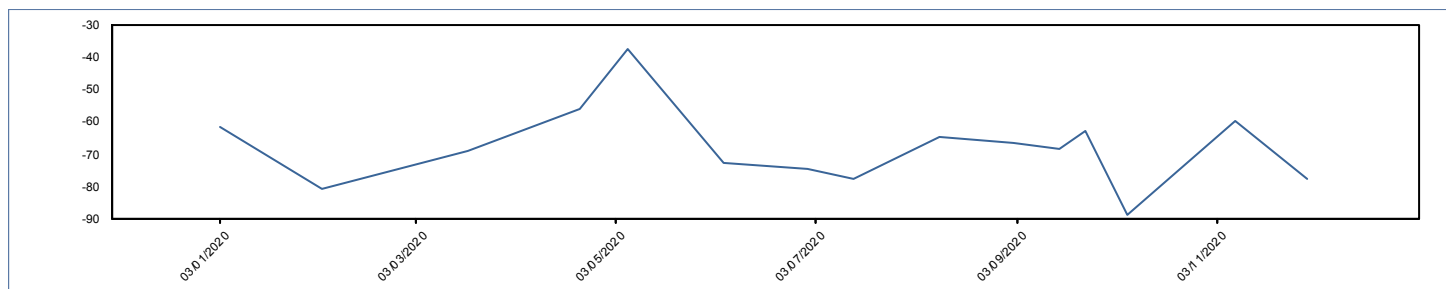
CHI0109

Number of readings 25 Number of breaches 0



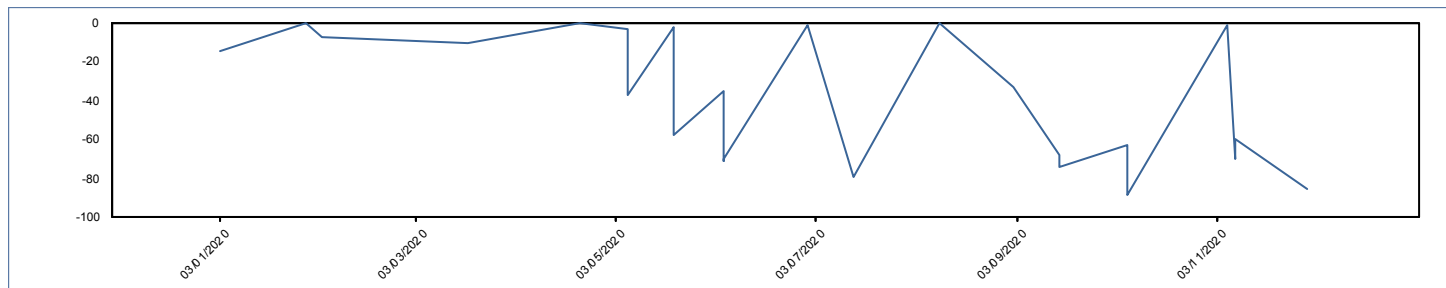
CHI0110

Number of readings 15 Number of breaches 0



CHI0111

Number of readings 28 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

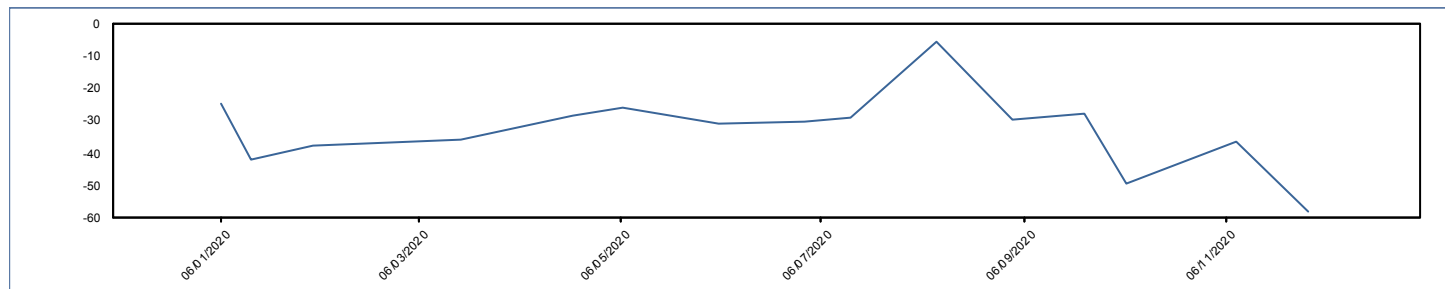
CHI0112

Number of readings

15

Number of breaches

0



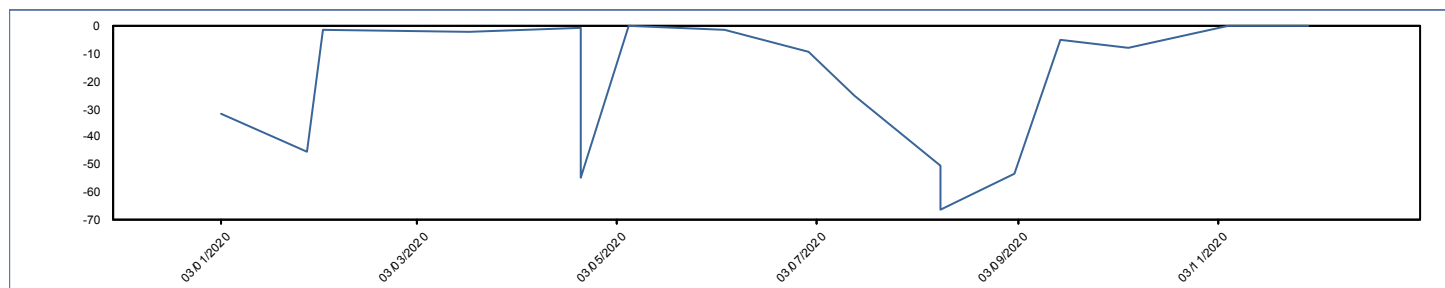
CHI0113

Number of readings

20

Number of breaches

0



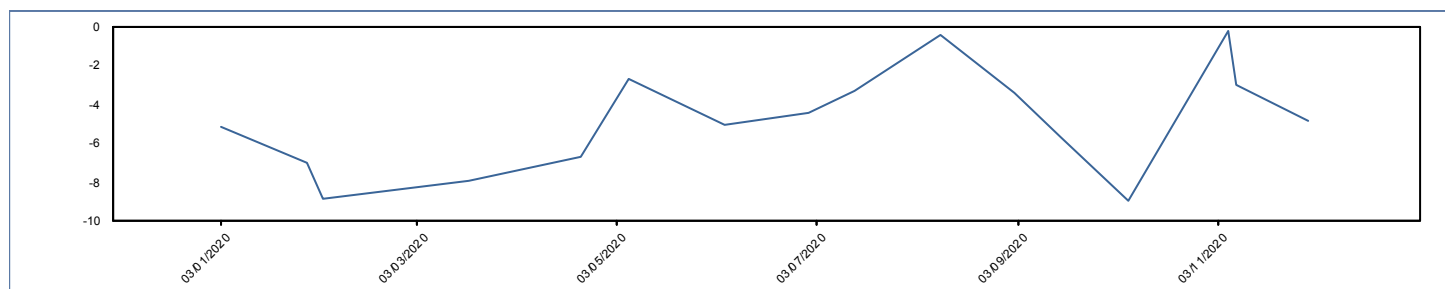
CHI0115

Number of readings

16

Number of breaches

0



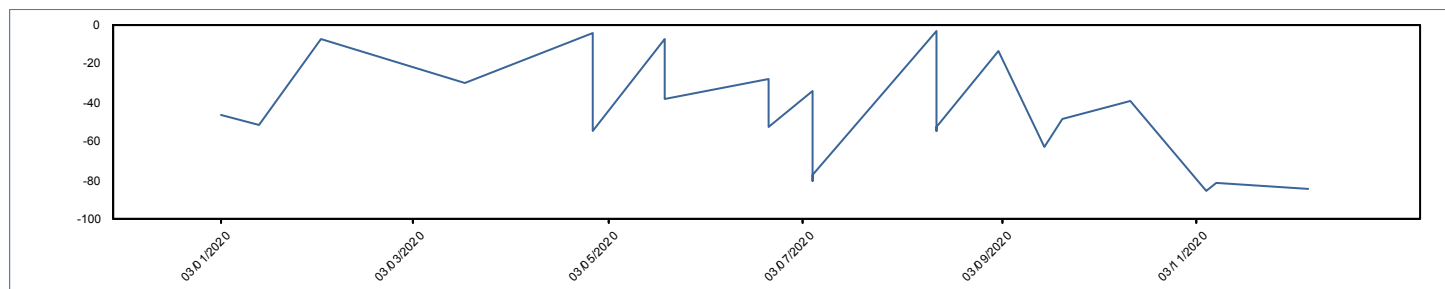
CHI0116

Number of readings

26

Number of breaches

0



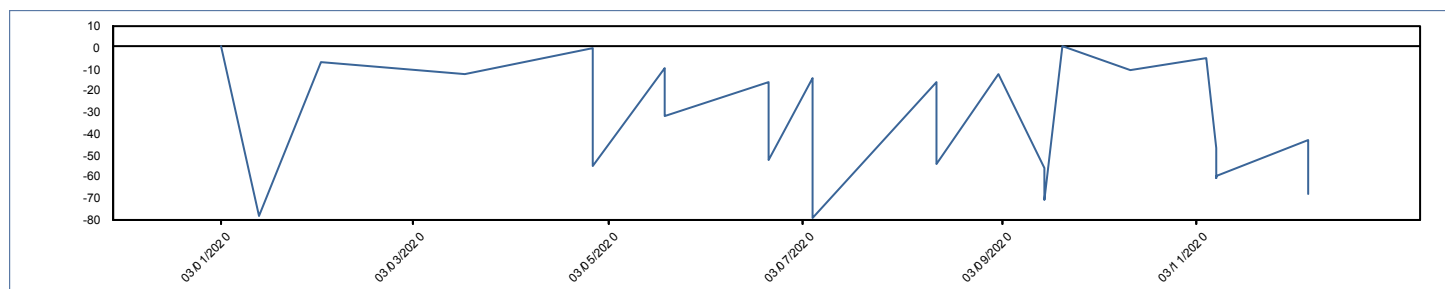
CHI0117

Number of readings

32

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

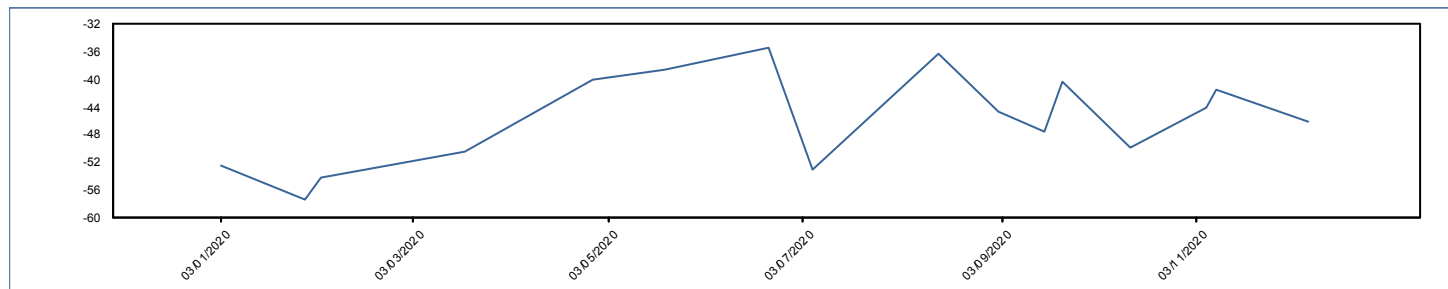
CHIWO118

Number of readings

16

Number of breaches

0



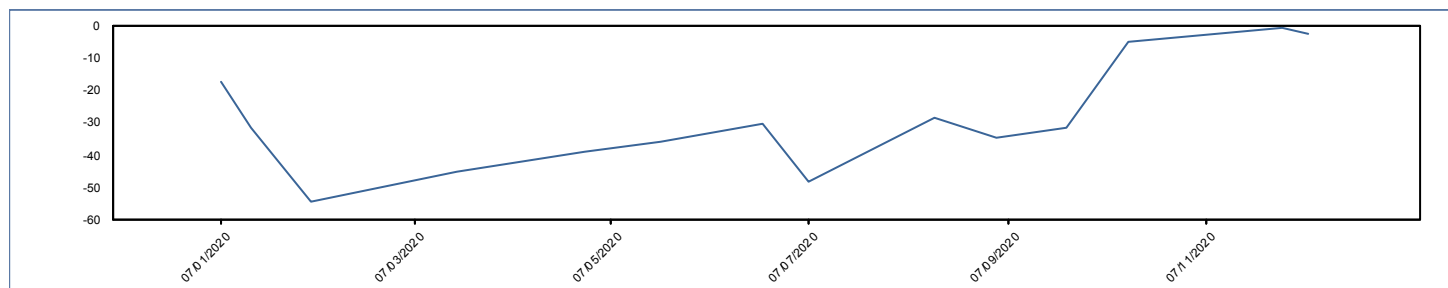
CHIWO120

Number of readings

14

Number of breaches

0



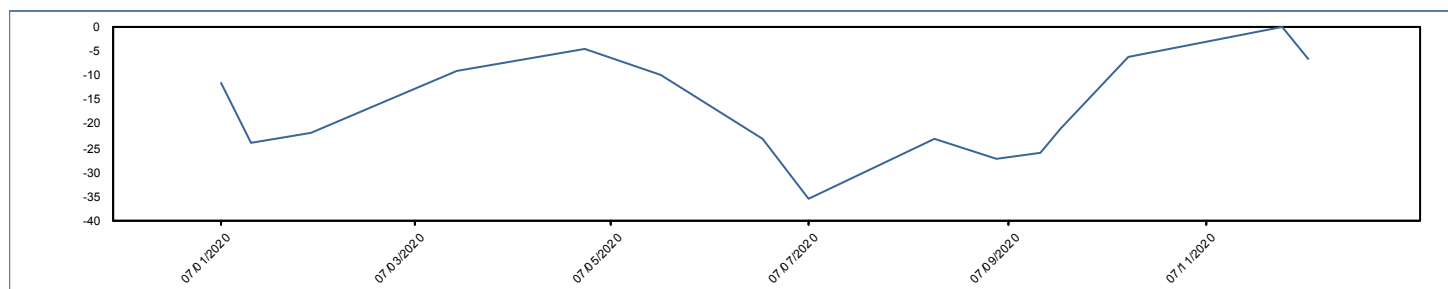
CHIWO121

Number of readings

15

Number of breaches

0



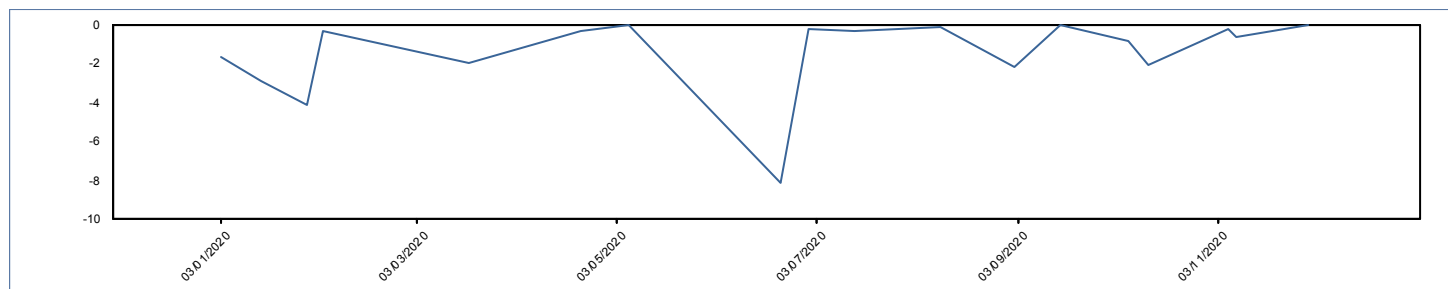
CHIWO123

Number of readings

18

Number of breaches

0



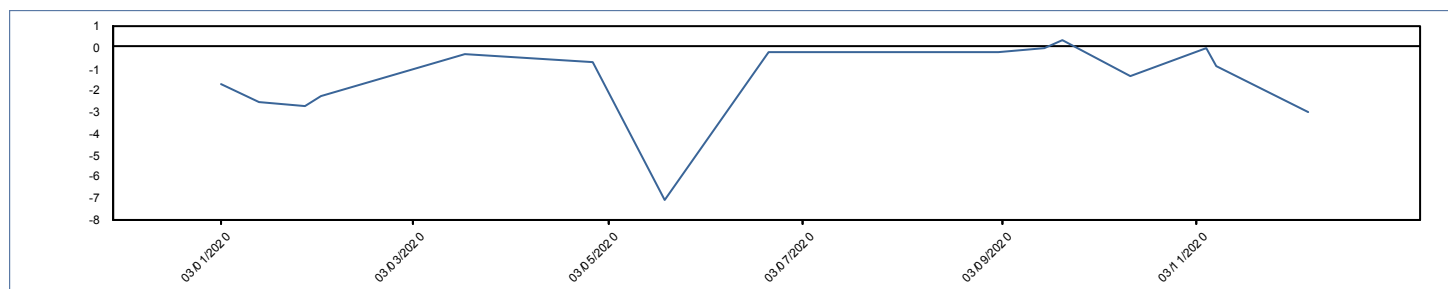
CHIWO124

Number of readings

17

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

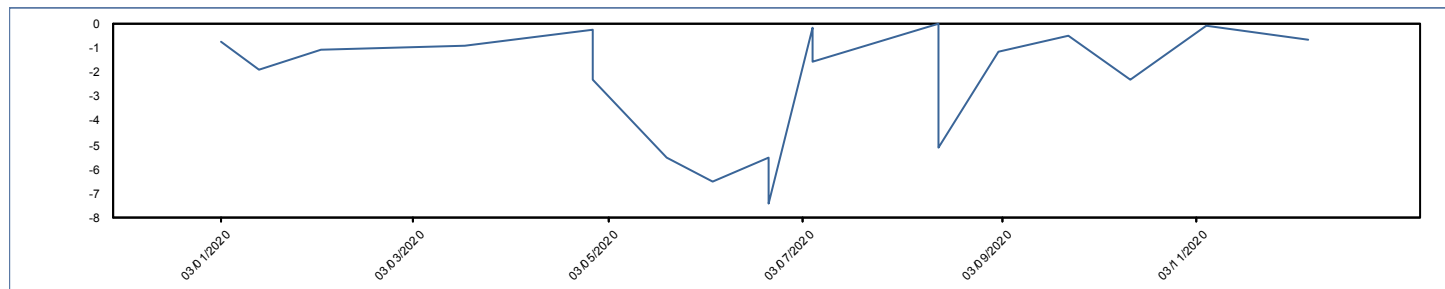
CHI0125

Number of readings

20

Number of breaches

0



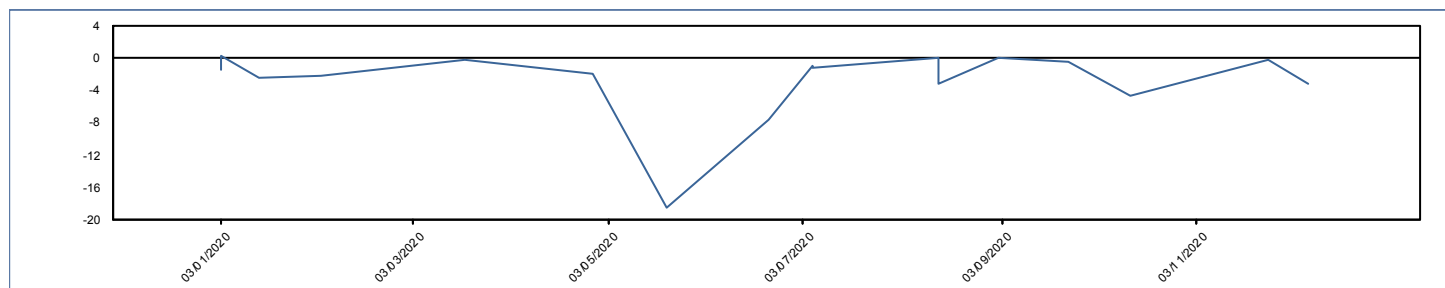
CHI0126

Number of readings

17

Number of breaches

0



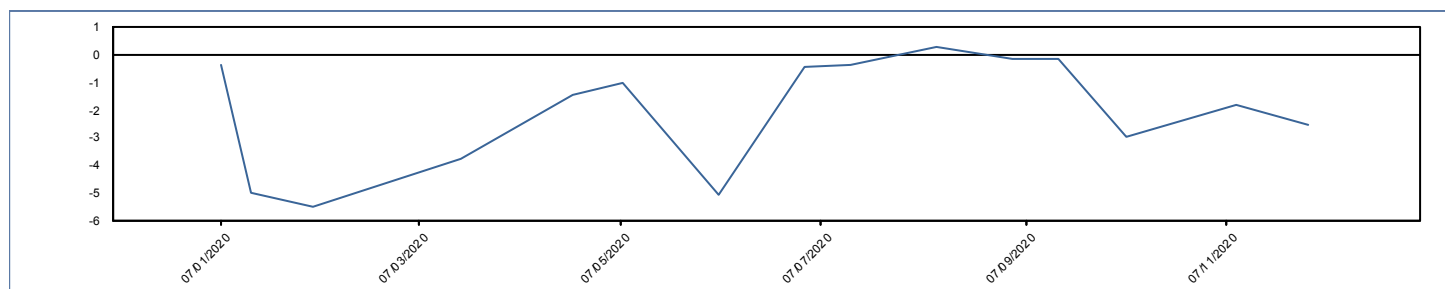
CHI0127

Number of readings

15

Number of breaches

0



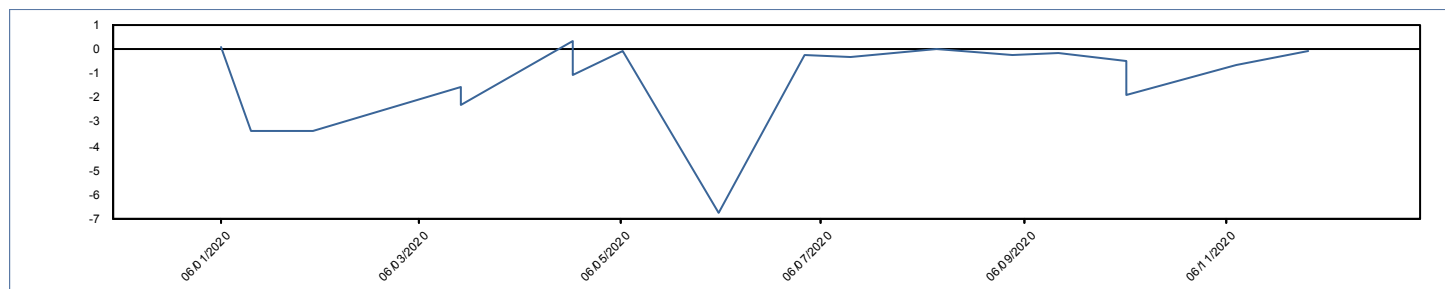
CHI0128

Number of readings

19

Number of breaches

0



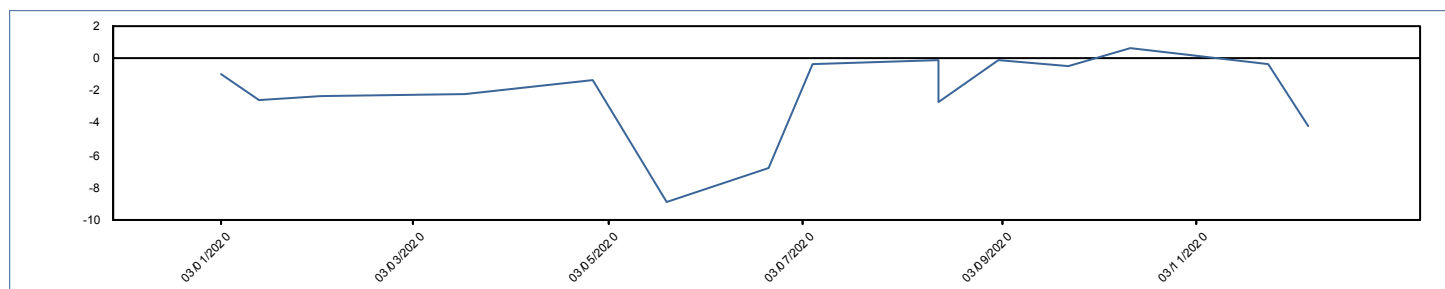
CHI01601

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

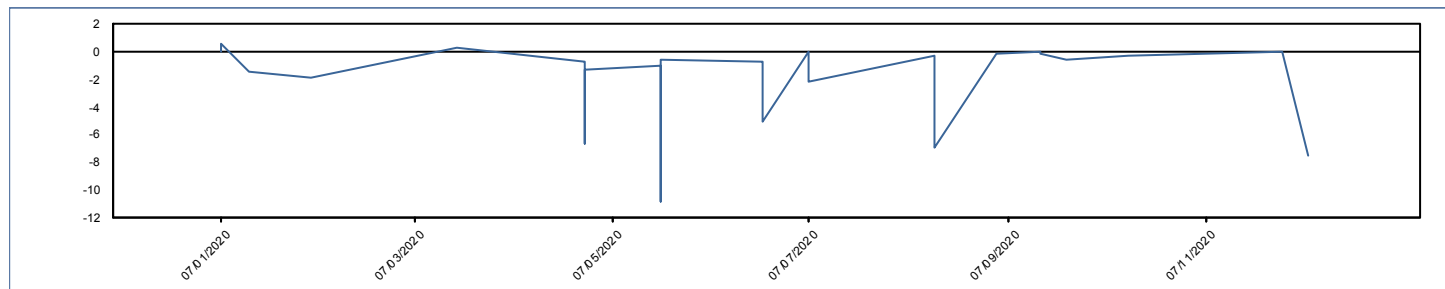
CHIWI1602

Number of readings

25

Number of breaches

0



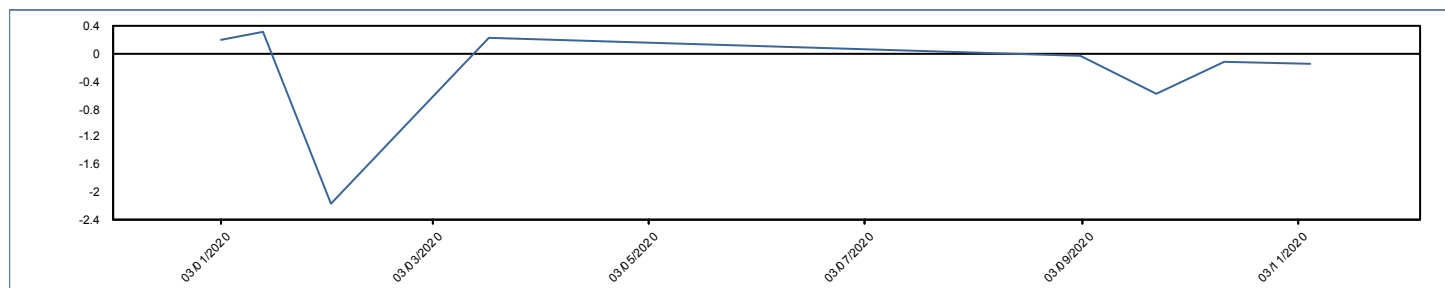
CHIWI1603

Number of readings

8

Number of breaches

0



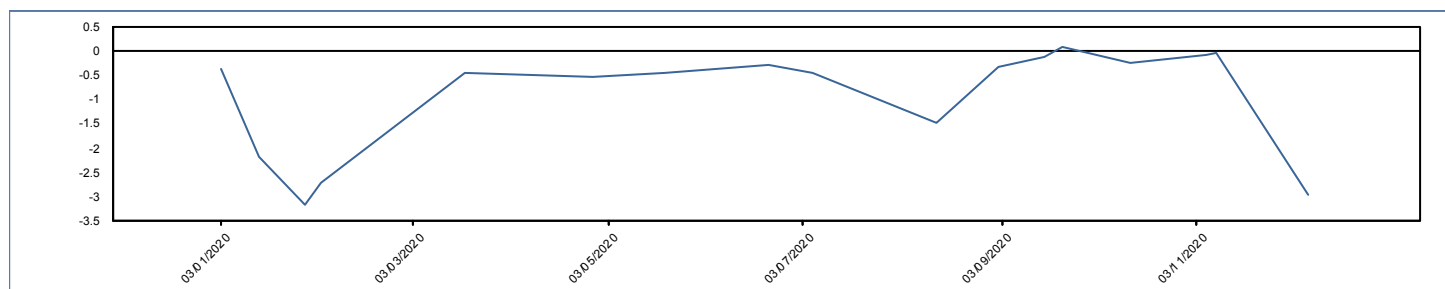
CHIWI1604

Number of readings

17

Number of breaches

0



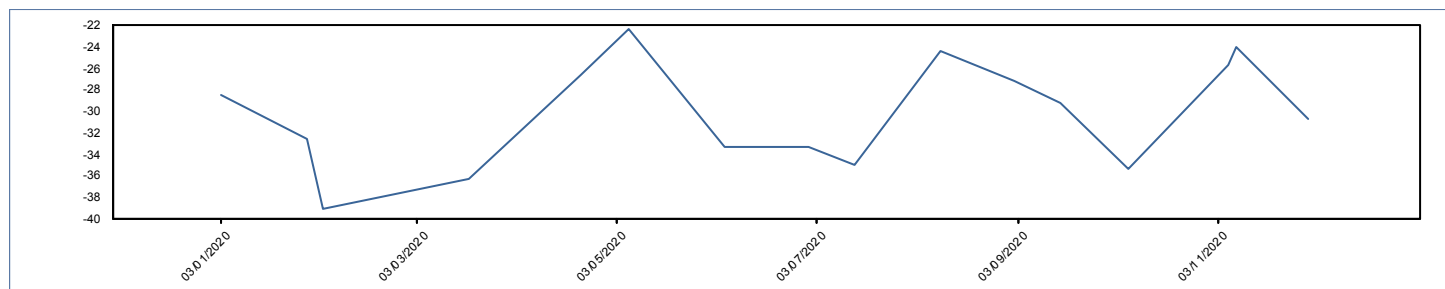
CHIWI1605

Number of readings

16

Number of breaches

0



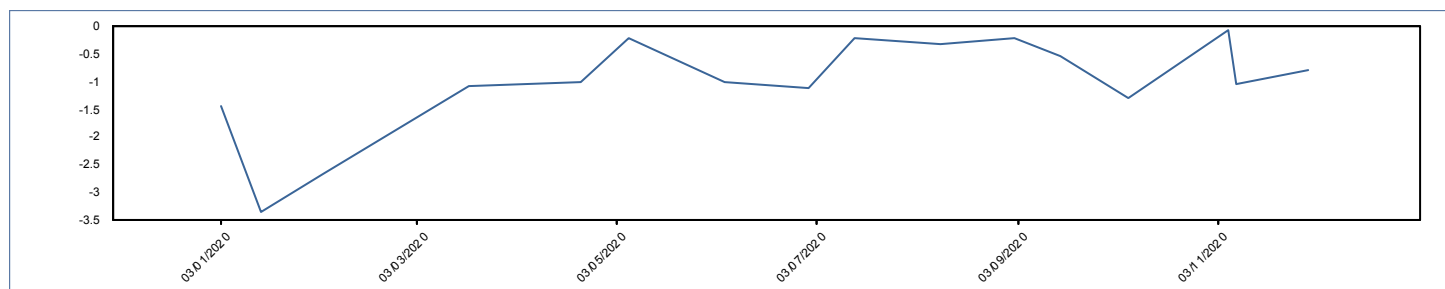
CHIWI1606

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

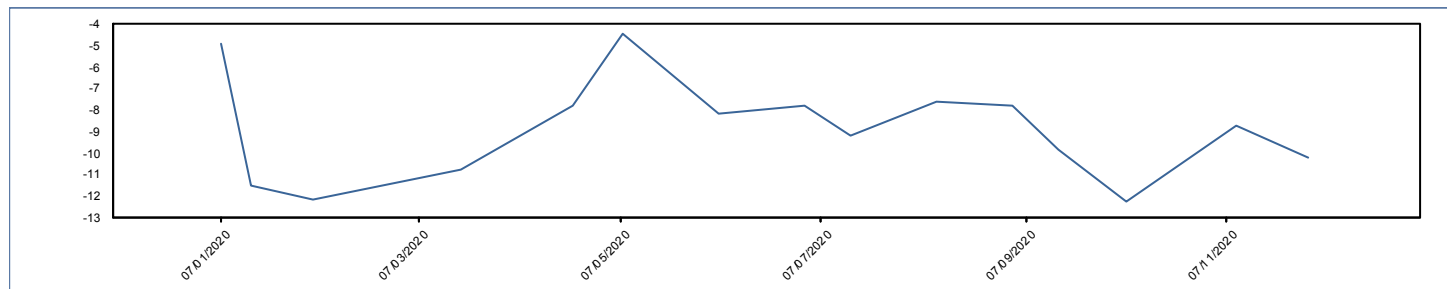
CHI1608

Number of readings

15

Number of breaches

0



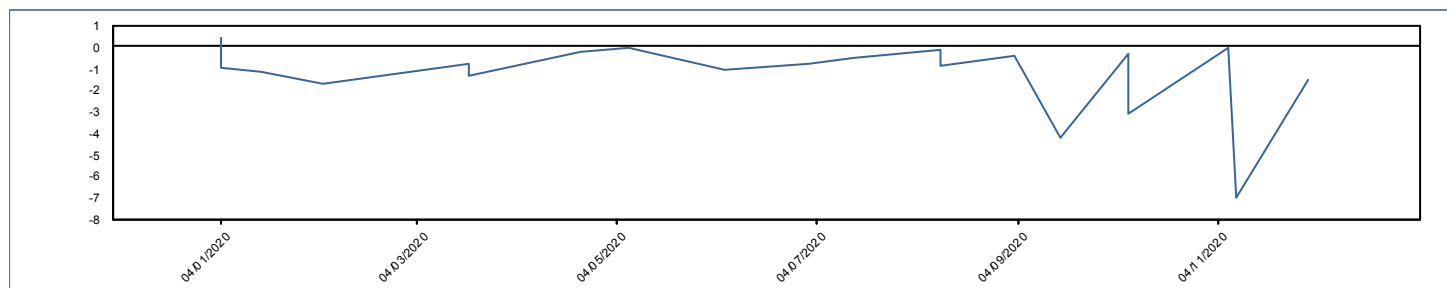
CHI1609

Number of readings

20

Number of breaches

0



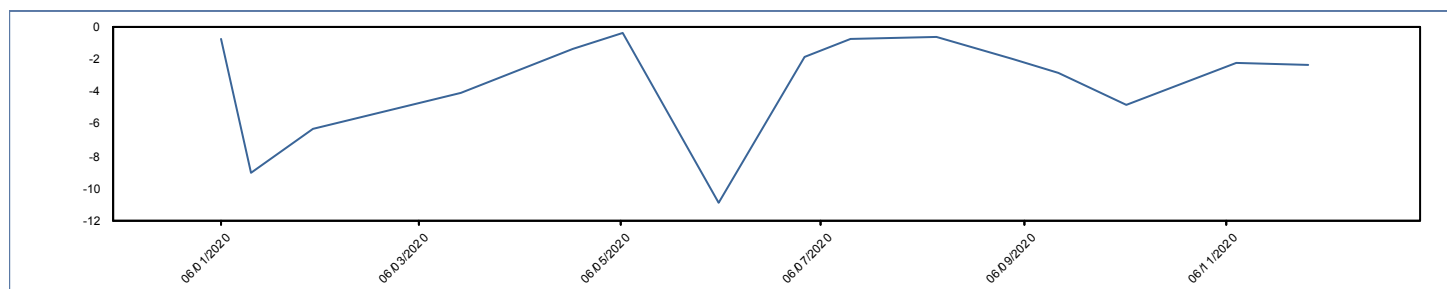
CHI1610

Number of readings

15

Number of breaches

0



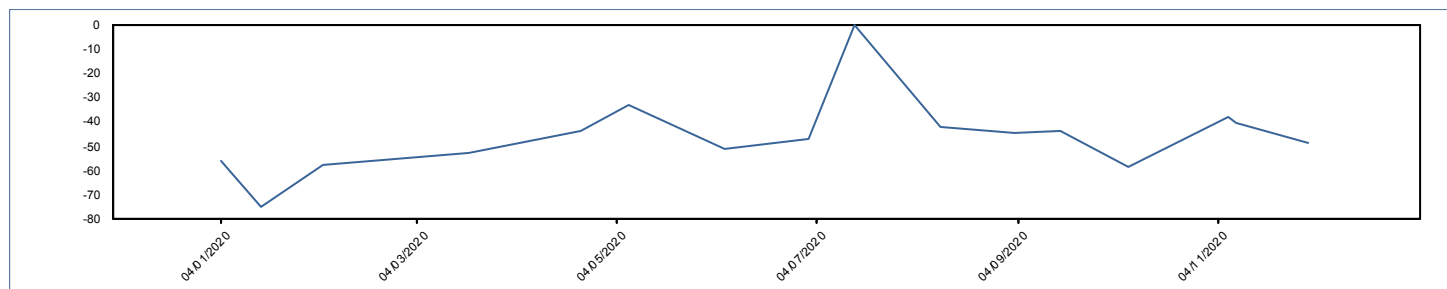
CHI1611

Number of readings

16

Number of breaches

0



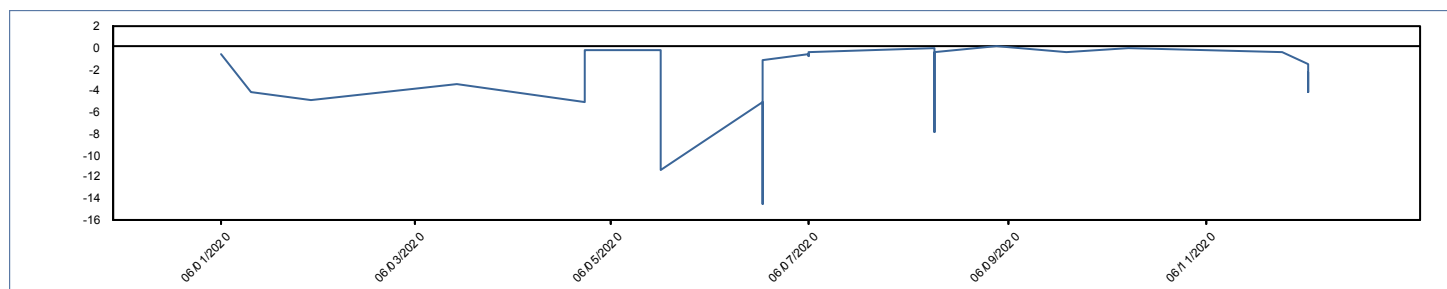
CHI1612

Number of readings

24

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

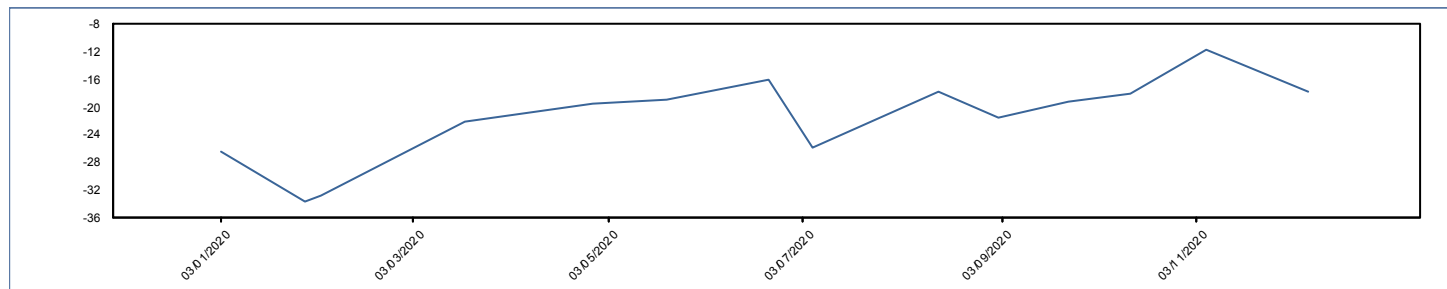
GW44

Number of readings

14

Number of breaches

0



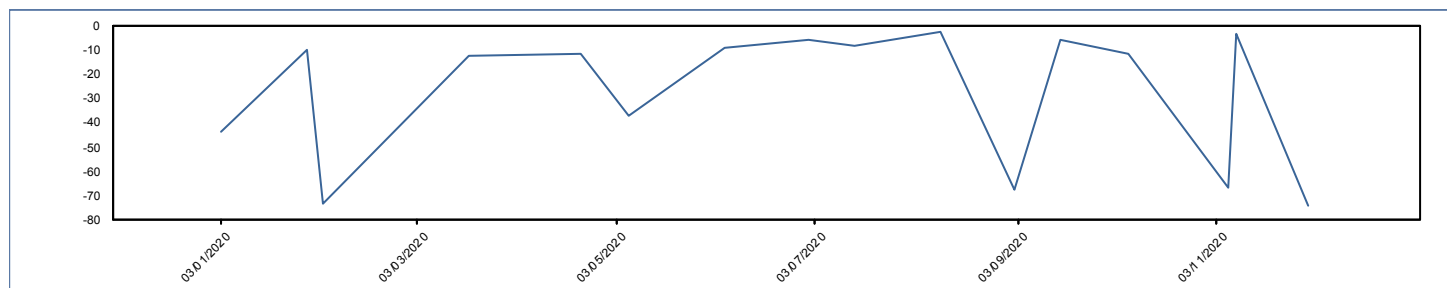
GW48

Number of readings

16

Number of breaches

0



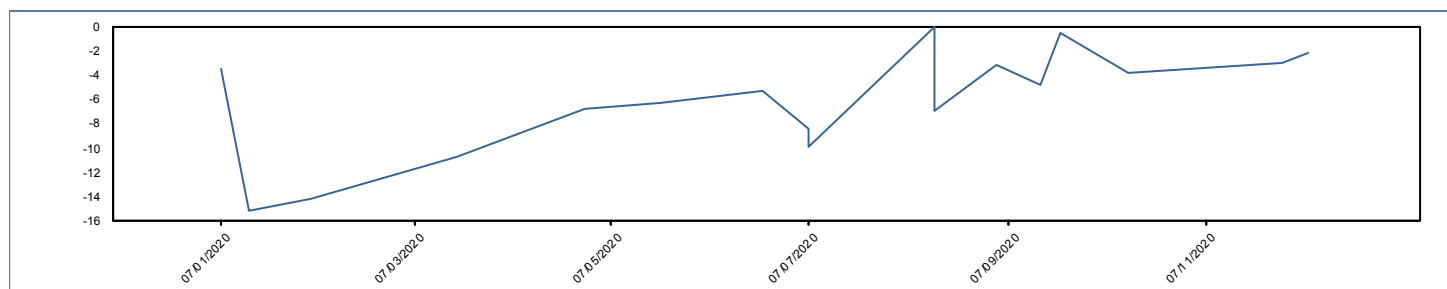
GW56

Number of readings

17

Number of breaches

0



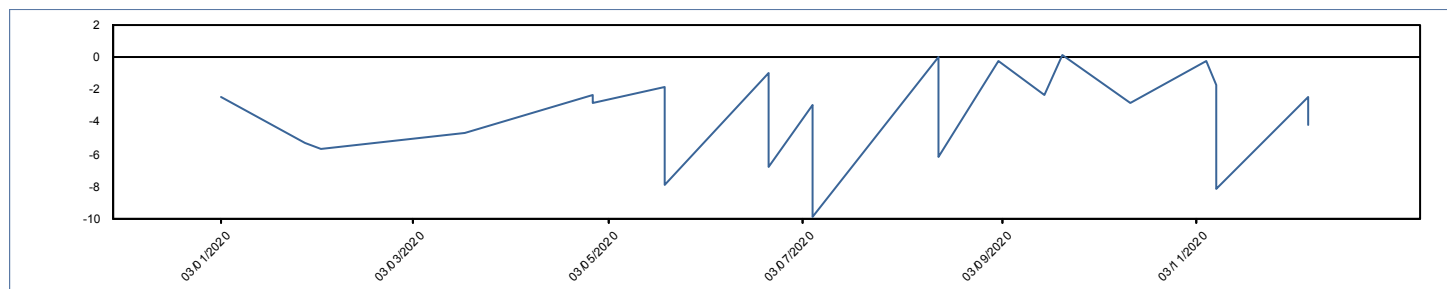
GW57

Number of readings

30

Number of breaches

0



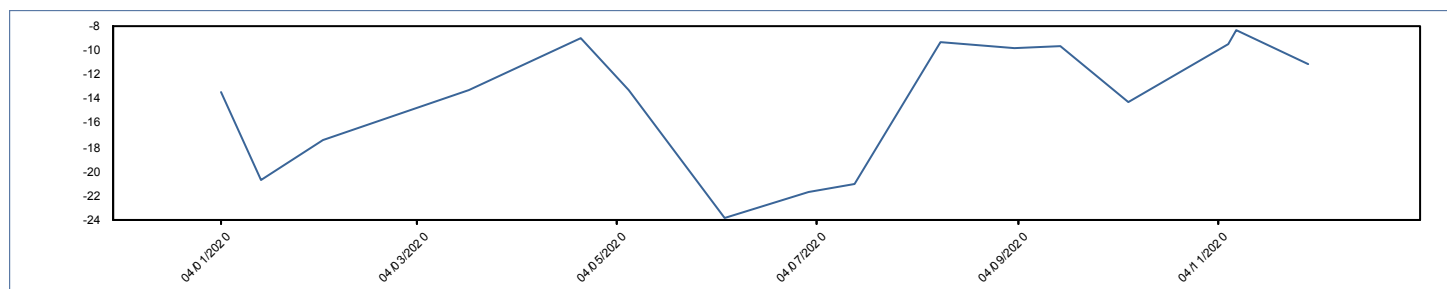
GW88

Number of readings

16

Number of breaches

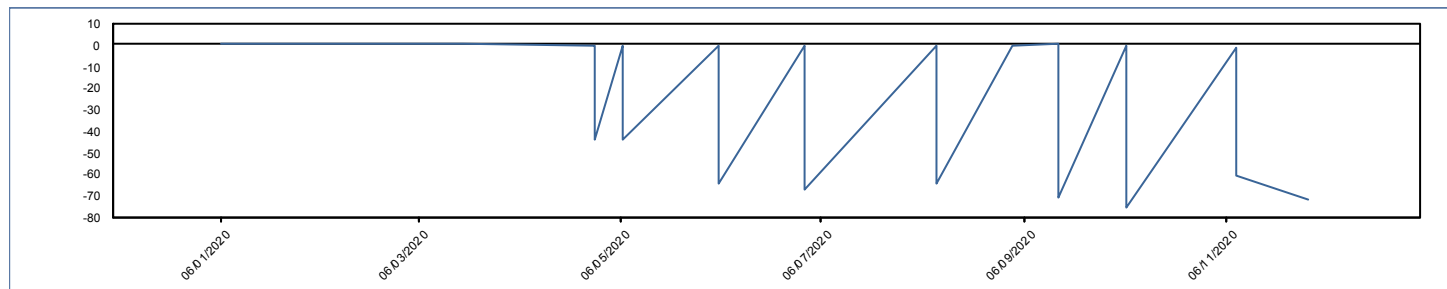
0



Data from: 1 Jan 2020 to: 31 Dec 2020

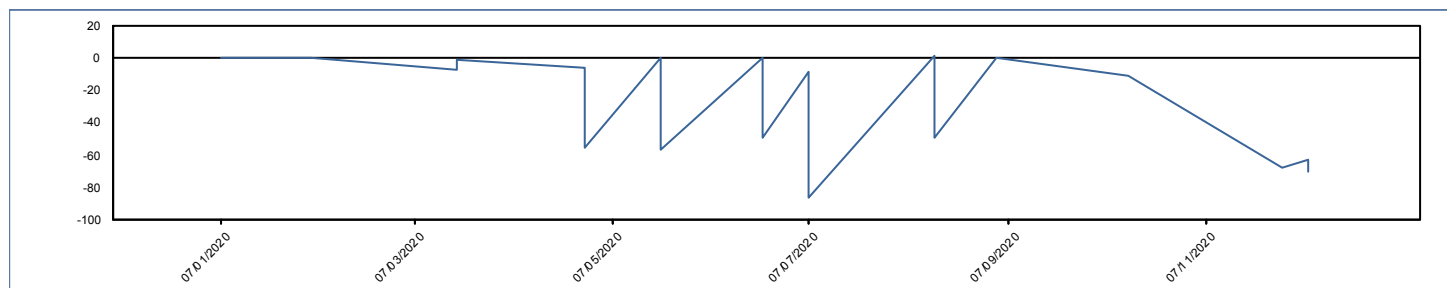
LC005A

Number of readings 29 Number of breaches 0



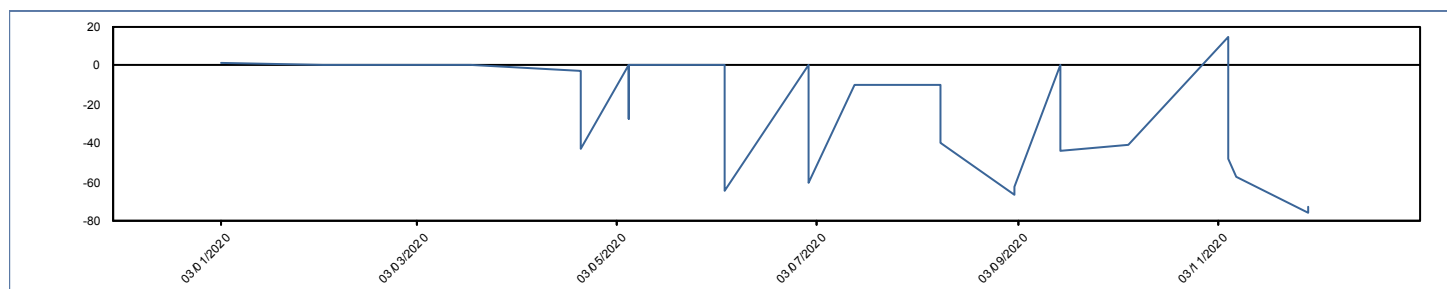
LC01B

Number of readings 24 Number of breaches 0



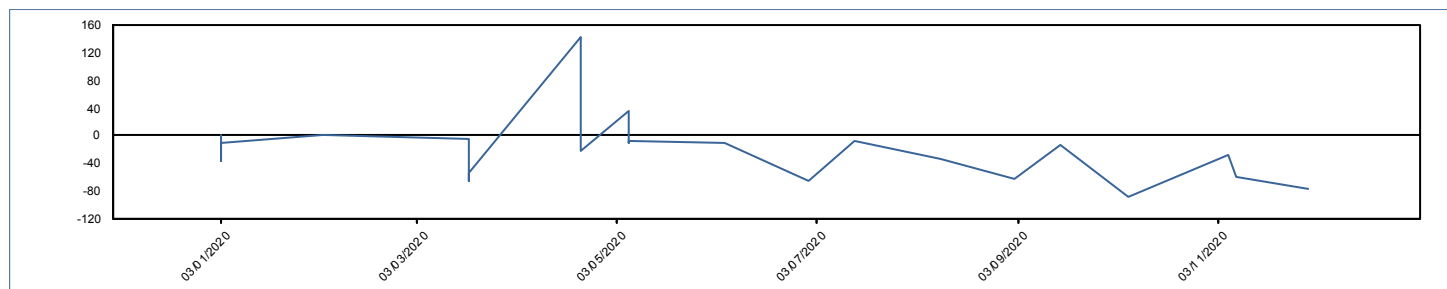
LM04B

Number of readings 28 Number of breaches 0



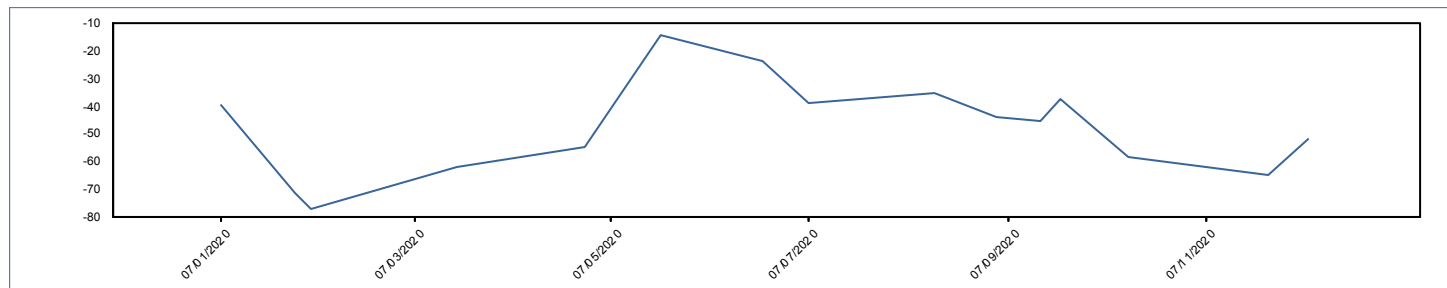
LM07B

Number of readings 25 Number of breaches 0



PBLFGXGW01

Number of readings 15 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

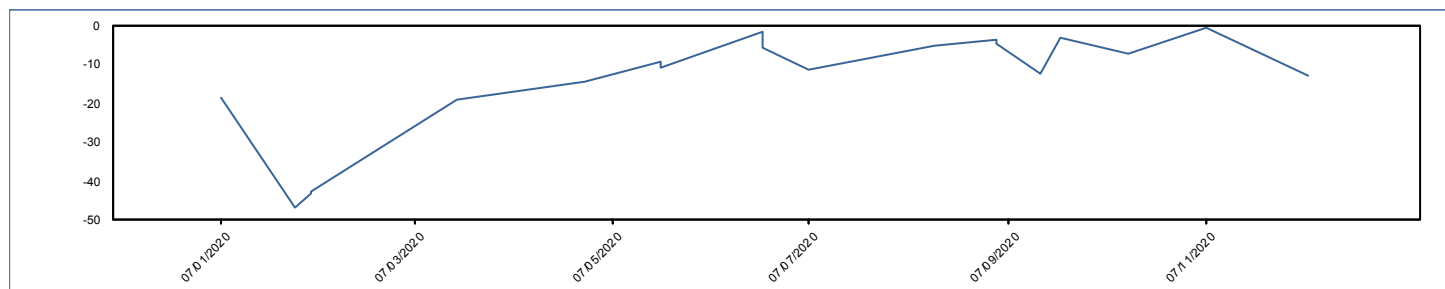
PBLFGXGW03

Number of readings

19

Number of breaches

0



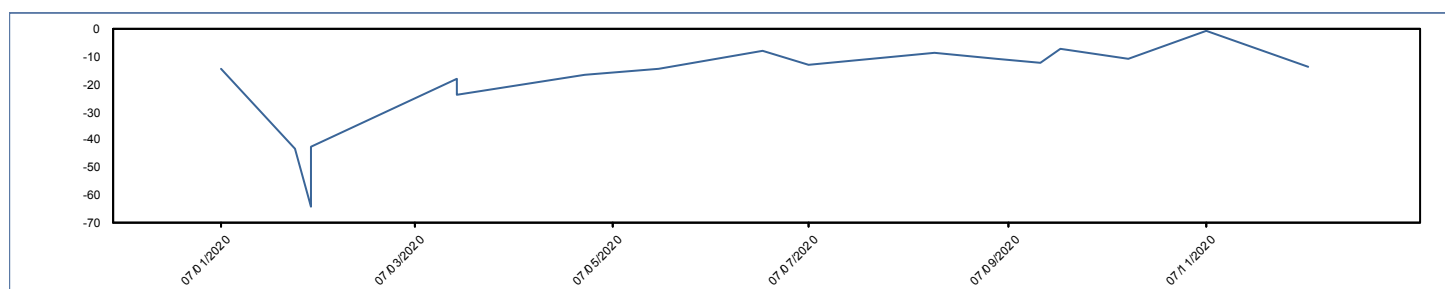
PBLFGXGW07

Number of readings

17

Number of breaches

0



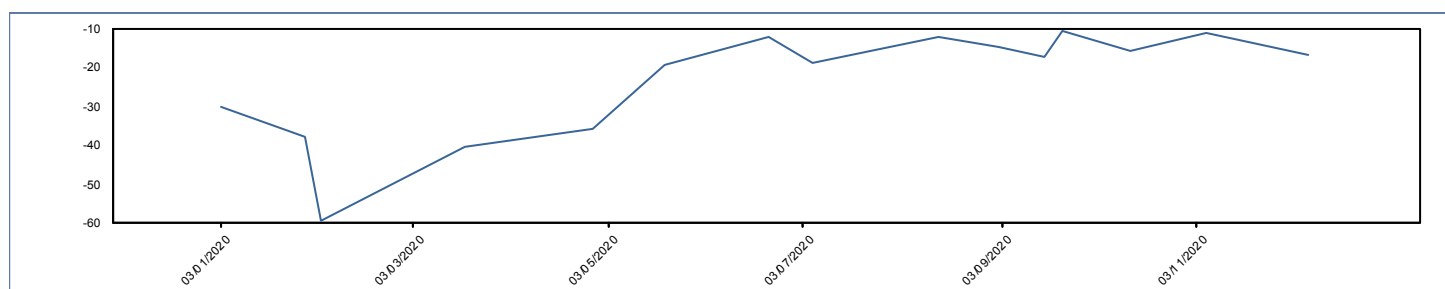
PBLFGXGW18

Number of readings

15

Number of breaches

0



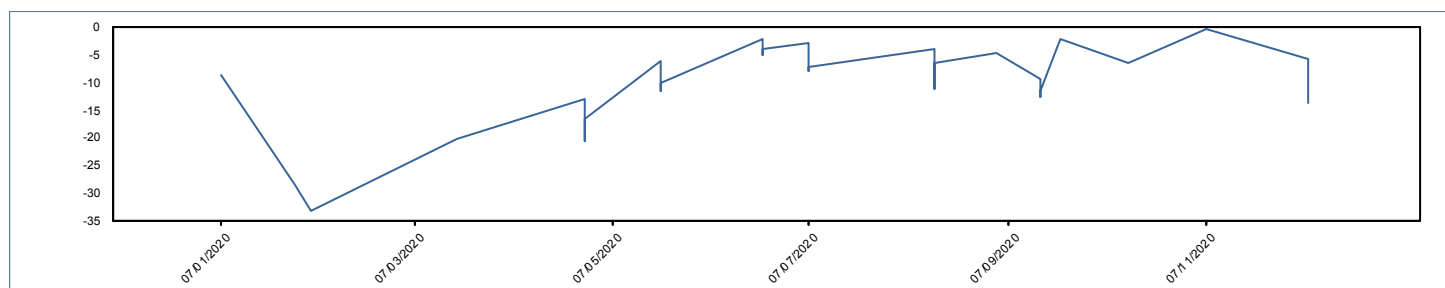
PBLFGXGW28

Number of readings

29

Number of breaches

0



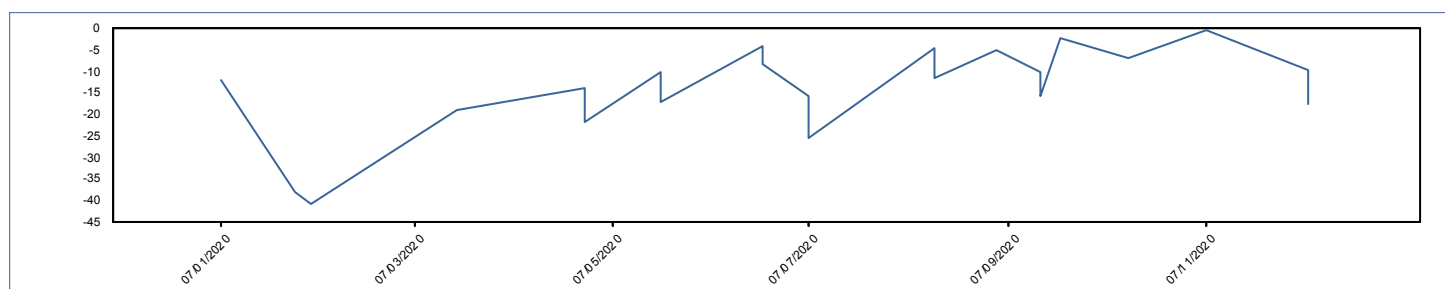
PBLFGXGW29

Number of readings

28

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

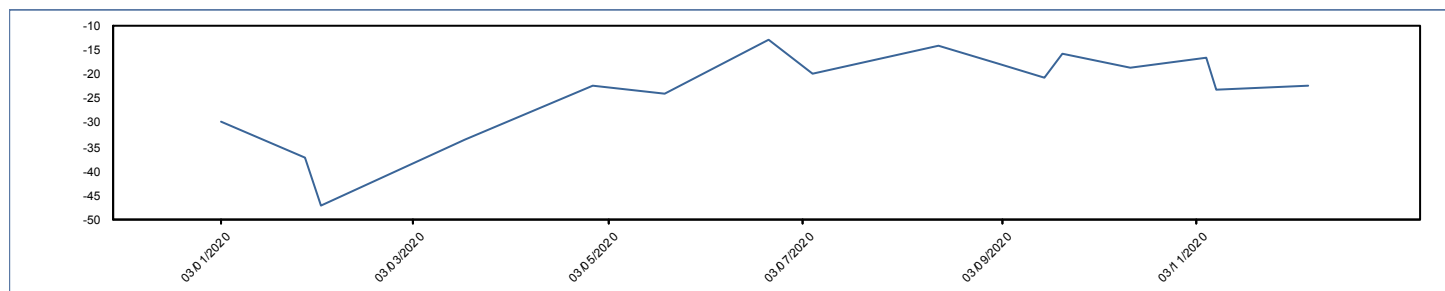
PBLFGXGW30

Number of readings

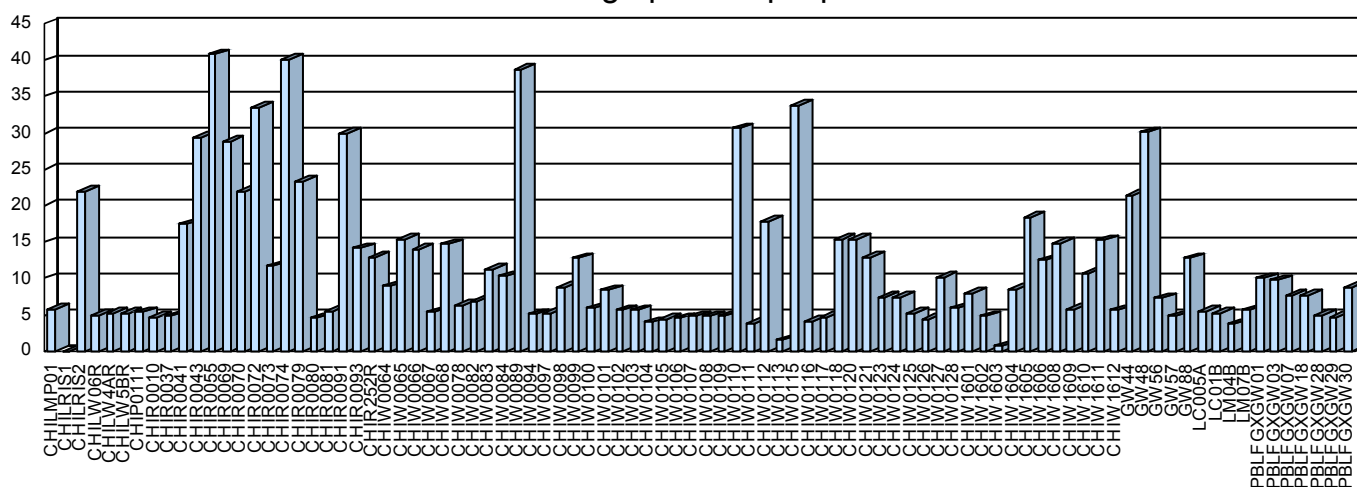
16

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHILMP01	14	0	0.00	10.00	5.71	80.00	4.57	20.92	10.00
CHILRIS1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHILRIS2	5	0	10.00	50.00	22.00	110.00	14.70	216.00	50.00
CHILW06R	28	0	0.00	10.00	5.00	140.00	4.82	23.21	10.00
CHILW4AR	27	0	0.00	10.00	5.19	140.00	4.61	21.26	10.00
CHILW5BR	29	0	0.00	10.00	5.21	151.00	4.79	22.92	10.00
CHIP0111	30	0	0.00	10.00	5.33	160.00	4.82	23.22	10.00
CHIR0010	30	0	0.00	10.00	4.67	140.00	4.99	24.89	10.00
CHIR0037	31	0	0.00	10.00	4.87	151.00	4.97	24.69	10.00
CHIR0041	16	0	5.00	25.00	17.50	280.00	5.30	28.13	25.00
CHIR0043	15	0	10.00	50.00	29.33	440.00	15.69	246.22	50.00
CHIR0055	15	0	1.00	50.00	40.73	611.00	16.36	267.53	50.00
CHIR0069	15	0	2.00	60.00	28.80	432.00	17.63	310.83	60.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIR0070	15	0	5.00	50.00	22.00	330.00	12.08	146.00	50.00
CHIR0072	16	0	1.00	50.00	33.50	536.00	18.32	335.63	50.00
CHIR0073	18	0	0.00	30.00	11.67	210.00	7.45	55.56	30.00
CHIR0074	15	0	2.00	60.00	40.13	602.00	16.82	282.92	60.00
CHIR0079	15	0	1.00	30.00	23.40	351.00	9.26	85.84	30.00
CHIR0080	23	0	0.00	10.00	4.57	105.00	4.87	23.72	10.00
CHIR0081	35	0	0.00	10.00	5.46	191.00	4.66	21.68	10.00
CHIR0091	17	0	10.00	50.00	30.00	510.00	14.95	223.53	50.00
CHIR0093	17	0	0.00	50.00	14.12	240.00	10.74	115.40	50.00
CHIR252R	14	0	5.00	20.00	12.86	180.00	5.58	31.12	20.00
CHIW0064	15	0	5.00	10.00	9.00	135.00	2.00	4.00	10.00
CHIW0065	14	0	5.00	20.00	15.36	215.00	5.50	30.23	20.00
CHIW0066	16	0	5.00	20.00	14.06	225.00	6.18	38.18	20.00
CHIW0067	37	0	0.00	10.00	5.41	200.00	4.98	24.84	10.00
CHIW0068	16	0	0.00	20.00	14.69	235.00	6.49	42.09	20.00
CHIW0078	20	0	0.00	20.00	6.30	126.00	5.16	26.61	15.00
CHIW0082	19	0	0.00	10.00	6.84	130.00	4.36	18.98	10.00
CHIW0083	16	0	5.00	20.00	11.25	180.00	5.45	29.69	20.00
CHIW0084	14	0	5.00	20.00	10.36	145.00	4.42	19.52	20.00
CHIW0089	16	0	10.00	50.00	38.75	620.00	13.64	185.94	50.00
CHIW0094	33	0	0.00	10.00	5.15	170.00	5.00	24.98	10.00
CHIW0097	34	0	0.00	10.00	5.29	180.00	4.99	24.91	10.00
CHIW0098	16	0	5.00	10.00	8.75	140.00	2.17	4.69	10.00
CHIW0099	16	0	0.00	30.00	12.81	205.00	7.90	62.40	30.00
CHIW0100	22	0	0.00	10.00	5.91	130.00	4.68	21.90	10.00
CHIW0101	16	0	5.00	10.00	8.44	135.00	2.32	5.37	10.00
CHIW0102	39	0	0.00	10.00	5.64	220.00	4.96	24.59	10.00
CHIW0103	24	0	0.00	10.00	5.63	135.00	4.40	19.40	10.00
CHIW0104	30	0	0.00	10.00	4.00	120.00	4.90	24.00	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW0105	24	0	0.00	10.00	4.38	105.00	4.40	19.40	10.00
CHIW0106	26	0	0.00	10.00	4.62	120.00	4.99	24.85	10.00
CHIW0107	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0108	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0109	25	0	0.00	10.00	4.80	120.00	5.00	24.96	10.00
CHIW0110	15	0	10.00	50.00	30.67	460.00	14.82	219.56	50.00
CHIW0111	28	0	0.00	10.00	3.93	110.00	4.88	23.85	10.00
CHIW0112	15	0	4.00	50.00	17.93	269.00	10.38	107.80	50.00
CHIW0113	20	0	0.00	10.00	1.50	30.00	3.57	12.75	10.00
CHIW0115	16	0	10.00	50.00	33.75	540.00	14.09	198.44	50.00
CHIW0116	25	0	0.00	10.00	4.20	105.00	4.83	23.36	10.00
CHIW0117	32	0	0.00	10.00	4.69	150.00	4.99	24.90	10.00
CHIW0118	15	0	10.00	30.00	15.33	230.00	6.18	38.22	30.00
CHIW0120	14	0	5.00	20.00	15.36	215.00	5.50	30.23	20.00
CHIW0121	15	0	5.00	30.00	13.00	195.00	6.27	39.33	30.00
CHIW0123	18	0	0.00	10.00	7.50	135.00	3.00	9.03	10.00
CHIW0124	17	0	1.00	10.00	7.41	126.00	2.89	8.36	10.00
CHIW0125	20	0	0.00	10.00	5.25	105.00	4.60	21.19	10.00
CHIW0126	17	0	0.00	10.00	4.41	75.00	4.50	20.24	10.00
CHIW0127	15	0	5.00	20.00	10.20	153.00	4.31	18.56	20.00
CHIW0128	19	0	0.00	10.00	5.89	112.00	4.24	17.99	10.00
CHIW1601	15	0	0.00	10.00	8.00	120.00	3.06	9.33	10.00
CHIW1602	25	0	0.00	10.00	4.80	120.00	4.58	20.96	10.00
CHIW1603	7	0	0.00	5.00	0.71	5.00	1.75	3.06	5.00
CHIW1604	17	0	5.00	10.00	8.53	145.00	2.28	5.19	10.00
CHIW1605	16	0	5.00	30.00	18.44	295.00	5.51	30.37	30.00
CHIW1606	16	0	10.00	20.00	12.50	200.00	4.33	18.75	20.00
CHIW1608	15	0	3.00	30.00	14.87	223.00	6.80	46.25	30.00
CHIW1609	20	0	0.00	10.00	5.80	116.00	4.49	20.16	10.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
CHIW1610	15	0	0.00	20.00	10.67	160.00	5.44	29.56	20.00
CHIW1611	16	0	5.00	20.00	15.31	245.00	6.24	38.96	20.00
CHIW1612	24	0	0.00	10.00	5.63	135.00	4.85	23.57	10.00
GW44	14	0	10.00	30.00	21.43	300.00	6.39	40.82	30.00
GW48	16	0	1.00	100.00	30.06	481.00	34.04	1,158.81	100.00
GW56	17	0	0.00	10.00	7.35	125.00	3.48	12.11	10.00
GW57	30	0	0.00	10.00	4.83	145.00	4.91	24.14	10.00
GW88	16	0	5.00	20.00	12.81	205.00	5.85	34.28	20.00
LC005A	29	0	0.00	10.00	5.52	160.00	4.97	24.73	10.00
LC01B	24	0	0.00	10.00	5.21	125.00	4.67	21.83	10.00
LM04B	28	0	0.00	10.00	3.79	106.00	4.53	20.53	10.00
LM07B	25	0	0.00	10.00	5.60	140.00	4.76	22.64	10.00
PBLFGXGW01	15	0	5.00	20.00	10.00	150.00	3.16	10.00	20.00
PBLFGXGW03	19	0	0.00	20.00	9.74	185.00	7.16	51.25	20.00
PBLFGXGW07	17	0	0.00	20.00	7.65	130.00	4.58	20.93	20.00
PBLFGXGW18	15	0	5.00	10.00	7.67	115.00	2.49	6.22	10.00
PBLFGXGW28	29	0	0.00	10.00	5.00	145.00	4.91	24.14	10.00
PBLFGXGW29	28	0	0.00	10.00	4.64	130.00	4.99	24.87	10.00
PBLFGXGW30	16	0	5.00	10.00	8.75	140.00	2.17	4.69	10.00
Total	1,804	0	0.00	100.00	9.91	17,877.00	11.33	128.29	30.00

Data from: 1 Jan 2020 to: 31 Dec 2020

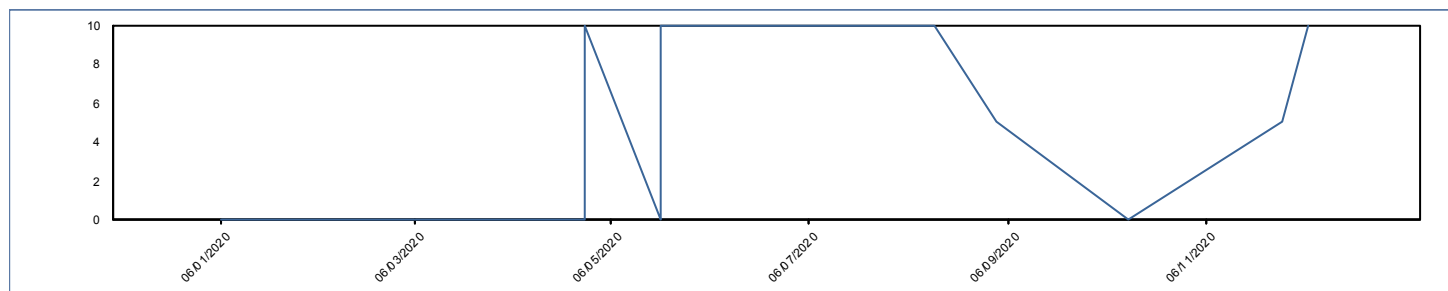
CHILMP01

Number of readings

14

Number of breaches

0



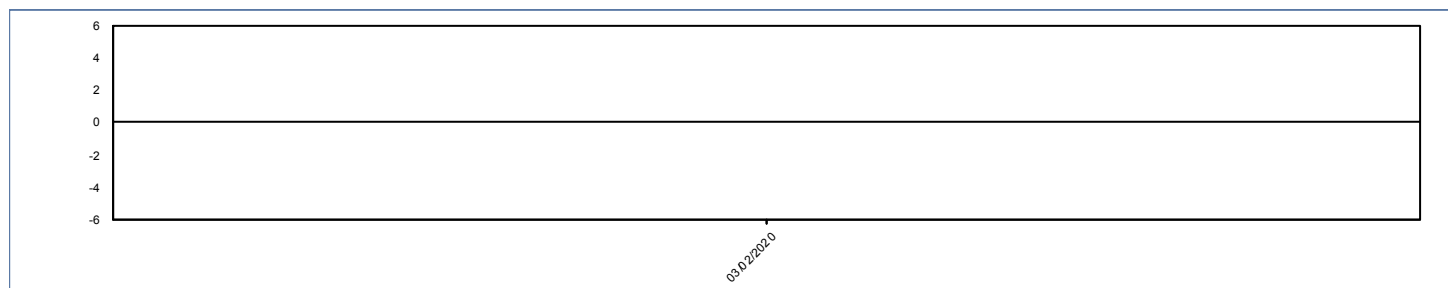
CHILRIS1

Number of readings

1

Number of breaches

0



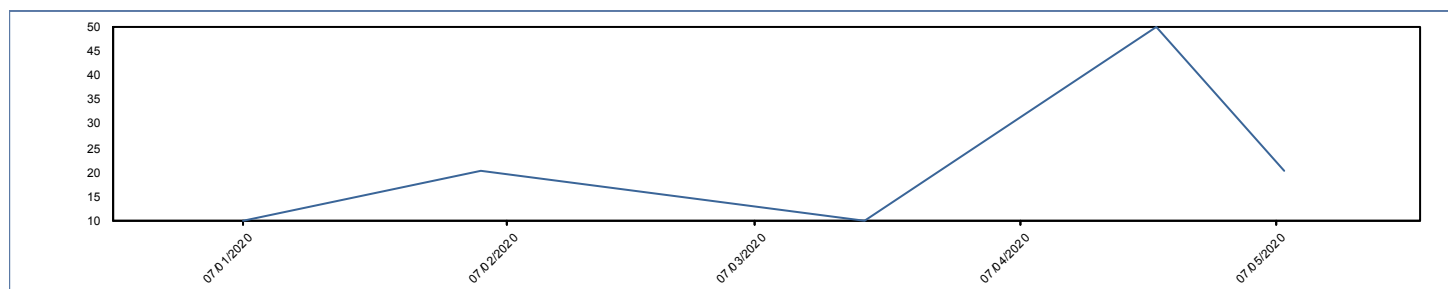
CHILRIS2

Number of readings

5

Number of breaches

0



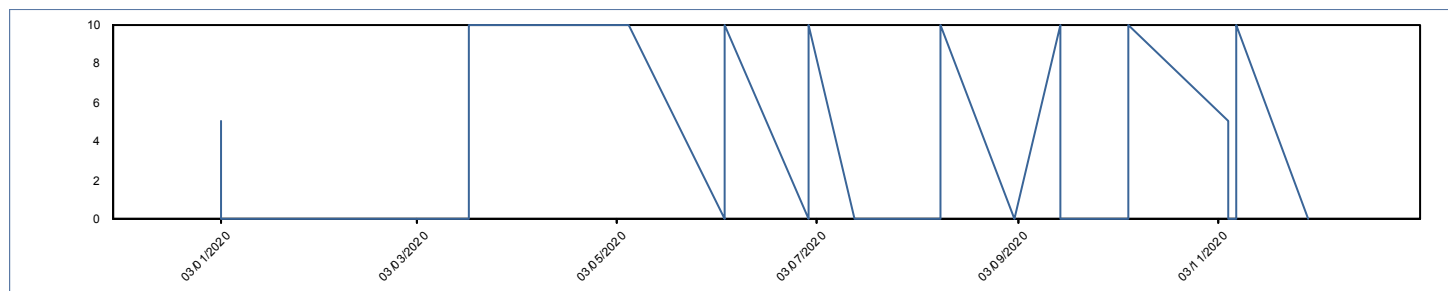
CHILW06R

Number of readings

28

Number of breaches

0



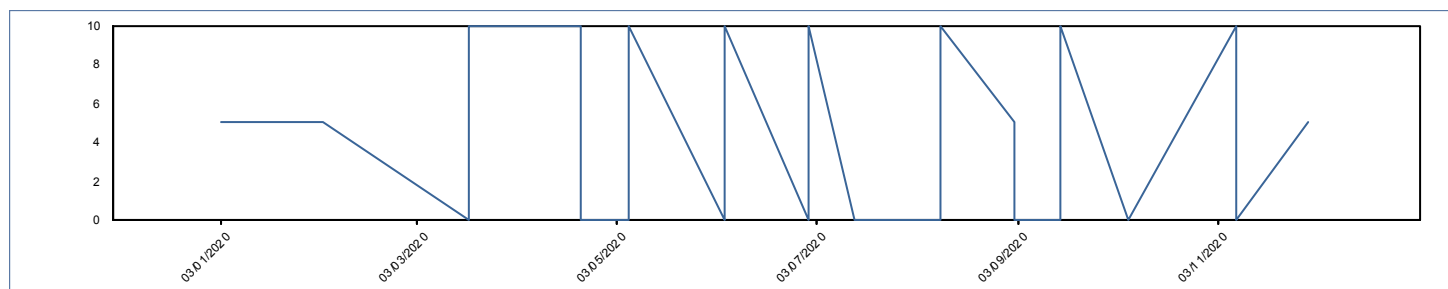
CHILW4AR

Number of readings

27

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

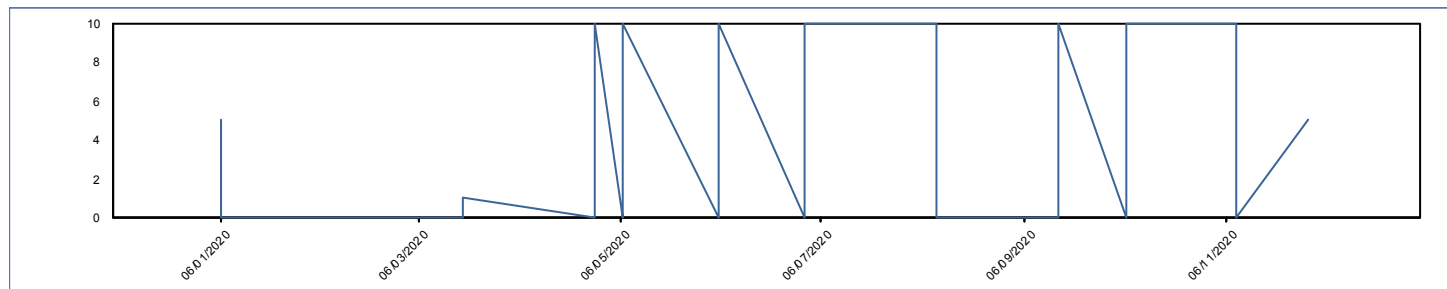
CHILW5BR

Number of readings

29

Number of breaches

0



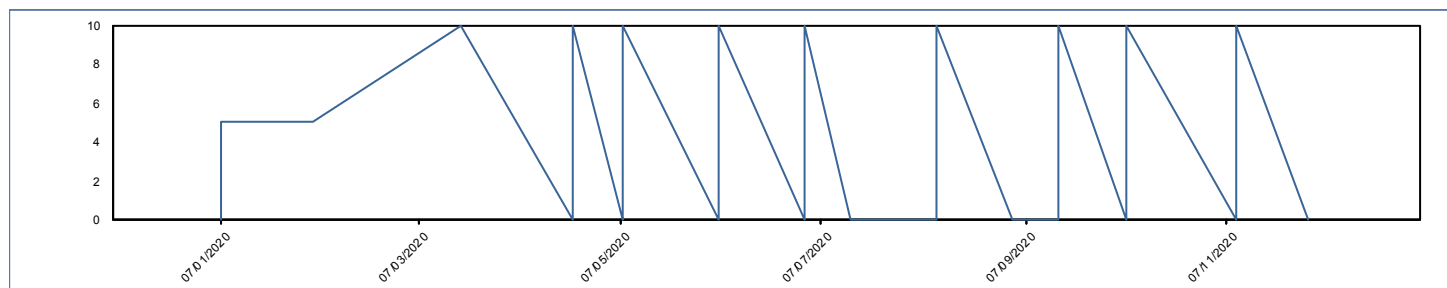
CHIP0111

Number of readings

30

Number of breaches

0



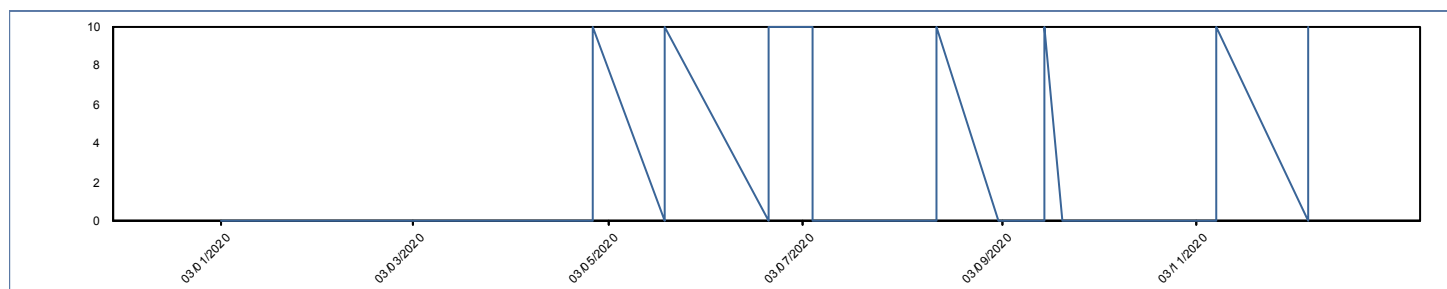
CHIR0010

Number of readings

30

Number of breaches

0



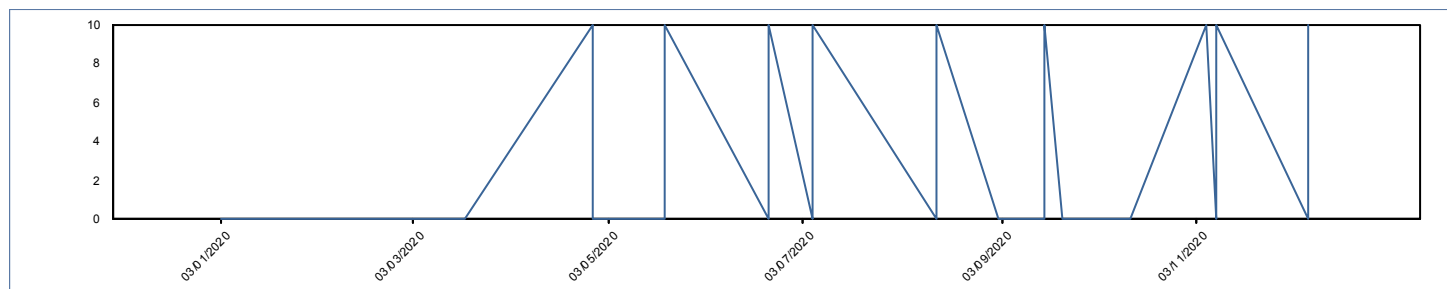
CHIR0037

Number of readings

31

Number of breaches

0



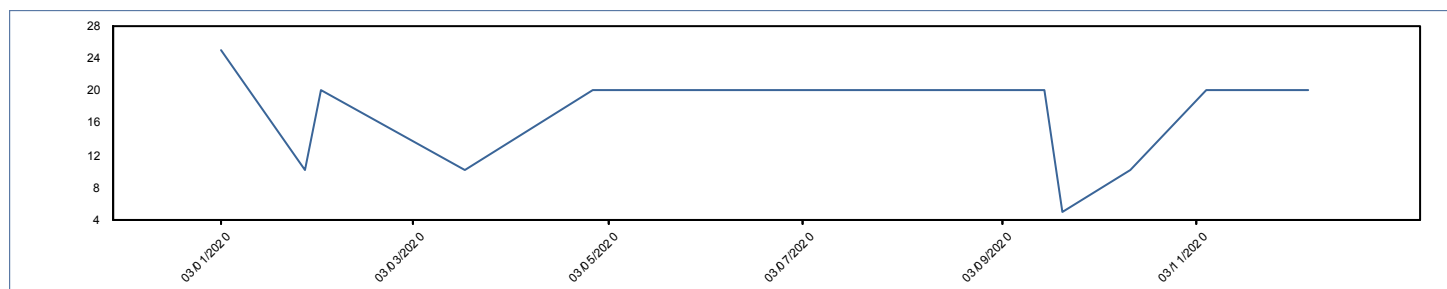
CHIR0041

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

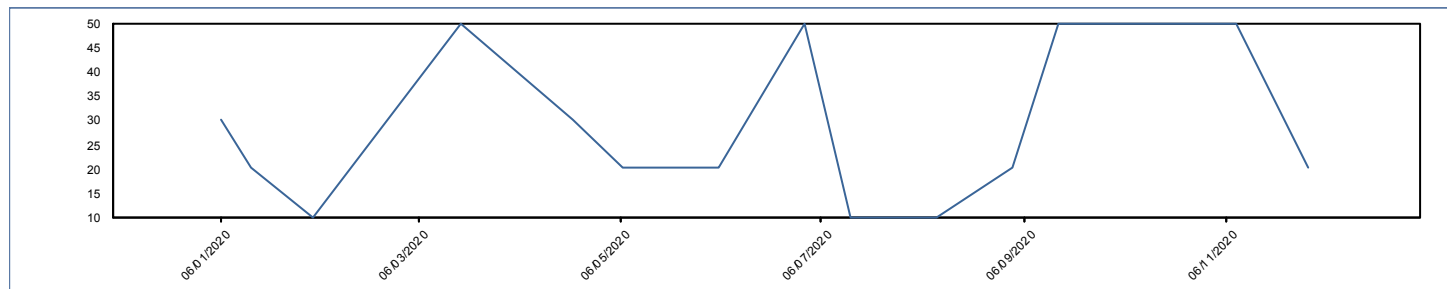
CHIR0043

Number of readings

15

Number of breaches

0



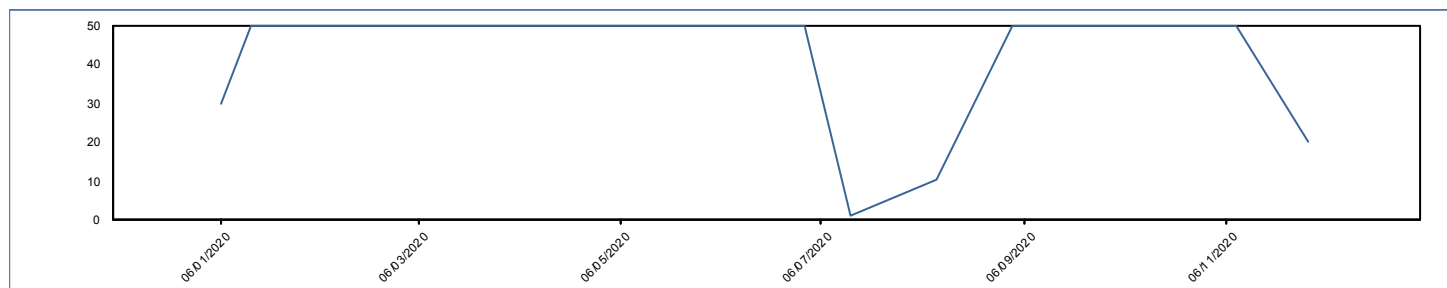
CHIR0055

Number of readings

15

Number of breaches

0



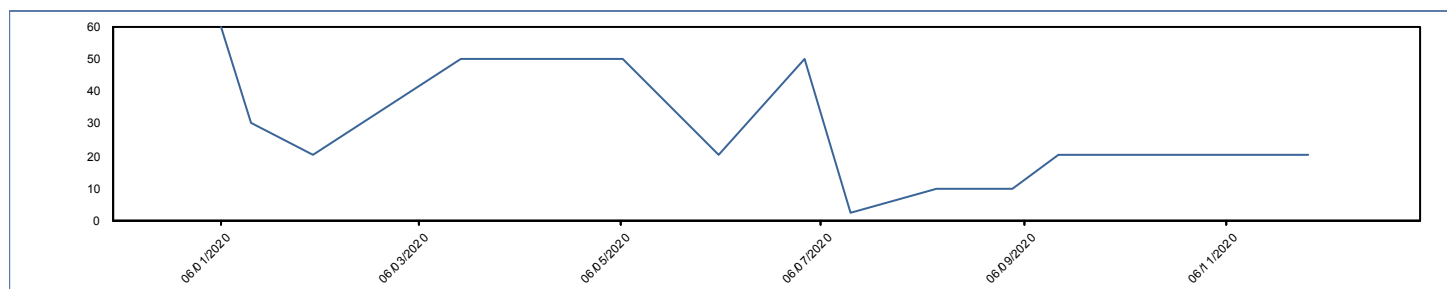
CHIR0069

Number of readings

15

Number of breaches

0



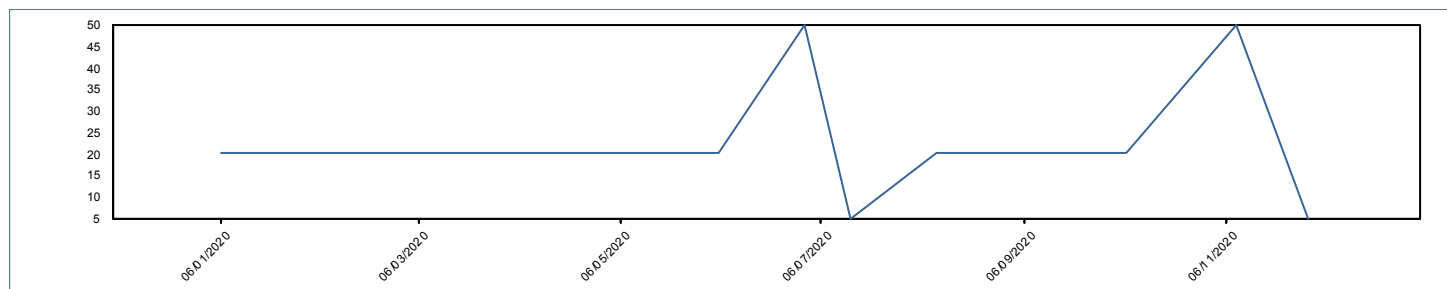
CHIR0070

Number of readings

15

Number of breaches

0



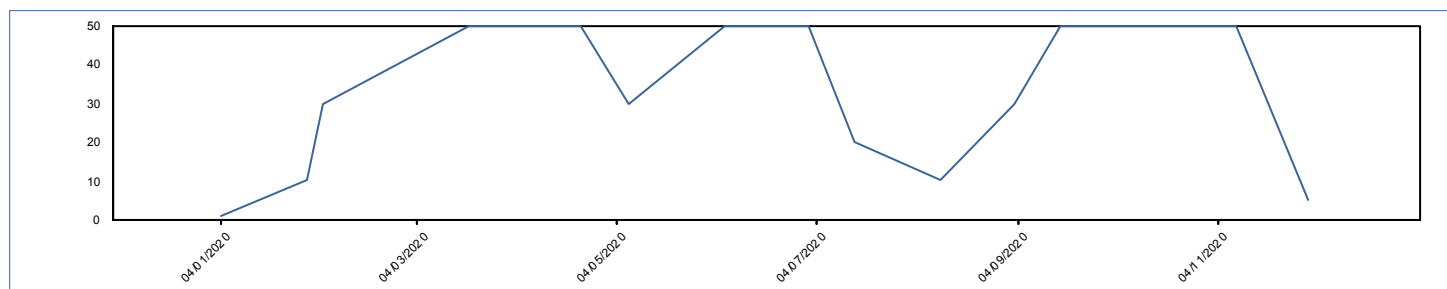
CHIR0072

Number of readings

16

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

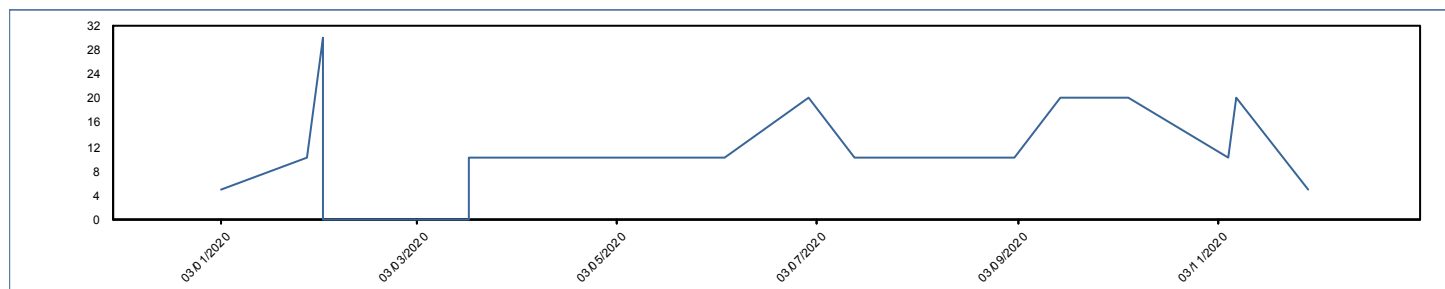
CHIR0073

Number of readings

18

Number of breaches

0



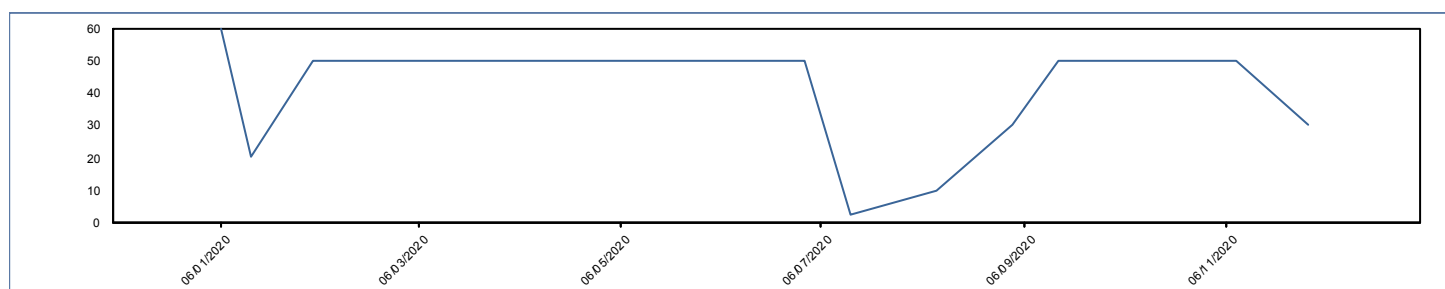
CHIR0074

Number of readings

15

Number of breaches

0



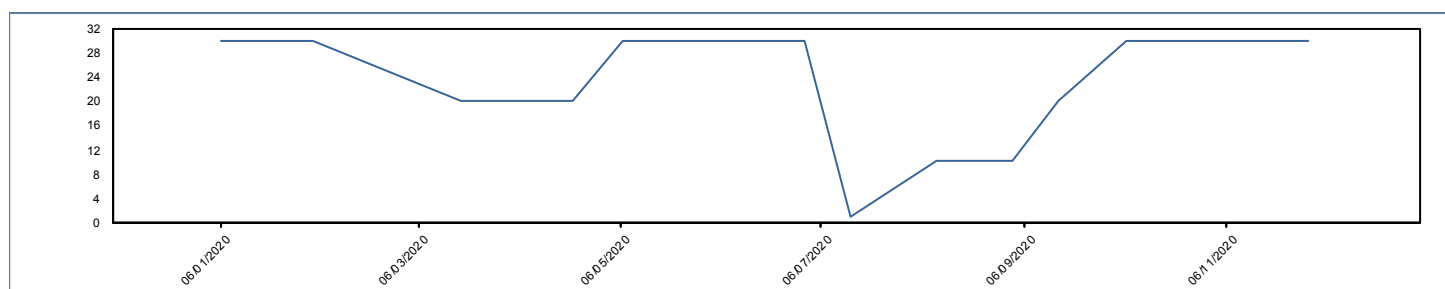
CHIR0079

Number of readings

15

Number of breaches

0



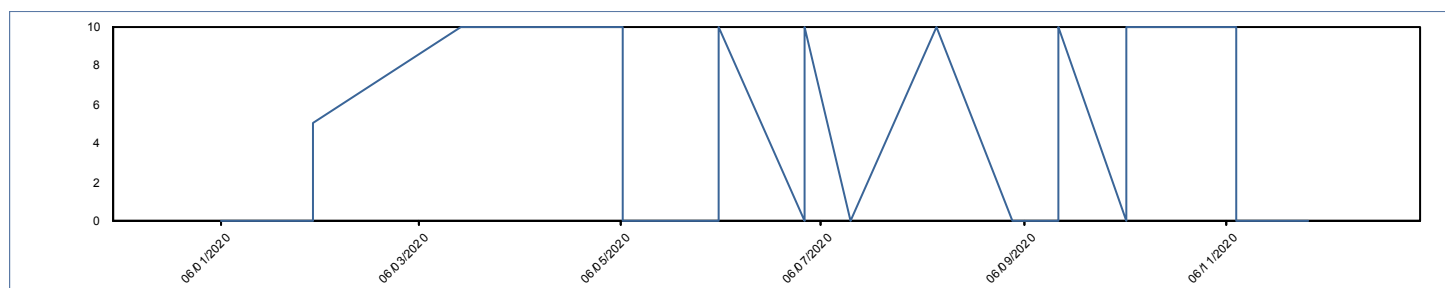
CHIR0080

Number of readings

23

Number of breaches

0



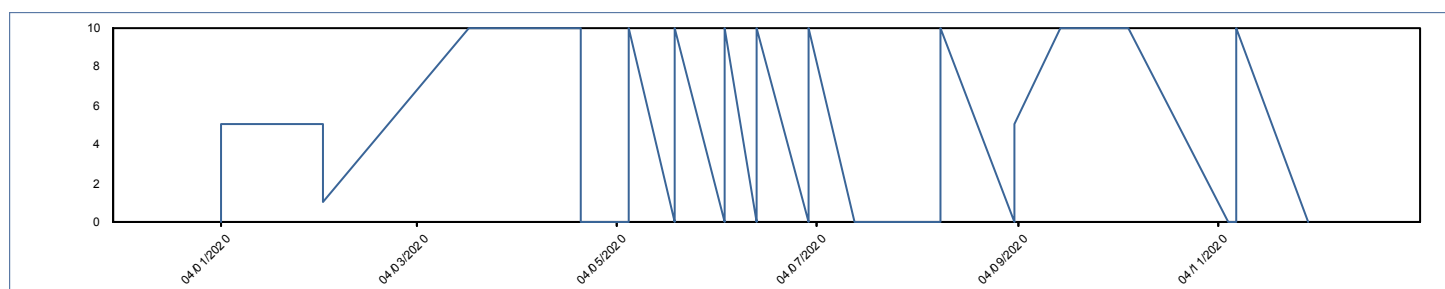
CHIR0081

Number of readings

35

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

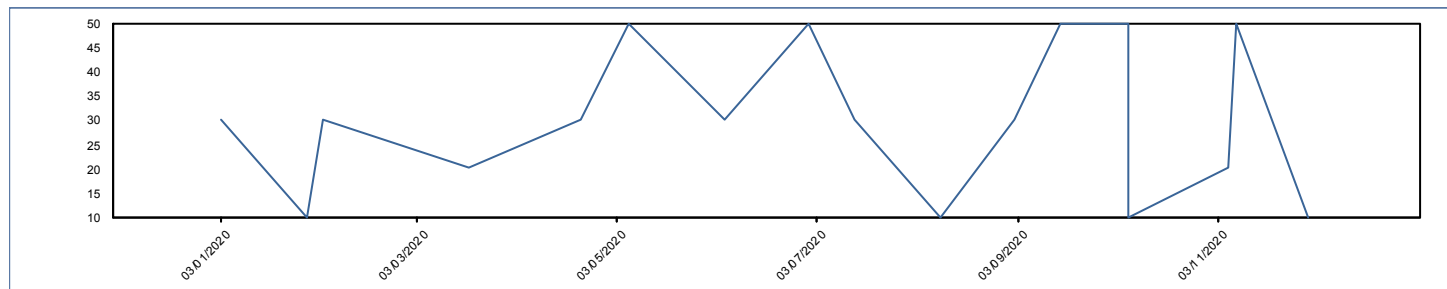
CHIR0091

Number of readings

17

Number of breaches

0



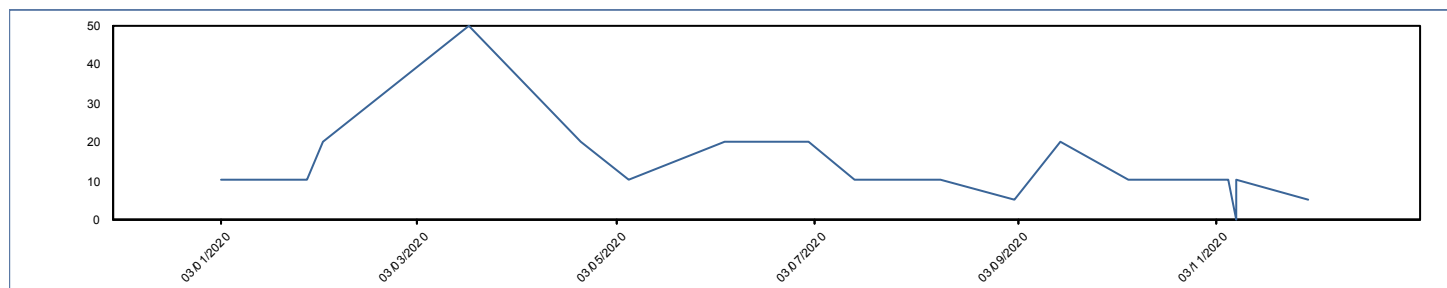
CHIR0093

Number of readings

17

Number of breaches

0



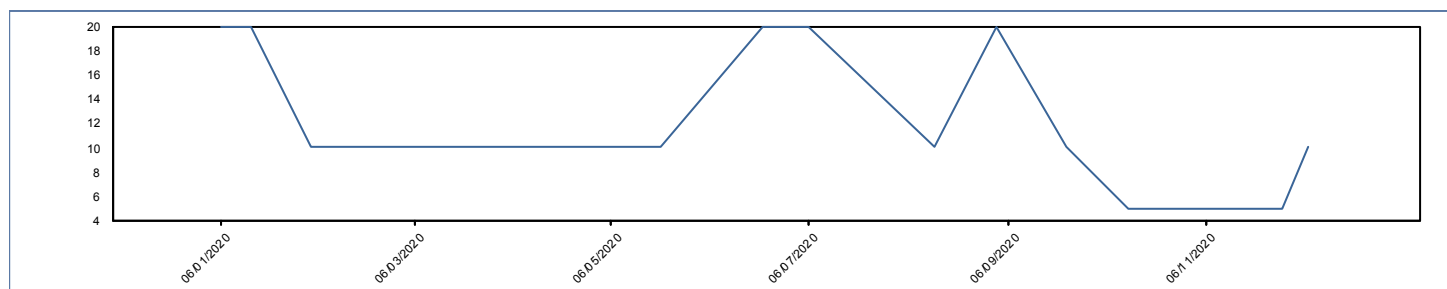
CHIR252R

Number of readings

14

Number of breaches

0



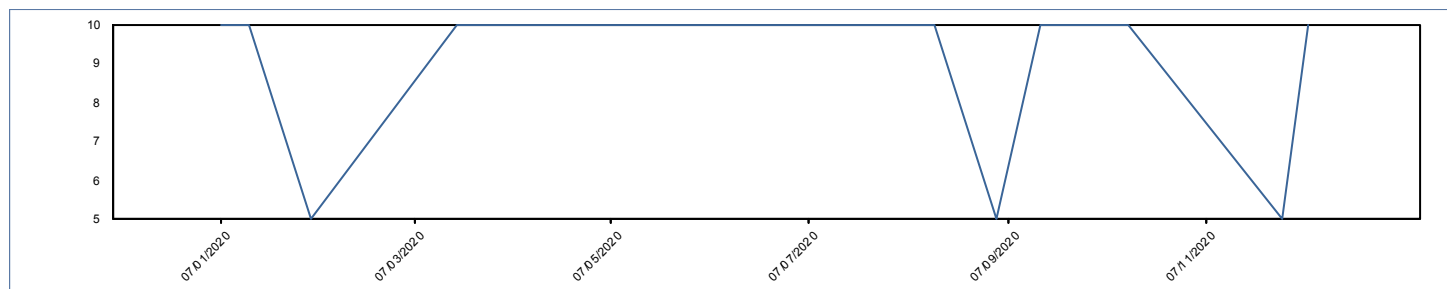
CHIW0064

Number of readings

15

Number of breaches

0



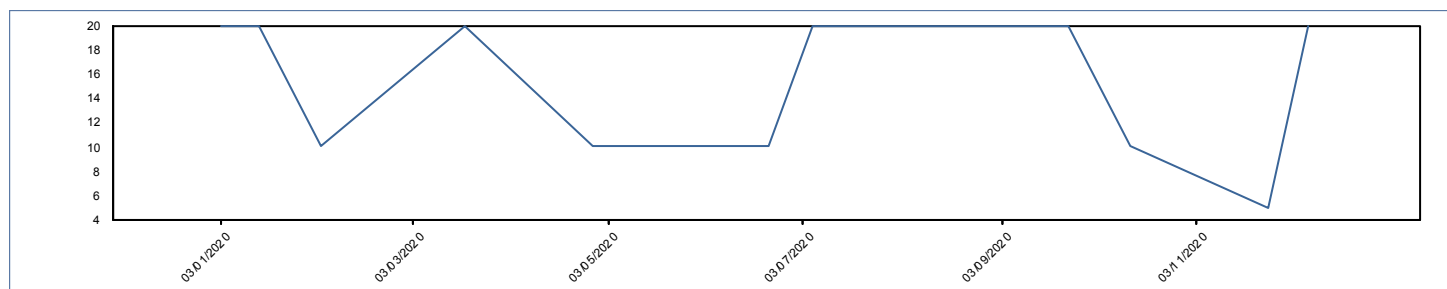
CHIW0065

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

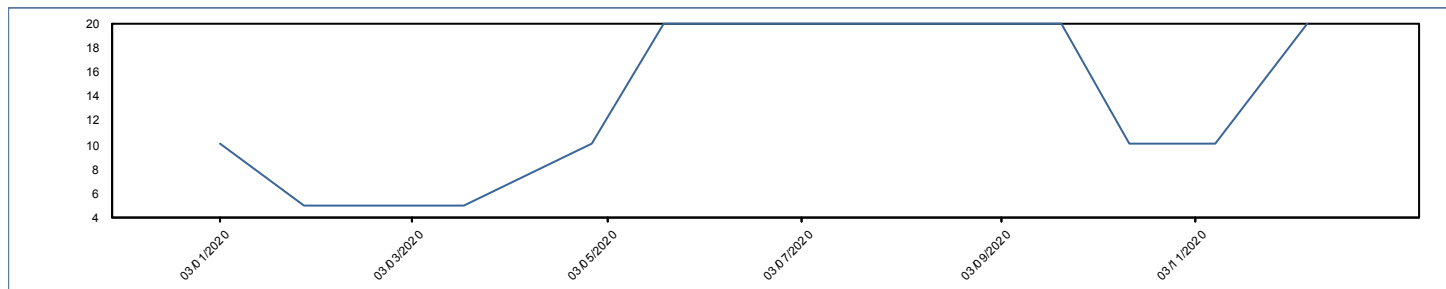
CHI0066

Number of readings

16

Number of breaches

0



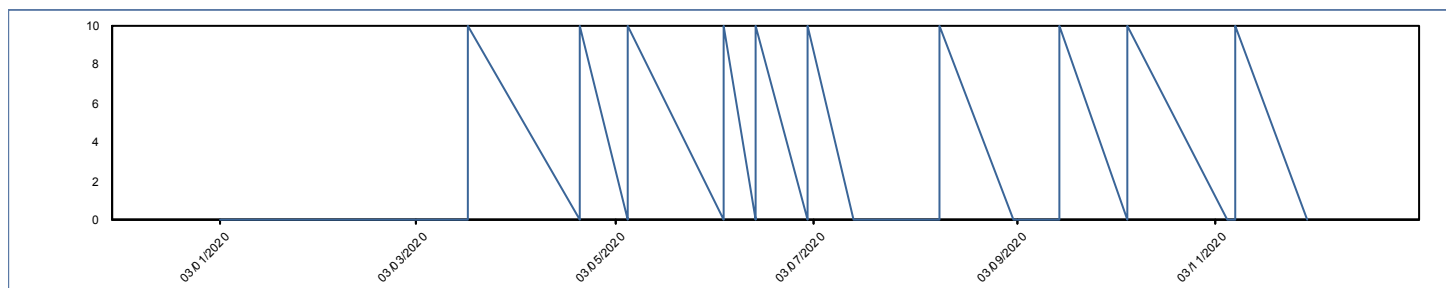
CHI0067

Number of readings

37

Number of breaches

0



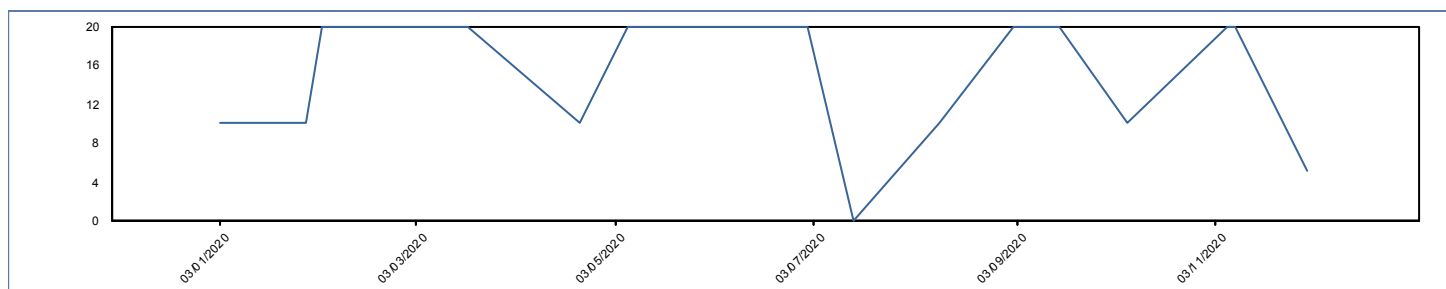
CHI0068

Number of readings

16

Number of breaches

0



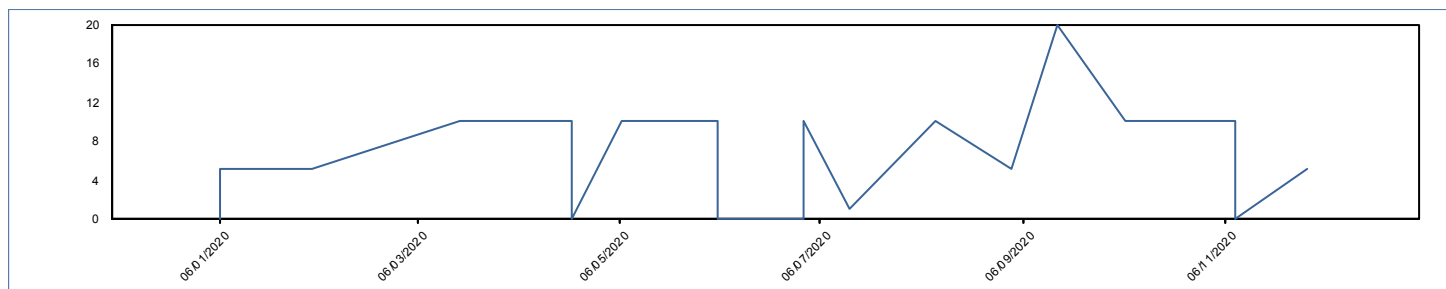
CHI0078

Number of readings

20

Number of breaches

0



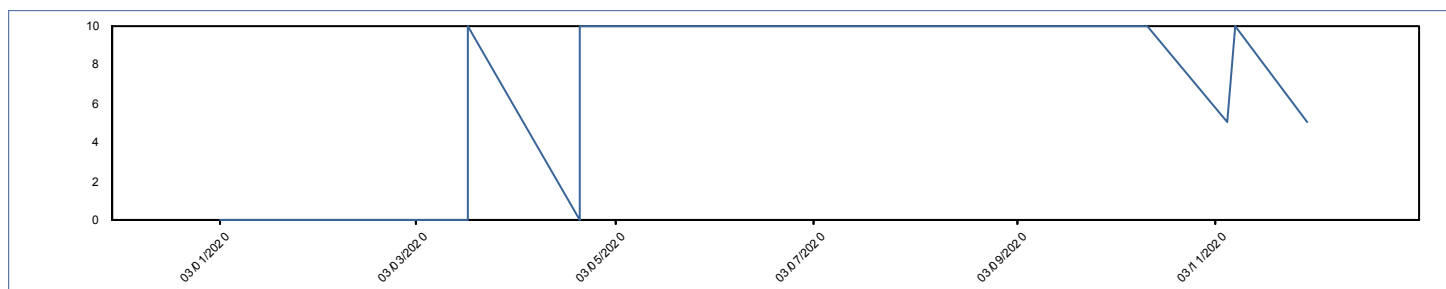
CHI0082

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

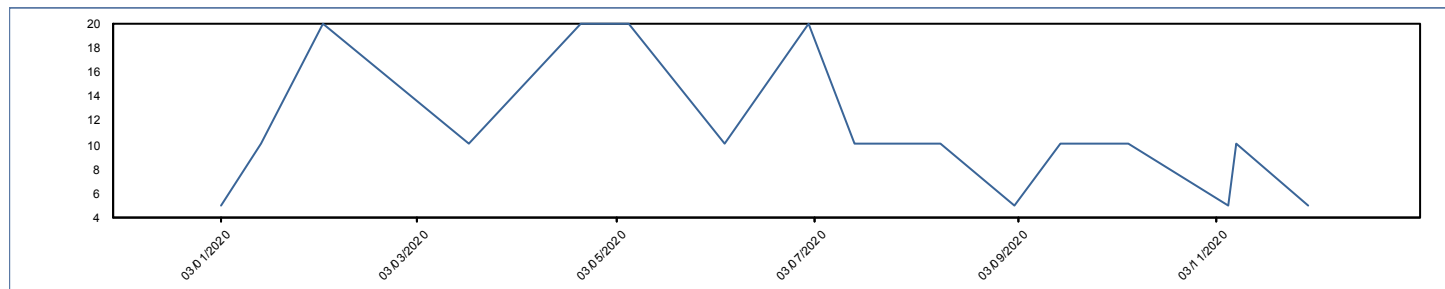
CHIW0083

Number of readings

16

Number of breaches

0



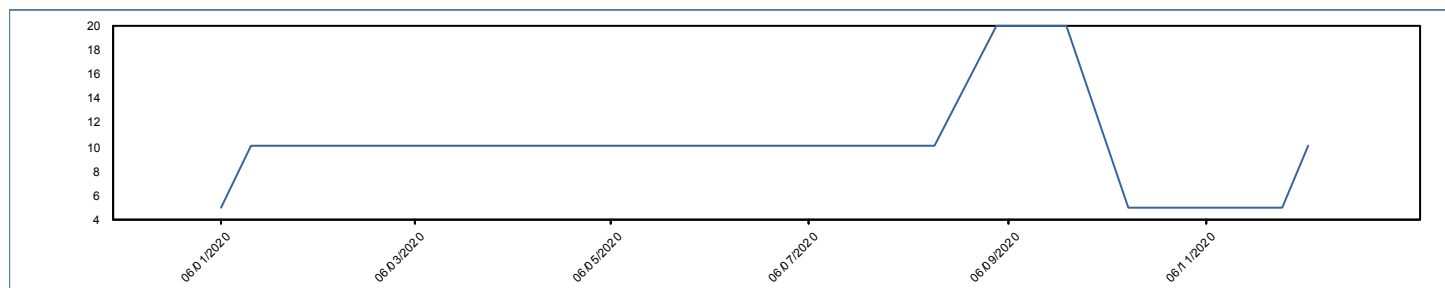
CHIW0084

Number of readings

14

Number of breaches

0



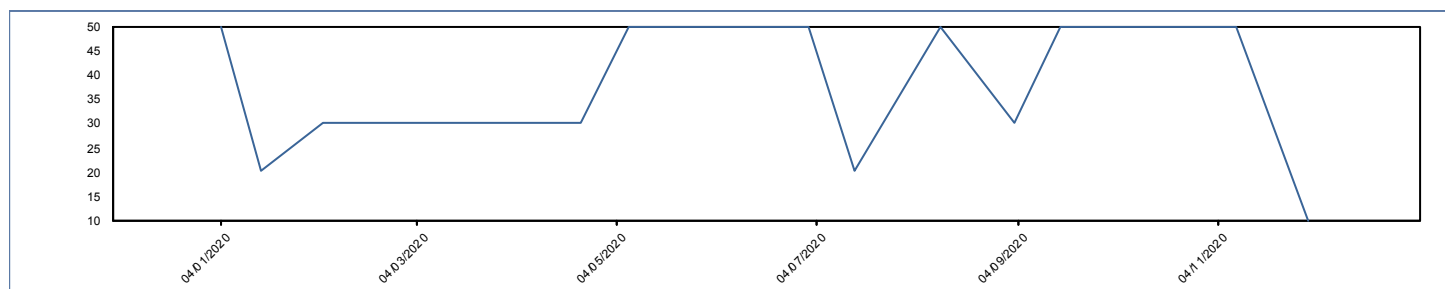
CHIW0089

Number of readings

16

Number of breaches

0



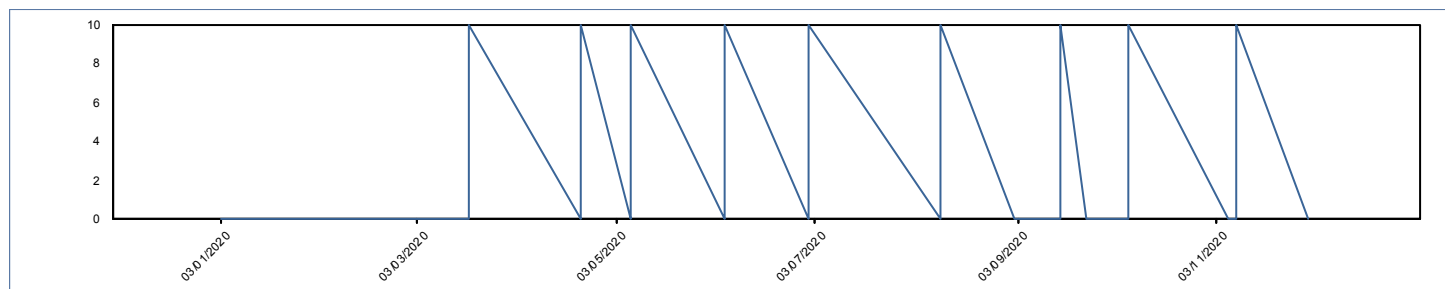
CHIW0094

Number of readings

33

Number of breaches

0



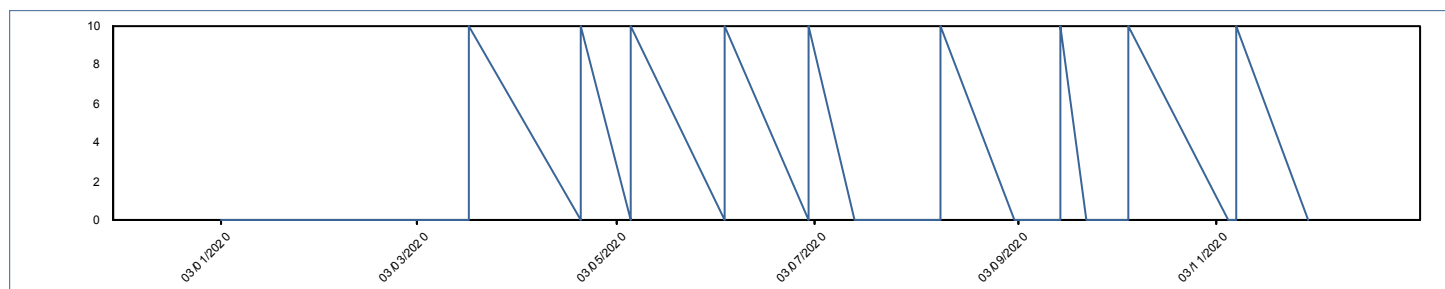
CHIW0097

Number of readings

34

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

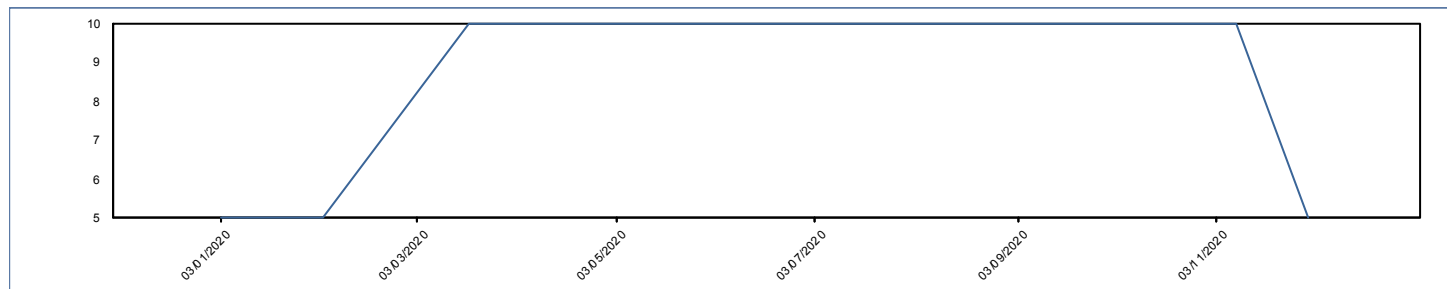
CHI0098

Number of readings

16

Number of breaches

0



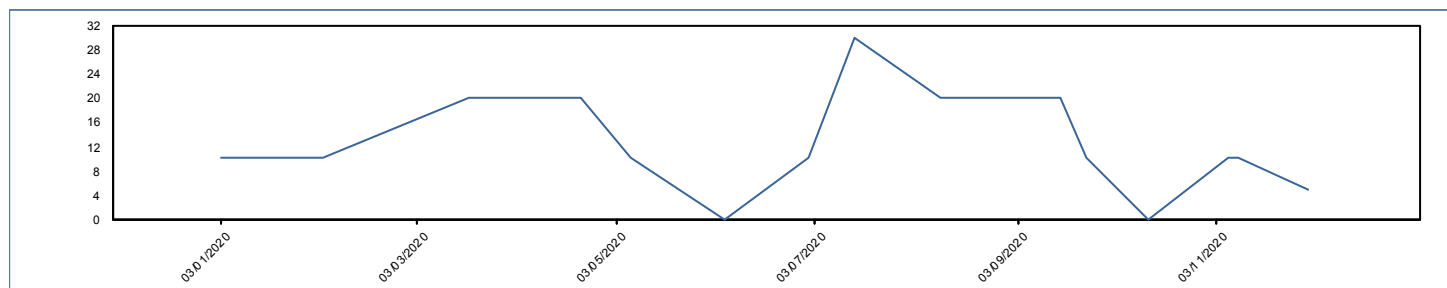
CHI0099

Number of readings

16

Number of breaches

0



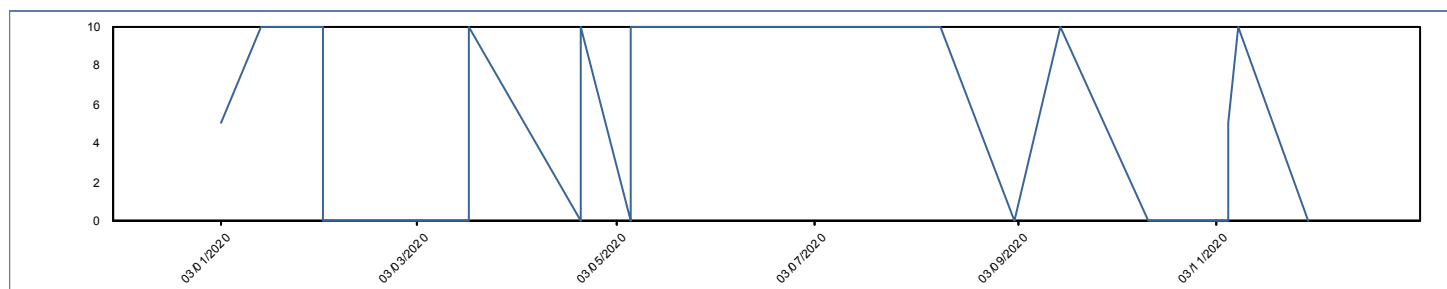
CHI0100

Number of readings

22

Number of breaches

0



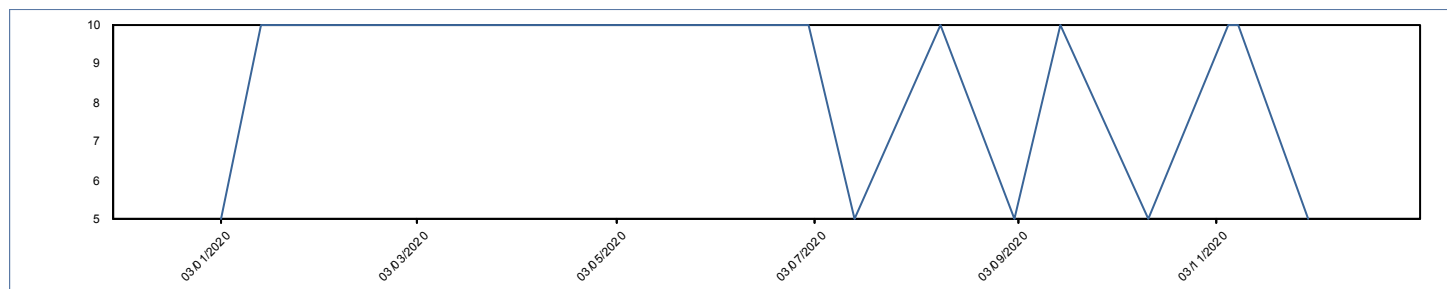
CHI0101

Number of readings

16

Number of breaches

0



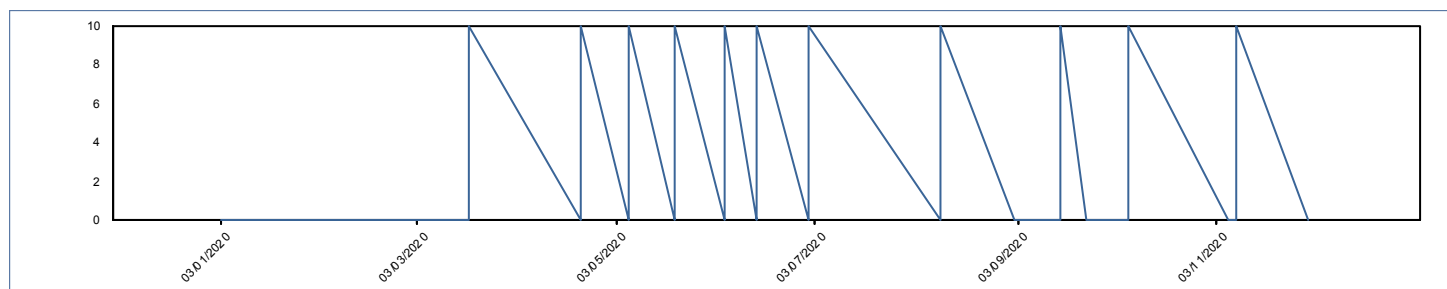
CHI0102

Number of readings

39

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

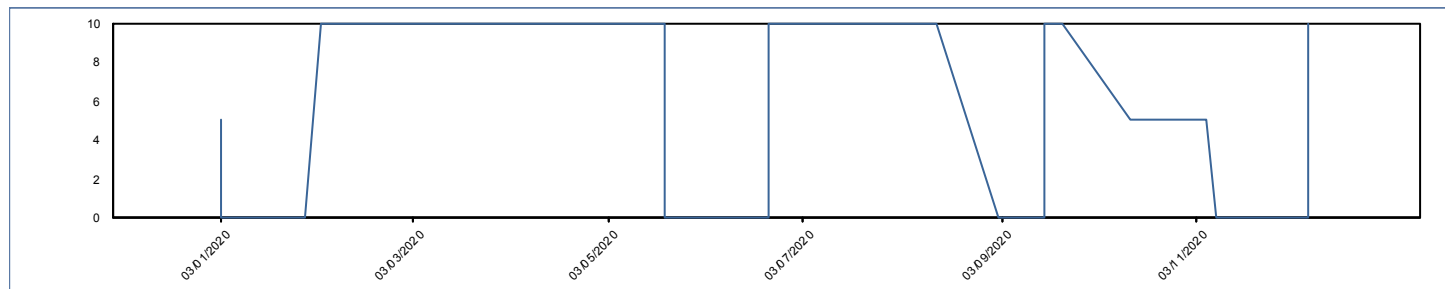
CHIWO103

Number of readings

24

Number of breaches

0



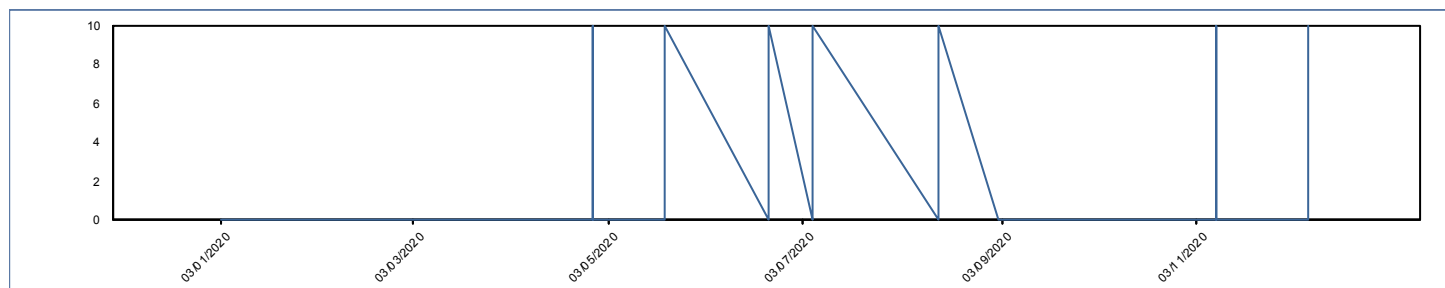
CHIWO104

Number of readings

30

Number of breaches

0



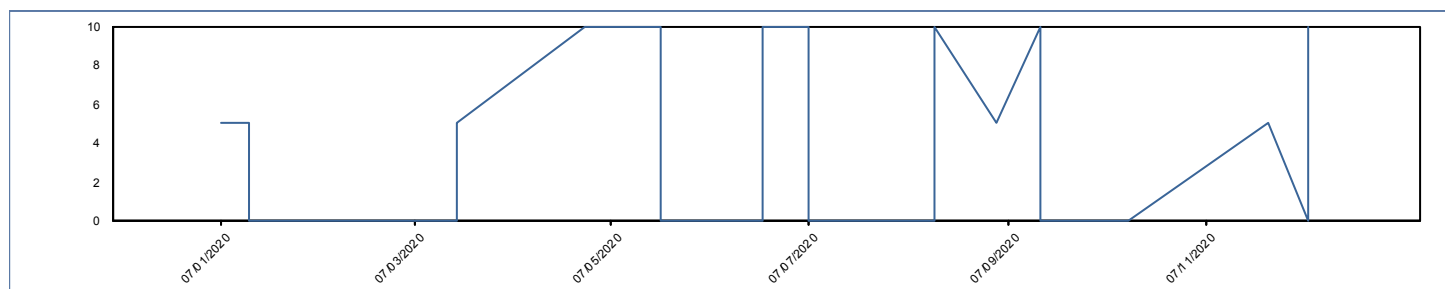
CHIWO105

Number of readings

24

Number of breaches

0



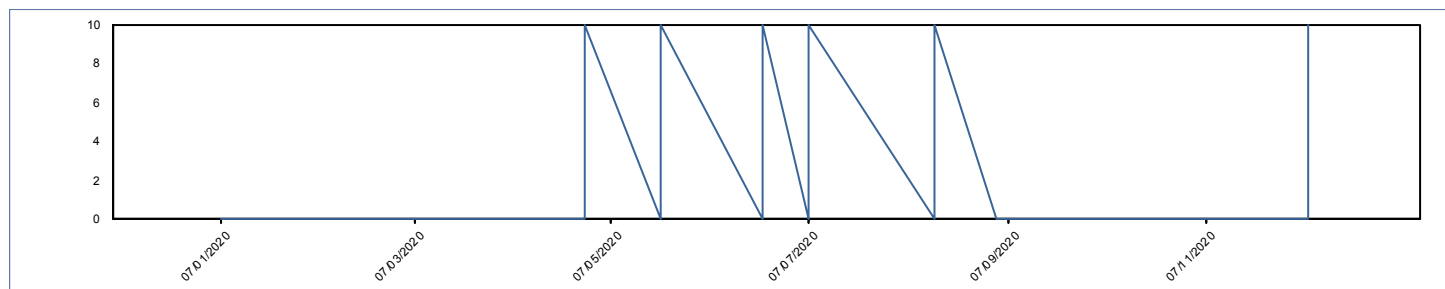
CHIWO106

Number of readings

26

Number of breaches

0



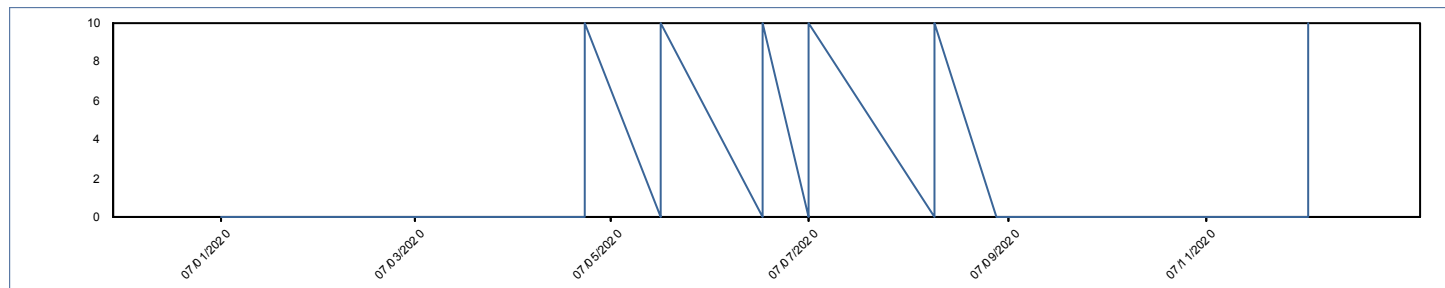
CHIWO107

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

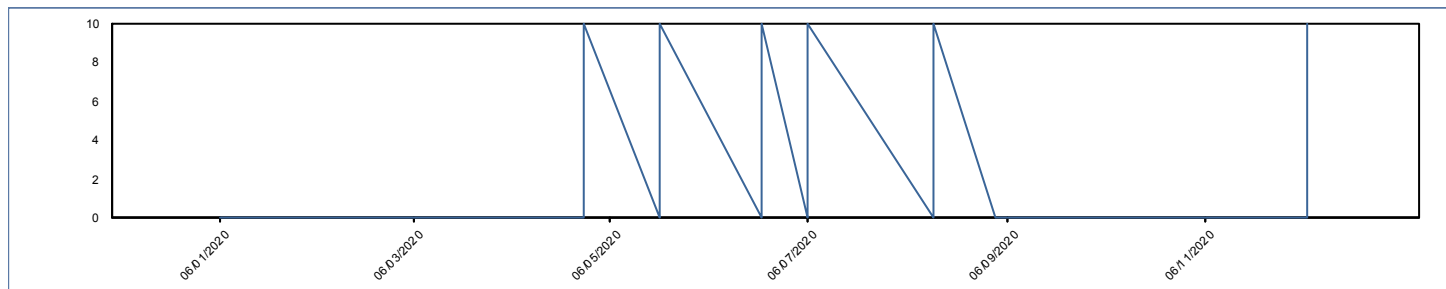
CHIWO108

Number of readings

25

Number of breaches

0



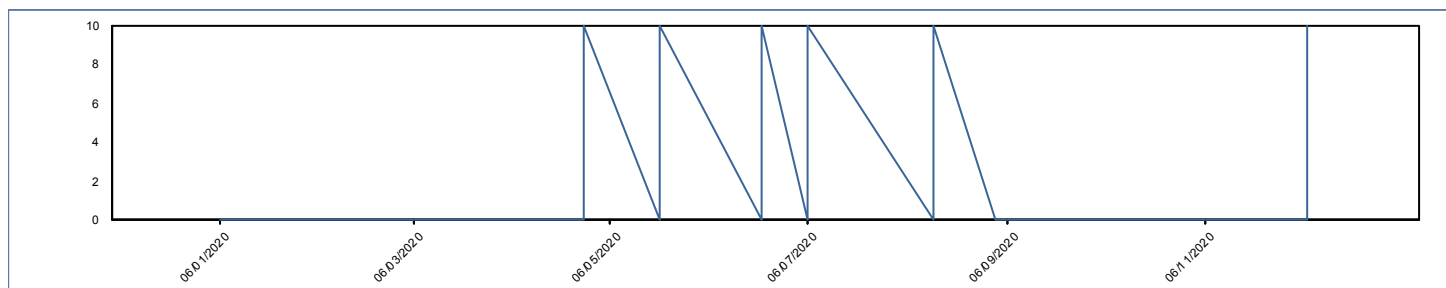
CHIWO109

Number of readings

25

Number of breaches

0



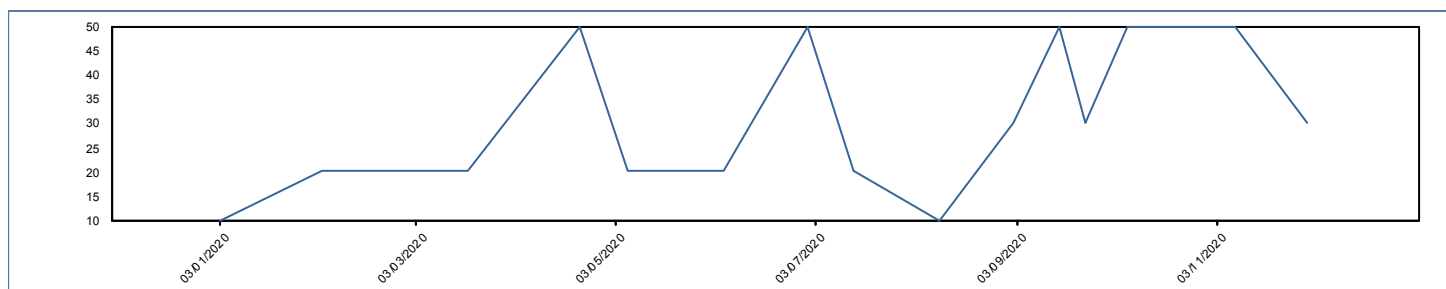
CHIWO110

Number of readings

15

Number of breaches

0



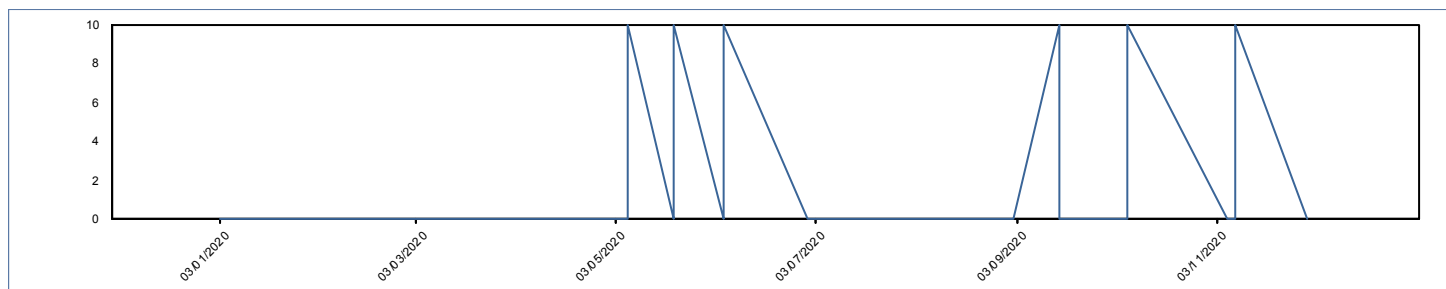
CHIWO111

Number of readings

28

Number of breaches

0



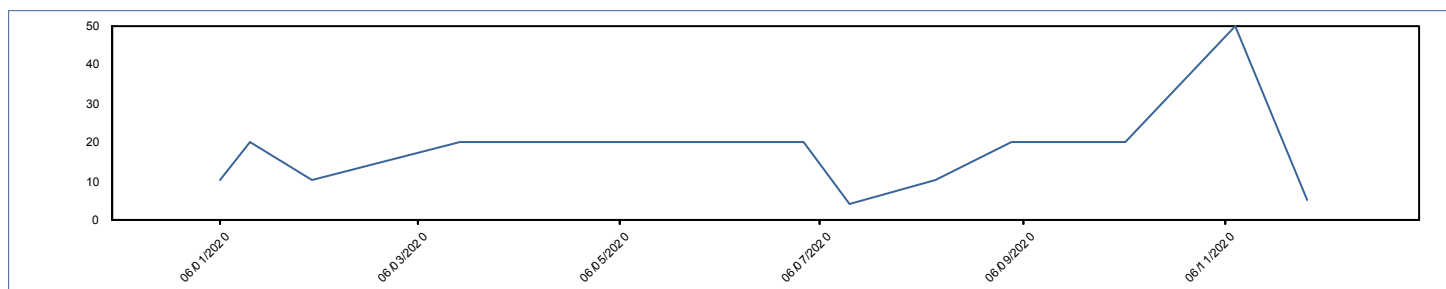
CHIWO112

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

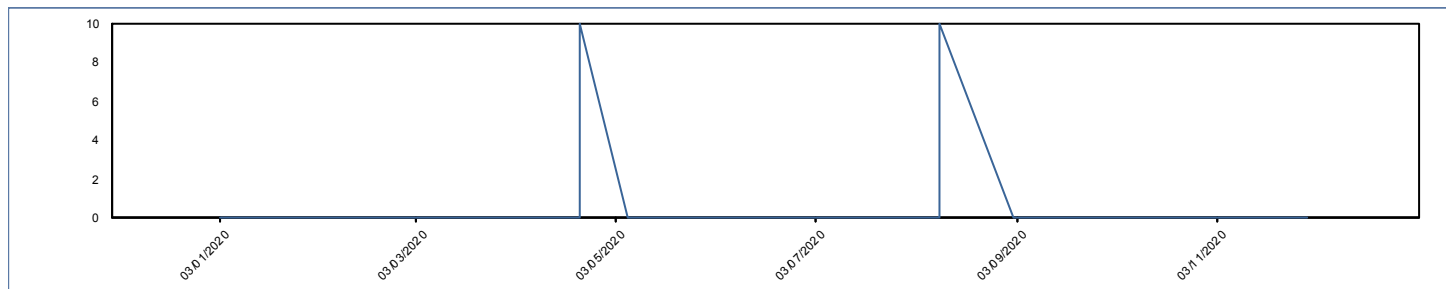
CHIWO113

Number of readings

20

Number of breaches

0



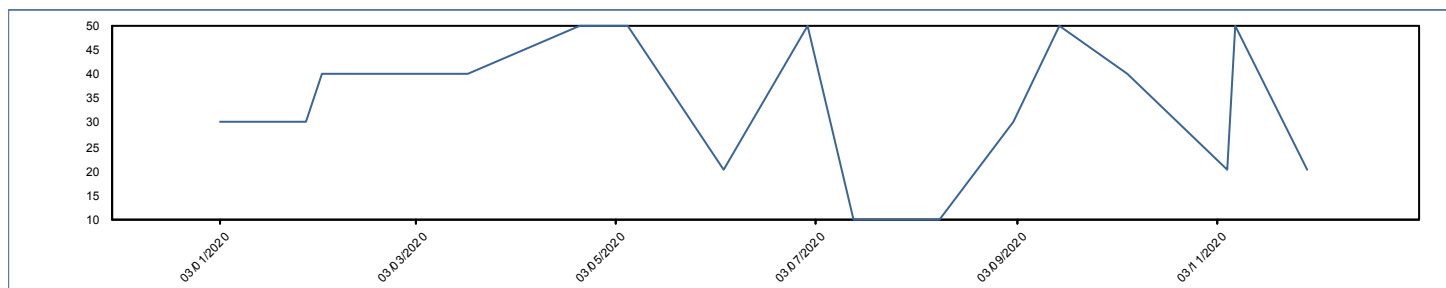
CHIWO115

Number of readings

16

Number of breaches

0



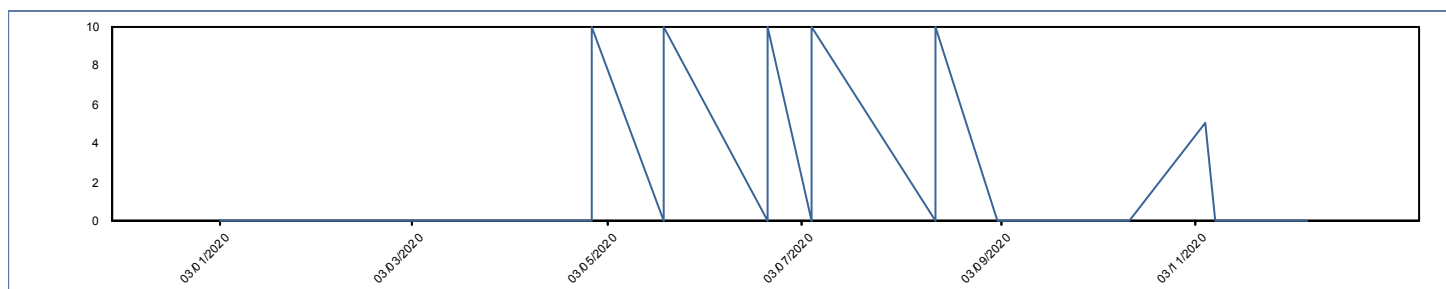
CHIWO116

Number of readings

25

Number of breaches

0



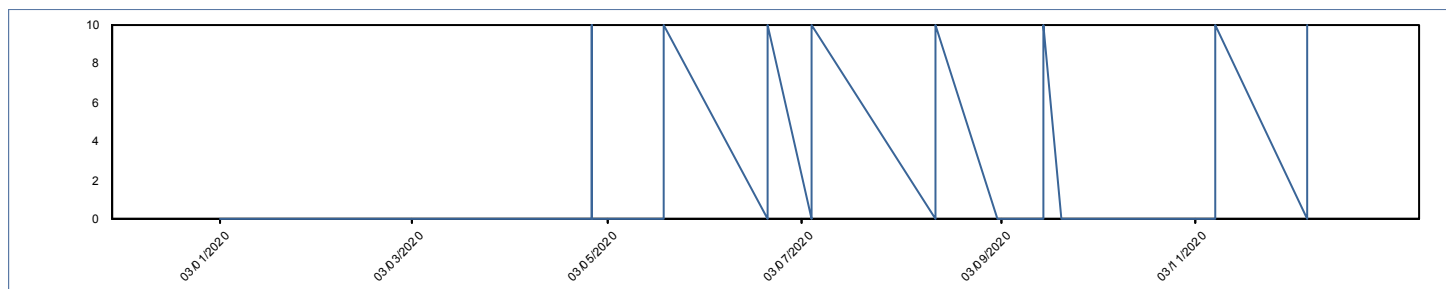
CHIWO117

Number of readings

32

Number of breaches

0



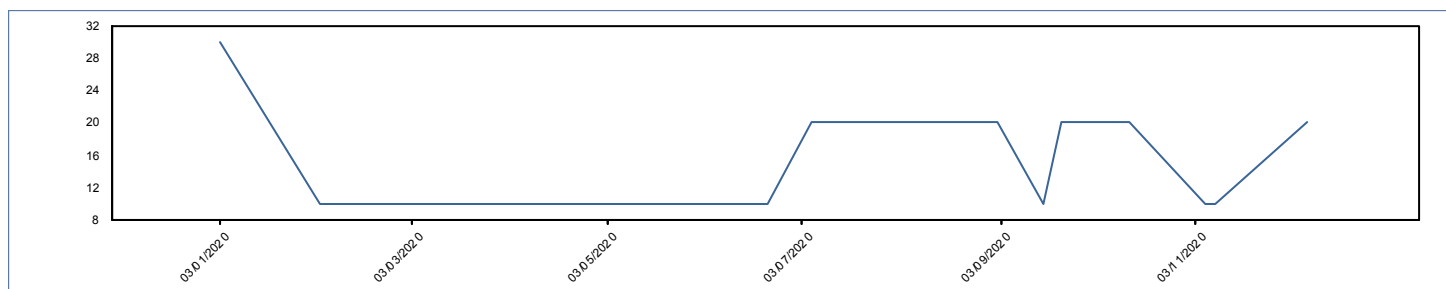
CHIWO118

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

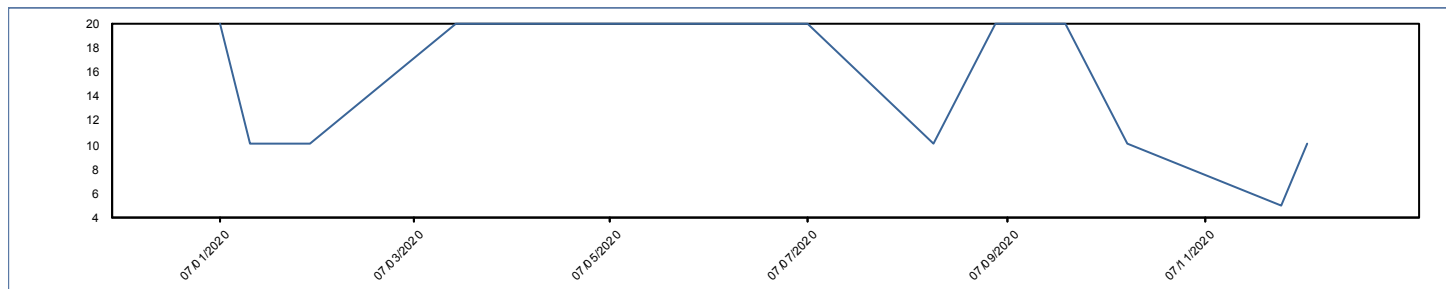
CHI0120

Number of readings

14

Number of breaches

0



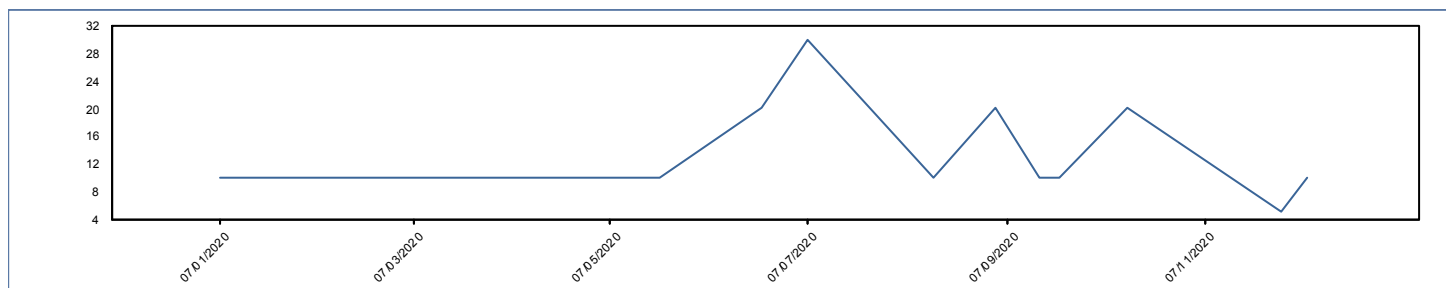
CHI0121

Number of readings

15

Number of breaches

0



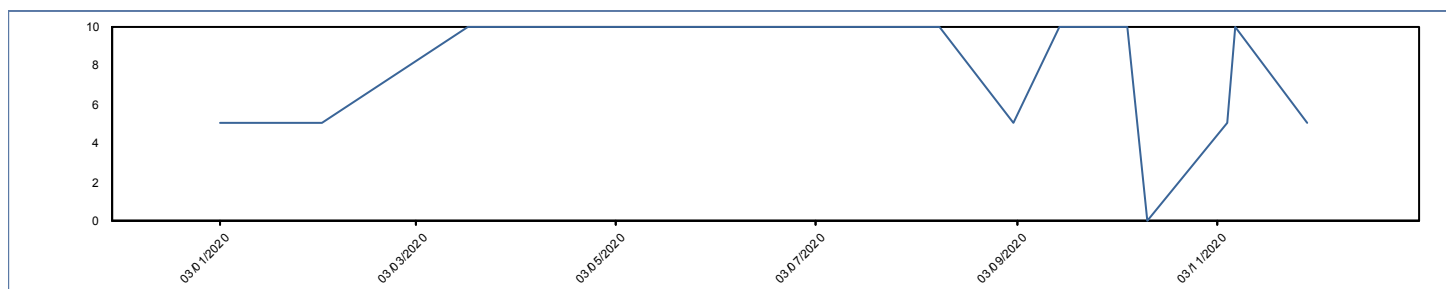
CHI0123

Number of readings

18

Number of breaches

0



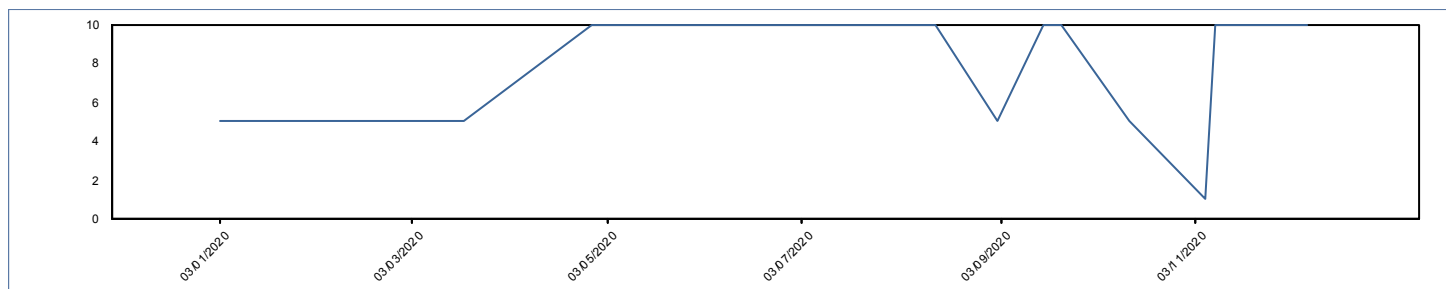
CHI0124

Number of readings

17

Number of breaches

0



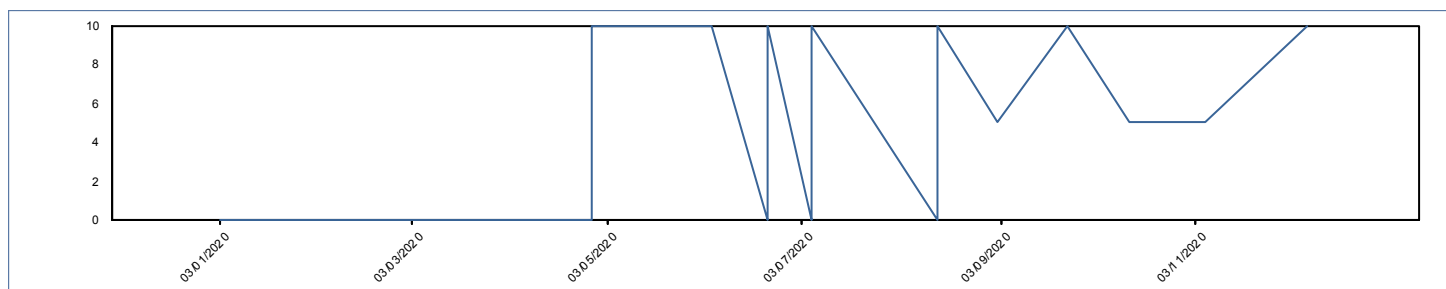
CHI0125

Number of readings

20

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

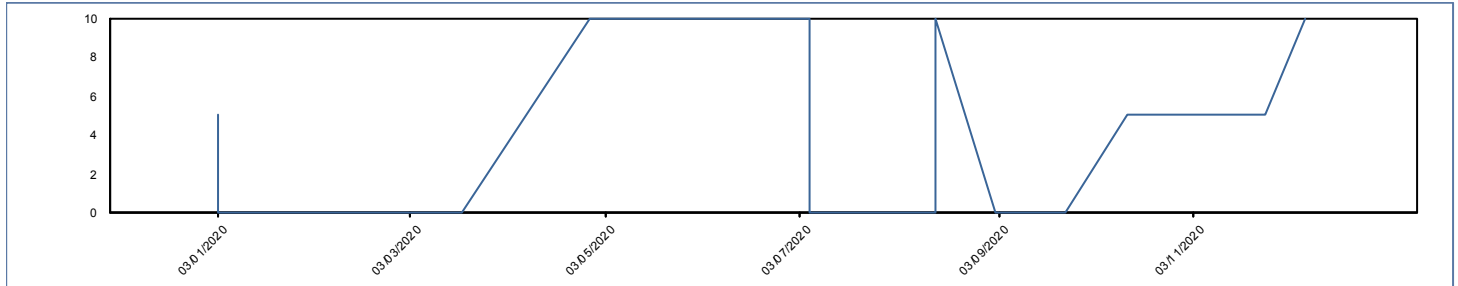
CHI0126

Number of readings

17

Number of breaches

0



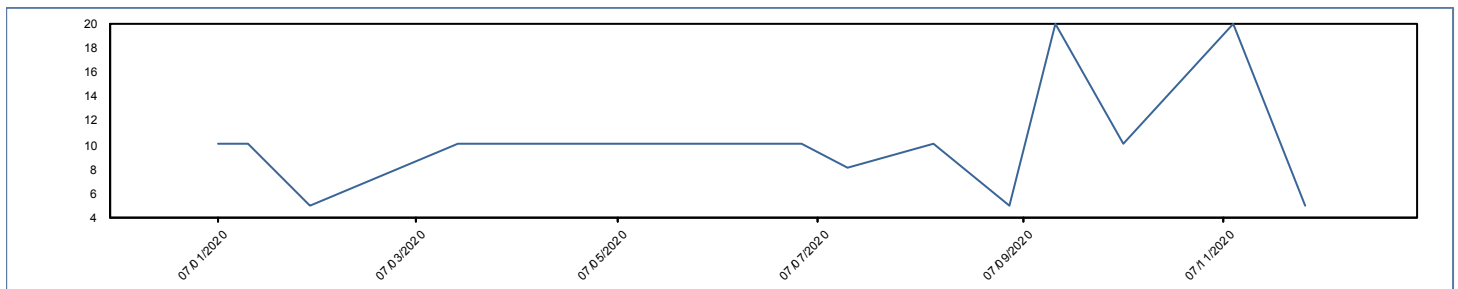
CHI0127

Number of readings

15

Number of breaches

0



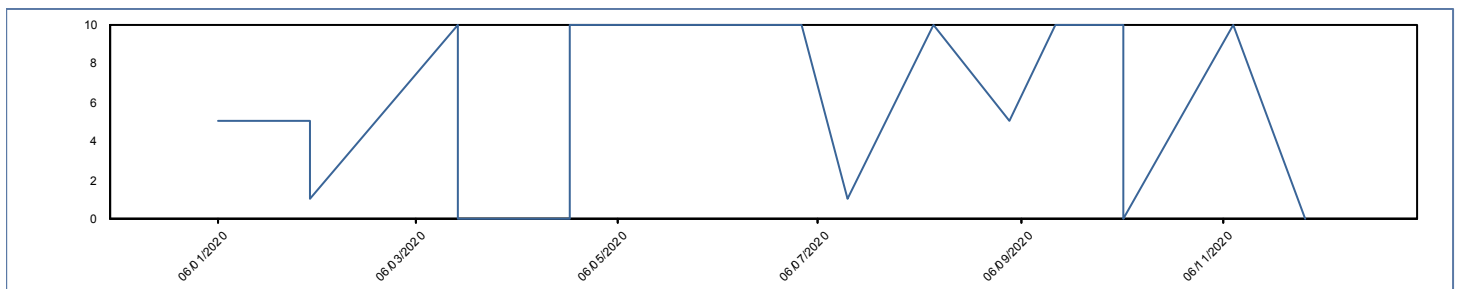
CHI0128

Number of readings

19

Number of breaches

0



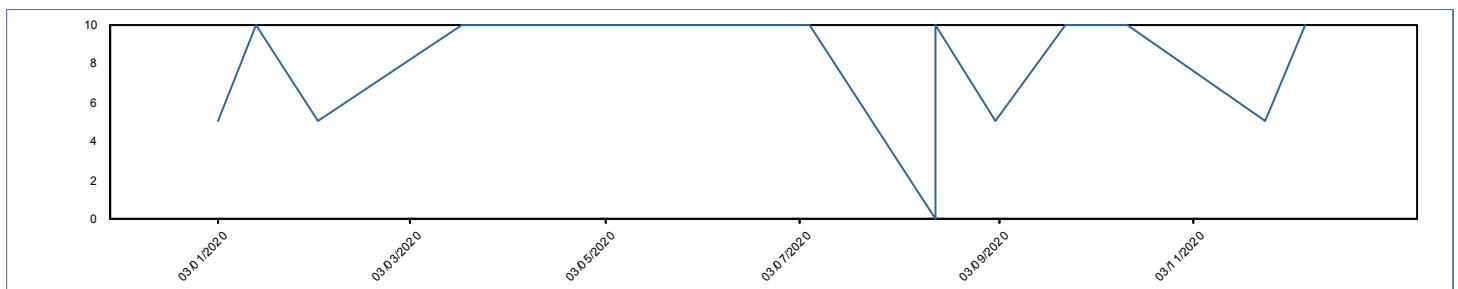
CHI01601

Number of readings

15

Number of breaches

0



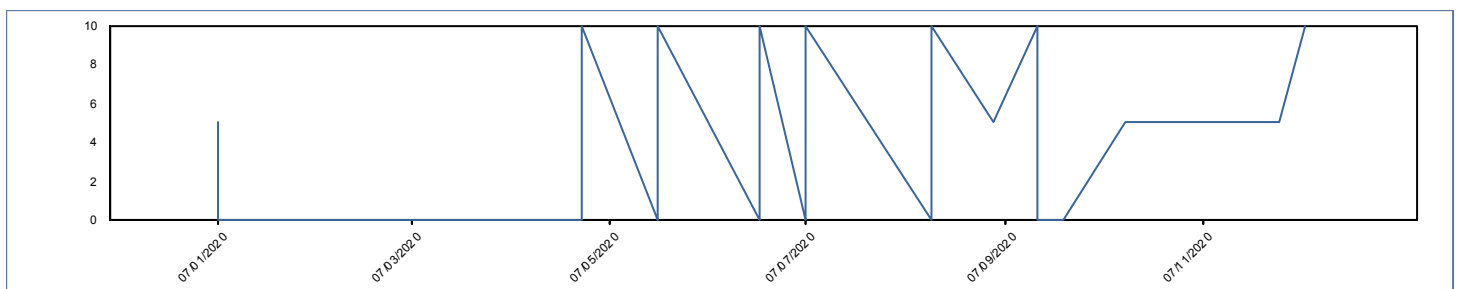
CHI01602

Number of readings

25

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

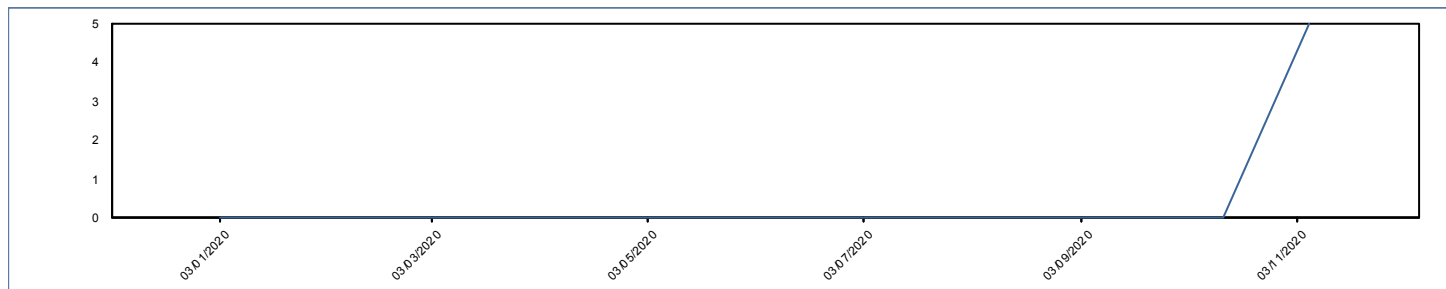
CHI1603

Number of readings

7

Number of breaches

0



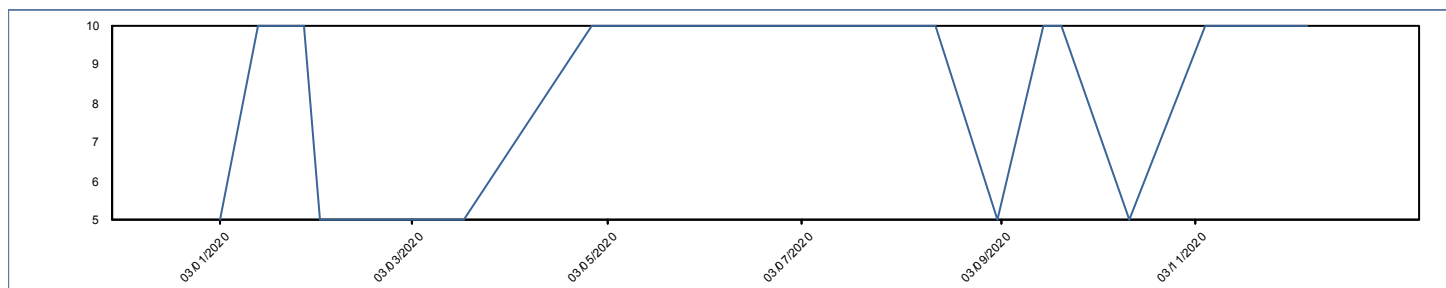
CHI1604

Number of readings

17

Number of breaches

0



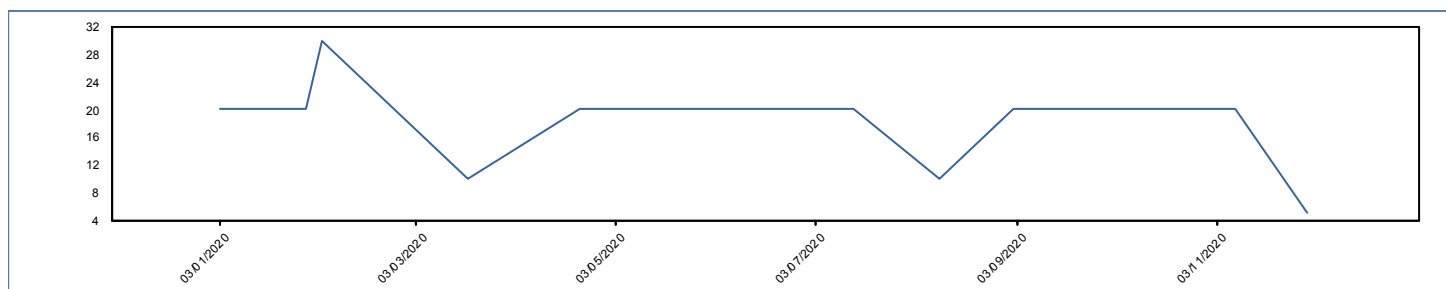
CHI1605

Number of readings

16

Number of breaches

0



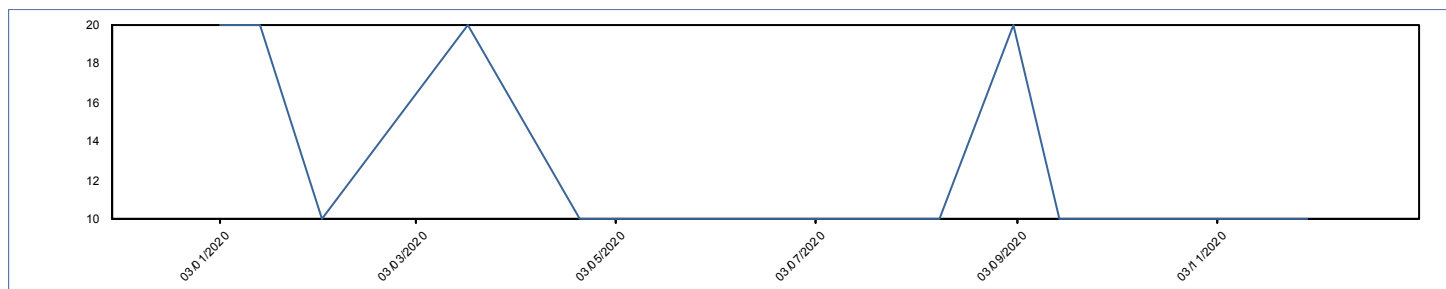
CHI1606

Number of readings

16

Number of breaches

0



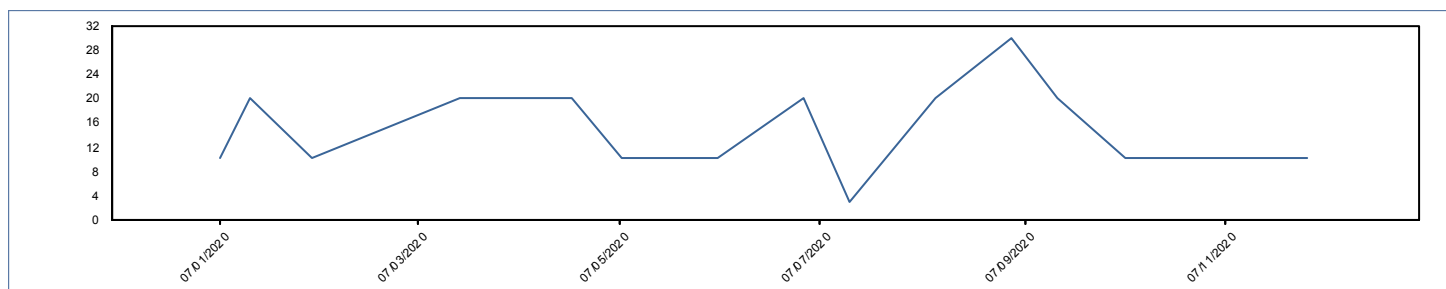
CHI1608

Number of readings

15

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

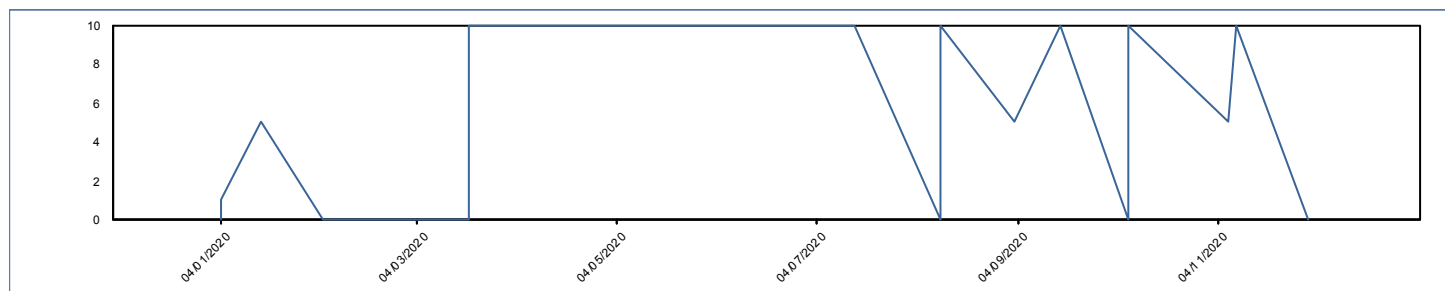
CHI1609

Number of readings

20

Number of breaches

0



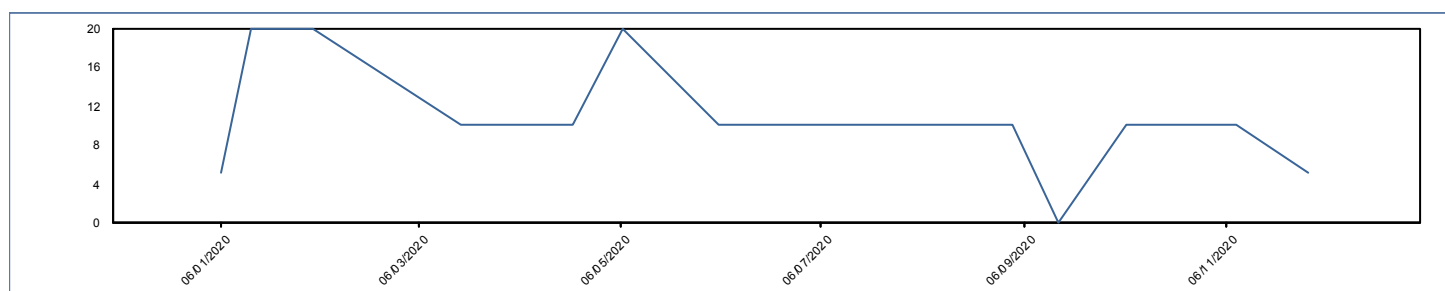
CHI1610

Number of readings

15

Number of breaches

0



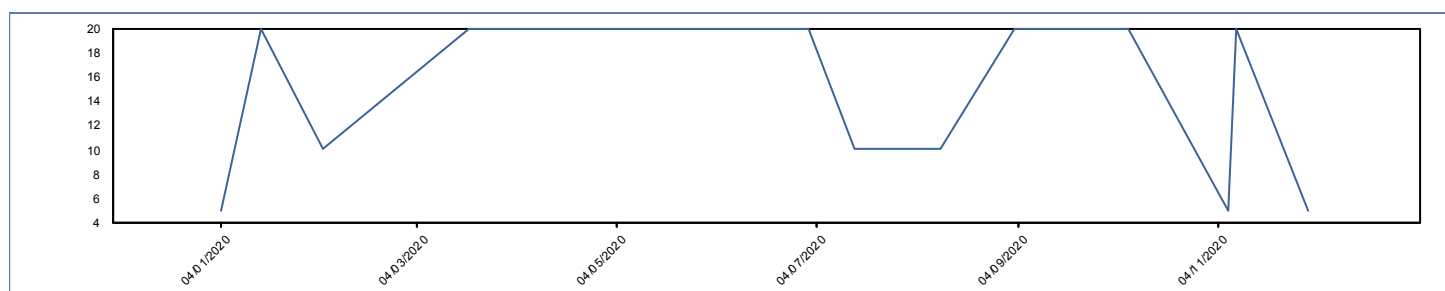
CHI1611

Number of readings

16

Number of breaches

0



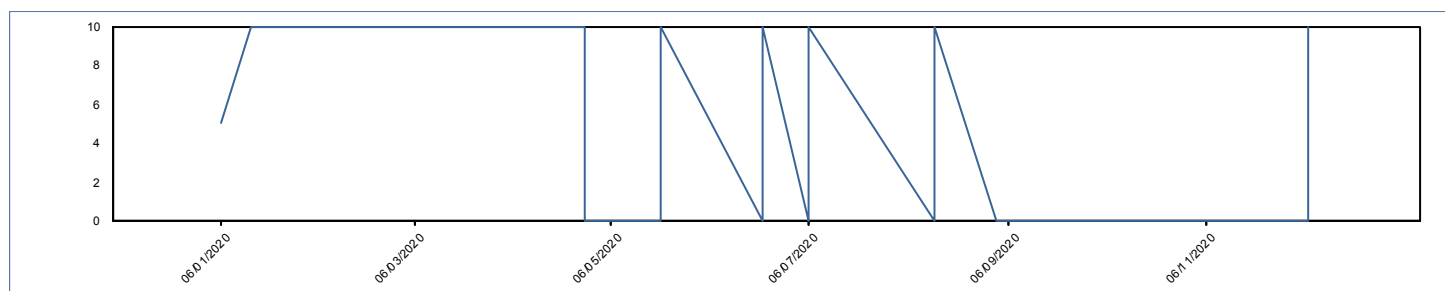
CHI1612

Number of readings

24

Number of breaches

0



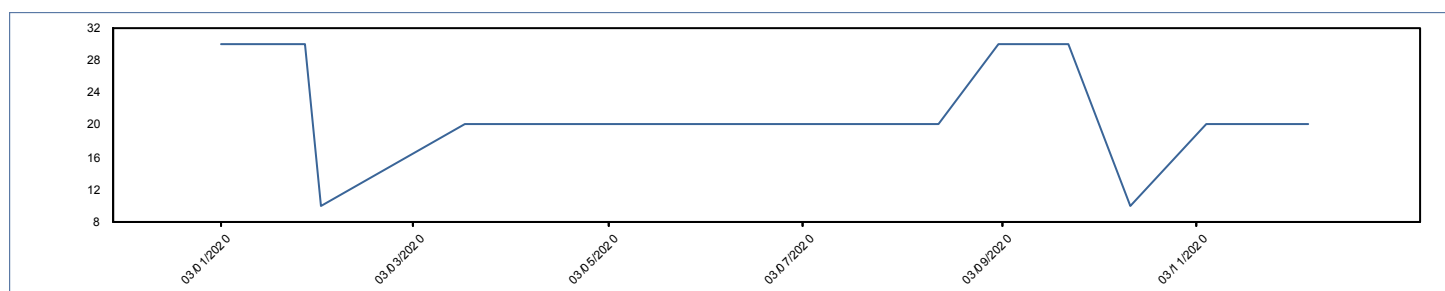
GW44

Number of readings

14

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

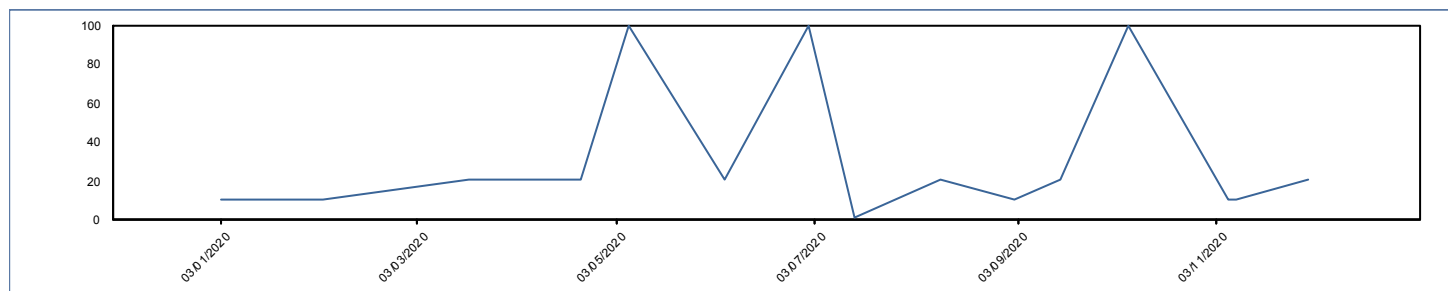
GW48

Number of readings

16

Number of breaches

0



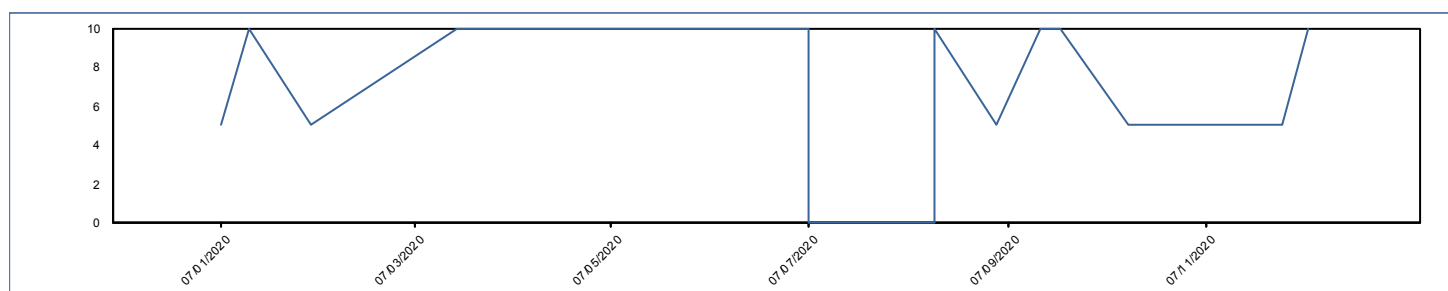
GW56

Number of readings

17

Number of breaches

0



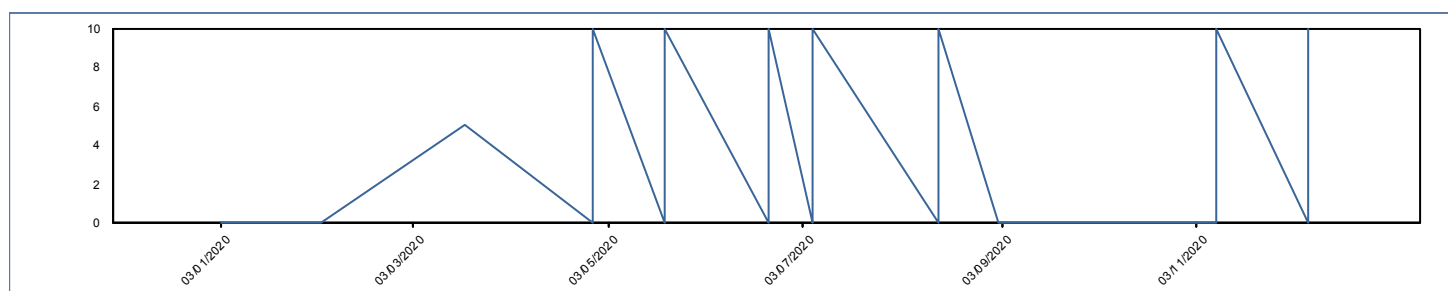
GW57

Number of readings

30

Number of breaches

0



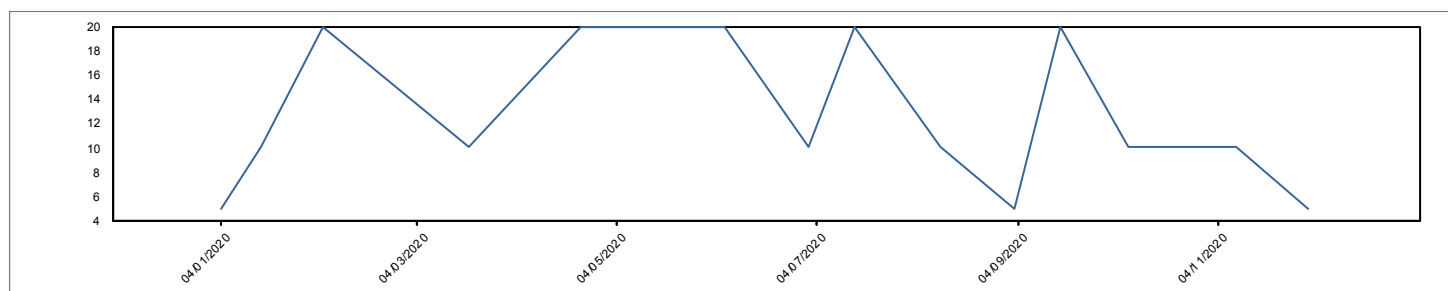
GW88

Number of readings

16

Number of breaches

0



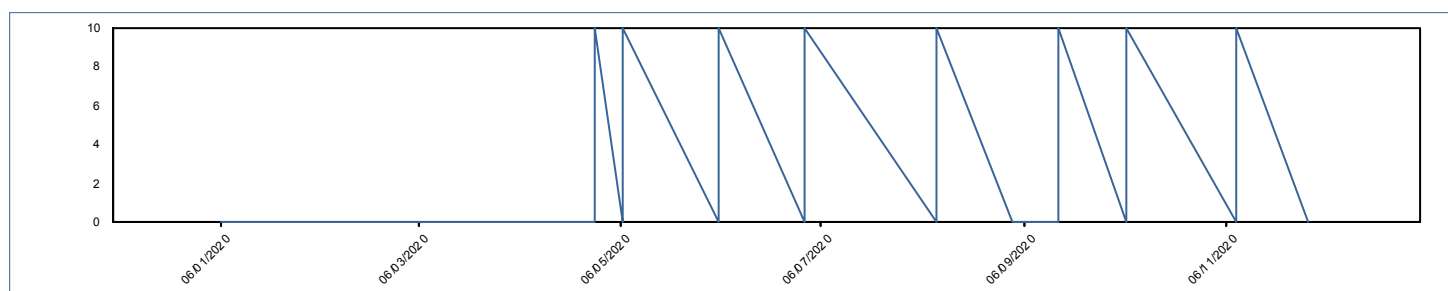
LC005A

Number of readings

29

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

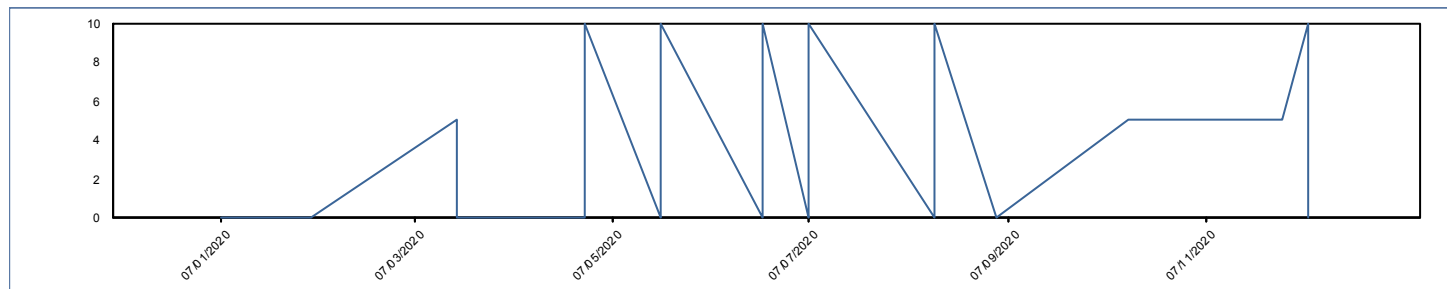
LC01B

Number of readings

24

Number of breaches

0



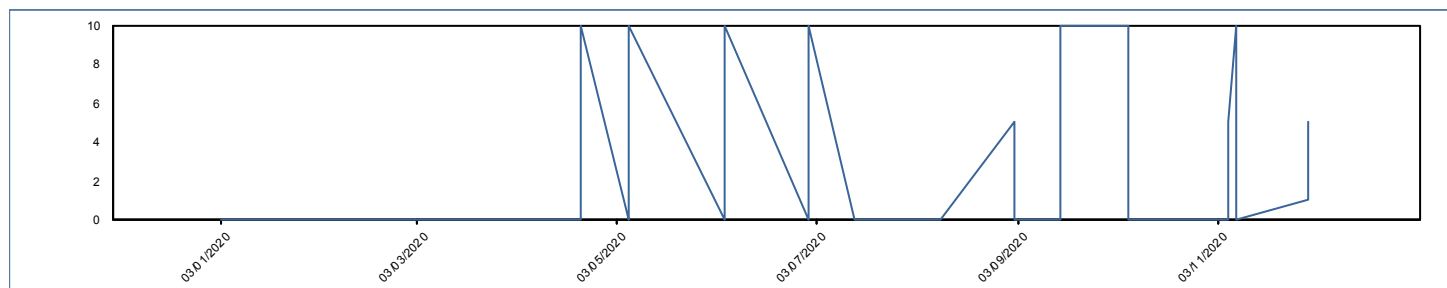
LM04B

Number of readings

28

Number of breaches

0



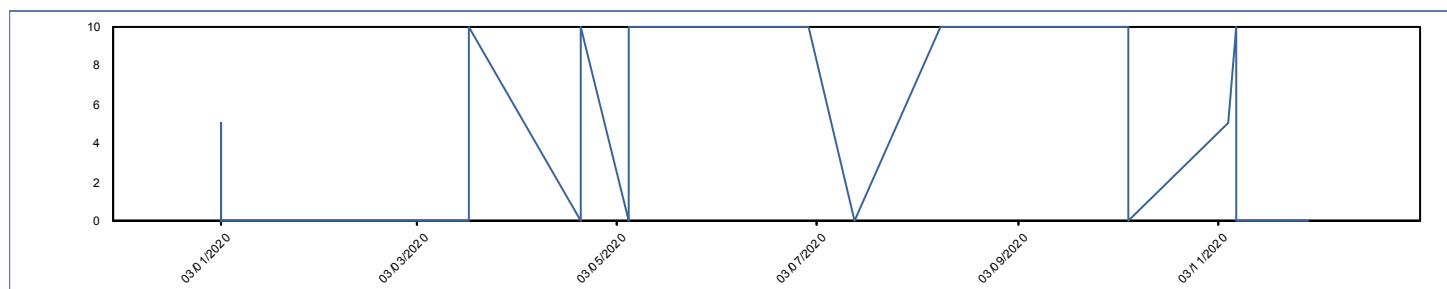
LM07B

Number of readings

25

Number of breaches

0



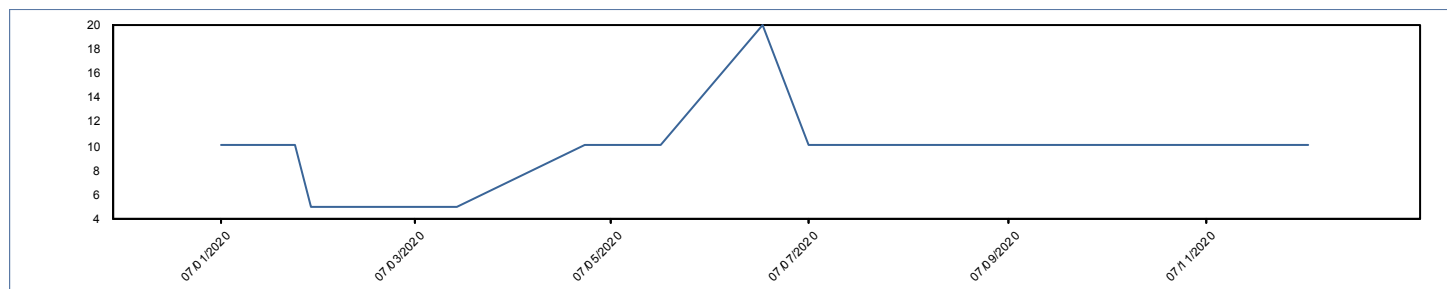
PBLFGXGW01

Number of readings

15

Number of breaches

0



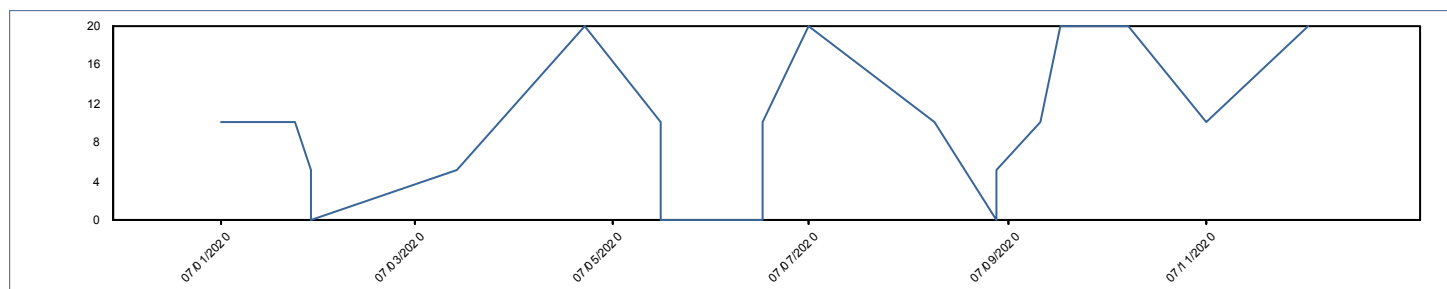
PBLFGXGW03

Number of readings

19

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

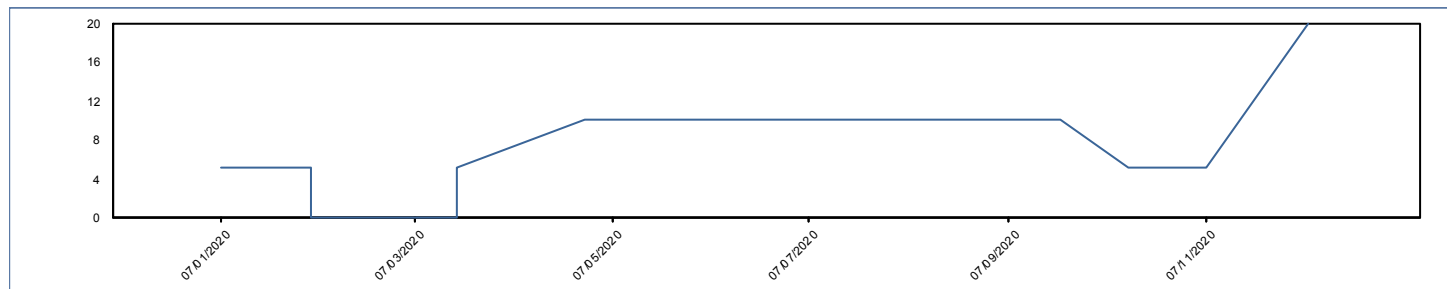
PBLFGXGW07

Number of readings

17

Number of breaches

0



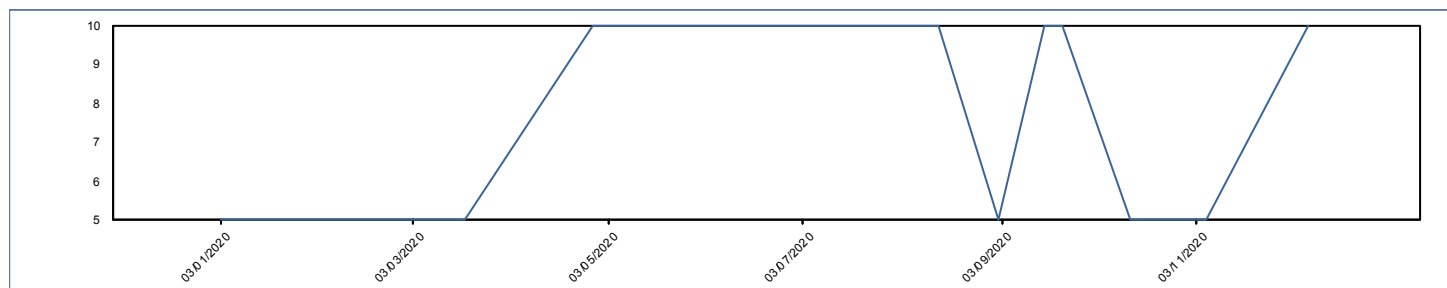
PBLFGXGW18

Number of readings

15

Number of breaches

0



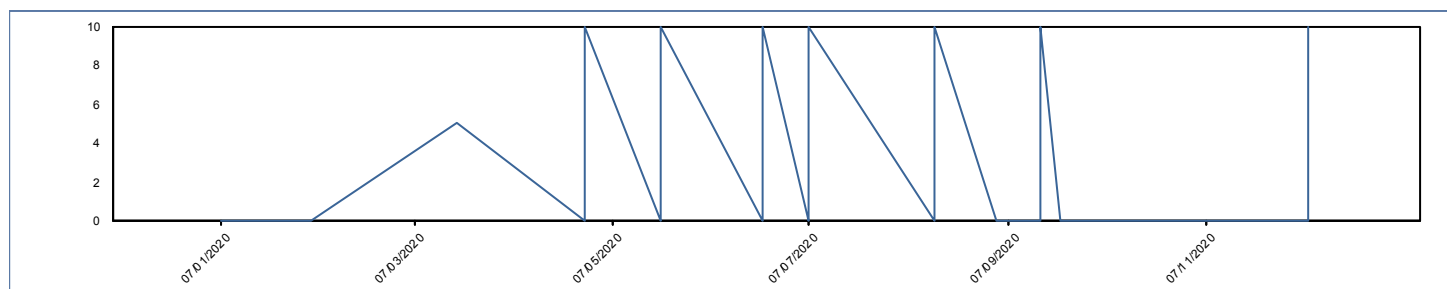
PBLFGXGW28

Number of readings

29

Number of breaches

0



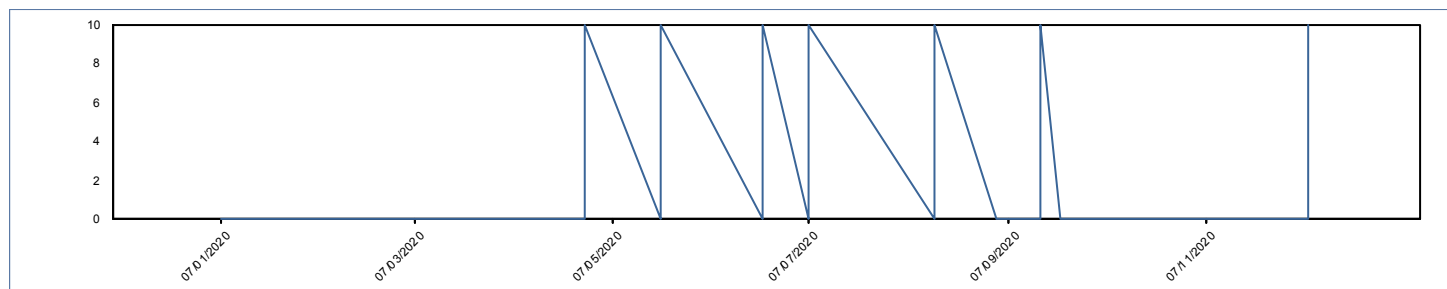
PBLFGXGW29

Number of readings

28

Number of breaches

0



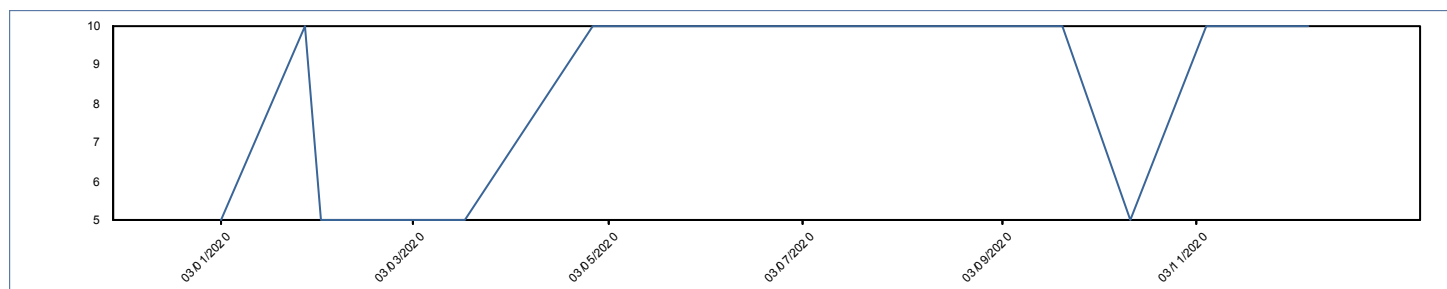
PBLFGXGW30

Number of readings

16

Number of breaches

0



Site: Chirk

Permit: PP3032LN

Test date: 22-Sep-20

Measured Emission Data

Engine 1	Species	Method description	Measurement uncertainty (+ or - mg/Nm3)	Average measured emission concentration (mg/Nm3)	LFTGN05 overall uncertainty (+ or - %)	Maximum emission including uncertainty (mg/Nm3)	Minimum emission including uncertainty (mg/Nm3)	Emission standard (mg/Nm3)
	NOx	Chemiluminescence BS EN 14792	9	827	30	1075	579	650
	CO	Infra red BS EN 15058	33	1004	20	1205	803	1500
	TVOC	Flame ionisation detection BS EN 12619	26	1128	40	1579	677	1750
Engine 2	Species	Method description	Measurement uncertainty (+ or - mg/Nm3)	Average measured emission concentration (mg/Nm3)	LFTGN05 overall uncertainty (+ or - %)	Maximum emission including uncertainty (mg/Nm3)	Minimum emission including uncertainty (mg/Nm3)	Emission standard (mg/Nm3)
	NOx	Chemiluminescence BS EN 14792	10	683	30	888	478	650
	CO	Infra red BS EN 15058	35	935	20	1122	748	1500
	TVOC	Flame ionisation detection BS EN 12619	16.8	884	40	1238	530	1750

Note 1 All data is expressed as mg/Nm3 at 273K, 101.3kPa, dry gas, corrected to an oxygen content of 5% for engines and 3% for flares. Average measured emissions concentration is calculated from data collected over a one hour period.

Note 2 The monitoring and reporting were carried out by SOCOTEC, an MCERTS accredited contractor

Note 3 Measurement uncertainty is shown. Overall site uncertainty could not be deduced from available data - maximum uncertainty values set out in LFTGN05 have therefore been applied.

INFINIS ENERGY SERVICES LIMITED

Periodic monitoring of raw landfill gas

Chirk Landfill Site

Report	LN015924-TG
Date	20 October 2020
Issue	1



PERIODIC MONITORING OF RAW LANDFILL GAS

CHIRK LANDFILL SITE

Report prepared for

Infinis Energy Services Limited
500 Pavilion Drive
Northampton Business Park
Northamptonshire
NN4 7YJ

Report prepared by

SOCOTEC UK Limited
Unit D
Bankside Business Park
Cirencester
Gloucestershire
GL7 1YT

Approved L.Drogomirecki



Issue history

Issue	Date	Approved
LN015924-TG, 1	20 October 2020	L Drogomirecki 
First issue		

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1 Introduction

Infinis Energy Services Limited (Infinis) contracted SOCOTEC UK Limited (SOCOTEC) to undertake monitoring of the landfill gas supply to its combustion operations at the Chirk Landfill site.

2 Test methodology

Infinis requested that duplicate samples of landfill gas be collected and analysed for the priority trace components (LFGTGN04, Table 1.1) specified in Environment Agency guidance (Guidance for monitoring trace components in landfill gas – LFGTGN04 v3.0, 2010). The test methodology should be in accordance with that specified within LFGTGN04.

Based on LFGTGN04 the priority trace gas components are sampled using a combination of four sampling media as shown in Table 1.

Table 1 Sampling media and analytical methods

Trace component	CAS number	Sampling method	Analytical method
1,1-dichloroethane	75-34-3	Dual solid sorbent	ATD-GC-MS
1,2-dichloroethane	107-06-2	Dual solid sorbent	ATD-GC-MS
1,1-dichloroethene	75-35-4	Dual solid sorbent	ATD-GC-MS
1,2-dichloroethene	540-59-0	Dual solid sorbent	ATD-GC-MS
1,3-butadiene	106-99-0	Dual solid sorbent	ATD-GC-MS
1-butanethiol	109-79-5	Dual solid sorbent	ATD-GC-MS
1-pentene	109-67-1	Dual solid sorbent	ATD-GC-MS
1-propanethiol	107-03-9	Dual solid sorbent	ATD-GC-MS
2-butoxyethanol	111-76-2	Dual solid sorbent	ATD-GC-MS
Arsenic (as As)	7440-38-2	Charcoal	ICP-MS
Benzene	71-43-2	Dual solid sorbent	ATD-GC-MS
Butyric acid	107-92-6	Dual solid sorbent	ATD-GC-MS
Carbon disulphide	75-15-0	Dual solid sorbent	ATD-GC-MS
Chloroethane	75-00-3	Dual solid sorbent	ATD-GC-MS
Chloroethene (vinyl chloride)	75-01-4	Dual solid sorbent	ATD-GC-MS
Dichloromethane	75-09-2	Dual solid sorbent	ATD-GC-MS
Dimethyl disulphide	624-92-0	Dual solid sorbent	ATD-GC-MS
Dimethyl sulphide	75-18-3	Dual solid sorbent	ATD-GC-MS
Ethanal (acetaldehyde)	75-07-0	Silica gel/2,4 DNPH	HPLC-DAD
Ethanethiol	75-08-1	Dual solid sorbent	ATD-GC-MS
Ethyl butyrate	105-54-4	Dual solid sorbent	ATD-GC-MS
Furan (1,4-epoxy-1,3-butadiene)	110-00-9	Dual solid sorbent	ATD-GC-MS
Hydrogen sulphide	7783-06-4	Charcoal	IC
Methanal (formaldehyde)	50-00-0	Silica gel/2,4 DNPH	HPLC-DAD
Methanethiol	74-93-1	Dual solid sorbent	ATD-GC-MS
Styrene	100-42-5	Dual solid sorbent	ATD-GC-MS
Tetrachloromethane	56-23-5	Dual solid sorbent	ATD-GC-MS
Toluene	108-88-3	Dual solid sorbent	ATD-GC-MS
Trichloroethene	79-01-6	Dual solid sorbent	ATD-GC-MS

ATD – automated thermal desorption

GC-MS – gas chromatography and mass spectrometry

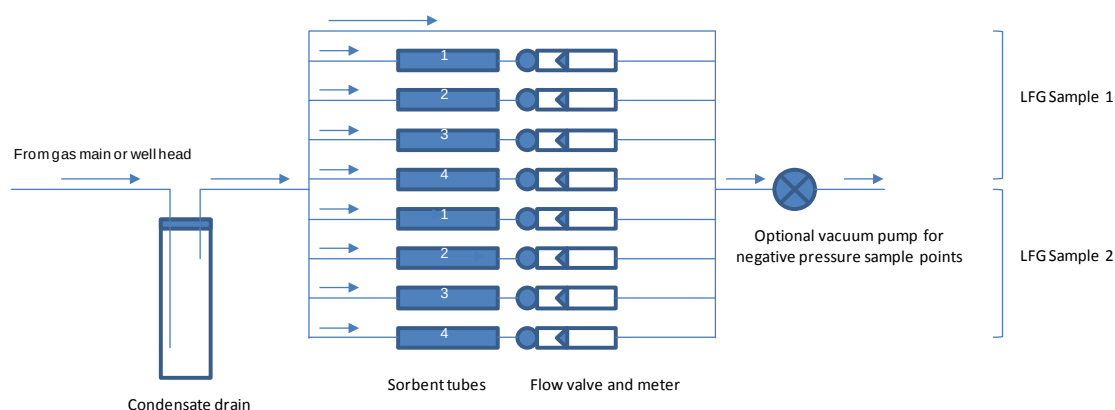
ICP-MS – inductively couple plasma/mass spectrometry

HPLC-DAD – high performance liquid chromatography and diode array detection

IC – ion chromatography

Sampling for all components is undertaken simultaneously using a multiple stream sampler as shown in Figure 1.

Figure 1 Landfill gas sampling arrangement



A sample is taken from either the gas main or well head and passed through a condensate drain to remove excess moisture. The sample gas is then split to pass through a series of eight regulated rotameters arranged in two banks of four. There is also a bypass stream for excess sample. This allows the duplicate simultaneous sampling at regulated flow rates onto four sampling media. The flow rates and sampling duration are set in accordance with LFGTGN04 requirements as summarised in Table 2.

Table 2 Sampling media and analytical methods

Media	Target species	Sampling rate (ml/min)	Sampling duration (min)	Sample volume (l)
Dual solid sorbent (Tenax/Sulficarb)	VOCs	20	10	0.2
Silica gel and 2,4 DNPH (SKC 226-119)	Aldehydes	20	50	1.0
Activated carbon 1 (SKC 226-09)	Arsenic	100	50	5.0
Activated carbon 2 (SKC 226-09)	Hydrogen sulphide	100	50	5.0

In the case of negative pressure sources it is necessary to employ a vacuum pump at the sampler's common outlet. This is not normally required with positive pressure systems

This results in two duplicate samples of landfill gas with each sample comprising the four sub-samples above covering all of the priority trace components within Table 1.

The samples are subject to the analytical procedures described in Table 1 to provide a mass on the collected sample which can then be related to the volume of gas sampled to provide a component concentration in the sampled landfill gas.

The sampling followed internal procedure GAS14 and is accredited under test certificate 1015.

3 Site information

Sample point details			
Date	22 September 2020	Site	Chirk landfill site
Ambient temperature	17°C	Atmospheric pressure	100.8 kPa
Monitoring organisation	SOCOTEC UKAS 1015	Analytical laboratory	SOCOTEC UKAS 1252
Location of sampling point	Gas main to compound After blower	Area of influence of collection system sampled	All
Type of sample point	¼" Tefen	Temperature of gas	19°C
Pressure at sample point	145 mb	Type of waste	Not recorded
Status of gas system	Active	Age of waste	Not recorded

4 Preliminary checks and field measurements

Parameter		Concentration
Methane	%	36.5
Carbon dioxide	%	34.6
Oxygen	%	0.05
Nitrogen	%	28.85
Hydrogen sulphide	ppmv	1.2
Carbon monoxide	ppmv	15.2

*carbon monoxide is measured with a hydrogen sulphide filter in the sampling line.

Preliminary bulk gas measurements were undertaken using a Gasdata LMSxi electrochemical cell analyser (no 5167). Reported measurements are spot readings following gas sampling for a period of 5 minutes.

5 Results of landfill gas analysis

The results of the sampling and analysis are summarised in Table 3 below.

Table 3 Priority trace component measurement results

Parameter		Concentration ($\mu\text{g}/\text{m}^3$,STP)
1 Pentene		20817
1,1-Dichloroethane		<32
1,1-Dichloroethylene		<48
1,2-Dichloroethane		641
1,2-Dichloroethylene		694
1,3-Butadiene		<37
1,4 epoxy 1,3 butadiene		101416
1-Propanethiol		<107
2-butoxyethanol		<107
Benzene		106754
Butyric acid		<214
Carbon disulphide		117429
Carbon tetrachloride		<53
Chloroethane		<53
Dichloromethane		101416
Dimethyl disulphide		1068
Dimethyl sulphide		234859
Ethyl butyrate		<48
Ethyl mercaptan		<160
Methyl mercaptan		<534
N-Butyl mercaptan		<160
Styrene		107
Toluene		30959
Trichloroethene		53
Vinyl chloride monomer		1068
Arsenic		384
Hydrogen sulphide		113159
Acetaldehyde	*	320
Formaldehyde	*	214

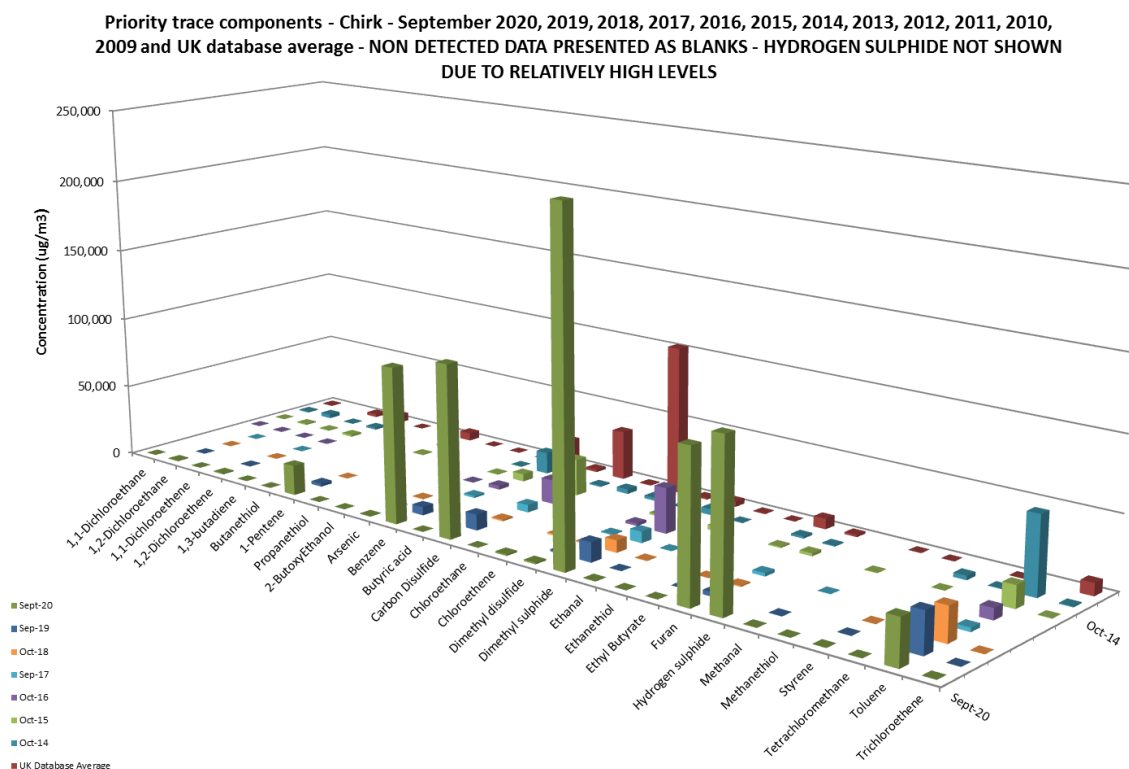
* indicates result is UKAS accredited

< indicates result is below the method limit of detection

The above reported results are the maximum concentrations measured for each parameter in two samples.

The maximum results of the current analyses are compared with historical data and the UK database average in Figure 2.

Figure 2 Historical priority trace component analysis results at Chirk



6 Notes

Sampling of landfill gas was undertaken in accordance with SOCOTEC procedure GAS14 and is UKAS accredited under certificate 1015.

Analysis of collected samples was undertaken by SOCOTEC's Bretby laboratory. The analytical results which fall within SOCOTEC's scope of accreditation under certificate 1252 are identified in Table 3.

The priority component measurements which can be considered to be within the scope of UKAS accreditation are identified in Table 3.

Any interpretations and opinions expressed are outside of the scope of UKAS accreditation.

END OF REPORT

Contact:

Loretta Drogomirecki
SOCOTEC UK Limited
Bankside Trade Park
Cirencester
Gloucestershire
GL7 1YT
T: 07890 637433
E: loretta.drogomirecki@socotec.com

STACK EMISSIONS MONITORING REPORT



Unit 5 Crown Industrial Estate
Kenwood Road
Stockport
SK5 6PH
Tel: 0161 443 0980
Fax: 0161 443 0989

Your contact at SOCOTEC LTD

Loretta Drogomirecki
Technologist - MCERTS Level 2
Tel: +44 (0)7890 637433
Email: Loretta.Drogomirecki@socotec.com

Operator & Address:

Infinis Energy Services Ltd
Chirk Landfill Site
2 Penybont
Pentre
Wrexham
Clwyd
LL14 5AR

Permit Reference:

EPR Permit: PP3032LN

Release Point:

Engine 1

Sampling Date(s):

3rd November 2020

SOCOTEC Job Number:	LNO 15924
Report Date:	13th November 2020
Version:	1
Report By:	Andy Hegarty
MCERTS Number:	MM 03 397
MCERTS Level:	MCERTS Level 2 - Team Leader
Technical Endorsements:	1, 2, 3 & 4
Report Approved By:	Loretta Drogomirecki
MCERTS Number:	MM 15 1345
Business Title:	MCERTS Level 2 - Team Leader
Technical Endorsements:	1, 2, 3 & 4
Signature:	



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- On-Site Testing

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EXECUTIVE SUMMARY

MONITORING OBJECTIVES

Infinis Energy Services Ltd operates a engine fuelled with landfill gas process at Chirk Landfill Site which is subject to EPR Permit PP3032LN, under the Environmental Permitting Regulations 2010.

SOCOTEC LTD were commissioned by Infinis Energy Services Ltd to carry out stack emissions monitoring to determine the release of prescribed pollutants from the following Plant under normal operating conditions.

The results of these tests shall be used to demonstrate compliance with a set of emission limit values for prescribed pollutants as specified in the Plant's EPR Permit, PP3032LN.

Plant

Engine 1

Operator

Infinis Energy Services Ltd
Chirk Landfill Site
2 Penybont
Pentre
Wrexham
Clwyd
LL14 5AR
EPR Permit: PP3032LN

Stack Emissions Monitoring Test House

SOCOTEC - Stockport Laboratory
Unit 5 Crown Industrial Estate
Kenwood Road
Stockport
SK5 6PH
UKAS and MCERTS Accreditation Number: 1015

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
MCERTS accredited results will only be claimed where both the sampling and analytical stages are UKAS accredited.
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EXECUTIVE SUMMARY

EMISSIONS SUMMARY					
Parameter	Units	Result	Calculated Uncertainty +/-	Emission Limit Value (ELV)	MCERTS accredited result
Total Volatile Organic Compounds	mg/m ³	1128	26	1750	✓
Oxides of Nitrogen (as NO ₂)	mg/m ³	827	9.2	650	✓
Carbon Monoxide	mg/m ³	1004	33	1500	✓
Oxygen	% v/v	6.2	0.23	-	✓
Moisture	%	4.9	0.29	-	✓

ND - none detected.

Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

EXECUTIVE SUMMARY

MONITORING TIMES			
Parameter	Sampling Date(s)	Sampling Times	Sampling Duration
Total Volatile Organic Compounds Run 1	3rd November 2020	09:23 - 10:23	60 minutes
Combustion Gases	3rd November 2020	09:23 - 10:23	60 minutes

EXECUTIVE SUMMARY

PROCESS DETAILS

Parameter	Process Details
Description of process	Engine fuelled with landfill gas
Continuous or batch	Continuous
Product Details	Electricity
Part of batch to be monitored (if applicable)	N/A
Normal load, throughput or continuous rating	Maximum 1150 kW, actual 875 kW
Fuel used during monitoring	Landfill gas
Abatement	None
Plume Appearance	None visible

EXECUTIVE SUMMARY

Monitoring Methods

The selection of standard reference / alternative methods employed by SOCOTEC is determined, wherever possible by the hierarchy of method selection outlined in Environment Agency Technical Guidance Note (Monitoring) M2.

MONITORING METHODS							
Species	Method Standard Reference Method / Alternative Method	SOCOTEC Technical Procedure	UKAS Lab Number	MCERTS Accredited Method	Limit of Detection (LOD)	Calculated MU +/- % Result	Calculated MU +/- % ELV
Total Volatile Organic Compounds	SRM - BS EN 12619:2013	AE 102	1015	Yes	0.51 mg/m ³	2.3%	1.5%
Oxides of Nitrogen	SRM - BS EN 14792:2017	AE 102	1015	Yes	1.11 mg/m ³	1.1%	1.4%
Carbon Monoxide	SRM - BS EN 15058:2017	AE 102	1015	Yes	2.98 mg/m ³	3.3%	2.0%
Oxygen	AM - BS EN 14789:2017	AE 102	1015	Yes	0.01%	3.7%	N/A - No ELV
Moisture	SRM - BS EN 14790	AE 105	1015	Yes	0.1%	5.8%	N/A - No ELV

EXECUTIVE SUMMARY

Analytical Methods

The following tables list the analytical methods employed together with the custody details. Unless otherwise stated the samples are archived at the analysis lab location.

SAMPLING METHODS WITH SUBSEQUENT ANALYSIS							
Species	Analytical Technique	Analytical Procedure	UKAS Lab Number	UKAS Accredited Lab Analysis	Analysis Lab	Analysis Report number	Archive Period
-	-	-	-	-	-	-	-

ON-SITE TESTING							
Species	Analytical Technique	Analytical Procedure	UKAS Lab Number	MCERTS Accredited Analysis	Laboratory	Data Archive Location	Archive Period
Total Volatile Organic Compounds	Flame Ionisation Detection	AE 102	1015	Yes	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Oxides of Nitrogen	Chemiluminescence	AE 102	1015	Yes	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Carbon Monoxide	Non Dispersive Infra Red	AE 102	1015	Yes	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Oxygen	Zirconia Cell	AE 102	1015	Yes	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Moisture	Gravimetric	AE 105	1015	Yes	SOCOTEC (Stockport)	-	-

EXECUTIVE SUMMARY

DUCT CHARACTERISTICS		
	Value	Units
Shape	Circular	-
Depth	0.30	m
Width	-	m
Area	0.07	m ²
Port Depth	10	mm

SAMPLING LINES & POINTS		
	Isokinetic	Non-Iso & Gases
Sample port size	-	1/4" Hole
Number of lines used	-	1
Number of points / line	-	1
Duct orientation	-	Vertical

SAMPLING PLATFORM	
General Platform Information	
Permanent / Temporary Platform / Ground level / Floor Level / Roof	Ground Level
Inside / Outside	Inside

M1 Platform requirements	
Is there a sufficient working area so work can be performed in a compliant manner	Yes
Platform has 2 levels of handrails (approximately 0.5 m & 1.0 m high)	N/A
Platform has vertical base boards (approximately 0.25 m high)	N/A
Platform has removable chains / self closing gates at the top of ladders	N/A
Handrail / obstructions do not hamper insertion of sampling equipment	Yes
Depth of Platform = >Stack depth / diameter + wall and port thickness + 1.5m	Yes

Sampling Platform Improvement Recommendations (if applicable)

The sampling location meets all the requirements as specified in EA Guidance Note M1.

EXECUTIVE SUMMARY

Sampling & Analytical Method Deviations

Unheated Probe

The sampling hole is of a relatively small diameter and as such it is not large enough for Socotec to use a heated probe during the sampling of water vapour. However it should be noted that the stack temperature is 550C and the entire sampling train was weighed during the gravimetric determination.

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APPENDIX 1 - Monitoring Schedule, Calibration Checklist & Monitoring Team

MONITORING SCHEDULE					
Species	Method Standard Reference Method / Alternative Method	SOCOTEC Technical Procedure	UKAS Lab Number	MCERTS Accredited Method	Number of Samples
Total Volatile Organic Compounds	SRM - BS EN 12619:2013	AE 102	1015	Yes	1
Oxides of Nitrogen	SRM - BS EN 14792:2017	AE 102	1015	Yes	1
Carbon Monoxide	SRM - BS EN 15058:2017	AE 102	1015	Yes	1
Oxygen	AM - BS EN 14789:2017	AE 102	1015	Yes	1
Moisture	SRM - BS EN 14790	AE 105	1015	Yes	1

APPENDIX 1 - Monitoring Schedule, Calibration Checklist & Monitoring Team

CALIBRATEABLE EQUIPMENT CHECKLIST					
Extractive Sampling		Instrumental Analyser/s		Miscellaneous	
Equipment	Equipment I.D.	Equipment	Equipment I.D.	Equipment	Equipment I.D.
Control Box DGM	-	Horiba PG-250 Analyser	LNO 21-16	Laboratory Balance	-
Box Thermocouples	-	FT-IR Gasmet	-	Tape Measure	LNO 24-AH
Meter In Thermocouple	-	FT-IR Oven Box	-	Stopwatch	LNO 17-AH
Meter Out Thermocouple	-	Bernath 3006 FID	-	Protractor	-
Control Box Timer	-	Signal 3030 FID	-	Barometer	LNO 08-AH
Oven Box	-	Servomex	-	Digital Micromanometer	LNO 01-AH
Probe	-	JCT Heated Head Filter	-	Digital Temperature Meter	LNO 03-AH
Probe Thermocouple	-	Thermo FID	LNO 21-52	Stack Thermocouple	LNO 10-AH
Probe	-	Stackmaster	-	Mass Flow Controller	LNO 29-68
Probe Thermocouple	-	FTIR Heater Box for Heated Line	-	MFC Display module	LNO 29-68
S-Pitot	-	Anemometer	-	1m Heated Line (1)	-
L-Pitot	-	Ecophysics NOx Analyser	-	1m Heated Line (2)	-
Site Balance	LNO 14-AH	Chiller (JCT/MAK 10)	LNO 21-39	1m Heated Line (3)	-
Last Impinger Arm	-	Heated Line Controller (1)	LNO 03-120	5m Heated Line (1)	-
Dioxins Cond. Thermocouple	-	Heated Line Controller (2)	-	10m Heated Line (1)	-
Callipers	-	Site temperature Logger	-	10m Heated Line (2)	-
Small DGM	-		-	15m Heated Line (1)	-
Heater Controller	-		-	20m Heated Line (1)	LNO 18-134
Inclinometer (Swirl Device)	-		-	20m Heated Line (2)	-

NOTE: If the equipment I.D is represented by a dash (-), then this piece of equipment has not been used for this test.

CALIBRATION GASES					
Gas (traceable to ISO 17025)	Cylinder I.D Number	Supplier	ppm	%	Analytical Tolerance +/- %
Oxygen	HPC 2137	BOC	-	10.02	2.0
Propane	245433	BOC	825	-	2.0
Nitric Oxide	245433	BOC	395	-	2.0
Carbon Monoxide	245433	BOC	1528	-	2.0

STACK EMISSIONS MONITORING TEAM

MONITORING TEAM								
Personnel	MCERTS Number	MCERTS		TE / H&S Qualifications and Expiry Date				
		Level	Expiry	TE1	TE2	TE3	TE4	H&S
Andy Hegarty	MM 03 397	MCERTS Level 2	Jun-21	Oct-24	Jun-21	Aug-21	Dec-24	Jan-24

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

TOTAL VOLATILE ORGANIC COMPOUNDS SUMMARY

Test	Sampling Times	Concentration mg/m ³	LOD mg/m ³	ELV mg/m ³	Emission Rate g/hr
Run 1	09:23 - 10:23 3rd November 2020	1128	0.40	1750	-

Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

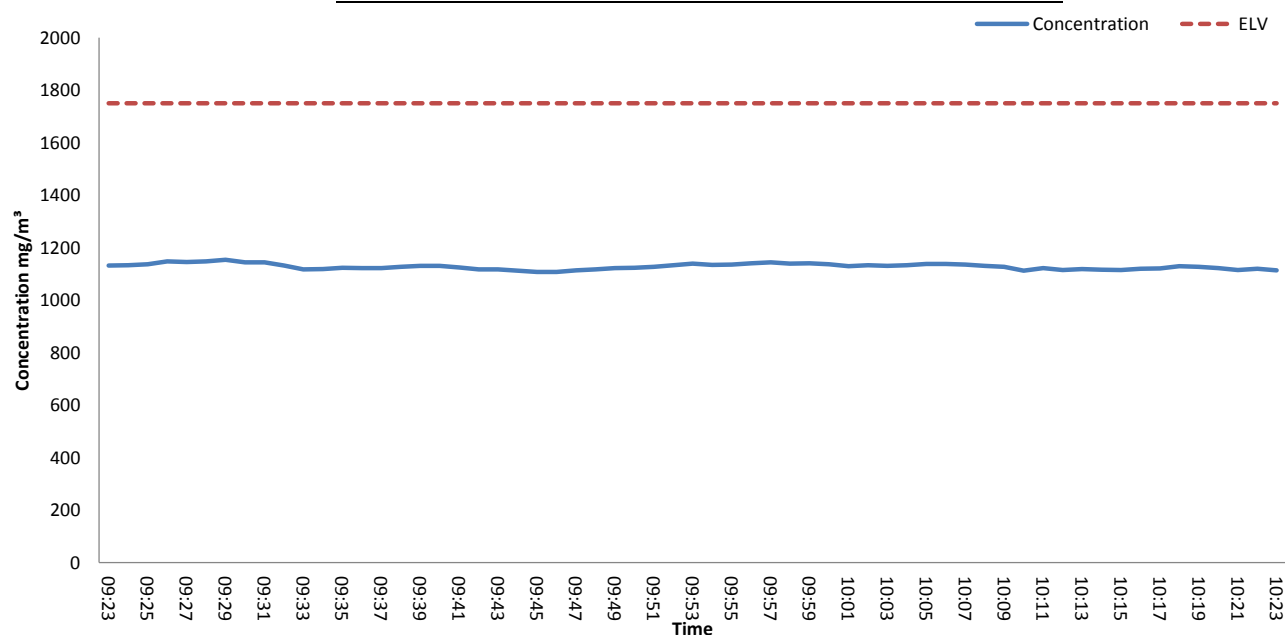
INSTRUMENTAL SPAN & ZERO CHECKS

PRE-SAMPLING CALIBRATION CHECKS								
Date	3rd November 2020							
Start Time	08:55							
End Time	09:14							
Gas	Gas Conc (ppm)	Range	Instrument Zero Reading	Instrument Span Reading	Instrument Zero Reading	Zero Down line reading	Span down line reading	Leak Rate (%)
Propane	825.0	1000	0.00	825.0	0.00	0.04	822.8	0.27

Zero and Span gas contained 0% Oxygen

POST-SAMPLING CALIBRATION CHECKS								
Date	3rd November 2020							
Start Time	10:26							
End Time	10:40							
Gas	Mean Raw Value ppm	Zero down line reading	Span down line reading	Zero Drift (%)	Span Drift (%)	Corrected for Zero Drift	Corrected for Span Drift	Corrected Values ppm / %
Propane	615.57	0.62	827.5	0.00	0.00	x	x	N/A - not corrected

TOTAL VOLATILE ORGANIC COMPOUNDS EMISSIONS CHART



Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

COMBUSTION GASES SUMMARY

Test	Sampling Time and Date	Concentration mg/m ³	LOD mg/m ³	ELV mg/m ³	Emission Rate g/hr
Oxides of Nitrogen	09:23 - 10:23 3rd November 2020	827	1.11	650	-
Carbon Monoxide	09:23 - 10:23 3rd November 2020	1004	2.98	1500	-

Test	Sampling Time and Date	Concentration %	LOD %
Oxygen	09:23 - 10:23 3rd November 2020	6.24	0.01

Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

PRE-SAMPLING CALIBRATION DATA

Date	3rd November 2020
Start Time	08:55
End Time	09:14

Chiller Temperature (°C)	2.8
Requirement	< 4°C
Compliant	Yes

Gas	Range (ppm / %)	Zero Reading at analyser	Span Reading at analyser	Zero Check at analyser	Zero Check down line	Span Check down line	Response Time (Secs)	Leak Rate %
Nitric Oxide	500	0.00	395.0	0.00	0.30	396.0	27	-0.25
Carbon Monoxide	2000	0.00	1528.0	0.00	1.00	1524.0	27	0.26
Oxygen	25	0.00	10.02	0.00	0.01	10.03	27	-0.10

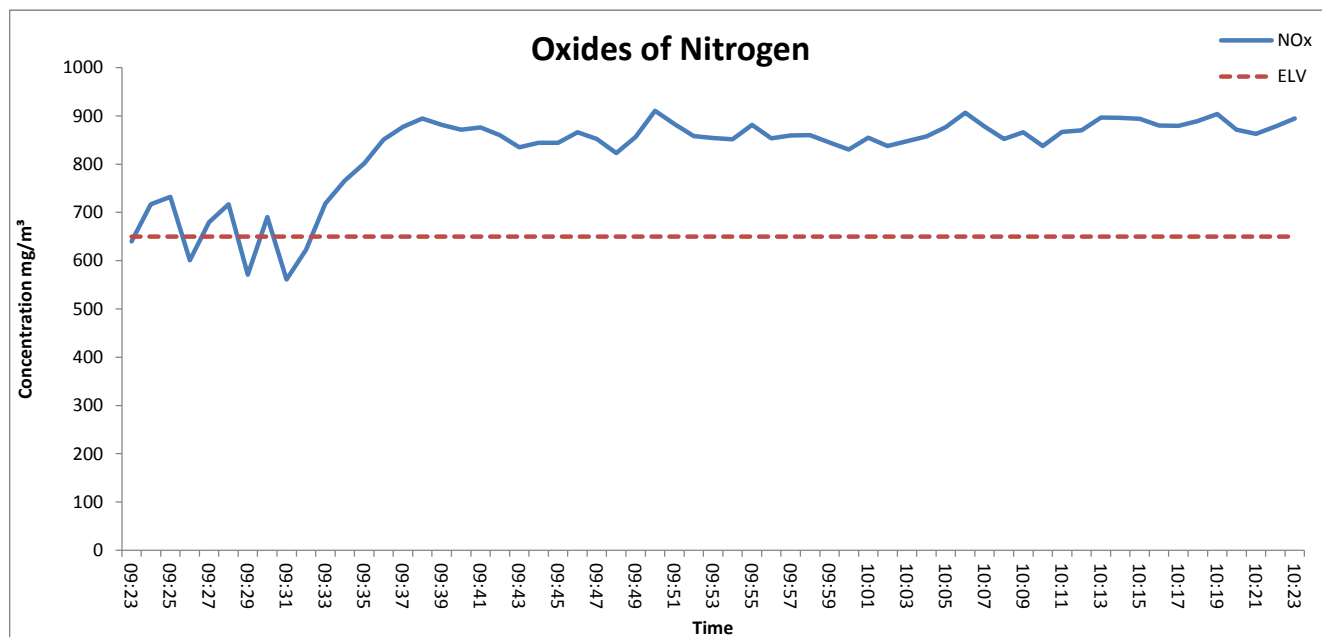
POST-SAMPLING CALIBRATION DATA

Date	3rd November 2020
Start Time	10:26
End Time	10:40

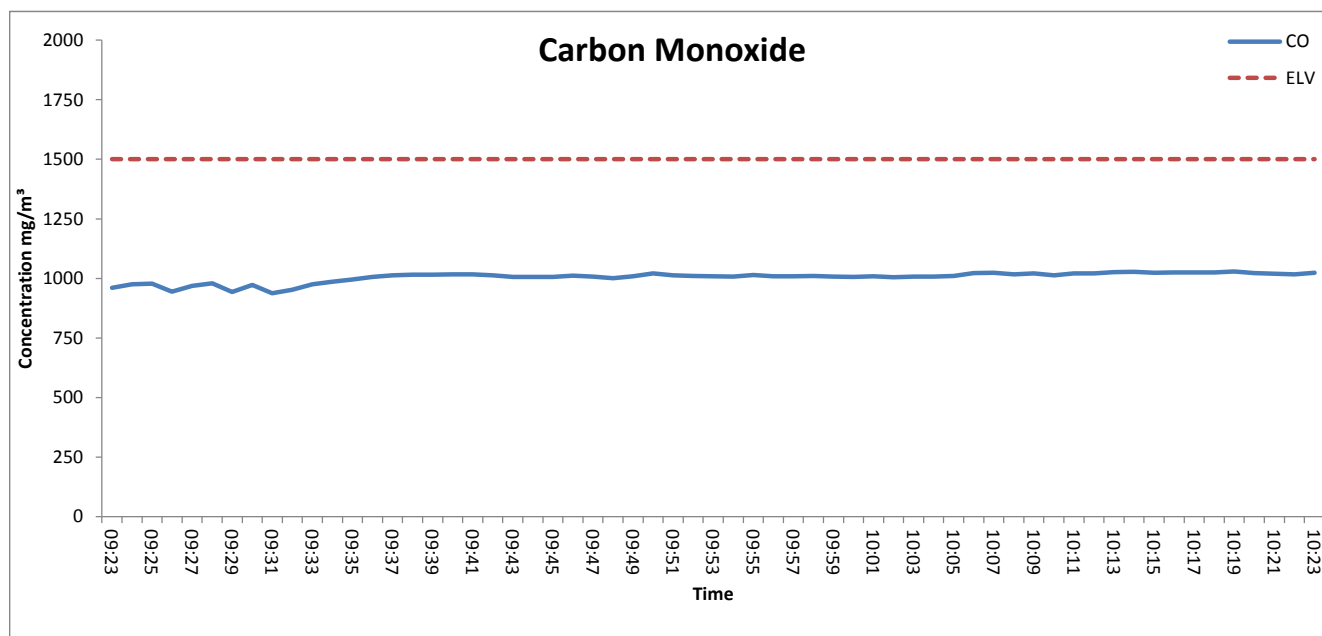
Chiller Temperature (°C)	2.5
Requirement	< 4°C
Compliant	Yes

Gas	Zero Check at Analyser	Span Check at Analyser	Zero Drift (%)	Span Drift (%)	Corrected for Zero Drift	Corrected for Span Drift	Corrected Values ppm / %
Nitric Oxide	0.40	393.0	0.10	-0.61	x	x	N/A - not corrected
Carbon Monoxide	2.00	1522.0	0.13	-0.52	x	x	N/A - not corrected
Oxygen	-0.01	10.01	-0.10	0.00	x	x	N/A - not corrected

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts
OXIDES OF NITROGEN (as NO₂) EMISSIONS CHART

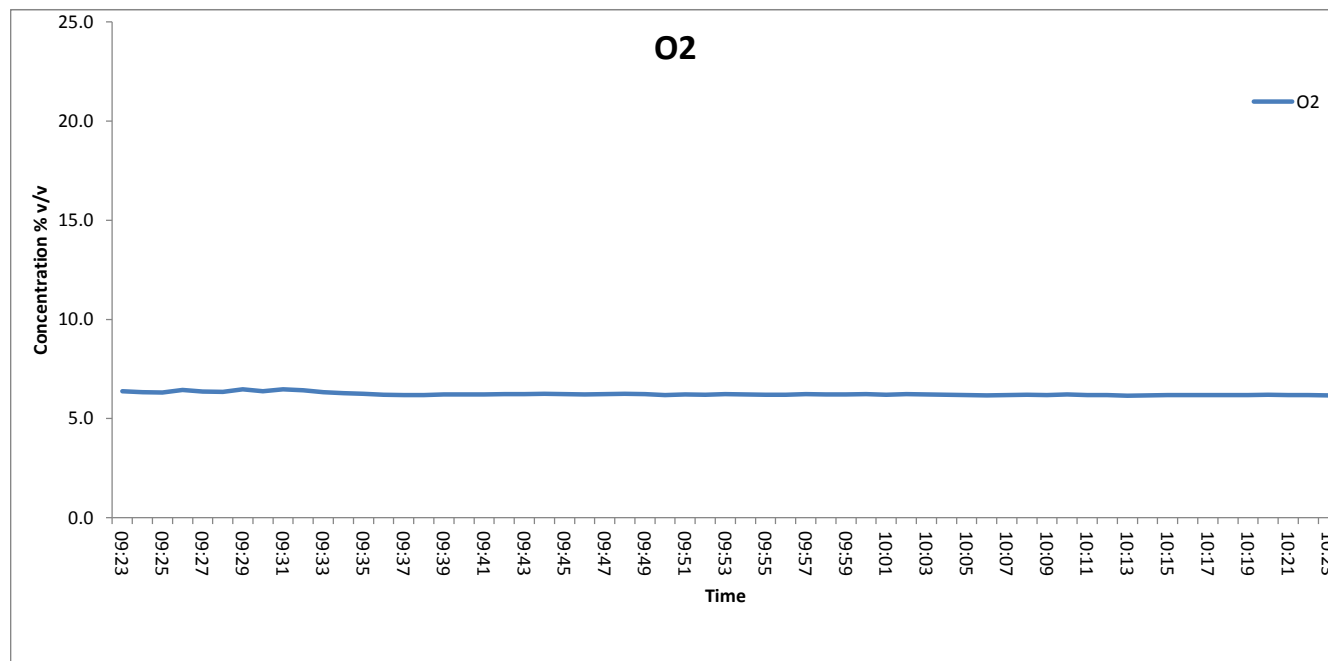


CARBON MONOXIDE EMISSIONS CHART



APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

OXYGEN EMISSIONS CHART



APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

MOISTURE CALCULATIONS

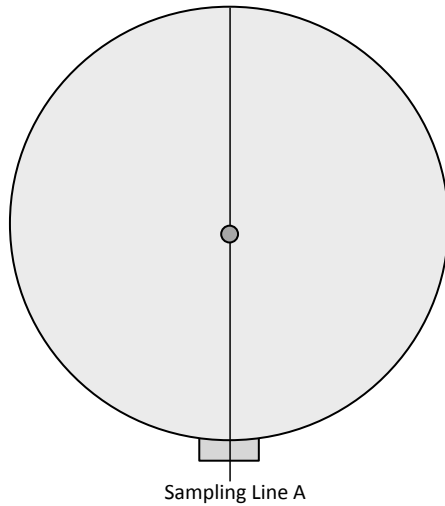
Moisture Determination - Non Isokinetic							
Test Number	Sampling Time and Date	Start Weight	End Weight	Total gain	Concentration	LOD	Uncertainty
		kg	kg	kg	%	%	%
Run 1	09:23 - 10:23 3rd November 2020	3.4610	3.4660	0.0050	4.9	0.10	5.8

Moisture Quality Assurance							
Test Number	Sampling Duration	Total Volume Sampled	Sampling Rate	Start Leak Rate	End Leak Rate	Acceptable Leak Rate	Leak Tests Acceptable?
	mins	l	l/min	l/min	l/min	l/min	
Run 1	60	120	2.0	0.04	0.06	0.04	No

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

STACK DIAGRAM

	Value	Units
Stack Depth	0.30	m
Stack Width	-	m
Area	0.07	m ²



- Isokinetic sampling point
- Isokinetic sampling points not used
- Non Isokinetic/Gases sampling point

Non-Isokinetic/Gases Sampling			
Sampling Point	Distance (% of Depth)	Distance into Stack	Units
A	50	0.15	m

[illegible]

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - MOISTURE

Run	Sampled Volume m ³	Sampled Gas Temp K	Sampled Gas Pressure kPa	Sampled Gas Humidity % by volume	Oxygen Content % by volume	Leak %
MU required	≤ 2%	≤ 2%	≤ 1%	≤ 1%	≤ 10%	≤ 2%
Run 1	0.00004	2.0	0.50	1.0	0.10	-
as a %	0.03	0.24	0.49	1.0	1.6	2.0
compliant?	Yes	Yes	Yes	Yes	Yes	Yes

Run	Volume (STP) m ³	Mass Gained mg	O2 Correction -	Leak mg/m ³	Uncollected Mass mg	Combined uncertainty
Run 1	0.0	5000	1.1	481	58	-
MU as % v/v	0.06	0.10	0.02	0.06	0.06	0.15
MU as %	1.1	2.00	0.68	1.15	1.15	-

R1 - Uncertainty expressed at a 95% confidence level (where k = 2)	0.30	% v/v	5.8	%

Reference – SOCOTEC Technical Procedure AE150 Estimation of Uncertainty of Measurement

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - VOLATILE ORGANIC COMPOUNDS RUN 1

Measured Concentration	1127.9	mg/m ³
Limit	1750	mg/m ³
Calibration Gas Concentration	1320	mg/m ³
Range	1600	mg/m ³

Performance characteristics	Value	Units	specification	MU Met?
Response time	27	seconds	<180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.25	% full scale	<1 % range	Yes
Repeatability at span level	0.15	% full scale	<2 % range	Yes
Deviation from linearity	0.70	% of value	<2 % range	Yes
Zero drift	0.00	% full scale	<2% range / 24hr	Yes
Span drift	0.00	% full scale	<2% range / 24hr	Yes
volume or pressure flow dependence	0.02	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	0.80	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence	0.01	% full scale/10K	<3% range / 10 K	Yes
dependence on voltage	0.10	% full scale/10V	< 0.1%vol /10 volt	Yes
losses in the line (leak)	0.27	% of value	< 2% of span gas value	Yes
Uncertainty of calibration gas	1.0	% of value	< 2% of value	Yes

Performance characteristic	Uncertainty	Value of uncertainty quantity
Standard deviation of repeatability at zero	ur0	0.02
Standard deviation of repeatability at span level	urs	0.02
Lack of fit	ufit	6.47
Drift	u0dr	0.00
volume or pressure flow dependence	uspres	0.01
atmospheric pressure dependence	uapres	0.39
ambient temperature dependence	utemp	0.00
Dependence on voltage	uvolt	1.4
losses in the line (leak)	uleak	1.7
Uncertainty of calibration gas	ucalib	6.5
Uncertainty in factor	uf	10

Measurement uncertainty Measured Concentration	1128	mg/m ³
Combined uncertainty	13	mg/m ³
Expanded uncertainty	26	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	1.5	% ELV
Expanded uncertainty expressed with a level of confidence of 95%	26	mg/m ³
Expanded uncertainty expressed with a level of confidence of 95%	2.3	% value

Reference – SOCOTEC Technical Procedure AE150 Estimation of Uncertainty of Measurement

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - OXIDES OF NITROGEN

Limit value	650	mg/m ³
Concentration @ Ref conditions	826.8	mg/m ³
Cal gas conc	810	mg/m ³
Analyser Full Scale	1025	mg/m ³

	Value	Units	specification	MU Met?
Response time	27	seconds	180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.11	% full scale	<1 % range	Yes
Repeatability at span level	0.1	% full scale	<2 % range	Yes
Deviation from linearity	-0.40	% of value	<2 % range	Yes
Zero drift	0.10	% full scale	<2% range / 24hr	Yes
Span drift	-0.61	% full scale	<2% range/24hr	Yes
volume or pressure flow dependence	0.50	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	0.50	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence zero / span	0.50	% full scale/10K	<3% range / 10 K	Yes
Combined interference	6.00	% range	<4% of Range	No
dependence on voltage	0.28	% full scale/10V	< 0.1%vol /10 volt	Yes
Influence of Vibration	N/A	% of upper limit of Cal range	<2%	-
losses in the line (leak)	0.28	% of value	< 2% of value	Yes

Performance characteristic	Uncertainty	Value of uncertainty quantity
repeatability	$U_r = S_r$	0.004
lack of fit	U_{lof}	-0.23
short term zero drift	$U_{d,z}$	0.06
short term span drift	$U_{d,s}$	-0.35
influence of Ambient Temp at Zero	$U_{t,z}$	0.1000
influence of Ambient Temp at Span	$U_{t,s}$	1.80
influence of sample gas pressure	U_p	0.000
influence of sample gas flow	U_{fit}	0.35
influence of supply voltage	U_v	1.64
Combined Interference	U_i	0.004
Uncertainty of Cal gas	U_{adj}	3.95

Measurement uncertainty (Concentration Measured)	827	mg/m ³
Combined uncertainty	4.7	mg/m ³
Expanded at a 95% confidence interval	9.2	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	1.4	% ELV

Expanded uncertainty expressed with a level of confidence of 95%	9.2	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	1.1	% value

Developed for the STA by R Robinson, NPL

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - CARBON MONOXIDE

Limit value	1500	mg/m ³
Concentration @ Ref conditions	1004.4	mg/m ³
Cal gas conc	1910.0	mg/m ³
Analyser Full Scale	2500	mg/m ³

Performance characteristics	Value	Units	specification	MU Met?
Response time	27	seconds	180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.10	% full scale	<1 % range	Yes
Repeatability at span level	0.20	% full scale	<2 % range	Yes
Deviation from linearity	0.61	% of value	<2 % range	Yes
Zero drift	0.13	% full scale	<2% range / 24hr	Yes
Span drift	-0.52	% full scale	<2% range/24hr	Yes
volume or pressure flow dependence	2.00	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	4.4	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence zero / span	10.00	% full scale/10K	<3% range / 10 K	No
Combined interference	0.03	% of Range	<4% of Range	Yes
dependence on voltage	-0.64	% full scale/10V	< 0.1%vol /10 volt	Yes
Influence of Vibration	N/A	% of upper limit of Cal range	<2%	N/A
losses in the line (leak)	0.00	% of value	< 2% of value	Yes
Uncertainty of calibration gas	1.00	% of value	< 2% of value	Yes

N/A - Horiba's are not effected by Vibration

Performance characteristic	Uncertainty	Value of uncertainty quantity
repeatability	$U_r = S_r$	0.003
lack of fit	U_{lof}	0.12
short term zero drift	$U_{d,z}$	0.35
short term span drift	$U_{d,s}$	0.08
influence of Ambient Temp zero	$U_{t,z}$	4.00
influence of Ambient Temp span	$U_{t,s}$	0.72
influence of sample gas pressure	U_p	0.00
influence of sample gas flow	U_{fit}	1.39
influence of supply voltage	U_v	-9.19
Combined Interference	U_i	9.04
Uncertainty of Cal gas	U_{adj}	7.6

Measurement uncertainty (Concentration Measured)	927	mg/m ³
Combined uncertainty	15.6	mg/m ³
Expanded uncertainty	31	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	2.0	% ELV
Expanded uncertainty expressed with a level of confidence of 95%	31	mg/m ³
Expanded uncertainty expressed with a level of confidence of 95%	3.3	% value

Developed for the STA by R Robinson, NPL

Reference – SOCOTEC Technical Procedure AE150 Estimation of Uncertainty of Measurement

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - OXYGEN

Reference	5	%vol
Reported Concentration	6.24	%vol
Calibration gas	10.02	%vol
Analyser Full Scale	25	%vol

	Value	Units	specification	MU Met?
Response time	27	seconds	180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.25	% full scale	<1 % range	Yes
Repeatability at span level	0.15	% full scale	<2 % range	Yes
Deviation from linearity	0.13	% of value	<2 % range	Yes
Zero drift	-0.10	% full scale	<2% range / 24hr	Yes
Span drift	0.00	% full scale	<2% range/24hr	Yes
volume or pressure flow dependence	0.03	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	0.05	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence	-0.08	% full scale/10K	<3% range / 10 K	Yes
Combined interference	0.14	% range	<4% of Range	Yes
dependence on voltage	0.00	% full scale/10V	< 0.1%vol /10 volt	Yes
losses in the line (leak)	0.14	% of value	< 2% of value	Yes
Uncertainty of calibration gas	0.1	% of value	< 2% of value	Yes

Performance characteristic	Uncertainty	Value of uncertainty quantity
repeatability	$U_r = S_r$	0.008
lack of fit	U_{lof}	0.08
short term zero drift	$U_{d,z}$	-0.06
short term span drift	$U_{d,s}$	0.00
influence of Ambient Temp at Zero	$U_{t,z}$	-0.0003
influence of Ambient Temp at Span	$U_{t,s}$	0.0018
influence of sample gas pressure	U_p	0.000
influence of sample gas flow	U_{fit}	0.02
influence of supply voltage	U_v	0.0001
Combined Interference	U_i	0.048
Uncertainty of Cal gas	U_{adj}	0.05

Measurement uncertainty (Concentration Measured)	6.24	% vol
Combined uncertainty	0.12	% vol
Expanded uncertainty	0.23	% vol

Expanded uncertainty expressed with a level of confidence of 95%	0.23	% vol
Expanded uncertainty expressed with a level of confidence of 95%	3.7	%

Developed for the STA by R Robinson, NPL

APPENDIX 3 - Measurement Uncertainty Budget Calculations

END OF REPORT

Thank you for choosing SOCOTEC for your environmental monitoring needs. We hope our services have met your requirements and that you are fully satisfied with your experience of working with us, we really do value your custom and would welcome your feedback. We would appreciate it if you could take a moment to complete a short online questionnaire so that we can improve our operations and address any areas that have not met with your expectations, by clicking on the following

https://www.surveymonkey.co.uk/r/CAE_customer_feedback_weblink

STACK EMISSIONS MONITORING REPORT



Unit 5 Crown Industrial Estate
Kenwood Road
Stockport
SK5 6PH
Tel: 0161 443 0980
Fax: 0161 443 0989

Your contact at SOCOTEC LTD

Loretta Drogomirecki
Technologist - MCERTS Level 2
Tel: +44 (0)7890 637433
Email: Loretta.Drogomirecki@socotec.com

Operator & Address:

Infinis Energy Services Ltd
Chirk Landfill Site
2 Penybont
Pentre
Wrexham
Clwyd
LL14 5AR

Permit Reference:

EPR Permit: PP3032LN

Release Point:

Engine 2

Sampling Date(s):

22nd September 2020

SOCOTEC Job Number:	LNO 15924
Report Date:	20th October 2020
Version:	1
Report By:	Alan Lloyd
MCERTS Number:	MM 02 022
MCERTS Level:	MCERTS Level 2 - Team Leader
Technical Endorsements:	1, 2, 3 & 4
Report Approved By:	Loretta Drogomirecki
MCERTS Number:	MM 15 1345
Business Title:	MCERTS Level 2 - Team Leader
Technical Endorsements:	1, 2, 3 & 4
Signature:	



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APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

APPENDIX 3 - Measurement Uncertainty Budget Calculations

EXECUTIVE SUMMARY

MONITORING OBJECTIVES

Infinis Energy Services Ltd operates a engine fuelled with landfill gas process at Chirk Landfill Site which is subject to EPR Permit PP3032LN, under the Environmental Permitting Regulations 2010.

SOCOTEC LTD were commissioned by Infinis Energy Services Ltd to carry out stack emissions monitoring to determine the release of prescribed pollutants from the following Plant under normal operating conditions.

The results of these tests shall be used to demonstrate compliance with a set of emission limit values for prescribed pollutants as specified in the Plant's EPR Permit, PP3032LN.

Plant

Engine 2

Operator

Infinis Energy Services Ltd
Chirk Landfill Site
2 Penybont
Pentre
Wrexham
Clwyd
LL14 5AR

EPR Permit: PP3032LN

Stack Emissions Monitoring Test House

SOCOTEC - Stockport Laboratory
Unit 5 Crown Industrial Estate
Kenwood Road
Stockport
SK5 6PH
UKAS and MCERTS Accreditation Number: 1015

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
MCERTS accredited results will only be claimed where both the sampling and analytical stages are UKAS accredited.
This test report shall not be reproduced, except in full, without written approval of SOCOTEC LTD.

EXECUTIVE SUMMARY

EMISSIONS SUMMARY					
Parameter	Units	Result	Calculated Uncertainty +/-	Emission Limit Value (ELV)	Accreditation
Total Volatile Organic Compounds	mg/m ³	884	16.8	1750	MCERTS
Oxides of Nitrogen (as NO ₂)	mg/m ³	683	10.0	650	MCERTS
Carbon Monoxide	mg/m ³	935	35	1500	MCERTS
Oxygen	% v/v	6.0	0.08	-	MCERTS
Moisture	%	4.9	0.005	-	MCERTS

ND = None Detected,

Results at or below the limit of detection are highlighted by bold italic text.

The above volumetric flow rate is an average of the data collected during the isokinetic tests. Mass emissions for non isokinetic tests are also calculated using these values.

Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

EXECUTIVE SUMMARY

MONITORING TIMES			
Parameter	Sampling Date(s)	Sampling Times	Sampling Duration
Total Volatile Organic Compounds Run 1	22 September 2020	09:59 - 10:59	60 minutes

EXECUTIVE SUMMARY

PROCESS DETAILS

Parameter	Process Details
Description of process	Engine fuelled with landfill gas
Continuous or batch	Continuous
Product Details	Electricity
Part of batch to be monitored (if applicable)	N/A
Normal load, throughput or continuous rating	Maximum 1150 kW, actual 875 kW
Fuel used during monitoring	Landfill gas
Abatement	None
Plume Appearance	None visible

EXECUTIVE SUMMARY

Monitoring Methods

The selection of standard reference / alternative methods employed by SOCOTEC is determined, wherever possible by the hierarchy of method selection outlined in Environment Agency technical Guidance 'Monitoring stack emissions: techniques and standards for periodic monitoring'.

MONITORING METHODS							
Species	Method Standard Reference Method / Alternative Method	SOCOTEC Technical Procedure	UKAS Lab Number	MCERTS Accredited Method	Limit of Detection (LOD)	Calculated MU +/- % Result	Calculated MU +/- % ELV
Total Volatile Organic Compounds	SRM - BS EN 12619:2013	AE 102	1015	MCERTS	0.68 mg/m ³	1.9%	0.9%
Oxides of Nitrogen	SRM - BS EN 14792:2017	AE 102	1015	MCERTS	1.1 mg/m ³	1.5%	1.54%
Carbon Monoxide	SRM - BS EN 15058:2017	AE 102	1015	MCERTS	2.99 mg/m ³	3.7%	2.1%
Oxygen	AM - BS EN 14789:2017	AE 102	1015	MCERTS	0.01%	1.3%	N/A - No ELV
Moisture	SRM - BS EN 14790	AE 105	1015	MCERTS	0.1%	0.1%	N/A - No ELV

EXECUTIVE SUMMARY

Analytical Methods

The following tables list the analytical methods employed together with the custody details. Unless otherwise stated the samples are archived at the analysis lab location.

SAMPLING METHODS WITH SUBSEQUENT ANALYSIS							
Species	Analytical Technique	Analytical Procedure	UKAS Lab Number	UKAS Accredited Lab Analysis	Analysis Lab	Analysis Report number	Archive Period

ON-SITE TESTING							
Species	Analytical Technique	Analytical Procedure	UKAS Lab Number	MCERTS Accredited Analysis	Laboratory	Data Archive Location	Archive Period
Total Volatile Organic Compounds	Flame Ionisation Detection	AE 102	1015	MCERTS	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Oxides of Nitrogen	Chemiluminescence	AE 102	1015	MCERTS	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Carbon Monoxide	Non Dispersive Infra Red	AE 102	1015	MCERTS	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Oxygen	Zirconia Cell	AE 102	1015	MCERTS	SOCOTEC (Stockport)	SOCOTEC (Stockport)	5 years
Moisture	Gravimetric	AE 105	1015	MCERTS	SOCOTEC (Stockport)	-	-

EXECUTIVE SUMMARY

SAMPLING LOCATION					
Sampling Plane Validation Criteria	Value	Units	Requirement	Compliant	Method
Lowest Differential Pressure	-	Pa	≥ 5 Pa	-	BS EN 15259
Lowest Gas Velocity	-	m/s	-	-	-
Highest Gas Velocity	-	m/s	-	-	-
Ratio of Gas Velocities	-	: 1	$< 3 : 1$	-	BS EN 15259
Mean Velocity	-	m/s	-	-	-
Maximum angle of flow with regard to duct axis	-	°	$< 15^\circ$	-	BS EN 15259
No local negative flow	-	-	-	-	BS EN 15259

DUCT CHARACTERISTICS		
	Value	Units
Shape	Circular	-
Depth	0.30	m
Width	-	m
Area	0.07	m ²
Port Depth	10	mm

SAMPLING LINES & POINTS		
	Isokinetic	Non-Iso & Gases
Sample port size	-	1/4" port
Number of lines used	-	1
Number of points / line	-	1
Duct orientation	-	Vertical
Filtration	-	Out of Stack

SAMPLING PLATFORM	
General Platform Information	
Permanent / Temporary Platform / Ground level / Floor Level / Roof	Ground Level
Inside / Outside	Inside

M1 Platform requirements	
Is there a sufficient working area so work can be performed in a compliant manner	Yes
Platform has 2 levels of handrails (approximately 0.5 m & 1.0 m high)	N/A
Platform has vertical base boards (approximately 0.25 m high)	N/A
Platform has removable chains / self closing gates at the top of ladders	N/A
Handrail / obstructions do not hamper insertion of sampling equipment	Yes
Depth of Platform = $\geq$ Stack depth / diameter + wall and port thickness + 1.5m	Yes

Sampling Platform Improvement Recommendations (if applicable)

The sampling location meets all the requirements as specified in EA Guidance Note M1.

EXECUTIVE SUMMARY

Sampling & Analytical Method Deviations

Unheated Probe

The sampling hole is of a relatively small diameter and as such it is not large enough for Socotec to use a heated probe during the sampling of water vapour. However it should be noted that the stack temperature is 508C and the entire sampling train was weighed during the gravimetric determination.

APPENDICES

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APPENDIX 1 - Monitoring Schedule, Calibration Checklist & Monitoring Team

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

APPENDIX 3 - Measurement Uncertainty Budget Calculations

APPENDIX 1 - Monitoring Schedule, Calibration Checklist & Monitoring Team

MONITORING SCHEDULE					
Species	Method Standard Reference Method / Alternative Method	SOCOTEC Technical Procedure	UKAS Lab Number	MCERTS Accredited Method	Number of Samples
Total Volatile Organic Compounds	SRM - BS EN 12619:2013	AE 102	1015	MCERTS	1
Oxides of Nitrogen	SRM - BS EN 14792:2017	AE 102	1015	MCERTS	1
Carbon Monoxide	SRM - BS EN 15058:2017	AE 102	1015	MCERTS	1
Oxygen	AM - BS EN 14789:2017	AE 102	1015	MCERTS	1
Moisture	SRM - BS EN 14790	AE 105	1015	MCERTS	1

APPENDIX 1 - Monitoring Schedule, Calibration Checklist & Monitoring Team

CALIBRATEABLE EQUIPMENT CHECKLIST					
Extractive Sampling		Instrumental Analyser/s		Miscellaneous	
Equipment	Equipment I.D.	Equipment	Equipment I.D.	Equipment	Equipment I.D.
Control Box DGM	-	Horiba PG-250 Analyser	LNO 21-44	Laboratory Balance	-
Box Thermocouples	-	FT-IR Gasmeter	-	Tape Measure	LNO 24-AH
Meter In Thermocouple	-	FT-IR Oven Box	-	Stopwatch	-
Meter Out Thermocouple	-	Bernath 3006 FID	-	Protractor	-
Control Box Timer	-	Signal 3030 FID	-	Barometer	LNO 08-AH
Oven Box	-	Servomex	-	Digital Micromanometer	LNO 01-AH
Probe	-	JCT Heated Head Filter	-	Digital Temperature Meter	LNO 03-AH
Probe Thermocouple	-	Thermo FID	LNO 21-01	Stack Thermocouple	LNO 10-AH
Probe	-	Stackmaster	-	Mass Flow Controller	LNO 29-93
Probe Thermocouple	-	FTIR Heater Box for Heated Line	-	MFC Display module	LNO 29-93
S-Pitot	-	Anemometer	-	1m Heated Line (1)	-
L-Pitot	-	Ecophysics NOx Analyser	-	1m Heated Line (2)	-
Site Balance	LNO 14-AH	Chiller (JCT/MAK 10)	LNO 21-39	1m Heated Line (3)	-
Last Impinger Arm	-	Heated Line Controller (1)	LNO 03-94	5m Heated Line (1)	-
Dioxins Cond. Thermocouple	-	Heated Line Controller (2)	-	10m Heated Line (1)	-
Callipers	-	Site temperature Logger	-	10m Heated Line (2)	-
Small DGM	-			15m Heated Line (1)	-
Heater Controller	-			20m Heated Line (1)	LNO 18-63
Inclinometer (Swirl Device)	-			20m Heated Line (2)	-

NOTE: If the equipment I.D. is represented by a dash (-), then this piece of equipment has not been used for this test.

CALIBRATION GASES					
Gas (traceable to ISO 17025)	Cylinder I.D Number	Supplier	ppm	%	Analytical Tolerance +/- %
Oxygen	HPC 2112	BOC	-	10.12	2.0
Propane	245433	BOC	825	-	2.0
Nitric Oxide	245433	BOC	395	-	2.0
Carbon Monoxide	245433	BOC	1528	-	2.0

STACK EMISSIONS MONITORING TEAM

MONITORING TEAM								
Personnel	MCERTS Number	MCERTS		TE / H&S Qualifications and Expiry Date				
		Level	Expiry	TE1	TE2	TE3	TE4	H&S
Andy Hegarty	MM 03 397	MCERTS Level 2	Dec-20	Oct-24	Dec-20	Aug-21	Dec-24	Jan-24
Luke Moseley	MM 19 1531	MCERTS Level 1	Apr-24	-	-	-	-	Apr-24

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

TOTAL VOLATILE ORGANIC COMPOUNDS SUMMARY

Test	Sampling Times	Concentration mg/m ³	LOD mg/m ³	ELV mg/m ³	Emission Rate g/hr
Run 1	09:59 - 10:59 22 September 2020	884	0.40	1750	-

Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

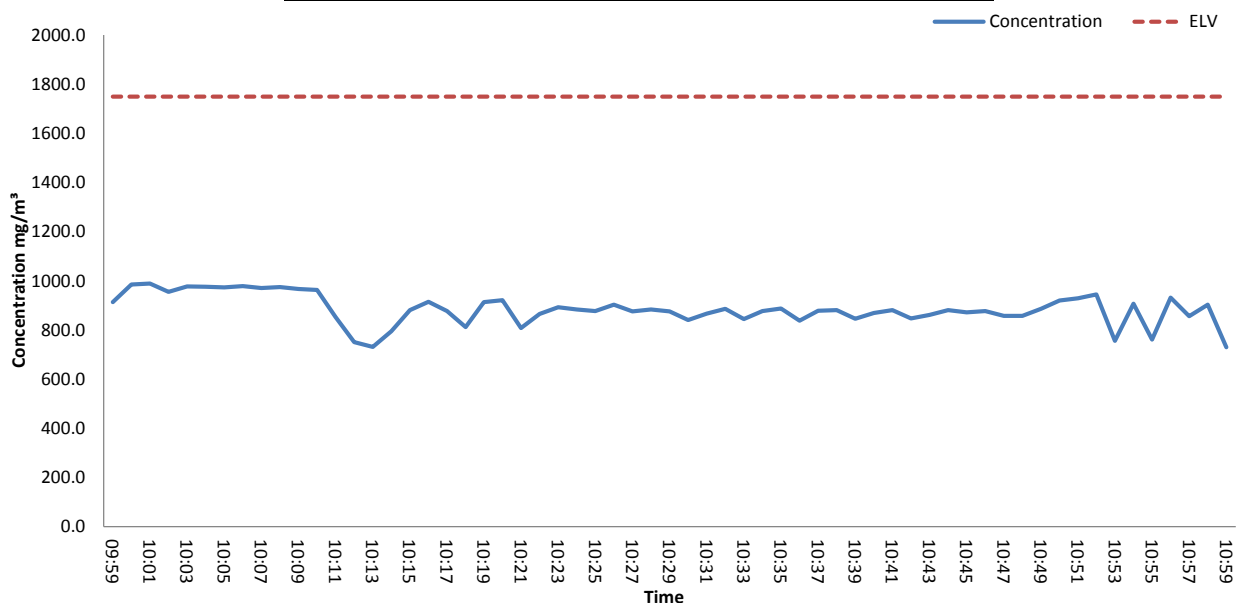
INSTRUMENTAL SPAN & ZERO CHECKS

PRE-SAMPLING CALIBRATION CHECKS								
Date	22 September 2020							
Start Time	09:24							
End Time	09:41							
Gas	Gas Conc (ppm)	Range	Instrument Zero Reading	Instrument Span Reading	Instrument Zero Reading	Zero Down line reading	Span down line reading	Leak Rate (%)
Propane	825.0	1000	0.00	825.0	0.00	0.31	823.0	0.24

Zero and Span gas contained 0% Oxygen

POST-SAMPLING CALIBRATION CHECKS								
Date	22 September 2020							
Start Time	11:28							
End Time	11:39							
Gas	Mean Raw Value ppm	Zero down line reading	Span down line reading	Zero Drift (%)	Span Drift (%)	Corrected for Zero Drift	Corrected for Span Drift	Corrected Values ppm / %
Propane	522.93	1.30	827.0	0.12	0.36	x	x	N/A - not corrected

TOTAL VOLATILE ORGANIC COMPOUNDS EMISSIONS CHART



Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

COMBUSTION GASES SUMMARY

Test	Sampling Time and Date	Concentration mg/m ³	LOD mg/m ³	ELV mg/m ³	Emission Rate g/hr
Oxides of Nitrogen	09:59 - 10:59 22 September 2020	683	1.1	650	-
Carbon Monoxide	09:59 - 10:59 22 September 2020	935	3.0	1500	-

Test	Sampling Time and Date	Concentration %	LOD %
Oxygen	09:59 - 10:59 22 September 2020	6.3	0.01

Reference conditions are 273K, 101.3kPa, dry gas 5% Oxygen.

PRE-SAMPLING CALIBRATION DATA

Date	22 September 2020
Start Time	09:24
End Time	09:41

Chiller Temperature (°C)	2.2
Requirement	< 4°C
Compliant	Yes

Gas	Range (ppm / %)	Zero Reading at analyser	Span Reading at analyser	Zero Check at analyser	Zero Check down line	Span Check down line	Response Time (Secs)	Leak Rate %
Nitric Oxide	500	0.00	395.0	0.20	0.40	393.0	26	0.51
Carbon Monoxide	2000	0.00	1528.0	1.00	3.00	1526.0	26	0.13
Oxygen	25	0.00	10.12	-0.01	0.02	10.08	26	0.40

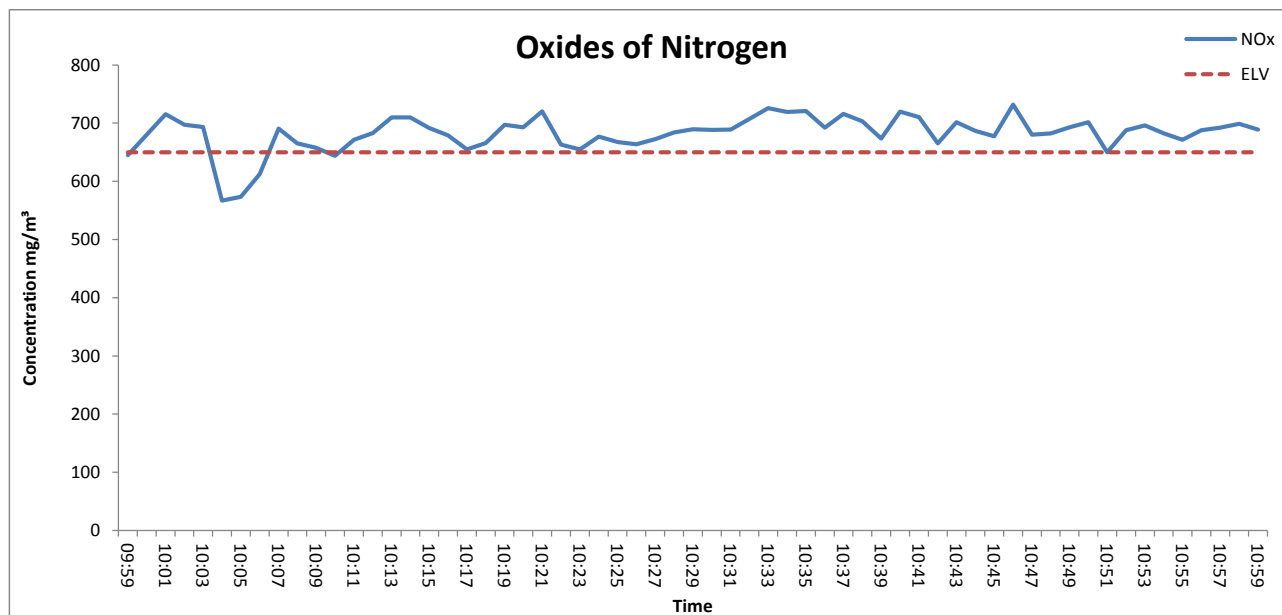
POST-SAMPLING CALIBRATION DATA

Date	22 September 2020
Start Time	11:28
End Time	11:39

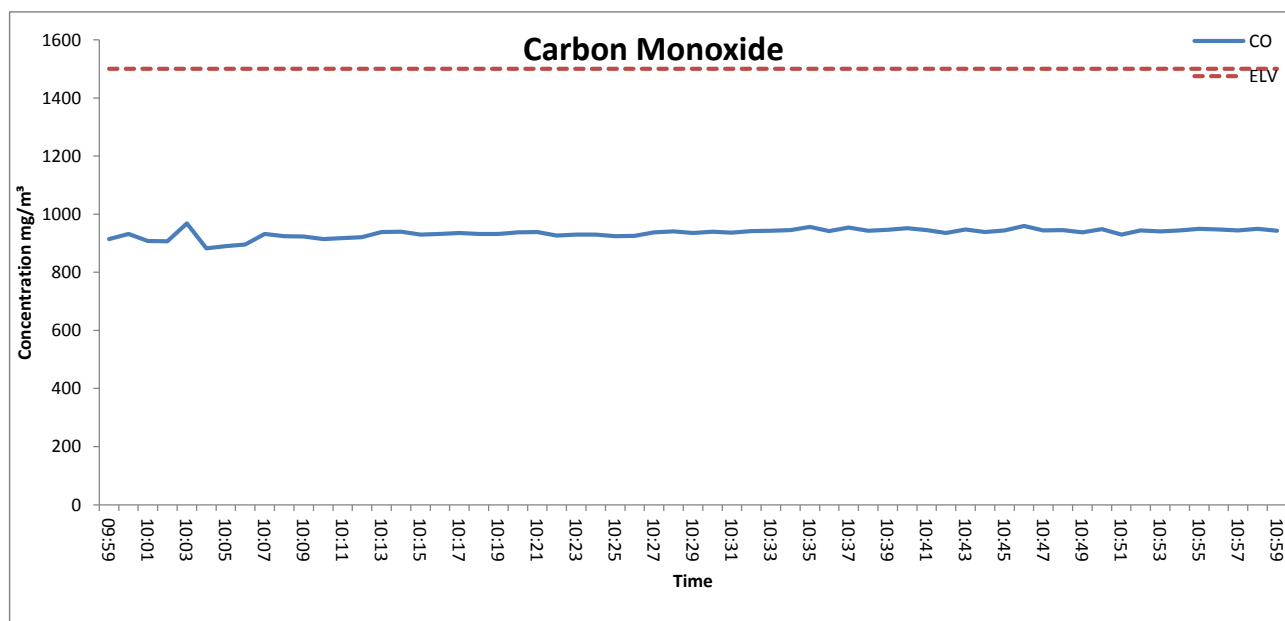
Chiller Temperature (°C)	2.4
Requirement	< 4°C
Compliant	Yes

Gas	Zero Check at Analyser	Span Check at Analyser	Zero Drift (%)	Span Drift (%)	Corrected for Zero Drift	Corrected for Span Drift	Corrected Values ppm / %
Nitric Oxide	0.70	396.0	0.13	0.13	x	x	N/A - not corrected
Carbon Monoxide	4.00	1521.0	0.20	-0.65	x	x	N/A - not corrected
Oxygen	0.02	10.04	0.30	-1.09	x	x	N/A - not corrected

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts
OXIDES OF NITROGEN (as NO₂) EMISSIONS CHART

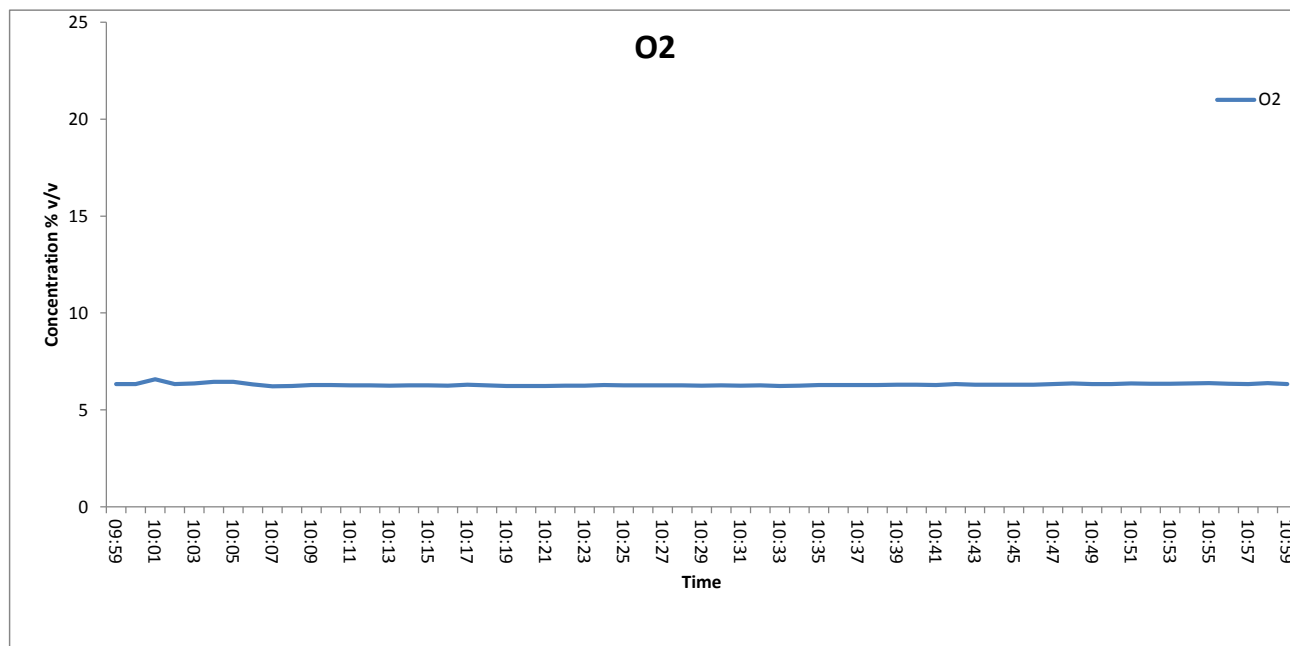


CARBON MONOXIDE EMISSIONS CHART



APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

OXYGEN EMISSIONS CHART



APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

MOISTURE CALCULATIONS

Moisture Determination - Non Isokinetic							
Test Number	Sampling Time and Date	Start Weight	End Weight	Total gain	Concentration	LOD	Uncertainty
		kg	kg	kg	%	%	%
Run 1	09:59 - 10:59 22nd September 2020	3.4360	3.4410	0.0050	4.9	0.10	0.1

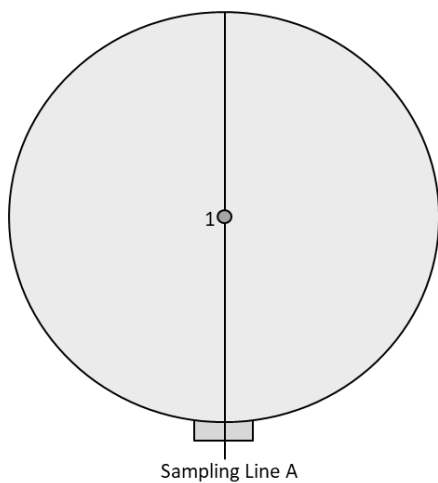
Moisture Quality Assurance							
Test Number	Sampling Duration	Total Volume Sampled	Sampling Rate	Start Leak Rate	End Leak Rate	Acceptable Leak Rate	Leak Tests Acceptable?
	mins	l	l/min	l/min	l/min	l/min	
Run 1	60	120	2.0	0.02	0.02	0.04	Yes

APPENDIX 2 - Summaries, Calculations, Raw Data and Charts

STACK DIAGRAM

	Value	Units
Stack Depth	0.30	m
Stack Width	-	m
Area	0.07	m ²

Non-Isokinetic/Gases Sampling			
Sampling Point	Distance (% of Depth)	Distance into Stack	Units
A	50	0.15	m



- Isokinetic sampling point
- Isokinetic sampling points not used
- Non Isokinetic/Gases sampling point

[illegible]

SAMPLING LOCATION



APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - VOLATILE ORGANIC COMPOUNDS RUN 1

Measured Concentration	884.0	mg/m ³
Limit	1750	mg/m ³
Calibration Gas Concentration	1320	mg/m ³
Range	1600	mg/m ³

Performance characteristics	Value	Units	specification	MU Met?
Response time	26	seconds	<180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.25	% full scale	<1 % range	Yes
Repeatability at span level	0.15	% full scale	<2 % range	Yes
Deviation from linearity	0.70	% of value	<2 % range	Yes
Zero drift	0.12	% full scale	<2% range / 24hr	Yes
Span drift	0.36	% full scale	<2% range / 24hr	Yes
volume or pressure flow dependence	0.02	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	0.80	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence	0.01	% full scale/10K	<3% range / 10 K	Yes
dependence on voltage	0.10	% full scale/10V	< 0.1%vol /10 volt	Yes
losses in the line (leak)	0.24	% of value	< 2% of span gas value	Yes
Uncertainty of calibration gas	1.0	% of value	< 2% of value	Yes

Performance characteristic	Uncertainty	Value of uncertainty quantity
Standard deviation of repeatability at zero	ur0	0.02
Standard deviation of repeatability at span level	urs	0.02
Lack of fit	ufit	6.5
Drift	u0dr	0.21
volume or pressure flow dependence	uspres	0.01
atmospheric pressure dependence	uapres	0.39
ambient temperature dependence	utemp	0.00001
Dependence on voltage	uvolt	1.4
losses in the line (leak)	uleak	1.2
Uncertainty of calibration gas	ucalib	5.1
Uncertainty in factor	uf	0.05

Measurement uncertainty Measured Concentration	884	mg/m ³
Combined uncertainty	8.5	mg/m ³
Expanded uncertainty	17	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	0.95	% ELV
Expanded uncertainty expressed with a level of confidence of 95%	17	mg/m ³
Expanded uncertainty expressed with a level of confidence of 95%	1.9	% value

Reference – SOCOTEC Technical Procedure AE150 Estimation of Uncertainty of Measurement

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - OXIDES OF NITROGEN

Limit value	650	mg/m ³
Concentration @ Ref conditions	683	mg/m ³
Cal gas conc	810	mg/m ³
Analyser Full Scale	1025	mg/m ³

	Value	Units	specification	MU Met?
Response time	26	seconds	180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.11	% full scale	<1 % range	Yes
Repeatability at span level	0.10	% full scale	<2 % range	Yes
Deviation from linearity	-0.40	% of value	<2 % range	Yes
Zero drift	0.13	% full scale	<2% range / 24hr	Yes
Span drift	0.13	% full scale	<2% range/24hr	Yes
volume or pressure flow dependence	0.50	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	0.50	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence zero / span	0.00	% full scale/10K	<3% range / 10 K	Yes
Combined interference	-2.6	% range	<4% of Range	Yes
dependence on voltage	0.23	% full scale/10V	< 0.1%vol /10 volt	Yes
Influence of Vibration	N/A	% of upper limit of Cal range	<2%	-
losses in the line (leak)	0.23	% of value	< 2% of value	Yes

Performance characteristic	Uncertainty	Value of uncertainty quantity
repeatability	$U_r = S_r$	0.004
lack of fit	U_{lof}	-0.23
short term zero drift	U_{dz}	0.07
short term span drift	U_{ds}	0.07
influence of Ambient Temp at Zero	U_{tz}	0.00
influence of Ambient Temp at Span	U_{ts}	2.9
influence of sample gas pressure	U_p	0.00
influence of sample gas flow	U_{fit}	0.35
influence of supply voltage	U_v	1.3
Combined Interference	U_i	-0.002
Uncertainty of Cal gas	U_{adj}	4.0

Measurement uncertainty (Concentration Measured)	683	mg/m ³
Combined uncertainty	5.1	mg/m ³
Expanded at a 95% confidence interval	10.0	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	1.5	% ELV

Expanded uncertainty expressed with a level of confidence of 95%	10.0	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	1.5	% value

Developed for the STA by R Robinson, NPL

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - CARBON MONOXIDE

Limit value	1500	mg/m ³
Concentration @ Ref conditions	935	mg/m ³
Cal gas conc	1910	mg/m ³
Analyser Full Scale	2500	mg/m ³

Performance characteristics	Value	Units	specification	MU Met?
Response time	26	seconds	180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.10	% full scale	<1 % range	Yes
Repeatability at span level	0.20	% full scale	<2 % range	Yes
Deviation from linearity	0.61	% of value	<2 % range	Yes
Zero drift	0.20	% full scale	<2% range / 24hr	Yes
Span drift	-0.65	% full scale	<2% range/24hr	Yes
volume or pressure flow dependence	2.0	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	4.4	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence zero / span	-8.0	% full scale/10K	<3% range / 10 K	Yes
Combined interference	-0.01	% of Range	<4% of Range	Yes
dependence on voltage	-0.64	% full scale/10V	< 0.1 %vol /10 volt	Yes
Influence of Vibration	N/A	% of upper limit of Cal range	<2%	N/A
losses in the line (leak)	0.001	% of value	< 2% of value	Yes
Uncertainty of calibration gas	1.0	% of value	< 2% of value	Yes

N/A - Horiba's are not effected by Vibration

Performance characteristic	Uncertainty	Value of uncertainty quantity
repeatability	$U_r = S_r$	0.003
lack of fit	U_{lof}	0.12
short term zero drift	$U_{d,z}$	0.35
short term span drift	$U_{d,s}$	0.11
influence of Ambient Temp zero	$U_{t,z}$	-10.4
influence of Ambient Temp span	$U_{t,s}$	1.2
influence of sample gas pressure	U_p	0.00
influence of sample gas flow	U_{fit}	1.4
influence of supply voltage	U_v	-9.2
Combined Interference	U_i	-2.6
Uncertainty of Cal gas	U_{adj}	7.6

Measurement uncertainty (Concentration Measured)	859	mg/m ³
Combined uncertainty	16	mg/m ³
Expanded uncertainty	32	mg/m ³

Expanded uncertainty expressed with a level of confidence of 95%	2.1	% ELV
Expanded uncertainty expressed with a level of confidence of 95%	32	mg/m ³
Expanded uncertainty expressed with a level of confidence of 95%	3.7	% value

Developed for the STA by R Robinson, NPL

Reference – SOCOTEC Technical Procedure AE150 Estimation of Uncertainty of Measurement

APPENDIX 3 - Measurement Uncertainty Budget Calculations

MEASUREMENT UNCERTAINTY BUDGET - OXYGEN

Reference	5.0	%vol
Reported Concentration	6.3	%vol
Calibration gas	10	%vol
Analyser Full Scale	25	%vol

	Value	Units	specification	MU Met?
Response time	26	seconds	180	Yes
Logger sampling interval	60	seconds	-	-
Measurement period	60	minutes	-	-
Number of readings in measurement	60	-	-	-
Repeatability at zero	0.25	% full scale	<1 % range	Yes
Repeatability at span level	0.15	% full scale	<2 % range	Yes
Deviation from linearity	0.13	% of value	<2 % range	Yes
Zero drift	0.30	% full scale	<2% range / 24hr	Yes
Span drift	-1.1	% full scale	<2% range/24hr	Yes
volume or pressure flow dependence	0.03	% of full scale/3 kPa	<2 % / 3 kPa	Yes
atmospheric pressure dependence	0.05	% of full scale/2 kPa	<3% / 2 kPa	Yes
ambient temperature dependence	-0.05	% full scale/10K	<3% range / 10 K	Yes
Combined interference	0.01	% range	<4% of Range	Yes
dependence on voltage	0.0005	% full scale/10V	< 0.1%vol / 10 volt	Yes
losses in the line (leak)	0.01	% of value	< 2% of value	Yes
Uncertainty of calibration gas	0.01	% of value	< 2% of value	Yes

Performance characteristic	Uncertainty	Value of uncertainty quantity
repeatability	$U_r = S_r$	0.01
lack of fit	U_{lof}	0.08
short term zero drift	U_{dz}	0.17
short term span drift	U_{ds}	-0.63
influence of Ambient Temp at Zero	U_{tz}	0.00
influence of Ambient Temp at Span	U_{ts}	0.01
influence of sample gas pressure	U_p	0.00
influence of sample gas flow	U_{fit}	0.02
influence of supply voltage	U_v	0.0001
Combined Interference	U_i	0.002
Uncertainty of Cal gas	U_{adj}	0.05

Measurement uncertainty (Concentration Measured)	6.3	%
Combined uncertainty	0.66	%
Expanded uncertainty	1.3	%

Expanded uncertainty expressed with a level of confidence of 95%	1.3	%

Expanded uncertainty expressed with a level of confidence of 95%	20	% vol

Developed for the STA by R Robinson, NPL

END OF REPORT

Thank you for choosing SOCOTEC for your environmental monitoring needs. We hope our services have met your requirements and that you are fully satisfied with your experience of working with us, we really do value your custom and would welcome your feedback. We would appreciate it if you could take a moment to complete a short online questionnaire so that we can improve our operations and address any areas that have not met with your expectations, by clicking on the following

https://www.surveymonkey.co.uk/r/CAE_customer_feedback_weblink

APPENDIX 3

GROUNDWATER QUALITY & LEVELS DATA

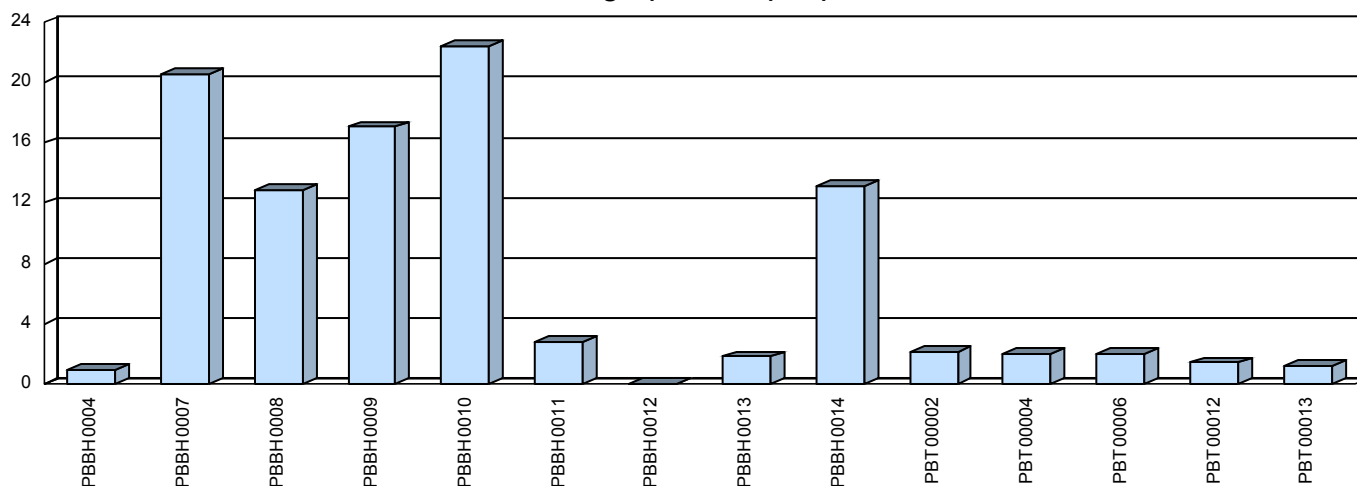
Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBBH0004	PBBH0007	PBBH0008	PBBH0009	PBBH0010	PBBH0011	PBBH0012	PBBH0013	PBBH0014	PBT00002	PBT00004	PBT00006
Dip to Water	0	0	0	0	0	0	0	0	0	0	0	0
TD (m)	0	0	0	0	0	0	0	0	0	0	0	0
Water Level (mAOD)	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0004	5	0	0.47	1.55	0.96	4.82	0.38	0.15	1.55
PBBH0007	5	0	20.09	21.50	20.59	102.96	0.50	0.25	21.50
PBBH0008	5	0	11.68	14.65	12.89	64.45	1.03	1.06	14.65
PBBH0009	5	0	14.93	18.31	17.07	85.33	1.13	1.28	18.31
PBBH0010	5	0	19.99	24.80	22.45	112.27	1.60	2.57	24.80
PBBH0011	5	0	2.27	3.26	2.82	14.12	0.35	0.12	3.26
PBBH0012	5	0	0.00	0.20	0.04	0.20	0.08	0.01	0.20
PBBH0013	5	0	0.70	2.95	1.81	9.03	0.81	0.65	2.95
PBBH0014	5	0	11.88	15.21	13.13	65.64	1.30	1.68	15.21

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBT00012	PBT00013	Total
Dip to Water	0	0	0
TD (m)	0	0	0
Water Level (mAOD)	0	0	0
Total	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBT00002	4	0	1.38	2.70	2.10	8.40	0.48	0.23	2.70
PBT00004	5	0	1.04	2.80	1.98	9.92	0.57	0.32	2.80
PBT00006	5	0	0.95	2.55	2.02	10.09	0.56	0.32	2.55
PBT00012	5	0	0.86	2.15	1.41	7.05	0.50	0.25	2.15
PBT00013	5	0	0.95	1.65	1.24	6.21	0.25	0.06	1.65
Total	69	0	0.00	24.80	7.25	500.49	7.93	62.90	22.22

Data from: 1 Jan 2020 to: 31 Dec 2020

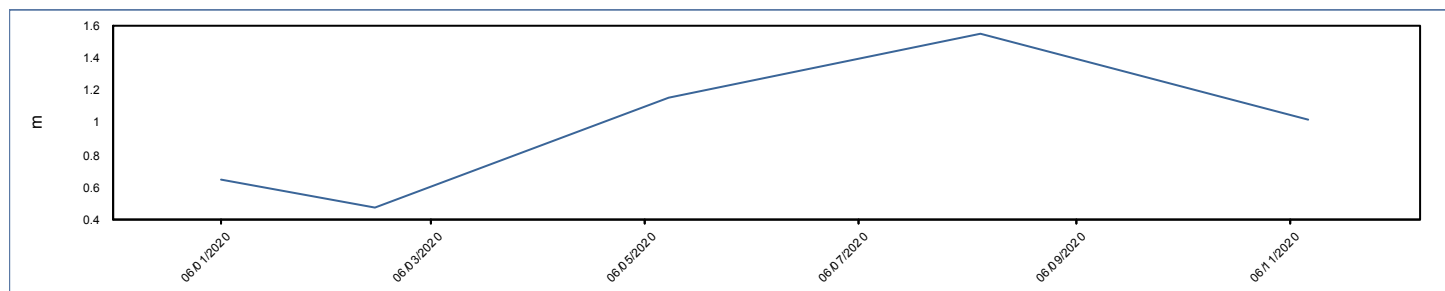
PBBH0004

Number of readings

5

Number of breaches

0



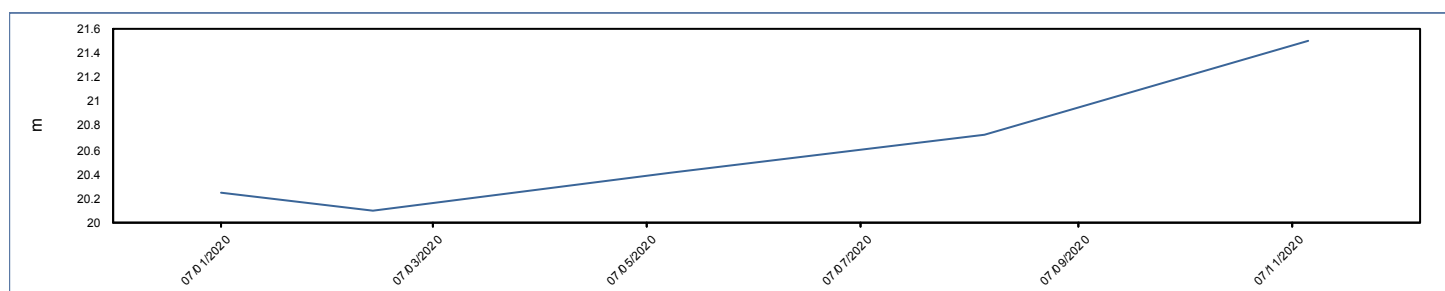
PBBH0007

Number of readings

5

Number of breaches

0



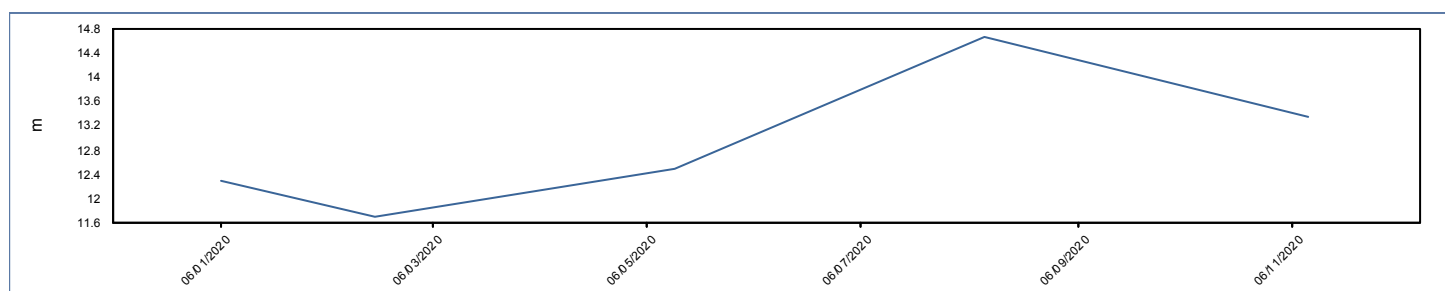
PBBH0008

Number of readings

5

Number of breaches

0



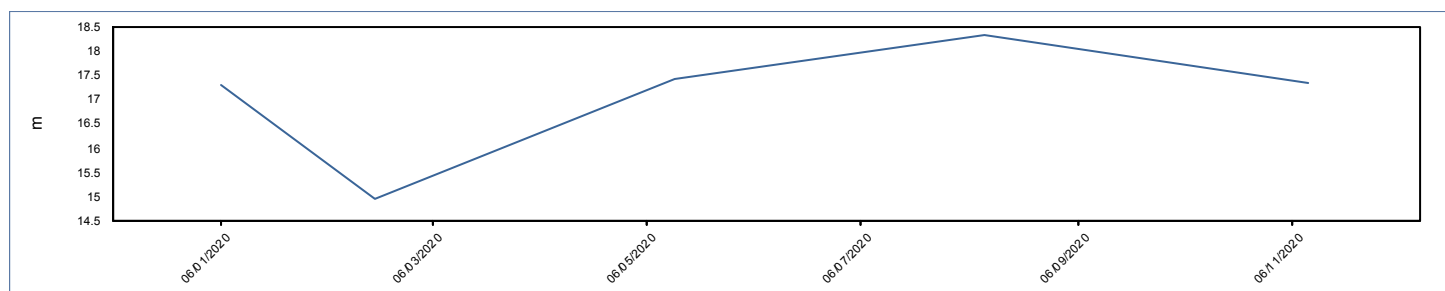
PBBH0009

Number of readings

5

Number of breaches

0



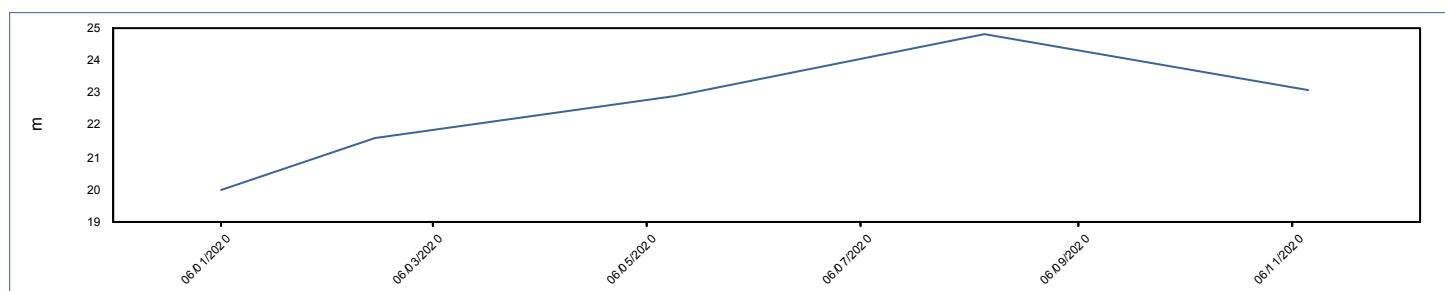
PBBH0010

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

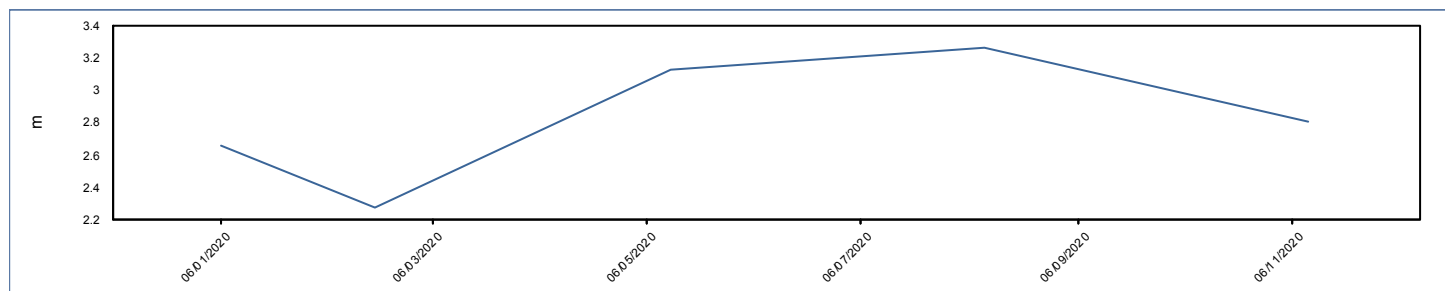
PBBH0011

Number of readings

5

Number of breaches

0



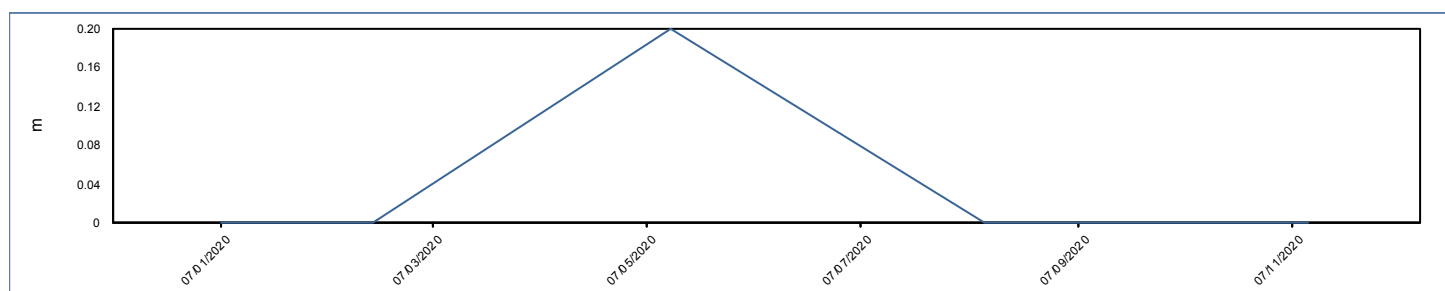
PBBH0012

Number of readings

5

Number of breaches

0



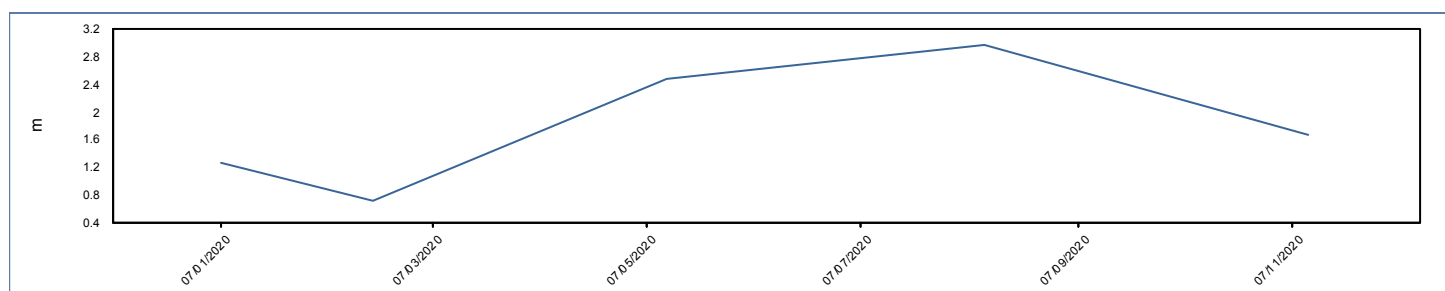
PBBH0013

Number of readings

5

Number of breaches

0



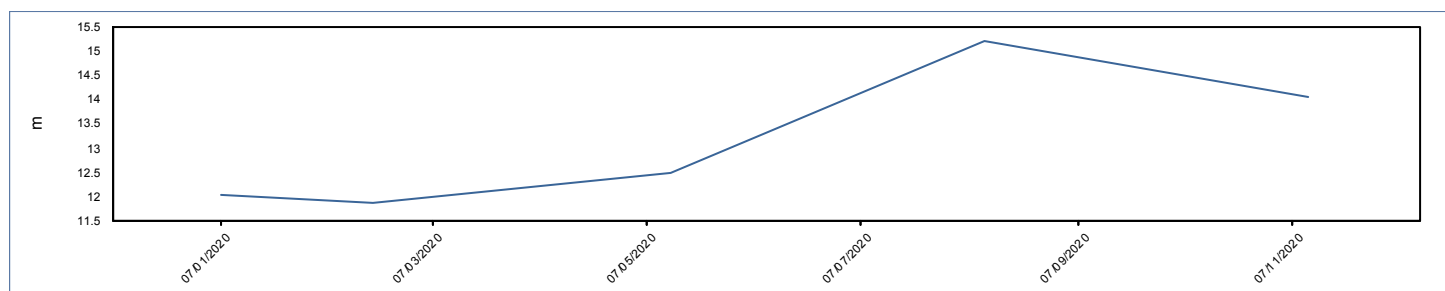
PBBH0014

Number of readings

5

Number of breaches

0



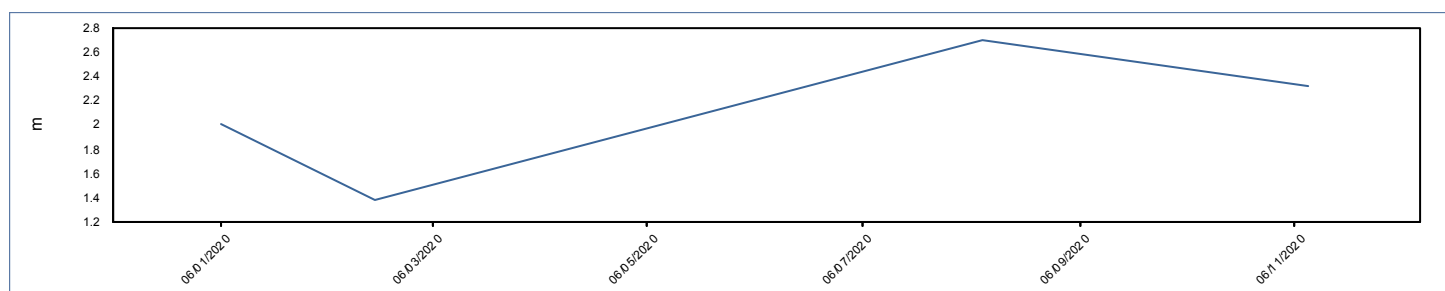
PBT00002

Number of readings

4

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

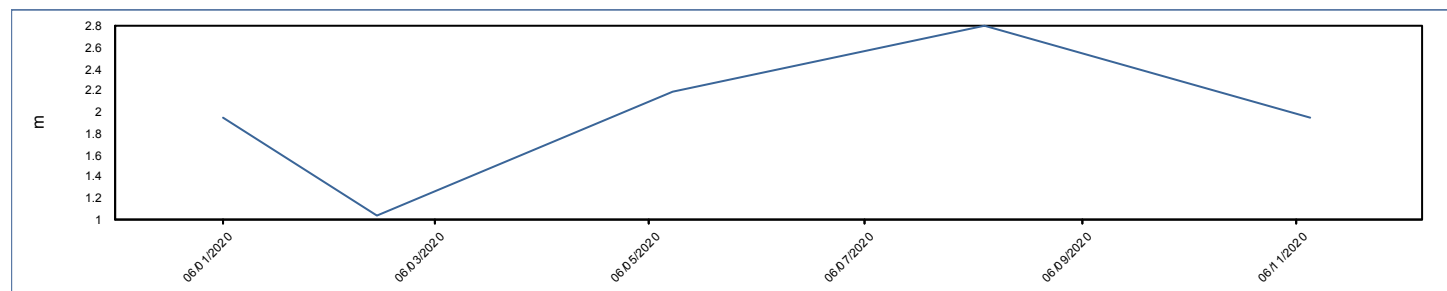
PBT00004

Number of readings

5

Number of breaches

0



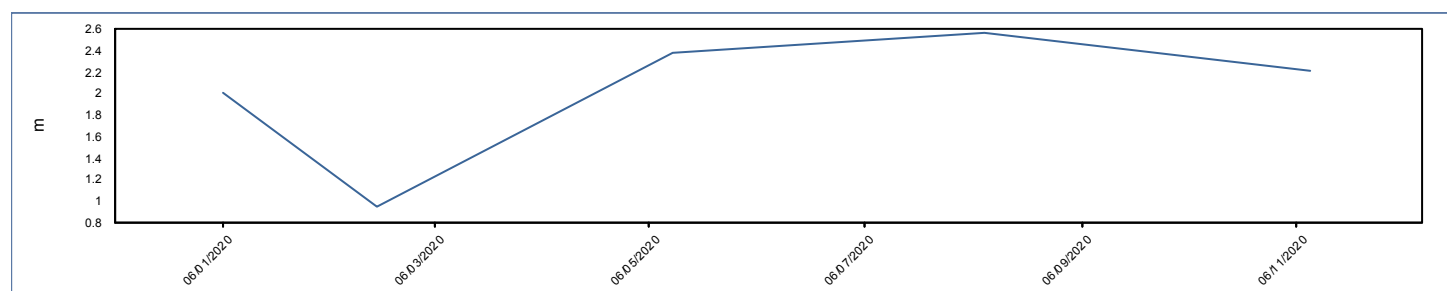
PBT00006

Number of readings

5

Number of breaches

0



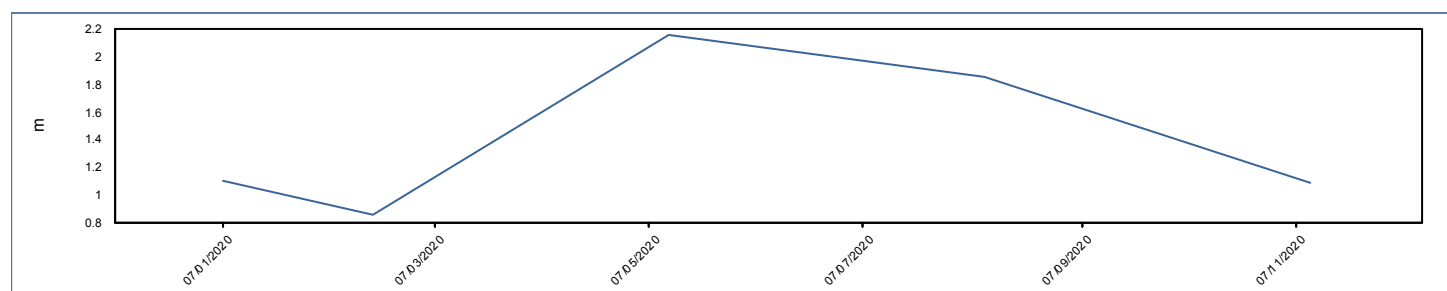
PBT00012

Number of readings

5

Number of breaches

0



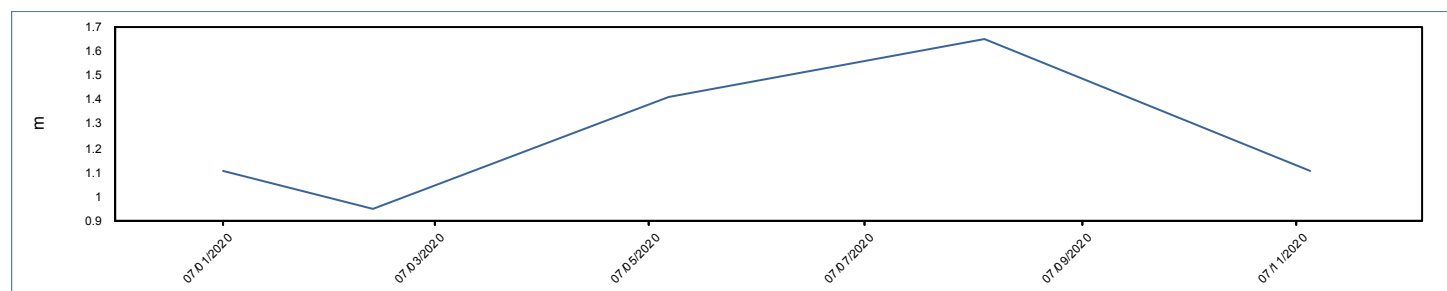
PBT00013

Number of readings

5

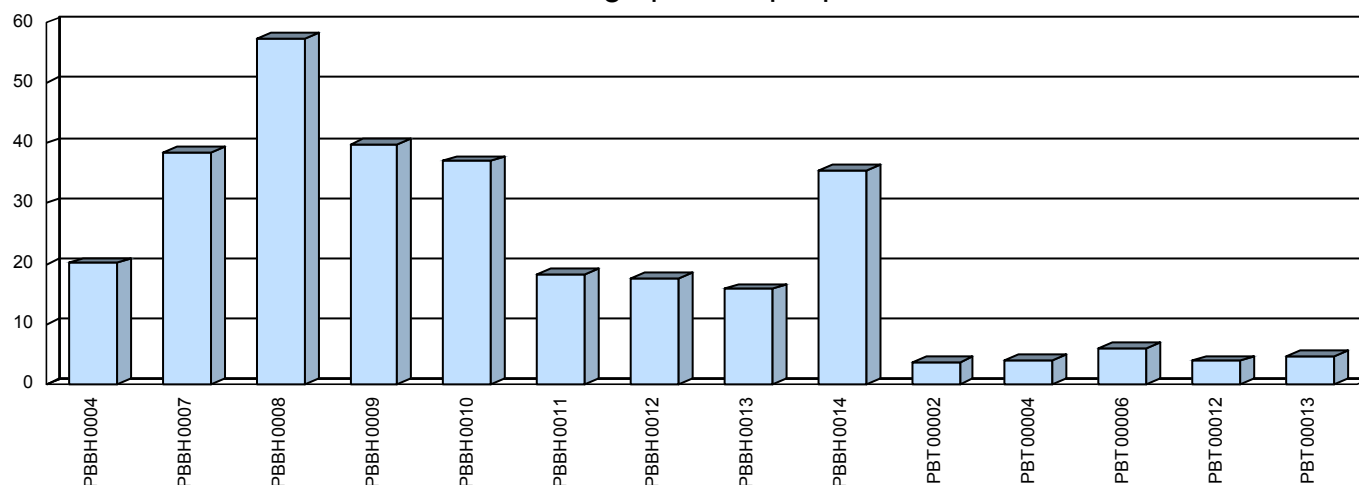
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0004	5	0	20.08	20.10	20.10	100.48	0.01	0.00	20.10
PBBH0007	5	0	38.48	38.50	38.49	192.47	0.01	0.00	38.50
PBBH0008	5	0	57.38	57.40	57.39	286.96	0.01	0.00	57.40
PBBH0009	5	0	39.82	39.90	39.85	199.24	0.03	0.00	39.90
PBBH0010	5	0	36.97	36.99	36.98	184.88	0.01	0.00	36.99
PBBH0011	5	0	18.18	18.22	18.20	90.99	0.01	0.00	18.22
PBBH0012	5	0	17.04	17.89	17.68	88.42	0.32	0.10	17.89
PBBH0013	5	0	15.80	15.85	15.82	79.12	0.02	0.00	15.85
PBBH0014	5	0	35.54	35.56	35.55	177.74	0.01	0.00	35.56
PBT00002	5	0	1.85	4.25	3.71	18.57	0.93	0.87	4.25
PBT00004	5	0	3.96	4.03	4.01	20.05	0.03	0.00	4.03
PBT00006	5	0	5.89	5.95	5.92	29.60	0.02	0.00	5.95
PBT00012	5	0	3.68	3.87	3.82	19.12	0.07	0.01	3.87
PBT00013	5	0	4.73	4.75	4.74	23.70	0.01	0.00	4.75
Total	70	0	1.85	57.40	21.59	1,511.34	16.62	276.38	57.39

Data from: 1 Jan 2020 to: 31 Dec 2020

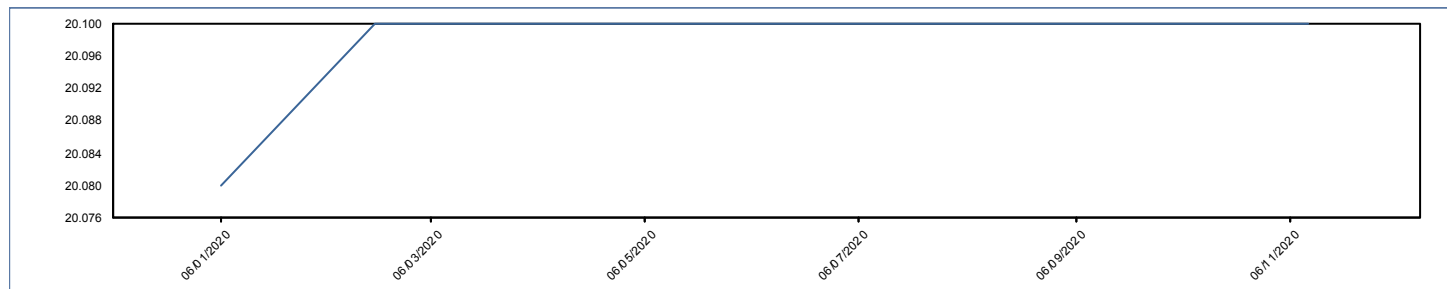
PBBH0004

Number of readings

5

Number of breaches

0



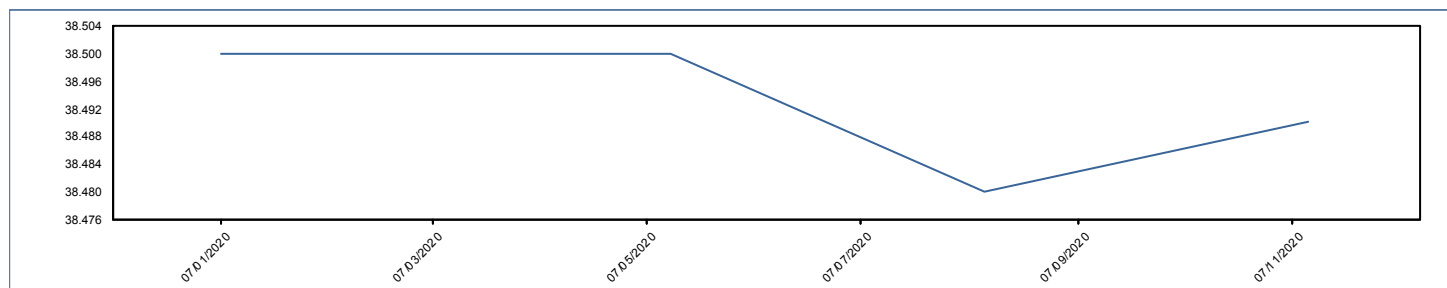
PBBH0007

Number of readings

5

Number of breaches

0



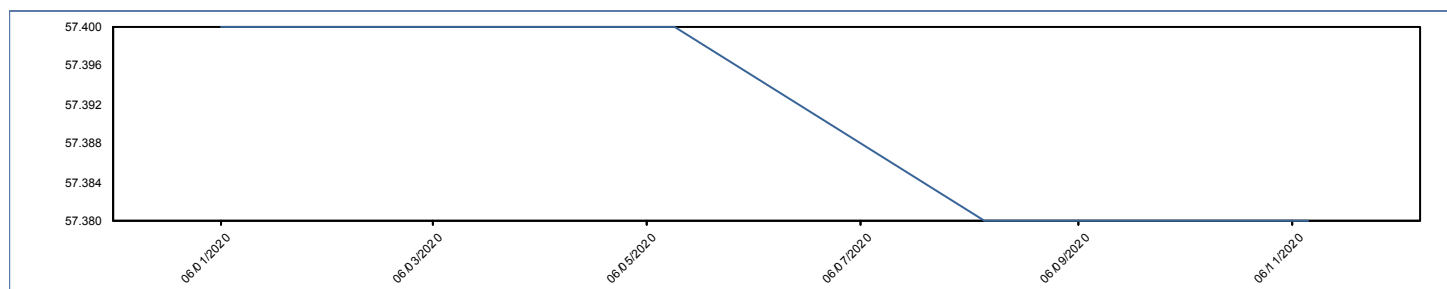
PBBH0008

Number of readings

5

Number of breaches

0



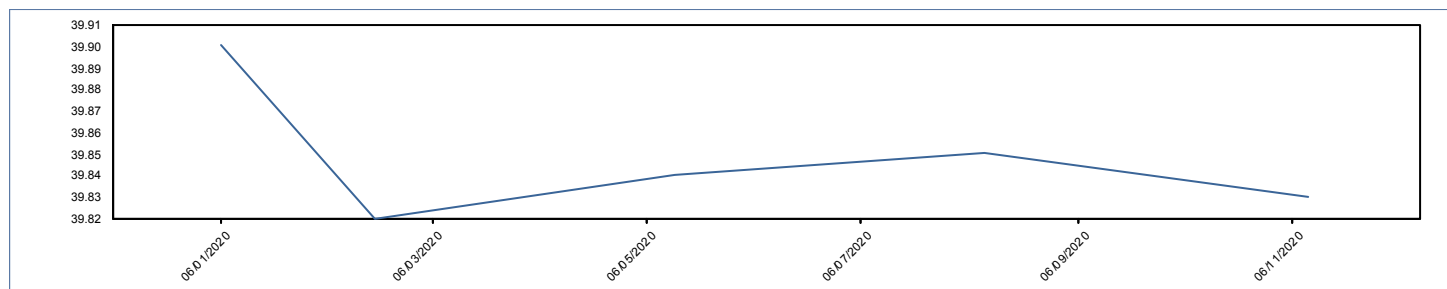
PBBH0009

Number of readings

5

Number of breaches

0



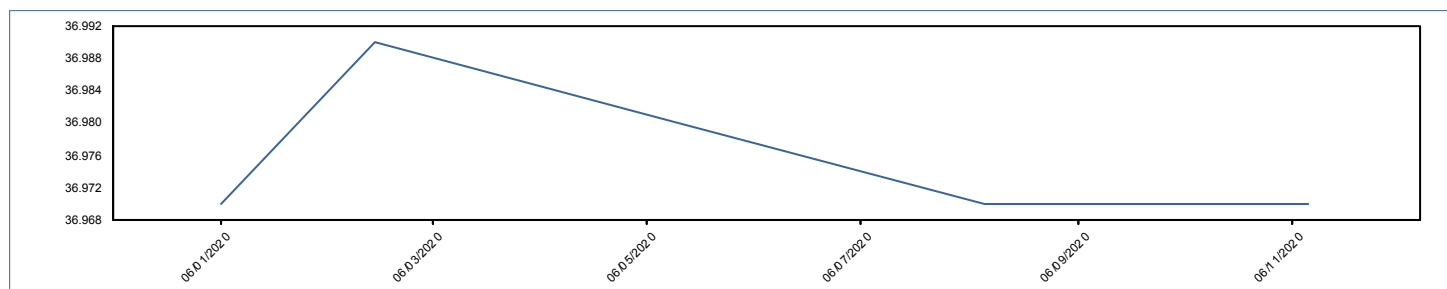
PBBH0010

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

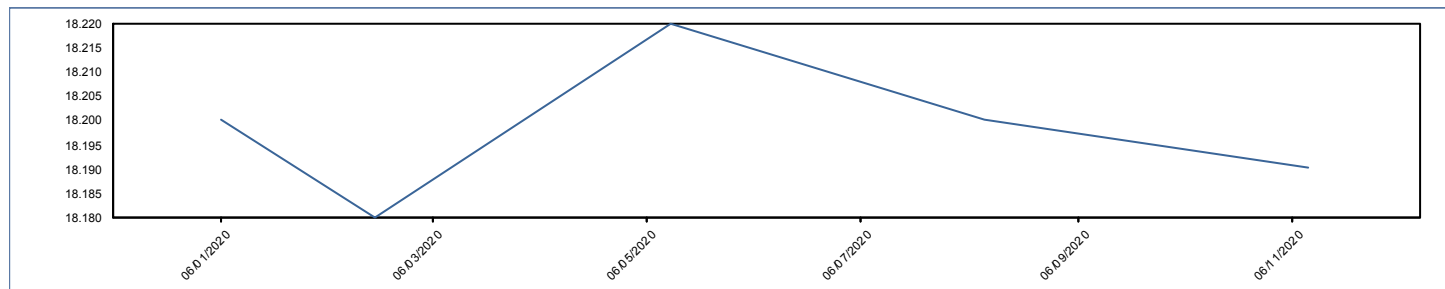
PBBH0011

Number of readings

5

Number of breaches

0



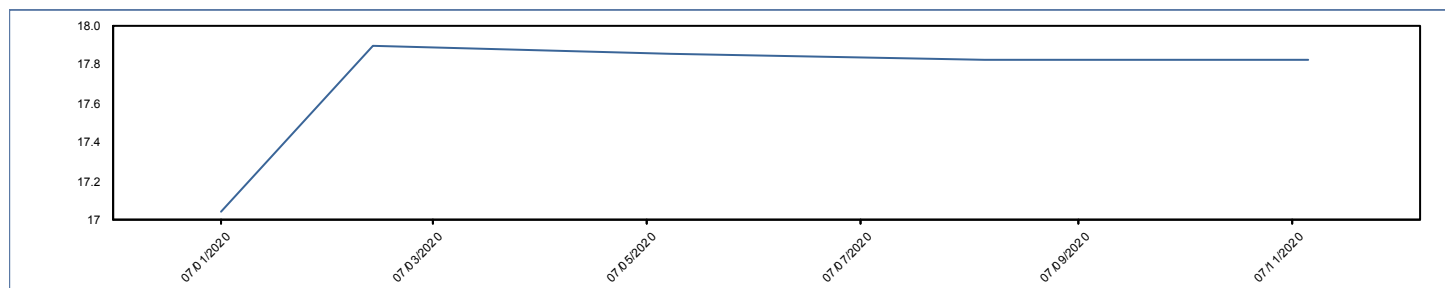
PBBH0012

Number of readings

5

Number of breaches

0



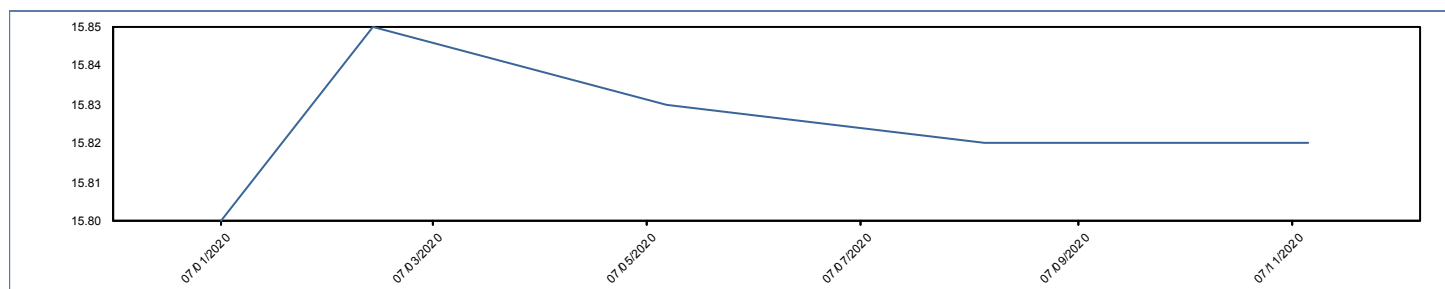
PBBH0013

Number of readings

5

Number of breaches

0



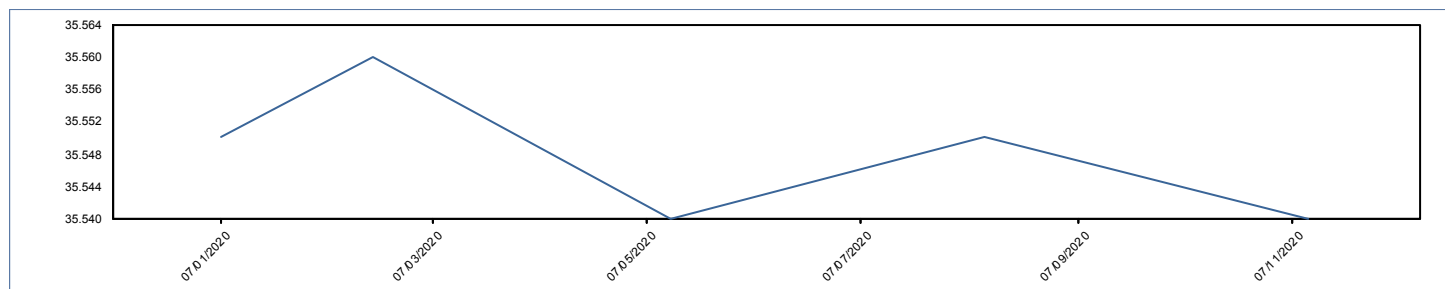
PBBH0014

Number of readings

5

Number of breaches

0



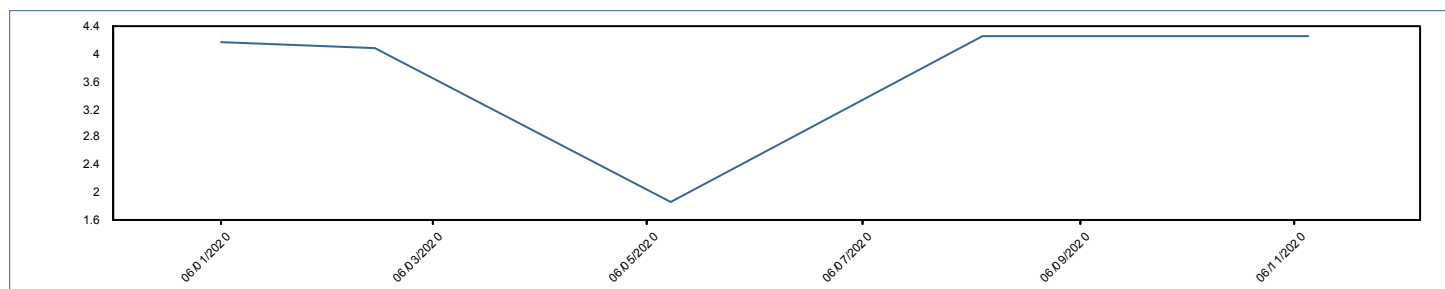
PBT00002

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

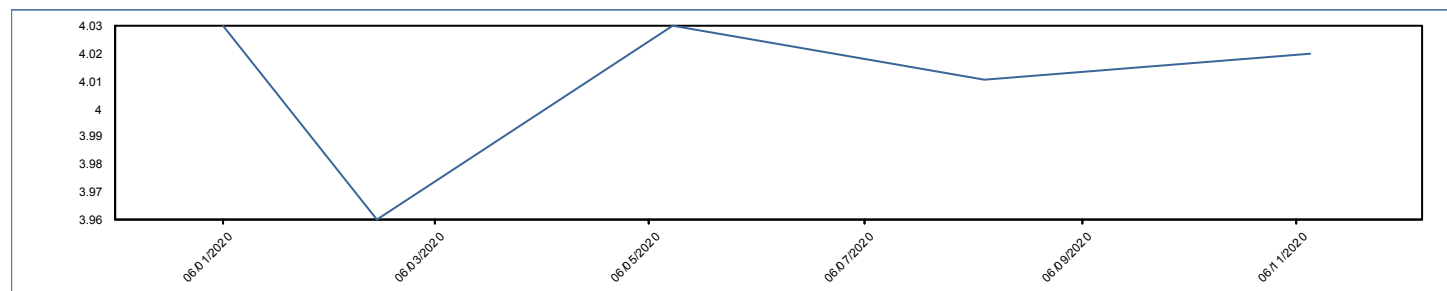
PBT00004

Number of readings

5

Number of breaches

0



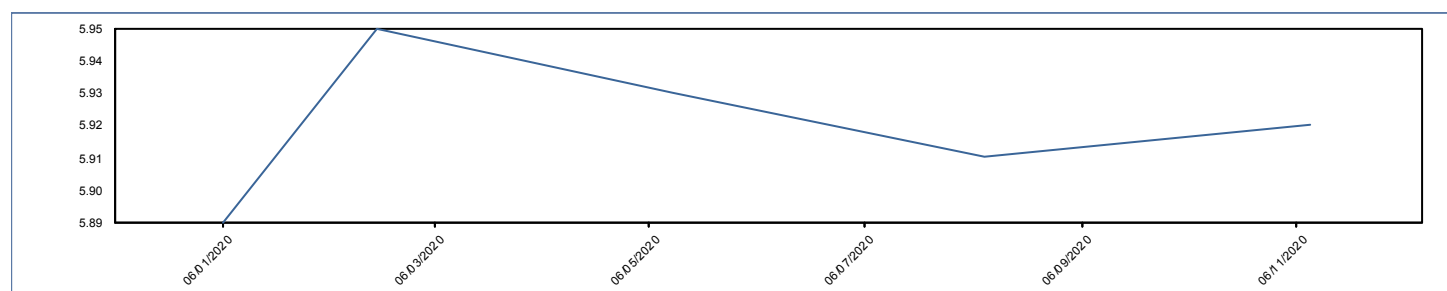
PBT00006

Number of readings

5

Number of breaches

0



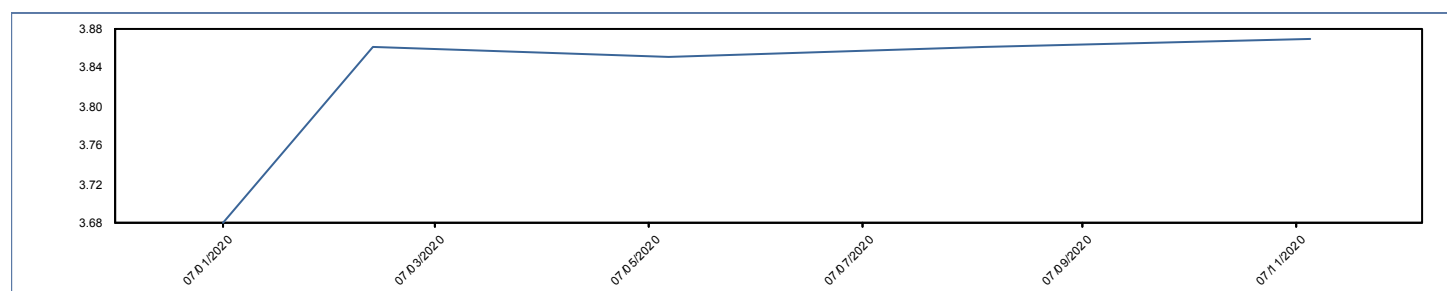
PBT00012

Number of readings

5

Number of breaches

0



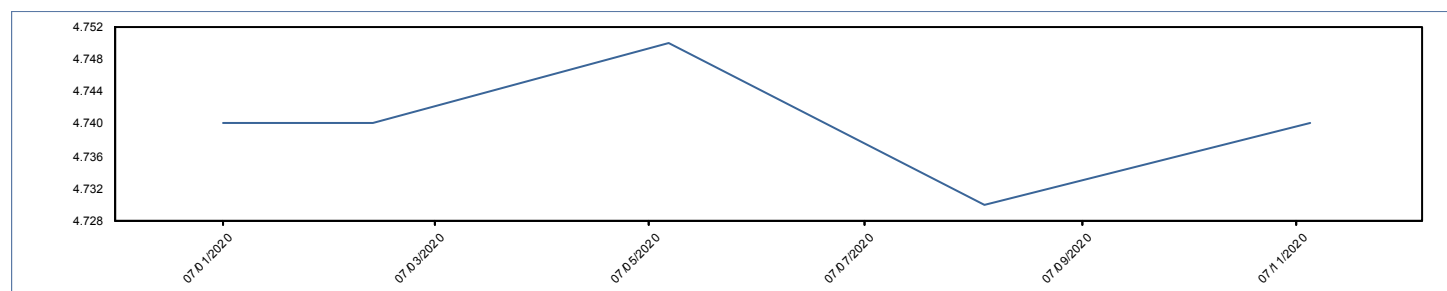
PBT00013

Number of readings

5

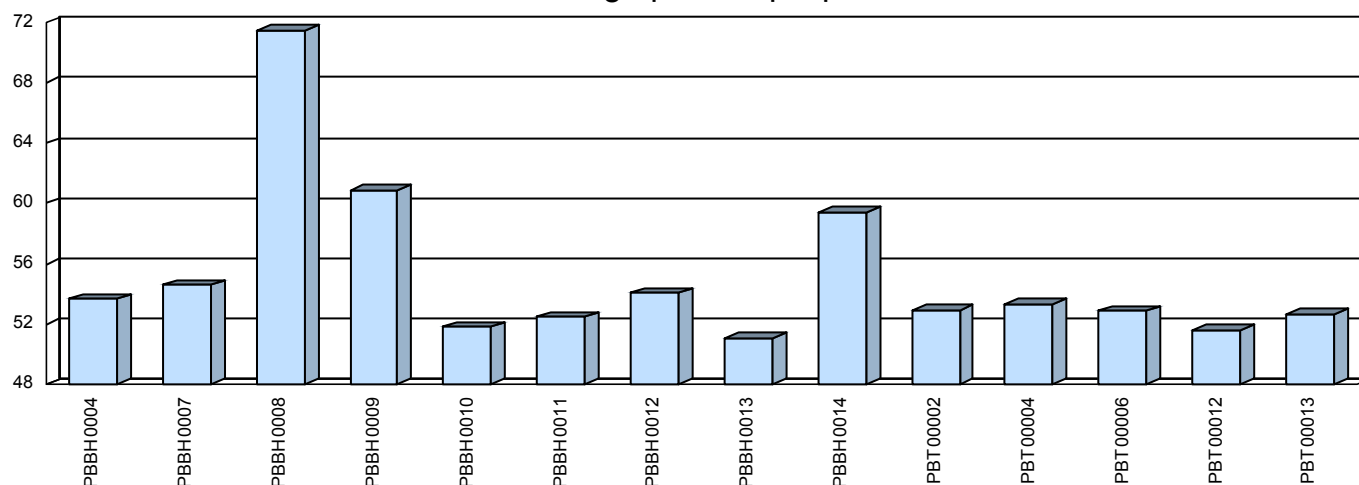
Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

Average per sample point

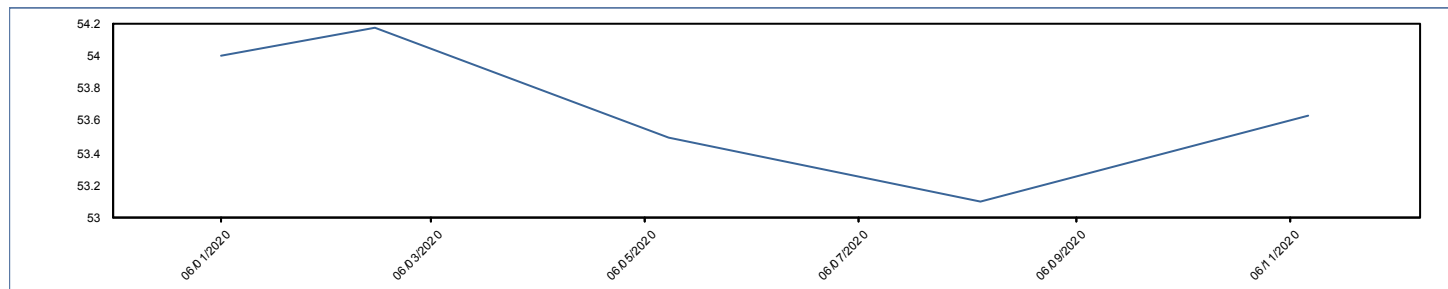


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0004	5	0	53.09	54.17	53.68	268.38	0.38	0.15	54.17
PBBH0007	5	0	53.69	55.10	54.60	272.99	0.50	0.25	55.10
PBBH0008	5	0	69.71	72.68	71.47	357.35	1.03	1.06	72.68
PBBH0009	5	0	59.65	63.03	60.89	304.47	1.13	1.28	63.03
PBBH0010	5	0	49.44	54.25	51.79	258.93	1.60	2.57	54.25
PBBH0011	5	0	52.02	53.01	52.46	262.28	0.35	0.12	53.01
PBBH0012	5	0	53.89	54.09	54.05	270.25	0.08	0.01	54.09
PBBH0013	5	0	49.90	52.15	51.04	255.22	0.81	0.65	52.15
PBBH0014	5	0	57.30	60.63	59.38	296.91	1.30	1.68	60.63
PBT00002	4	0	52.30	53.62	52.90	211.60	0.48	0.23	53.62
PBT00004	5	0	52.50	54.26	53.32	266.58	0.57	0.32	54.26
PBT00006	5	0	52.35	53.95	52.88	264.41	0.56	0.32	53.95
PBT00012	5	0	50.85	52.14	51.59	257.95	0.50	0.25	52.14
PBT00013	5	0	52.25	52.95	52.66	263.29	0.25	0.06	52.95
Total	69	0	49.44	72.68	55.23	3,810.61	5.36	28.74	71.45

Data from: 1 Jan 2020 to: 31 Dec 2020

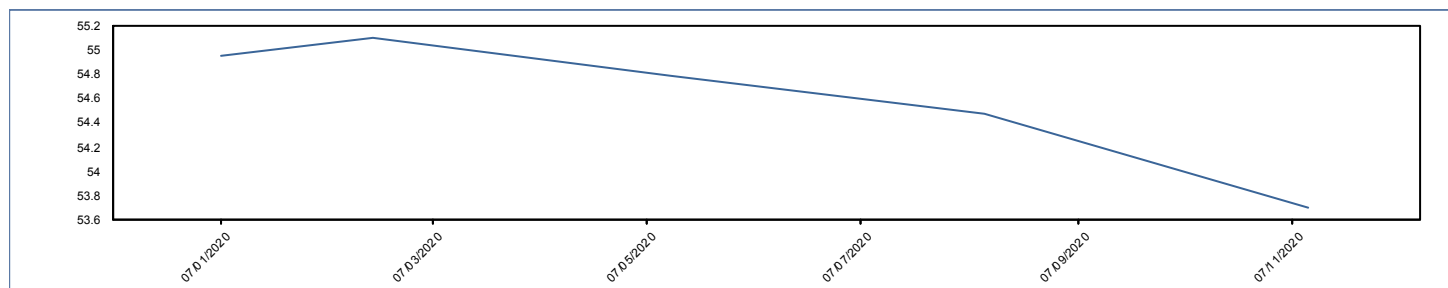
PBBH0004

Number of readings 5 Number of breaches 0



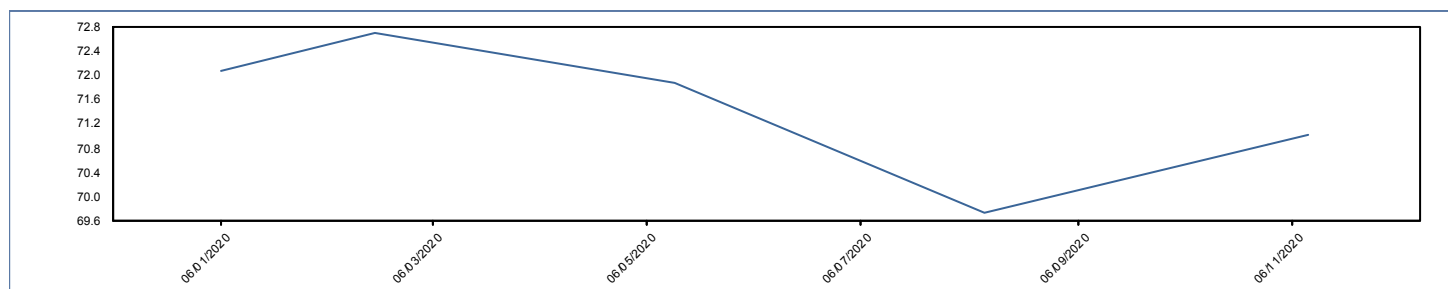
PBBH0007

Number of readings 5 Number of breaches 0



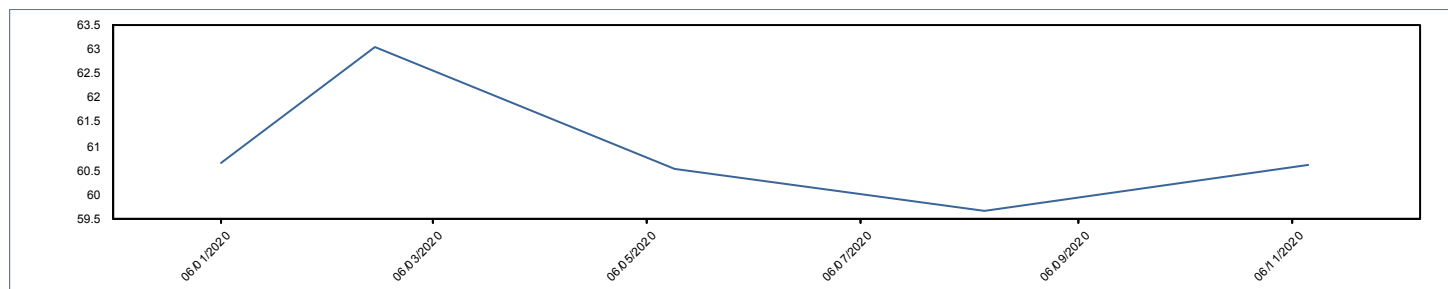
PBBH0008

Number of readings 5 Number of breaches 0



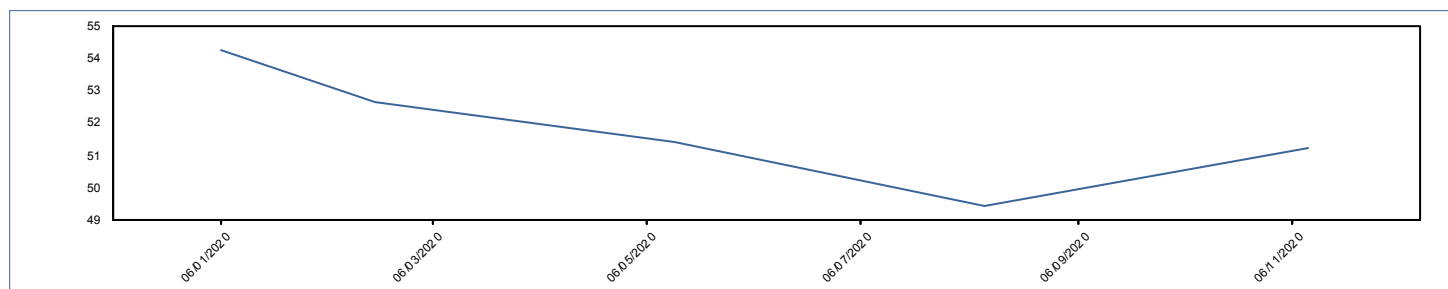
PBBH0009

Number of readings 5 Number of breaches 0



PBBH0010

Number of readings 5 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

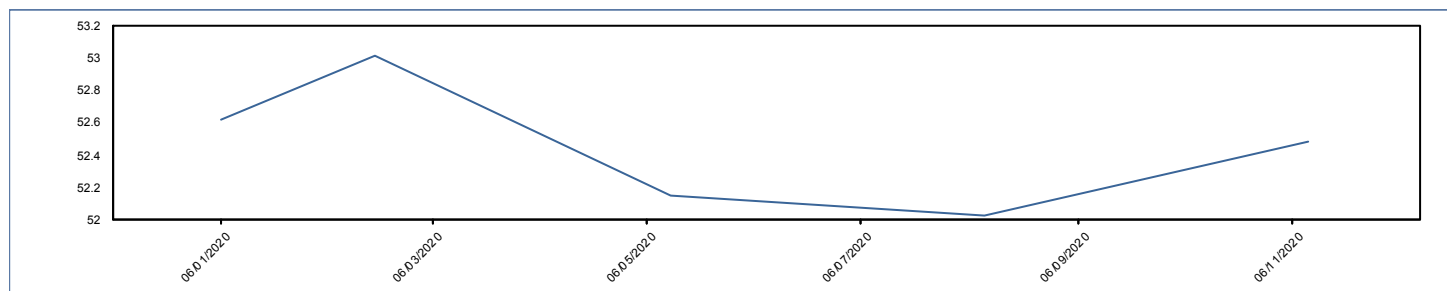
PBBH0011

Number of readings

5

Number of breaches

0



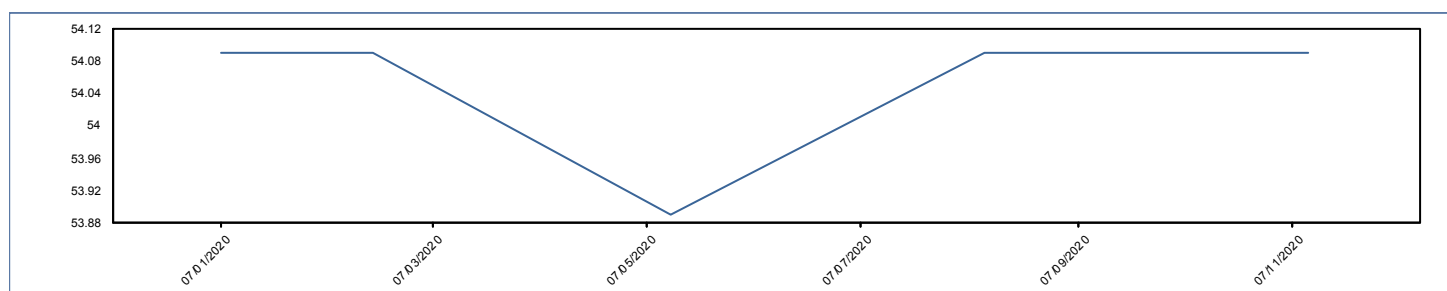
PBBH0012

Number of readings

5

Number of breaches

0



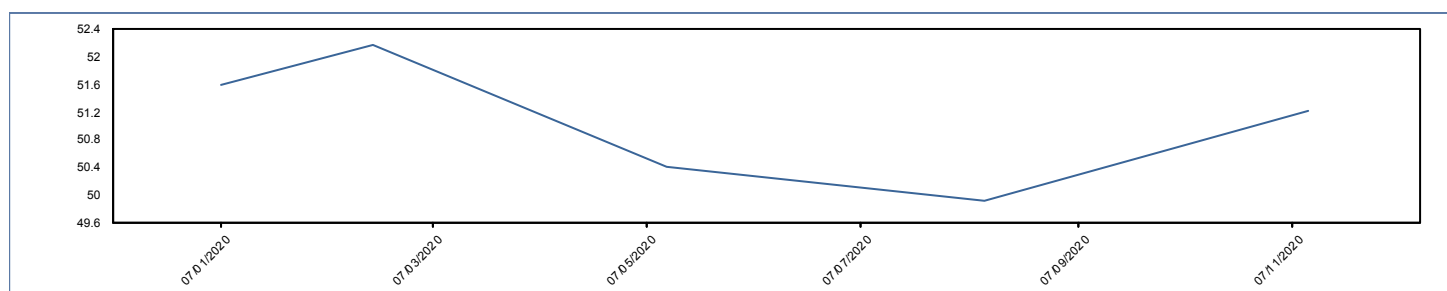
PBBH0013

Number of readings

5

Number of breaches

0



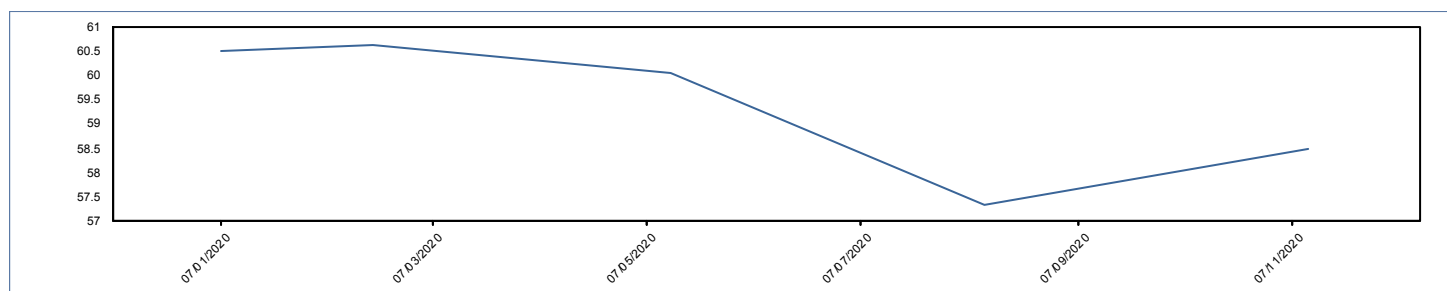
PBBH0014

Number of readings

5

Number of breaches

0



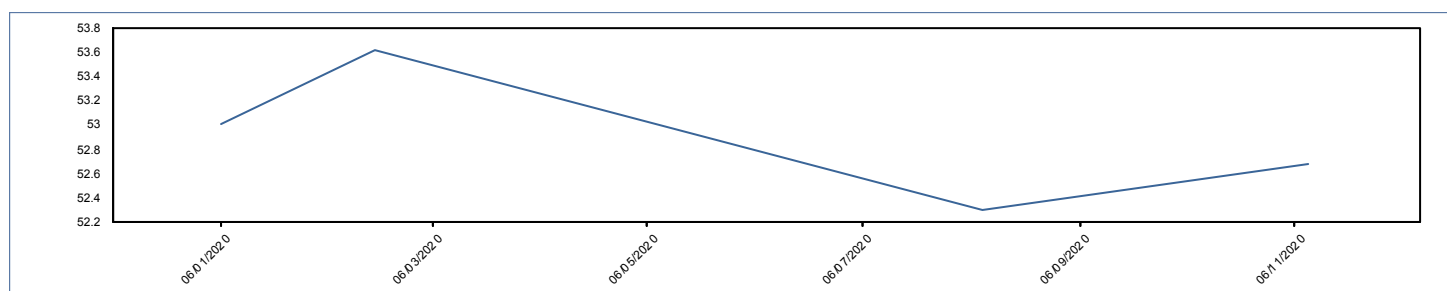
PBT00002

Number of readings

4

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

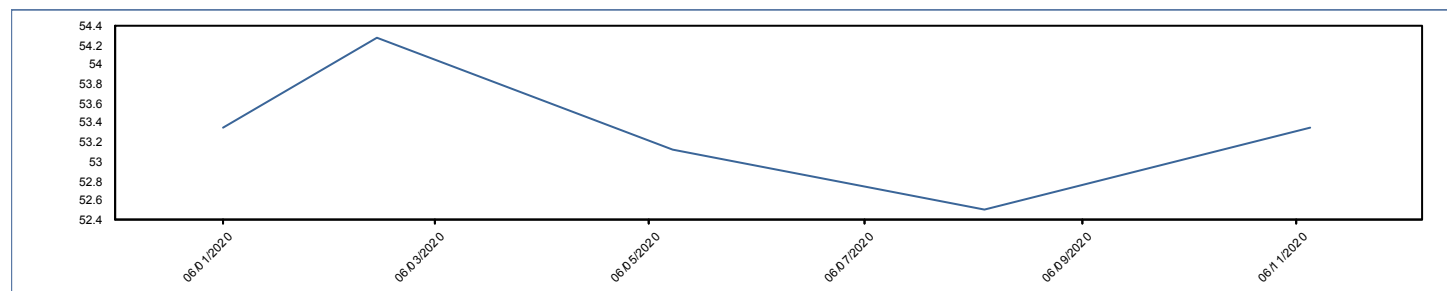
PBT00004

Number of readings

5

Number of breaches

0



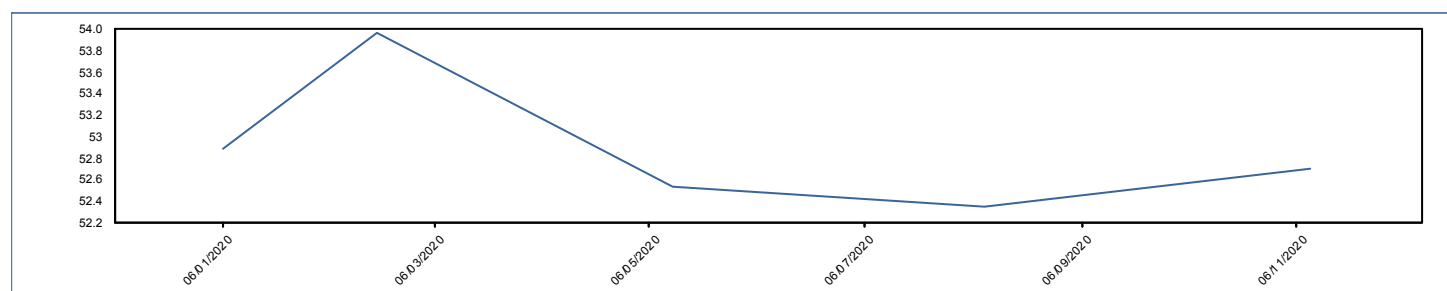
PBT00006

Number of readings

5

Number of breaches

0



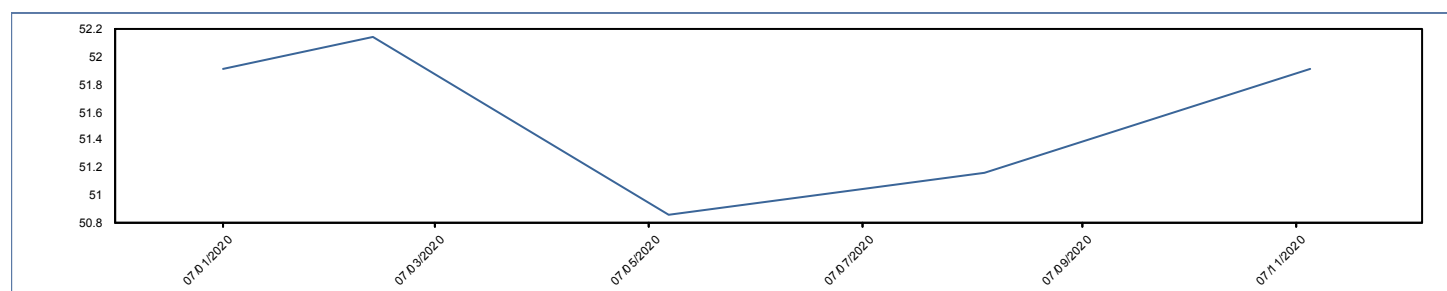
PBT00012

Number of readings

5

Number of breaches

0



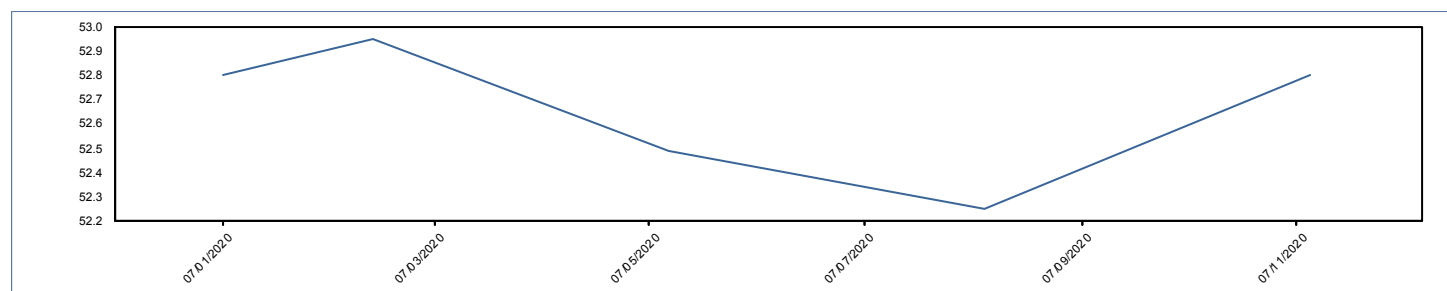
PBT00013

Number of readings

5

Number of breaches

0



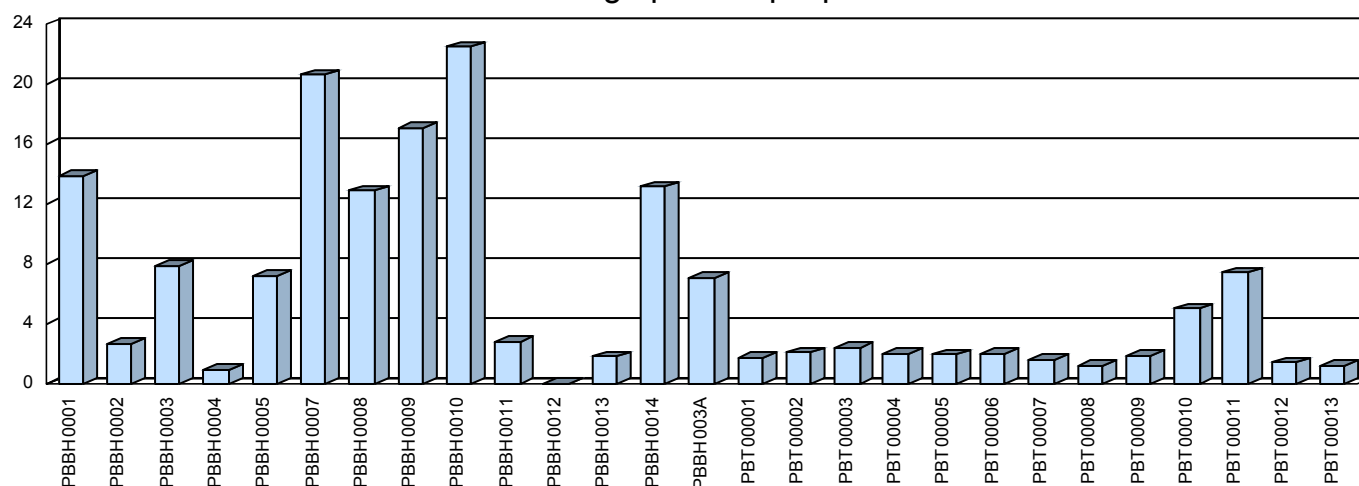
Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBBH0001	PBBH0002	PBBH0003	PBBH0004	PBBH0005	PBBH0007	PBBH0008	PBBH0009	PBBH0010	PBBH0011	PBBH0012	PBBH0013
Dip to Water	0	0	0	0	0	0	0	0	0	0	0	0
TD (m)	0	0	0	0	0	0	0	0	0	0	0	0
Water Level (mAOD)	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0001	5	0	12.07	15.25	13.89	69.43	1.12	1.26	15.25
PBBH0002	5	0	2.20	3.65	2.69	13.47	0.53	0.29	3.65
PBBH0003	5	0	6.67	8.60	7.85	39.25	0.66	0.43	8.60
PBBH0004	5	0	0.47	1.55	0.96	4.82	0.38	0.15	1.55
PBBH0005	5	0	5.95	8.60	7.22	36.09	1.01	1.01	8.60
PBBH0007	5	0	20.09	21.50	20.59	102.96	0.50	0.25	21.50
PBBH0008	5	0	11.68	14.65	12.89	64.45	1.03	1.06	14.65
PBBH0009	5	0	14.93	18.31	17.07	85.33	1.13	1.28	18.31
PBBH0010	5	0	19.99	24.80	22.45	112.27	1.60	2.57	24.80

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBBH0014	PBBH003A	PBT00001	PBT00002	PBT00003	PBT00004	PBT00005	PBT00006	PBT00007	PBT00008	PBT00009	PBT00010	PBT00011
Dip to Water	0	0	0	0	0	0	0	0	0	0	0	0	0
TD (m)	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Level (mAOD)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 31 Dec 2020

Pen-Y-Bont

Summary of breaches (no.)

	PBT00012	PBT00013	Total
Dip to Water	0	0	0
TD (m)	0	0	0
Water Level (mAOD)	0	0	0
Total	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0011	5	0	2.27	3.26	2.82	14.12	0.35	0.12	3.26
PBBH0012	5	0	0.00	0.20	0.04	0.20	0.08	0.01	0.20
PBBH0013	5	0	0.70	2.95	1.81	9.03	0.81	0.65	2.95
PBBH0014	5	0	11.88	15.21	13.13	65.64	1.30	1.68	15.21
PBBH003A	5	0	6.50	7.50	7.07	35.34	0.36	0.13	7.50
PBT00001	5	0	1.40	2.20	1.75	8.73	0.33	0.11	2.20
PBT00002	4	0	1.38	2.70	2.10	8.40	0.48	0.23	2.70
PBT00003	5	0	1.38	3.02	2.42	12.10	0.58	0.33	3.02
PBT00004	5	0	1.04	2.80	1.98	9.92	0.57	0.32	2.80
PBT00005	5	0	0.94	2.68	1.97	9.86	0.58	0.33	2.68
PBT00006	5	0	0.95	2.55	2.02	10.09	0.56	0.32	2.55
PBT00007	5	0	0.53	2.25	1.62	8.12	0.60	0.36	2.25
PBT00008	5	0	0.41	2.12	1.20	6.00	0.68	0.46	2.12
PBT00009	5	0	1.30	2.50	1.88	9.38	0.46	0.21	2.50
PBT00010	5	0	4.45	5.76	5.02	25.11	0.46	0.22	5.76
PBT00011	5	0	7.18	7.80	7.44	37.19	0.20	0.04	7.80
PBT00012	5	0	0.86	2.15	1.41	7.05	0.50	0.25	2.15
PBT00013	5	0	0.95	1.65	1.24	6.21	0.25	0.06	1.65
Total	134	0	0.00	24.80	6.05	810.56	6.36	40.42	20.56

Data from: 1 Jan 2020 to: 31 Dec 2020

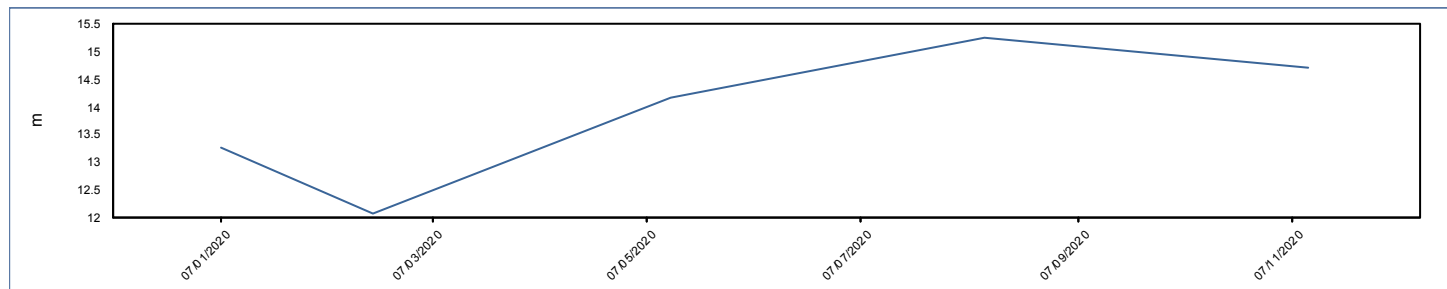
PBBH0001

Number of readings

5

Number of breaches

0



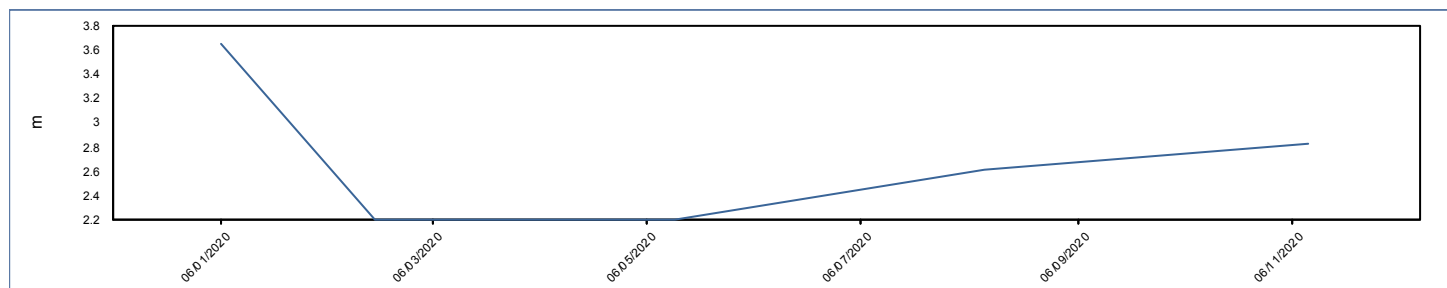
PBBH0002

Number of readings

5

Number of breaches

0



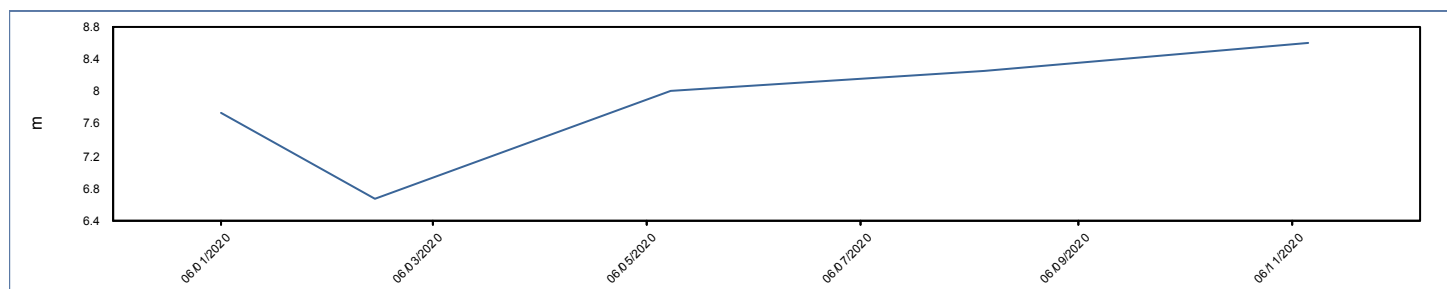
PBBH0003

Number of readings

5

Number of breaches

0



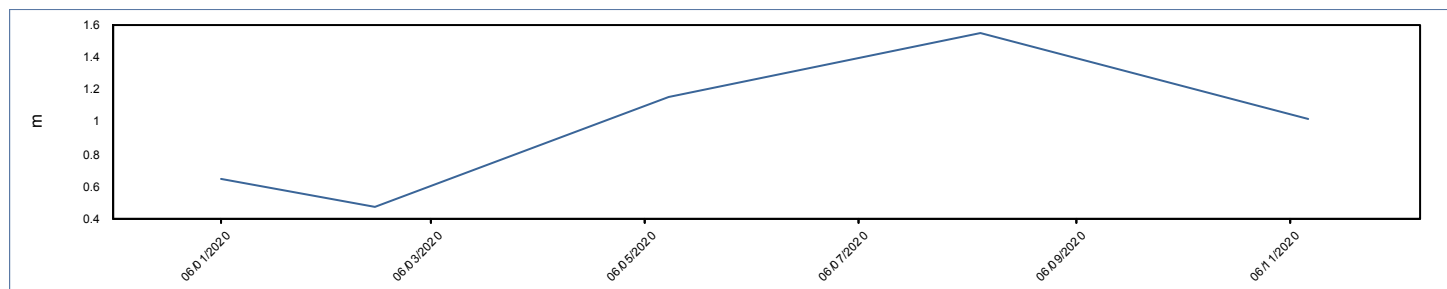
PBBH0004

Number of readings

5

Number of breaches

0



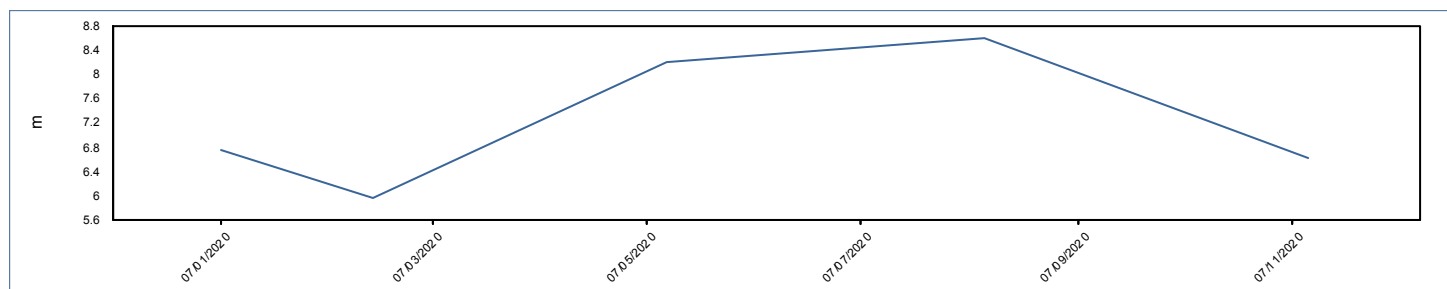
PBBH0005

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

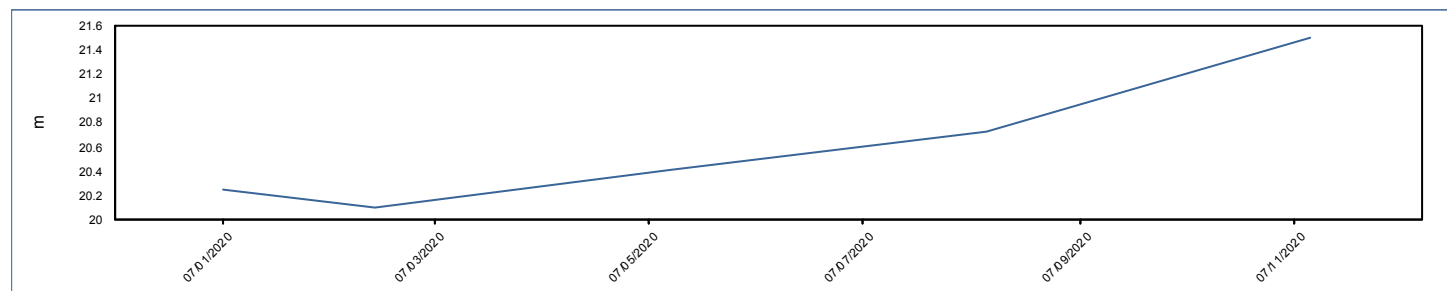
PBBH0007

Number of readings

5

Number of breaches

0



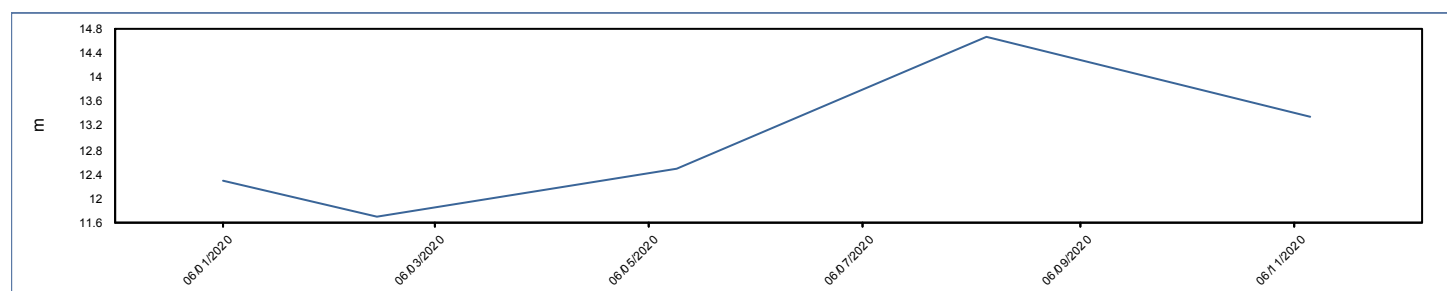
PBBH0008

Number of readings

5

Number of breaches

0



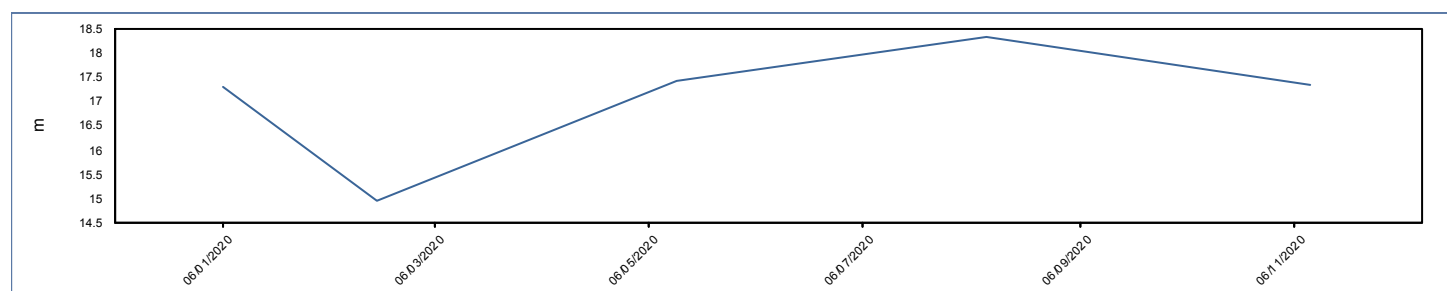
PBBH0009

Number of readings

5

Number of breaches

0



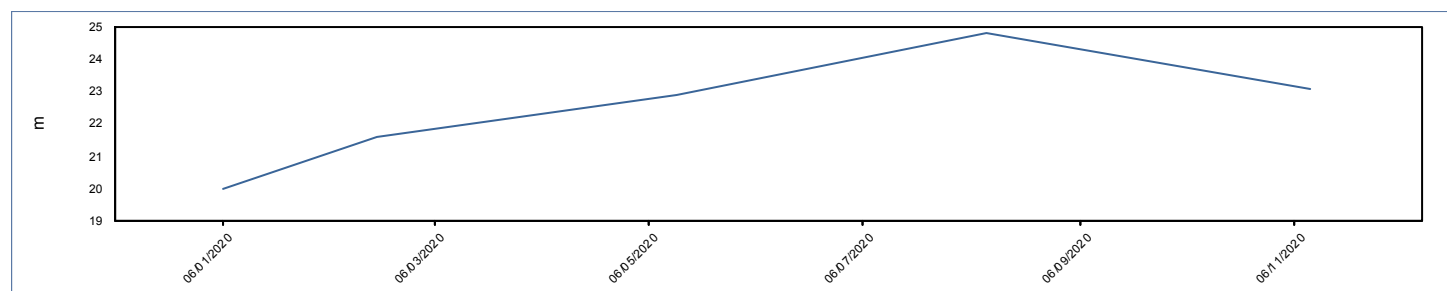
PBBH0010

Number of readings

5

Number of breaches

0



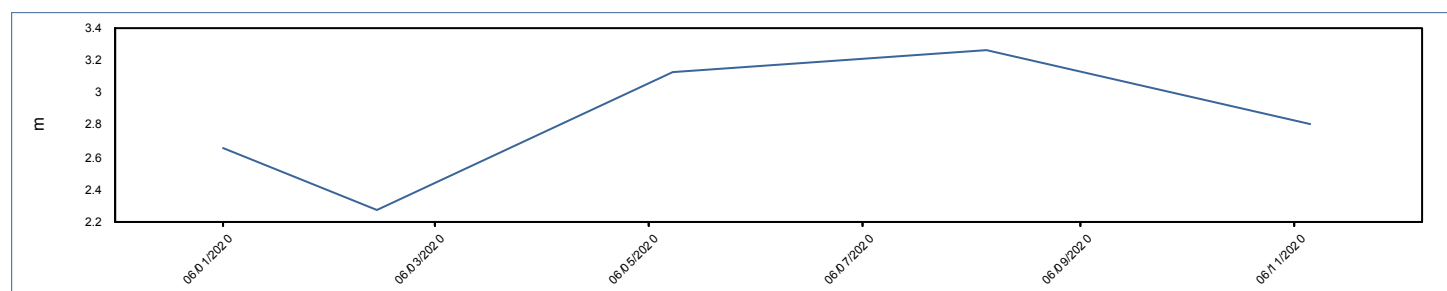
PBBH0011

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

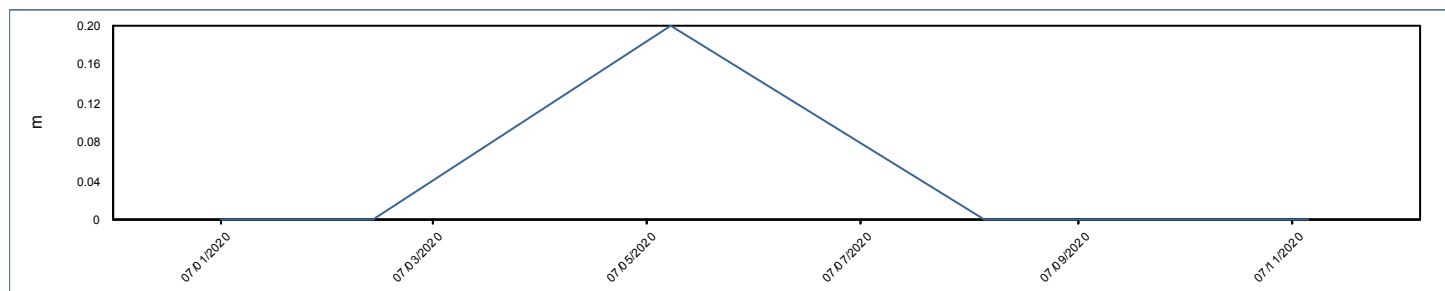
PBBH0012

Number of readings

5

Number of breaches

0



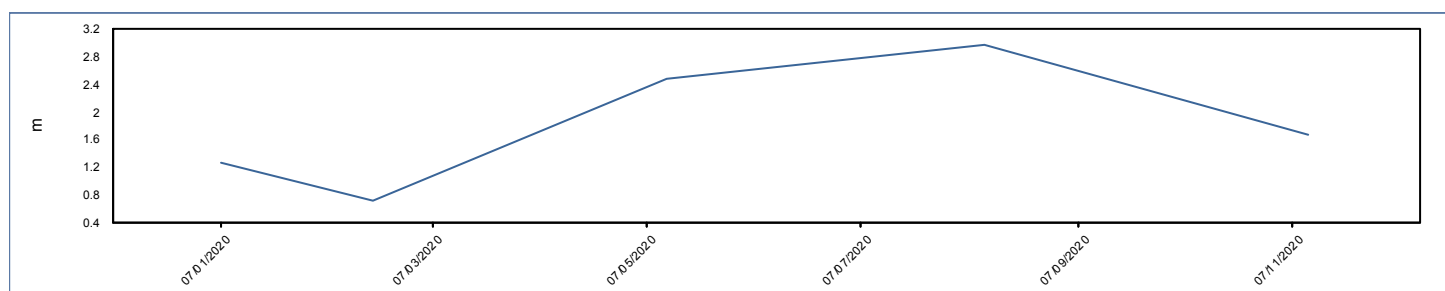
PBBH0013

Number of readings

5

Number of breaches

0



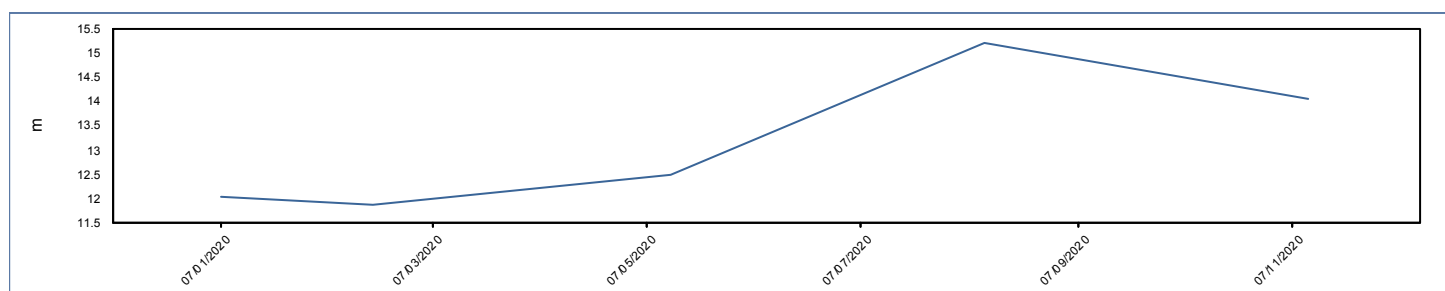
PBBH0014

Number of readings

5

Number of breaches

0



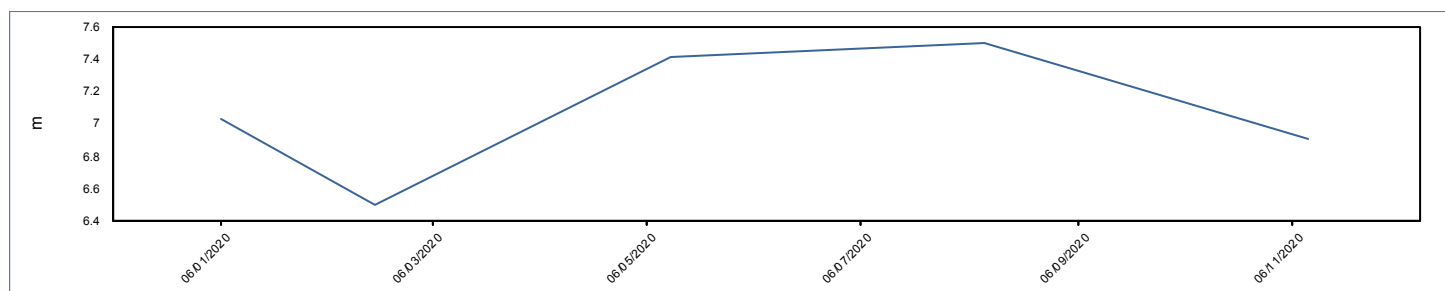
PBBH003A

Number of readings

5

Number of breaches

0



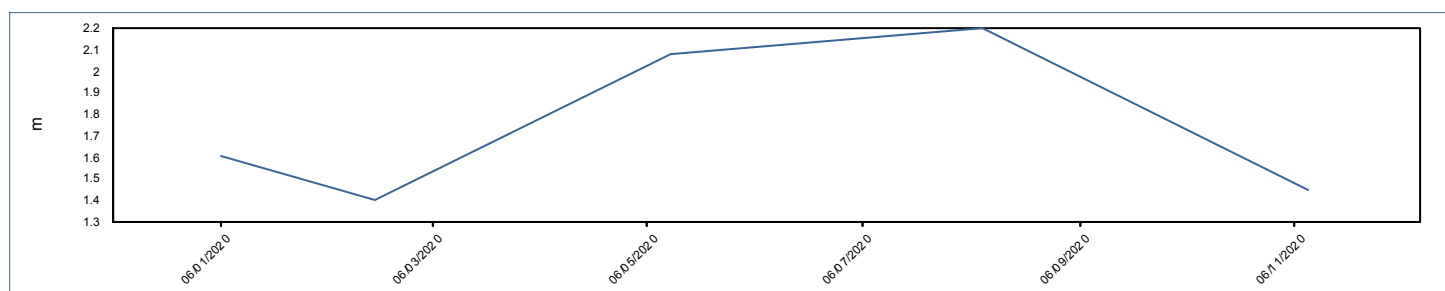
PBT00001

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

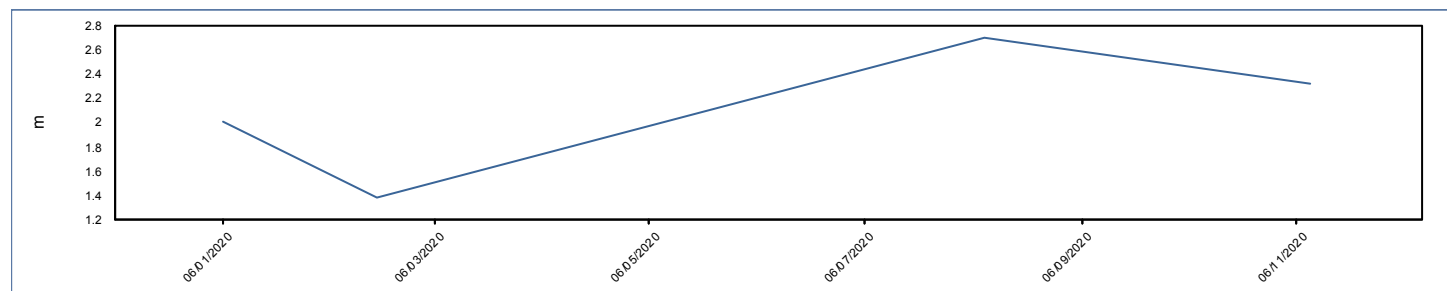
PBT00002

Number of readings

4

Number of breaches

0



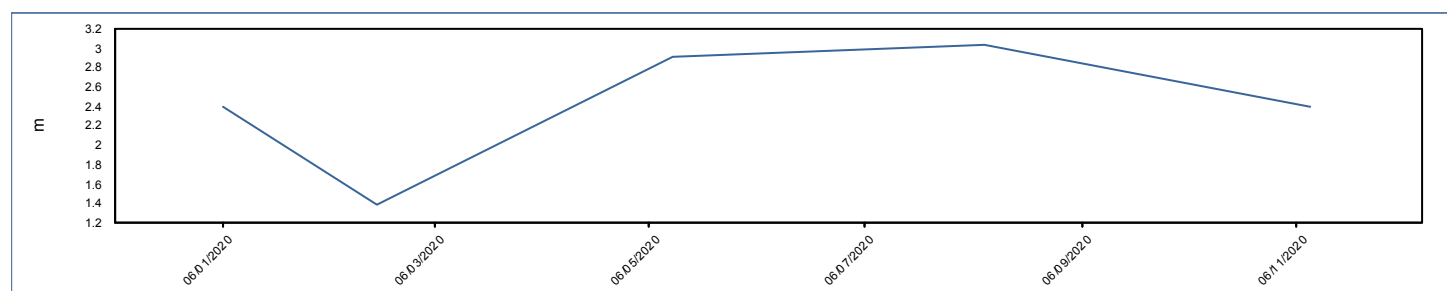
PBT00003

Number of readings

5

Number of breaches

0



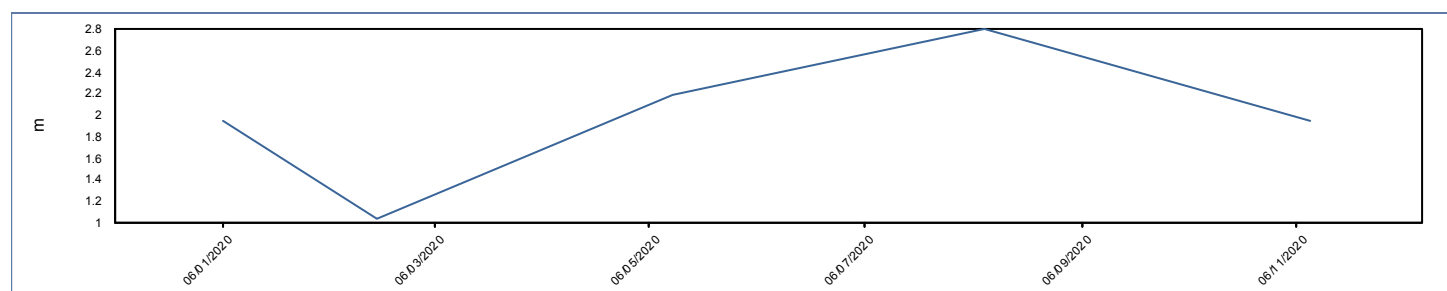
PBT00004

Number of readings

5

Number of breaches

0



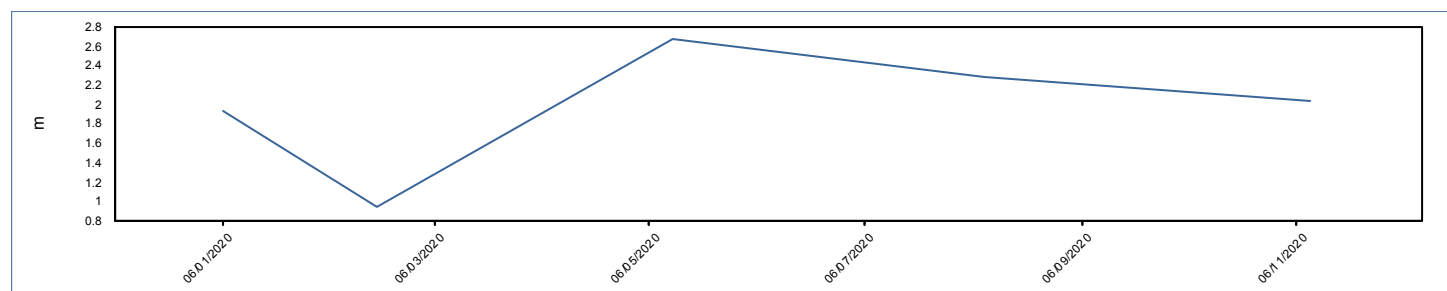
PBT00005

Number of readings

5

Number of breaches

0



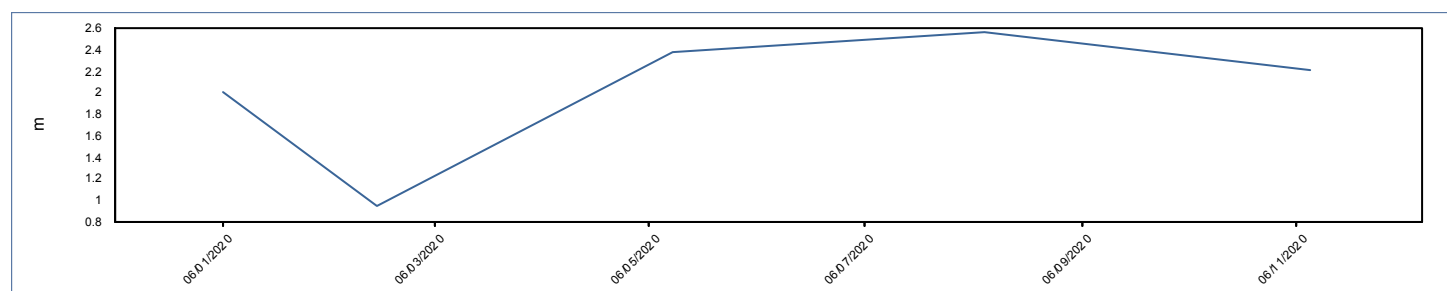
PBT00006

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

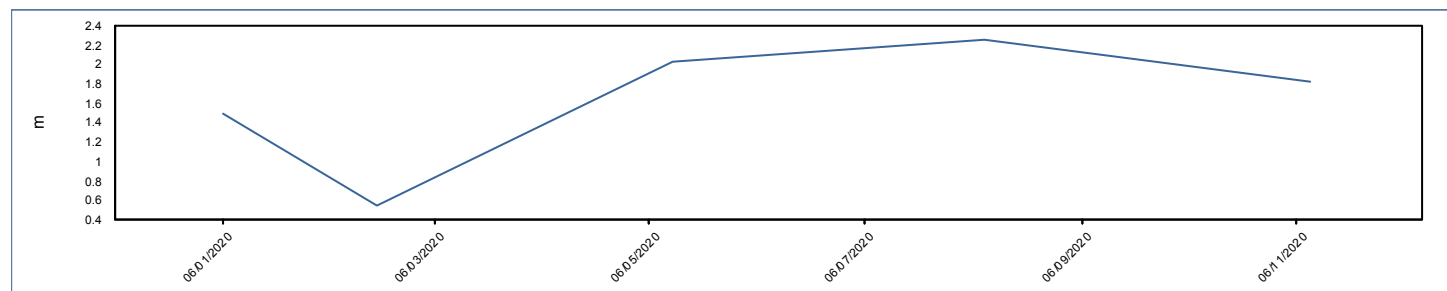
PBT00007

Number of readings

5

Number of breaches

0



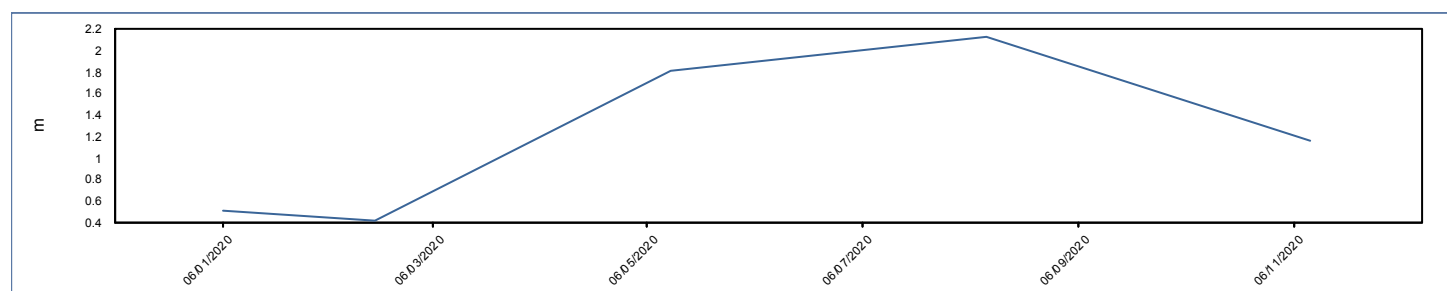
PBT00008

Number of readings

5

Number of breaches

0



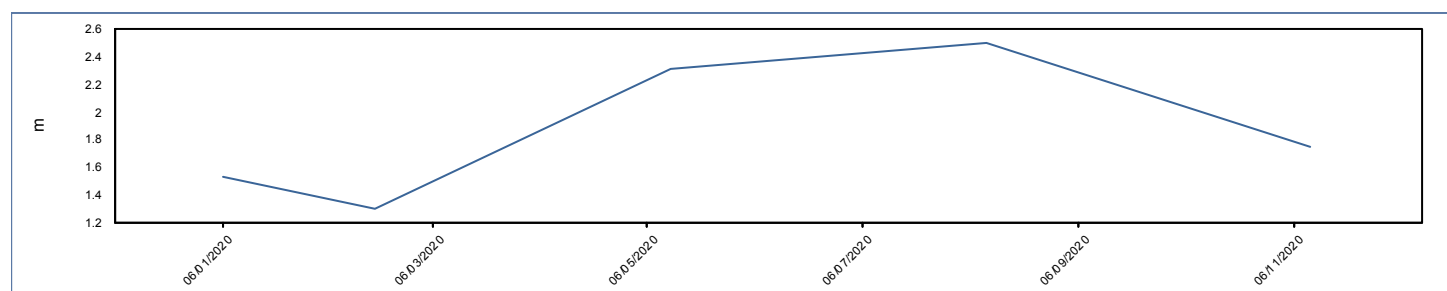
PBT00009

Number of readings

5

Number of breaches

0



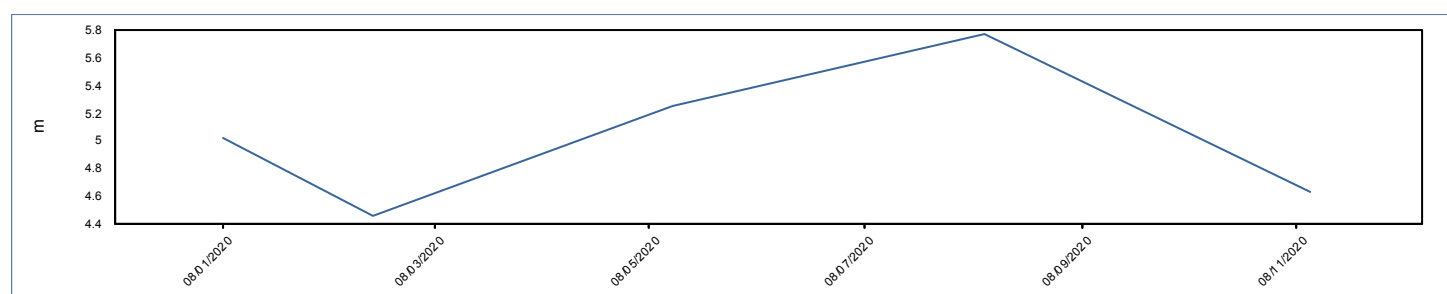
PBT00010

Number of readings

5

Number of breaches

0



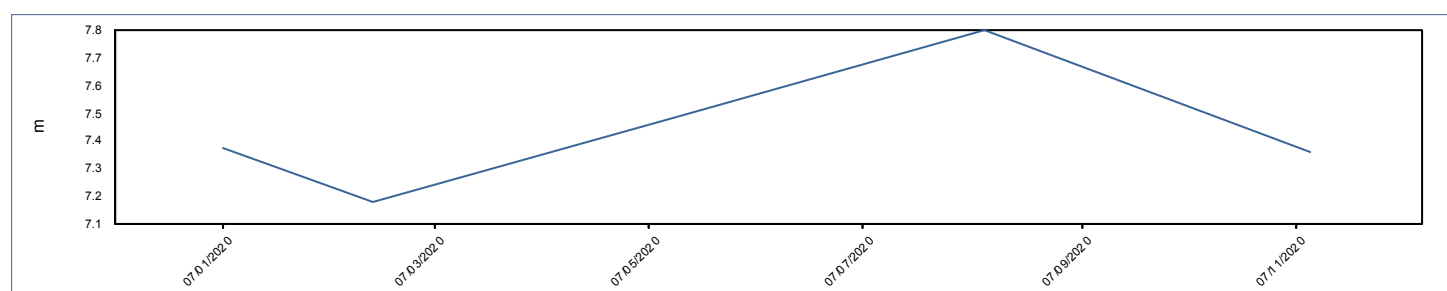
PBT00011

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

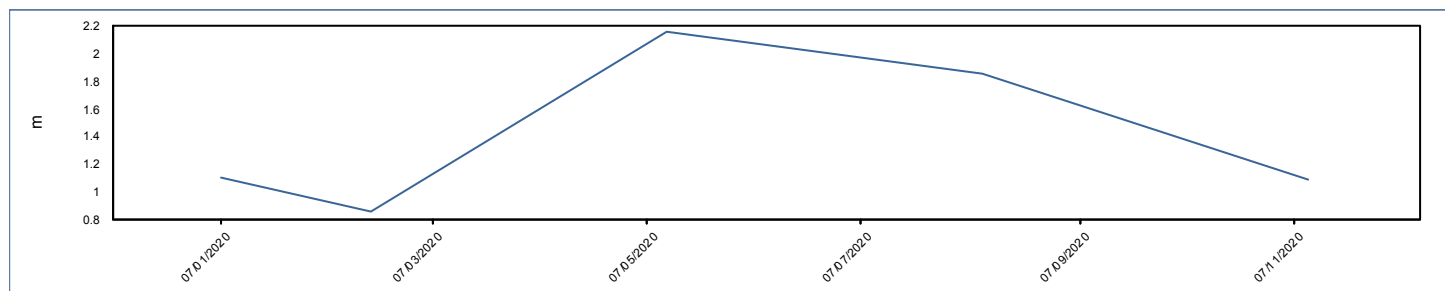
PBT00012

Number of readings

5

Number of breaches

0



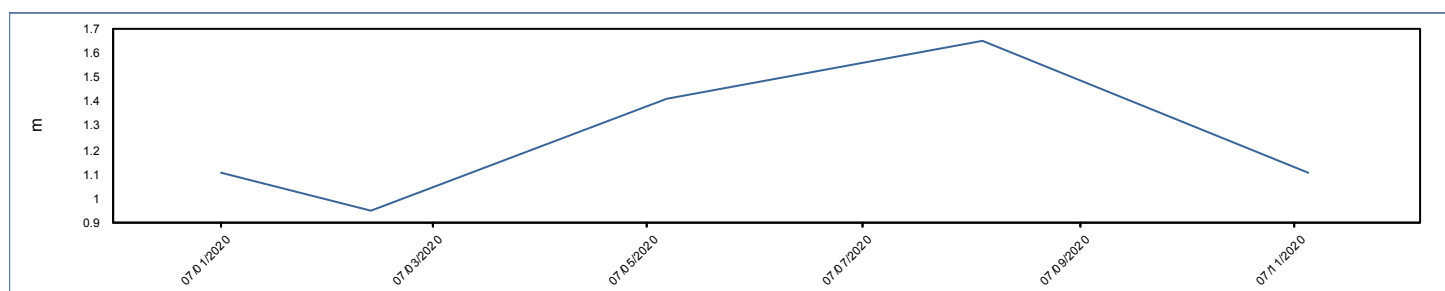
PBT00013

Number of readings

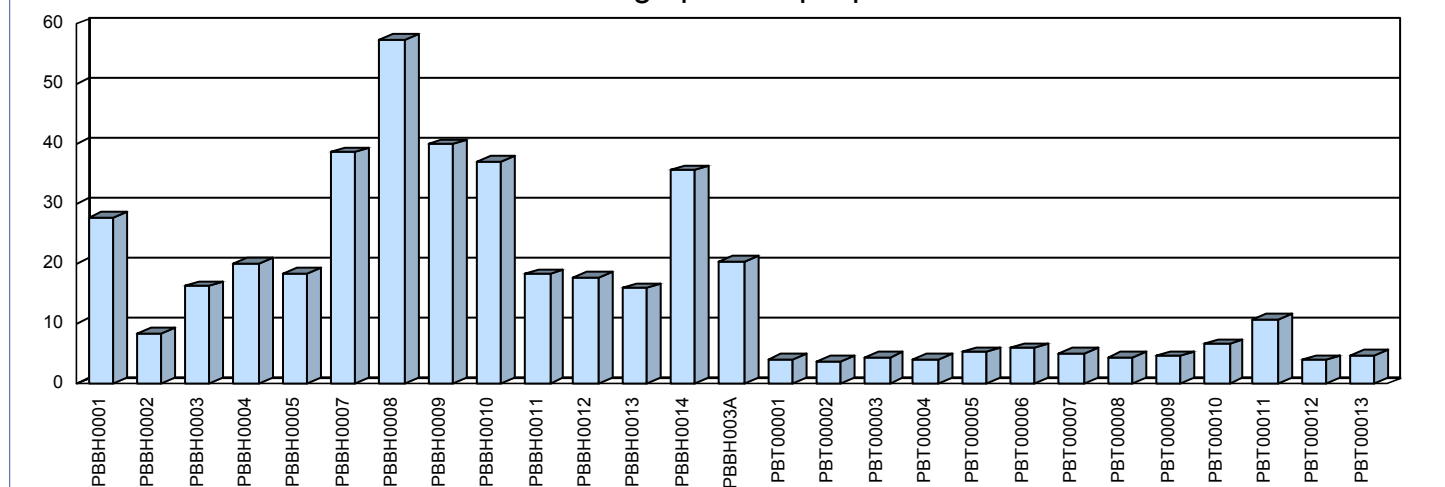
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0001	5	0	27.78	27.80	27.79	138.95	0.01	0.00	27.80
PBBH0002	5	0	8.40	8.41	8.40	42.01	0.00	0.00	8.41
PBBH0003	5	0	16.23	16.24	16.24	81.18	0.00	0.00	16.24
PBBH0004	5	0	20.08	20.10	20.10	100.48	0.01	0.00	20.10
PBBH0005	5	0	12.02	20.00	18.39	91.96	3.19	10.15	20.00
PBBH0007	5	0	38.48	38.50	38.49	192.47	0.01	0.00	38.50
PBBH0008	5	0	57.38	57.40	57.39	286.96	0.01	0.00	57.40

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0009	5	0	39.82	39.90	39.85	199.24	0.03	0.00	39.90
PBBH0010	5	0	36.97	36.99	36.98	184.88	0.01	0.00	36.99
PBBH0011	5	0	18.18	18.22	18.20	90.99	0.01	0.00	18.22
PBBH0012	5	0	17.04	17.89	17.68	88.42	0.32	0.10	17.89
PBBH0013	5	0	15.80	15.85	15.82	79.12	0.02	0.00	15.85
PBBH0014	5	0	35.54	35.56	35.55	177.74	0.01	0.00	35.56
PBBH003A	5	0	20.44	20.46	20.45	102.25	0.01	0.00	20.46
PBT00001	5	0	4.06	4.10	4.08	20.41	0.01	0.00	4.10
PBT00002	5	0	1.85	4.25	3.71	18.57	0.93	0.87	4.25
PBT00003	5	0	4.10	4.39	4.31	21.54	0.11	0.01	4.39
PBT00004	5	0	3.96	4.03	4.01	20.05	0.03	0.00	4.03
PBT00005	5	0	5.15	5.20	5.19	25.95	0.02	0.00	5.20
PBT00006	5	0	5.89	5.95	5.92	29.60	0.02	0.00	5.95
PBT00007	5	0	4.95	5.01	4.99	24.96	0.02	0.00	5.01
PBT00008	5	0	4.35	4.45	4.43	22.14	0.04	0.00	4.45
PBT00009	5	0	4.55	4.59	4.57	22.85	0.01	0.00	4.59
PBT00010	5	0	6.40	6.59	6.51	32.57	0.06	0.00	6.59
PBT00011	5	0	10.52	10.68	10.63	53.16	0.06	0.00	10.68
PBT00012	5	0	3.68	3.87	3.82	19.12	0.07	0.01	3.87
PBT00013	5	0	4.73	4.75	4.74	23.70	0.01	0.00	4.75
Total	135	0	1.85	57.40	16.23	2,191.27	14.19	201.41	39.88

Data from: 1 Jan 2020 to: 31 Dec 2020

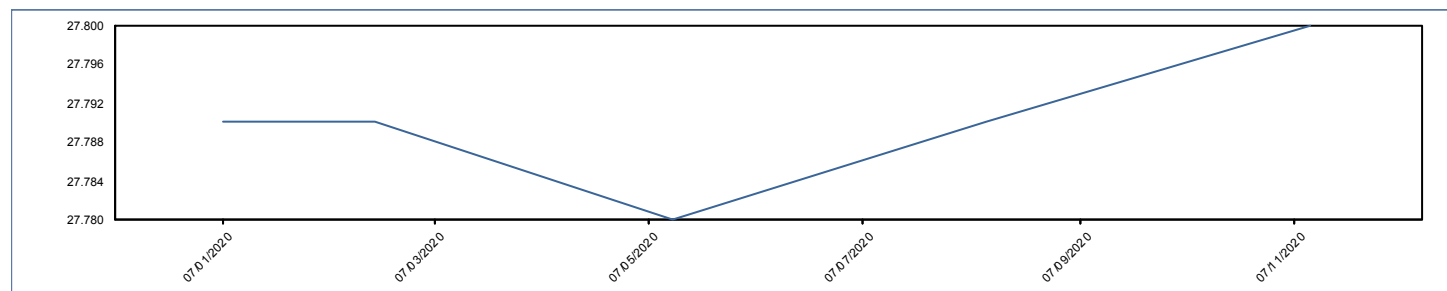
PBBH0001

Number of readings

5

Number of breaches

0



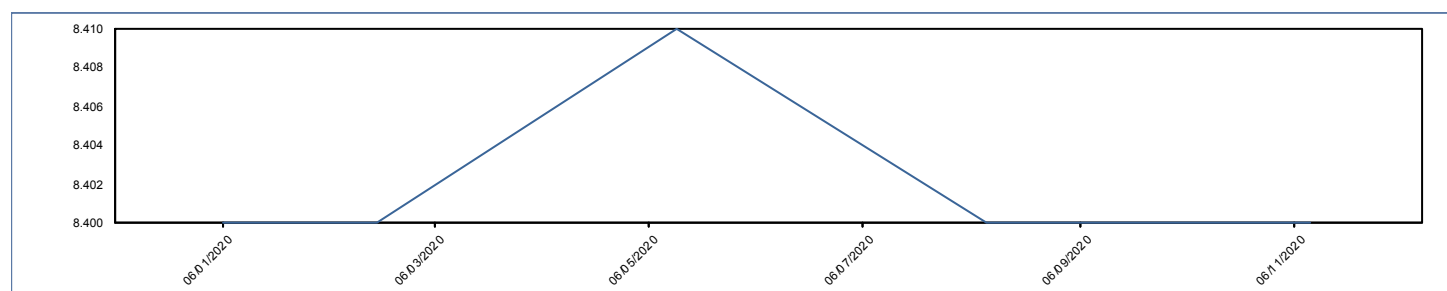
PBBH0002

Number of readings

5

Number of breaches

0



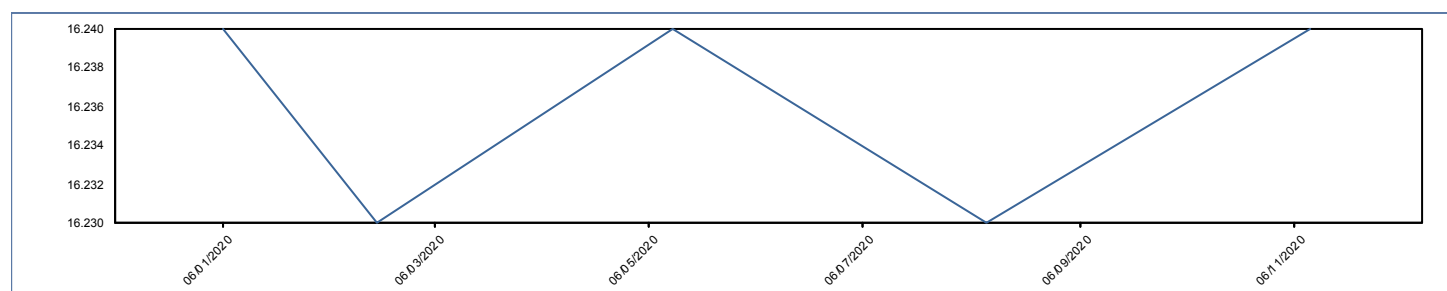
PBBH0003

Number of readings

5

Number of breaches

0



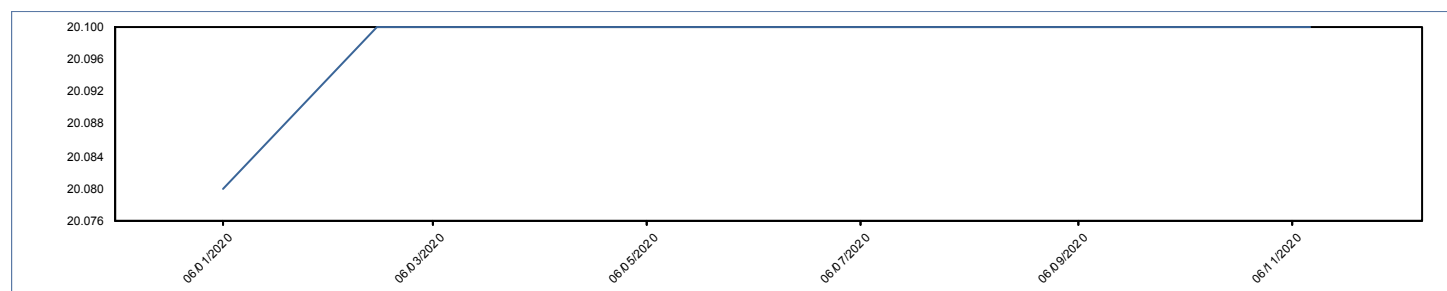
PBBH0004

Number of readings

5

Number of breaches

0



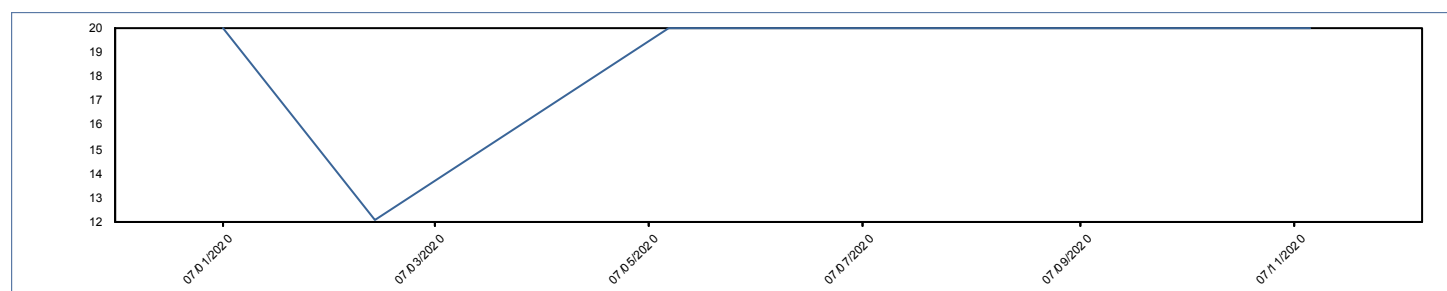
PBBH0005

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

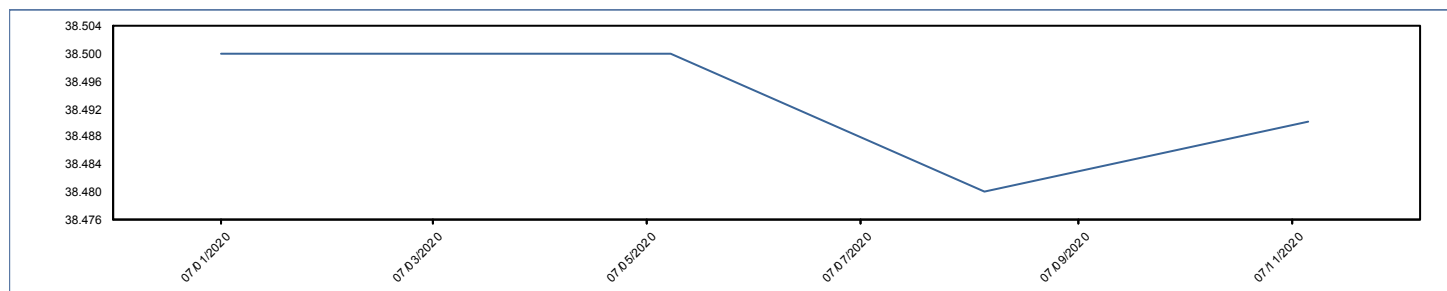
PBBH0007

Number of readings

5

Number of breaches

0



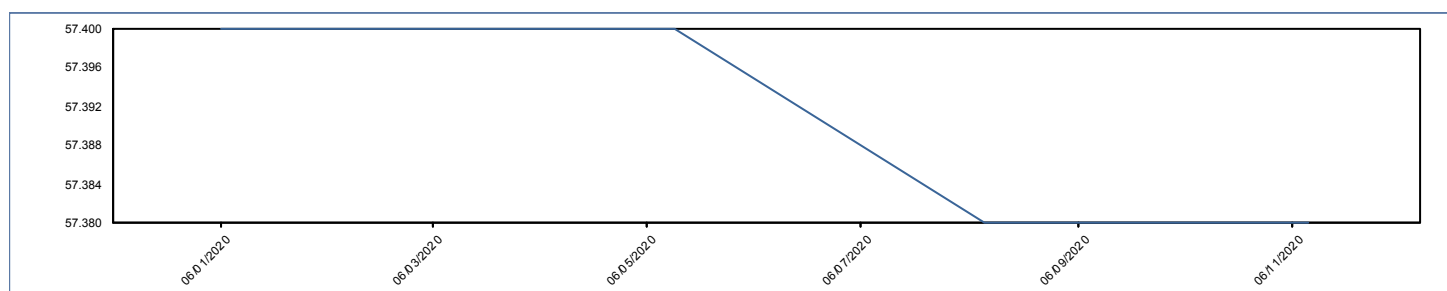
PBBH0008

Number of readings

5

Number of breaches

0



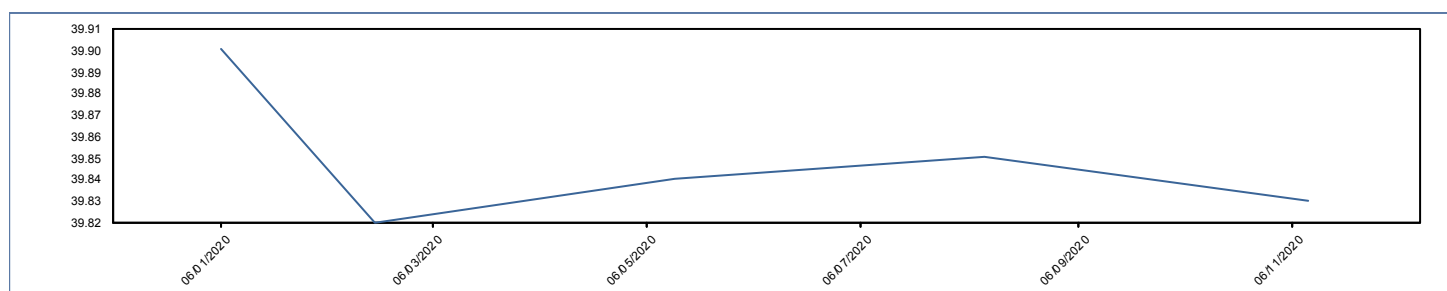
PBBH0009

Number of readings

5

Number of breaches

0



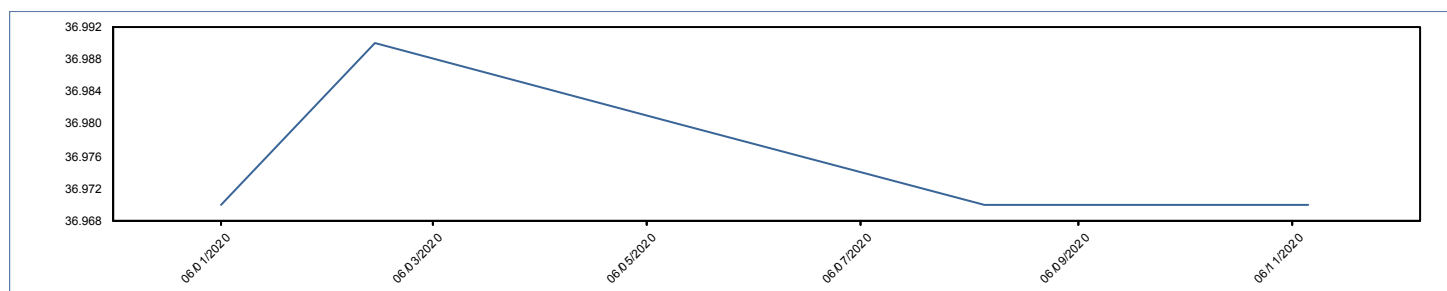
PBBH0010

Number of readings

5

Number of breaches

0



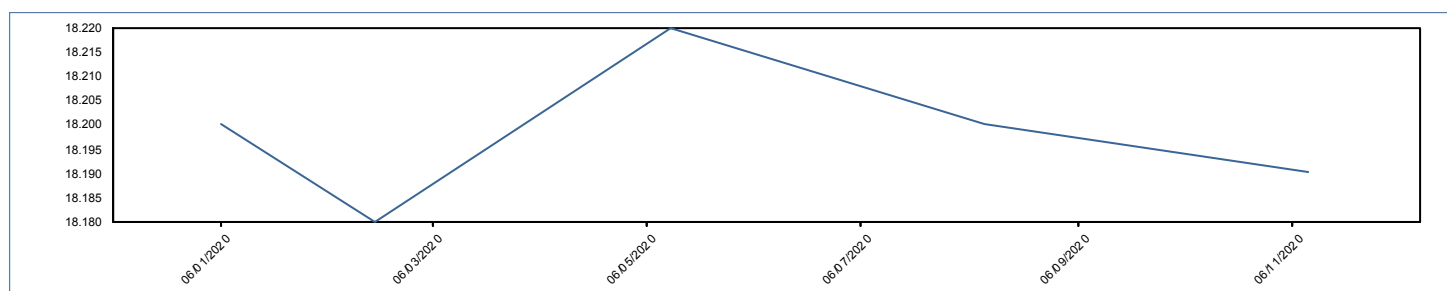
PBBH0011

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

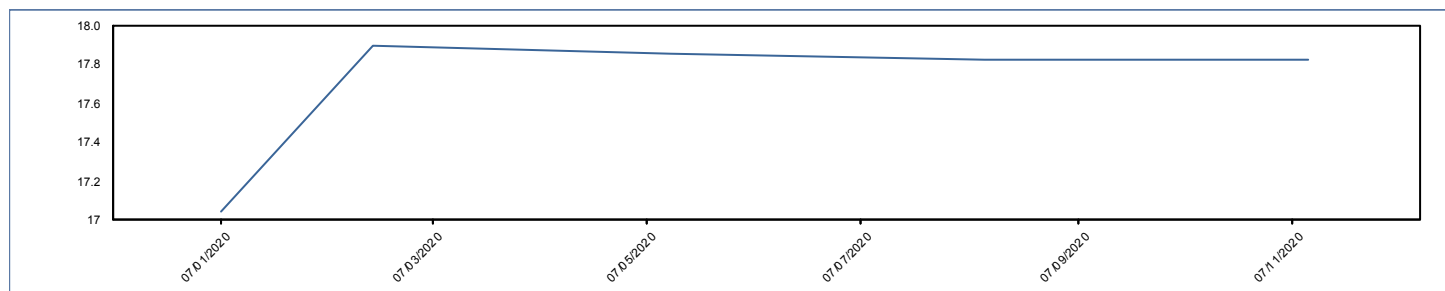
PBBH0012

Number of readings

5

Number of breaches

0



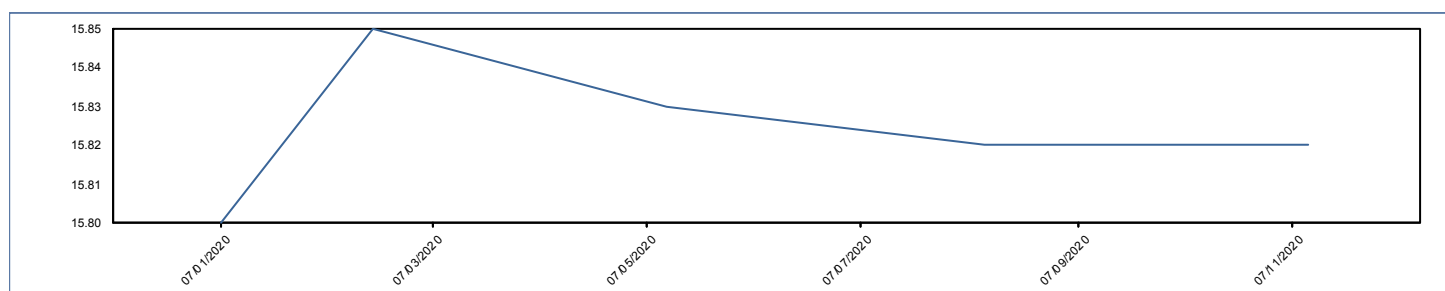
PBBH0013

Number of readings

5

Number of breaches

0



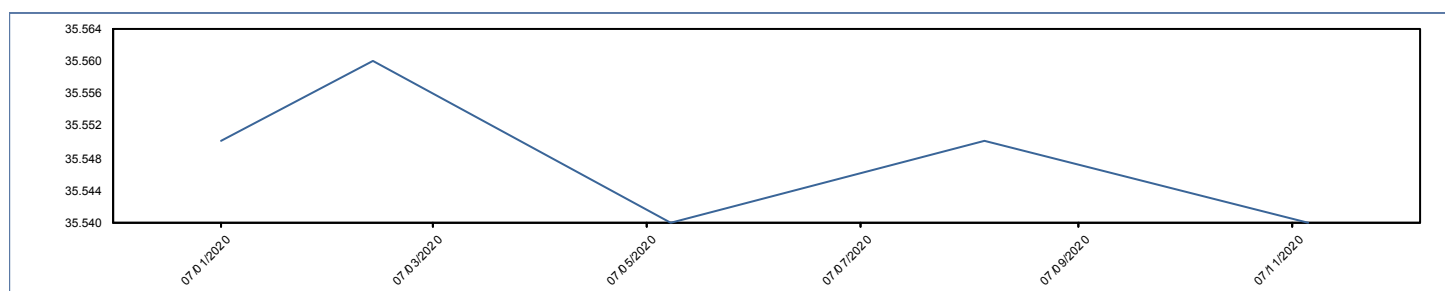
PBBH0014

Number of readings

5

Number of breaches

0



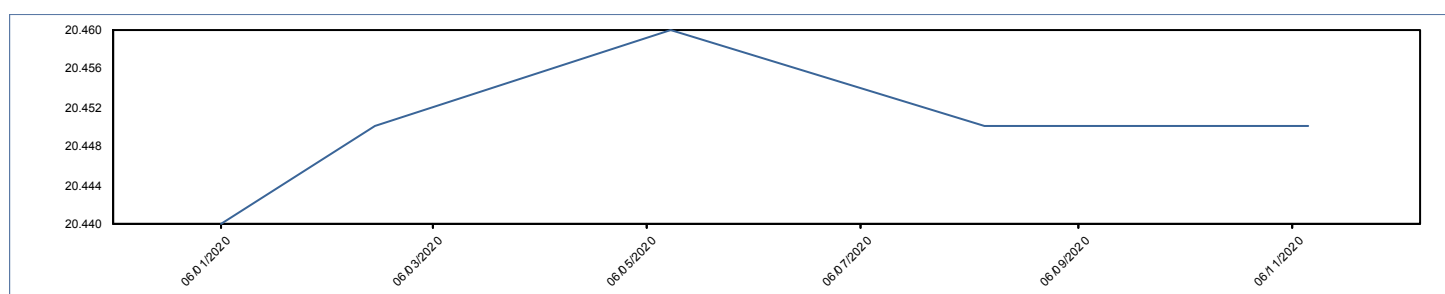
PBBH003A

Number of readings

5

Number of breaches

0



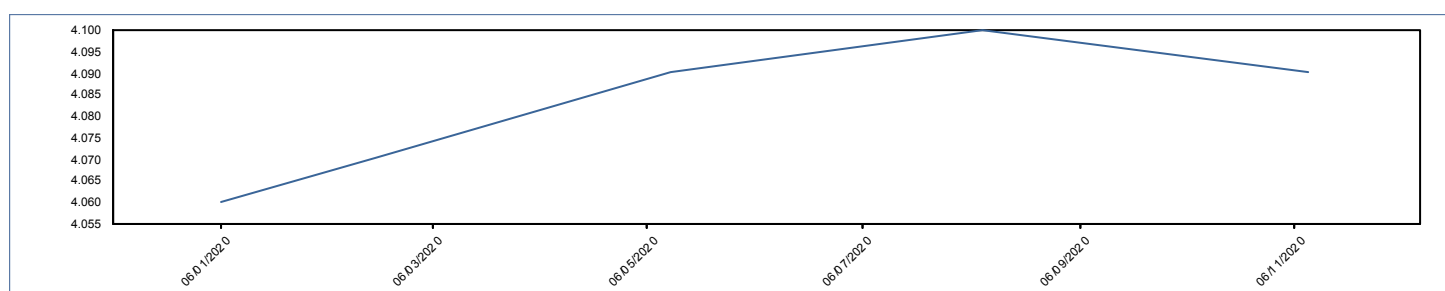
PBT00001

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

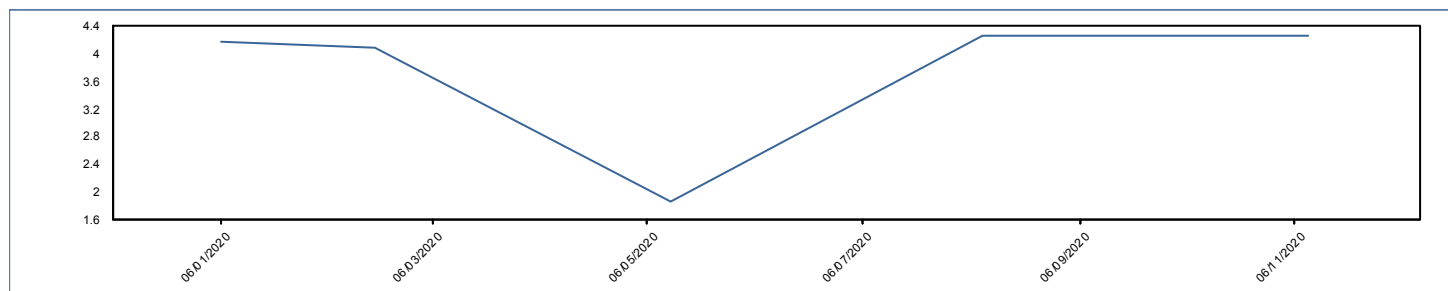
PBT00002

Number of readings

5

Number of breaches

0



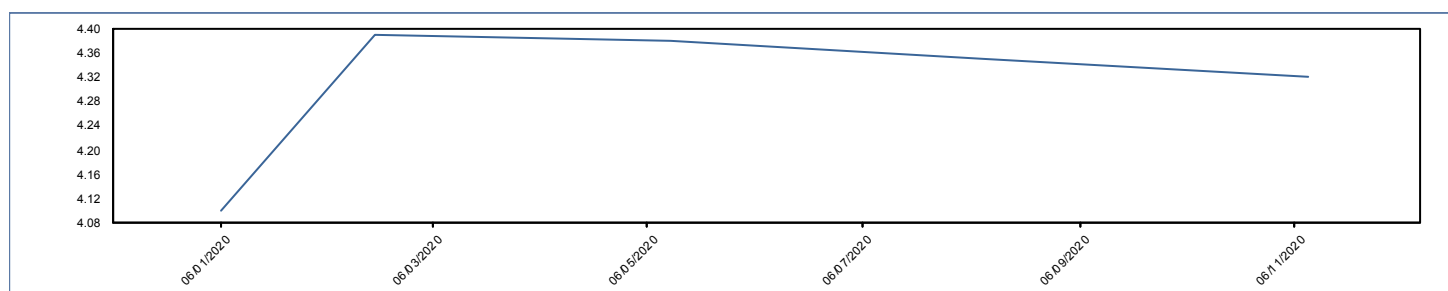
PBT00003

Number of readings

5

Number of breaches

0



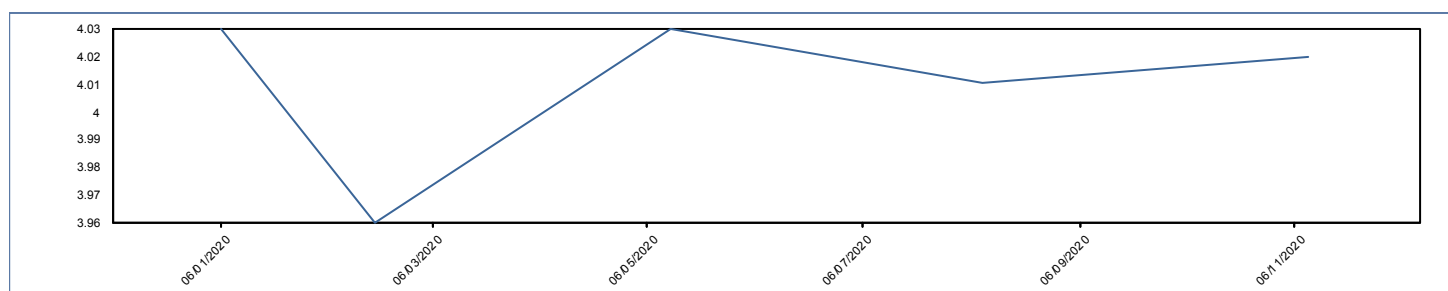
PBT00004

Number of readings

5

Number of breaches

0



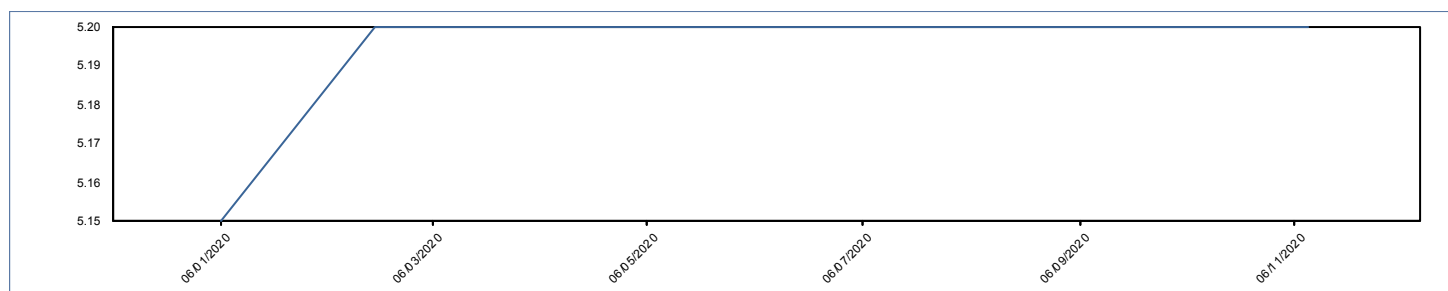
PBT00005

Number of readings

5

Number of breaches

0



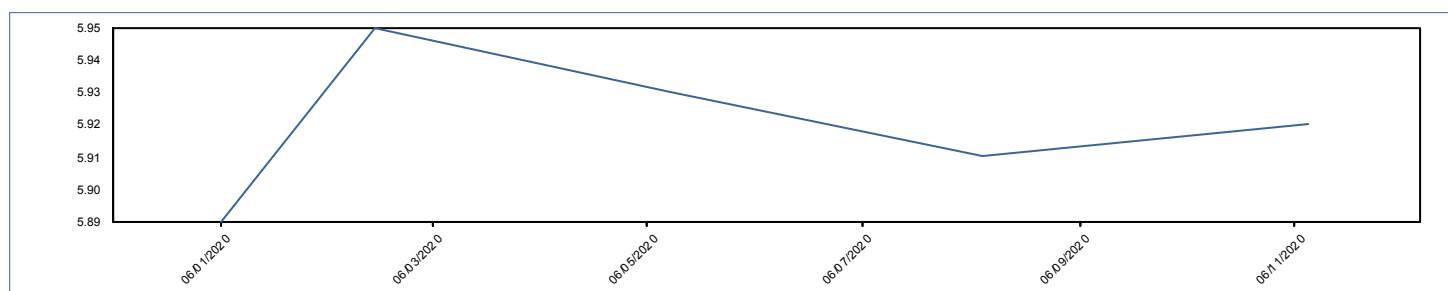
PBT00006

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

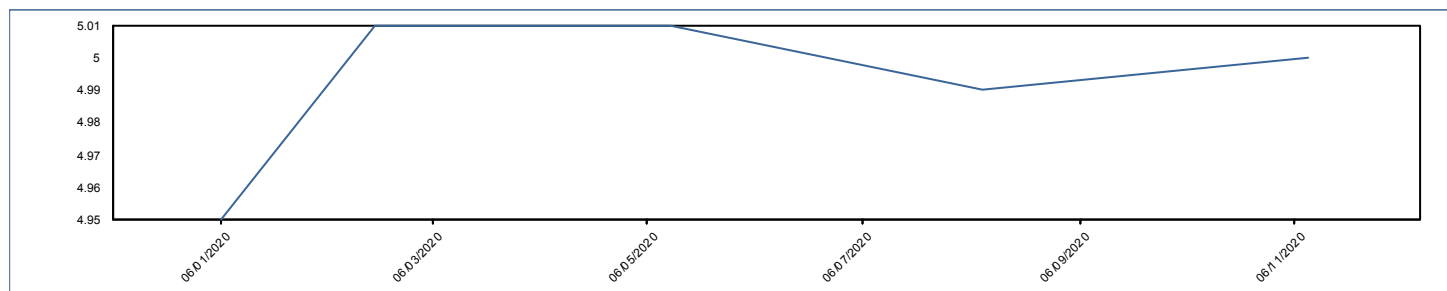
PBT00007

Number of readings

5

Number of breaches

0



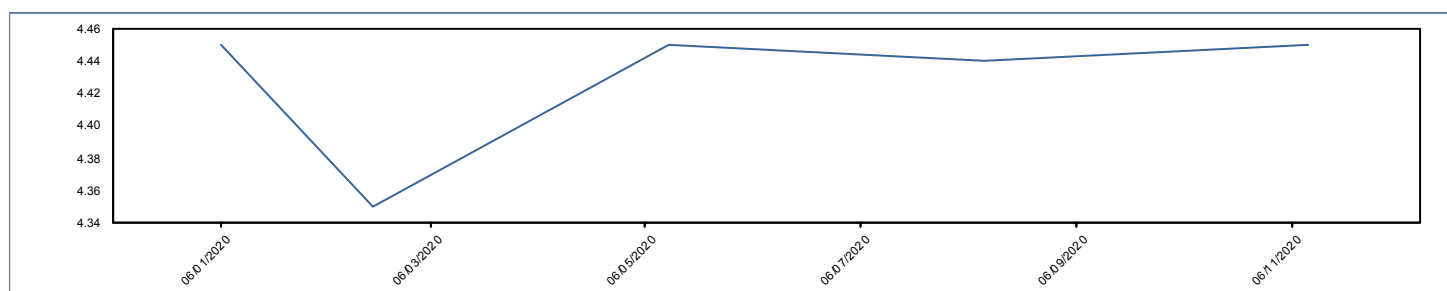
PBT00008

Number of readings

5

Number of breaches

0



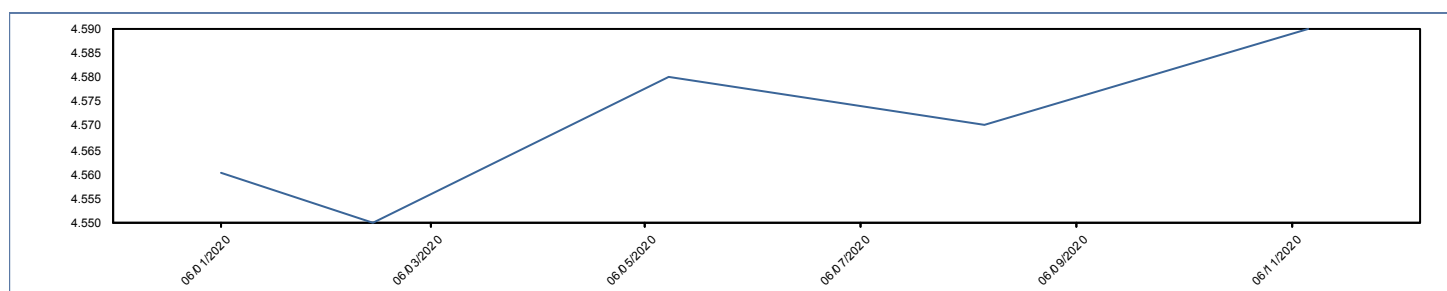
PBT00009

Number of readings

5

Number of breaches

0



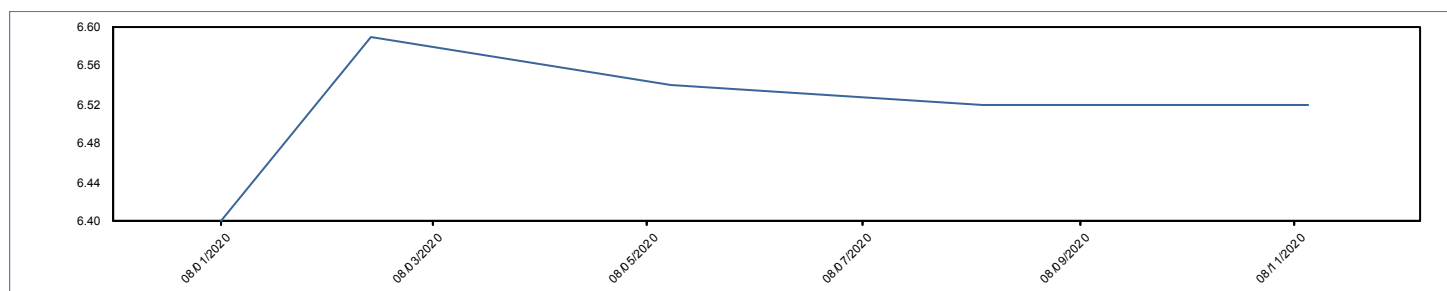
PBT00010

Number of readings

5

Number of breaches

0



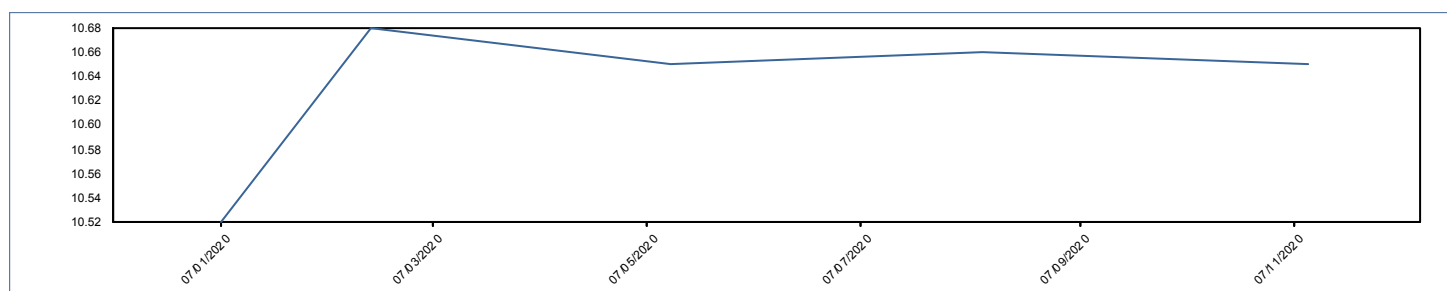
PBT00011

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

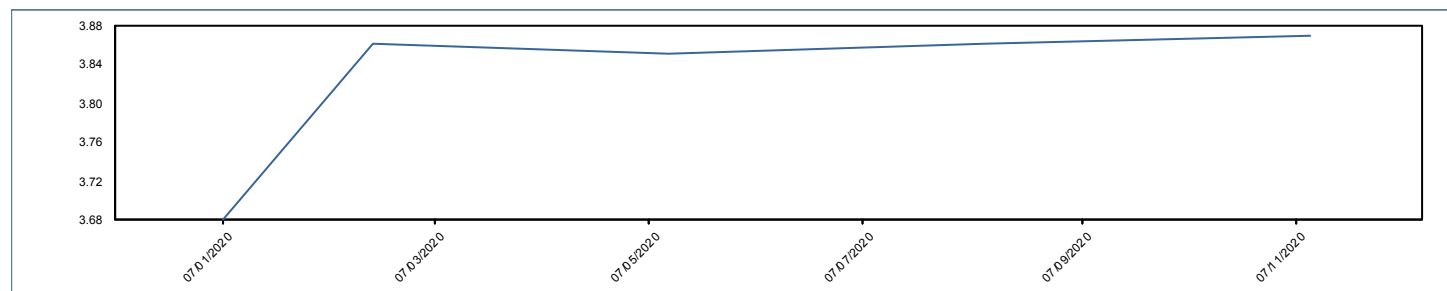
PBT00012

Number of readings

5

Number of breaches

0



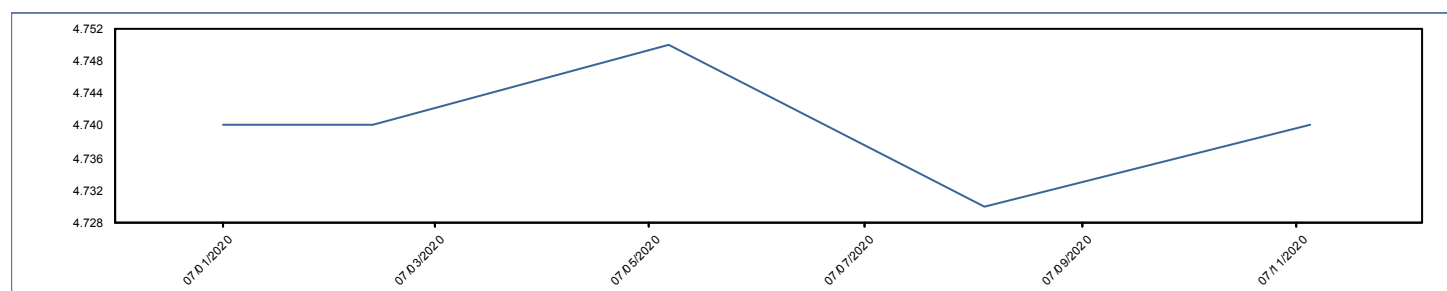
PBT00013

Number of readings

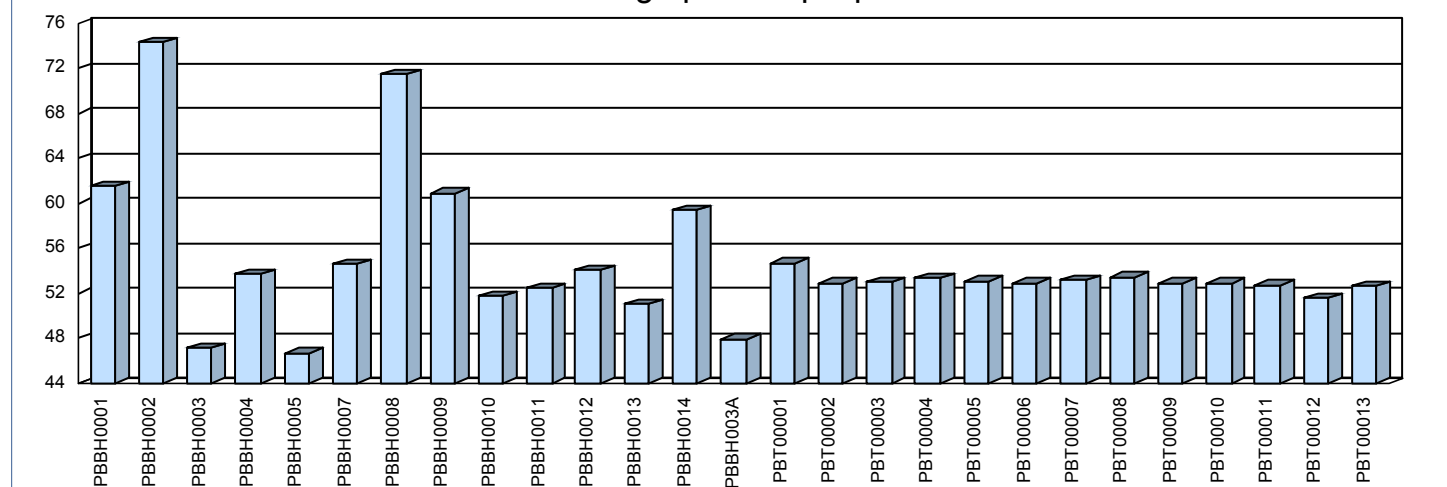
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0001	5	0	60.15	63.33	61.51	307.57	1.12	1.26	63.33
PBBH0002	5	0	73.40	74.85	74.36	371.78	0.53	0.29	74.85
PBBH0003	5	0	46.40	48.33	47.15	235.75	0.66	0.43	48.33
PBBH0004	5	0	53.09	54.17	53.68	268.38	0.38	0.15	54.17
PBBH0005	5	0	45.30	47.95	46.68	233.41	1.01	1.01	47.95
PBBH0007	5	0	53.69	55.10	54.60	272.99	0.50	0.25	55.10
PBBH0008	5	0	69.71	72.68	71.47	357.35	1.03	1.06	72.68

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBBH0009	5	0	59.65	63.03	60.89	304.47	1.13	1.28	63.03
PBBH0010	5	0	49.44	54.25	51.79	258.93	1.60	2.57	54.25
PBBH0011	5	0	52.02	53.01	52.46	262.28	0.35	0.12	53.01
PBBH0012	5	0	53.89	54.09	54.05	270.25	0.08	0.01	54.09
PBBH0013	5	0	49.90	52.15	51.04	255.22	0.81	0.65	52.15
PBBH0014	5	0	57.30	60.63	59.38	296.91	1.30	1.68	60.63
PBBH003A	5	0	47.50	48.50	47.93	239.66	0.36	0.13	48.50
PBT00001	5	0	54.28	55.08	54.73	273.67	0.33	0.11	55.08
PBT00002	4	0	52.30	53.62	52.90	211.60	0.48	0.23	53.62
PBT00003	5	0	52.39	54.03	52.99	264.95	0.58	0.33	54.03
PBT00004	5	0	52.50	54.26	53.32	266.58	0.57	0.32	54.26
PBT00005	5	0	52.42	54.16	53.13	265.64	0.58	0.33	54.16
PBT00006	5	0	52.35	53.95	52.88	264.41	0.56	0.32	53.95
PBT00007	5	0	52.55	54.27	53.18	265.88	0.60	0.36	54.27
PBT00008	5	0	52.57	54.28	53.49	267.45	0.68	0.46	54.28
PBT00009	5	0	52.25	53.45	52.87	264.37	0.46	0.21	53.45
PBT00010	5	0	52.18	53.49	52.92	264.59	0.46	0.22	53.49
PBT00011	5	0	52.32	52.94	52.68	263.41	0.20	0.04	52.94
PBT00012	5	0	50.85	52.14	51.59	257.95	0.50	0.25	52.14
PBT00013	5	0	52.25	52.95	52.66	263.29	0.25	0.06	52.95
Total	134	0	45.30	74.85	54.69	7,328.74	6.19	38.26	72.37

Data from: 1 Jan 2020 to: 31 Dec 2020

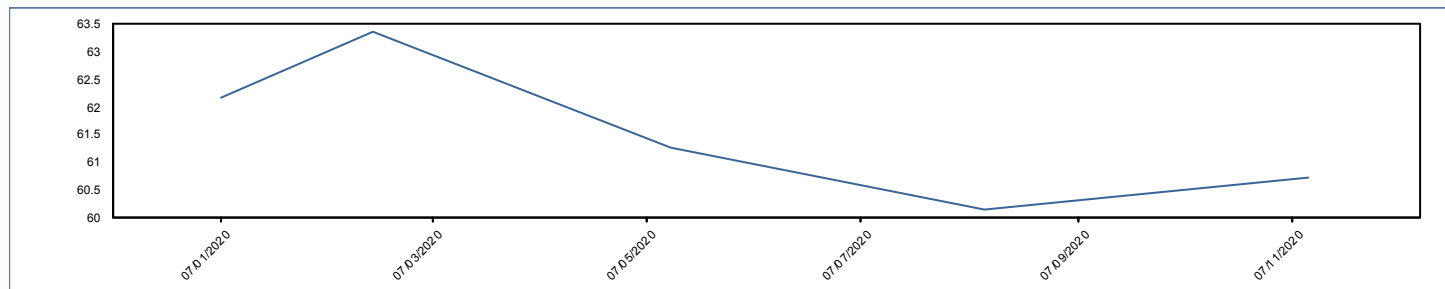
PBBH0001

Number of readings

5

Number of breaches

0



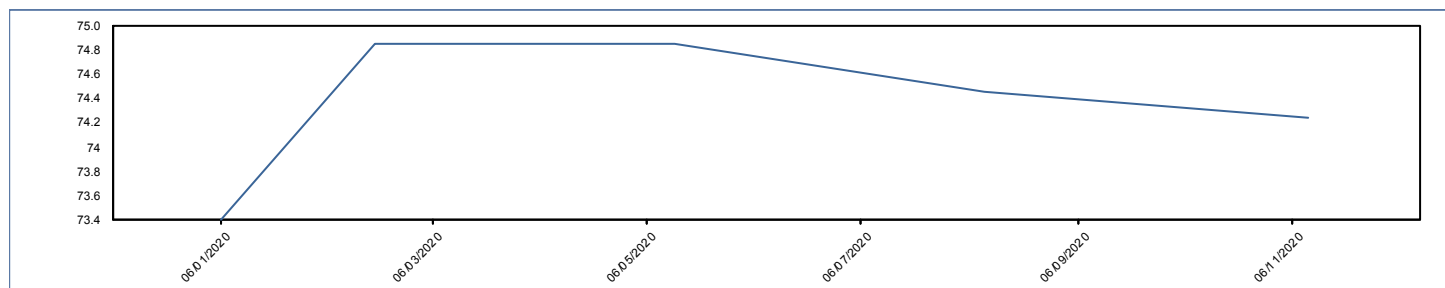
PBBH0002

Number of readings

5

Number of breaches

0



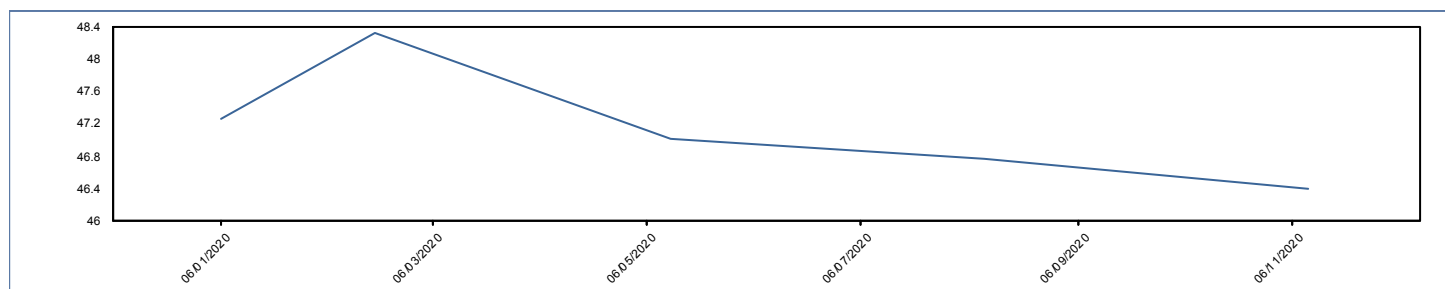
PBBH0003

Number of readings

5

Number of breaches

0



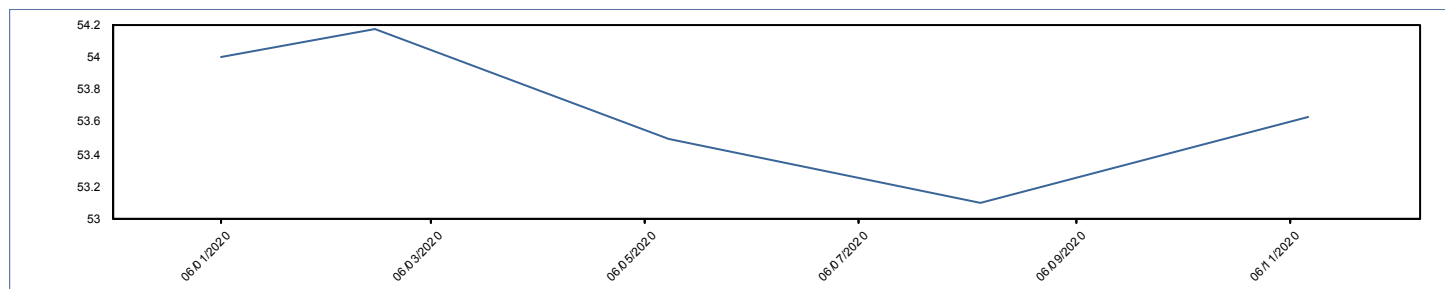
PBBH0004

Number of readings

5

Number of breaches

0



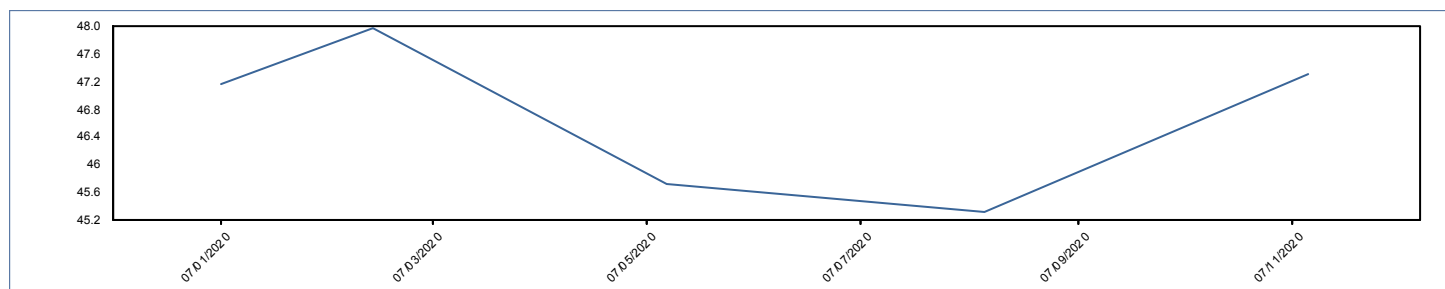
PBBH0005

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

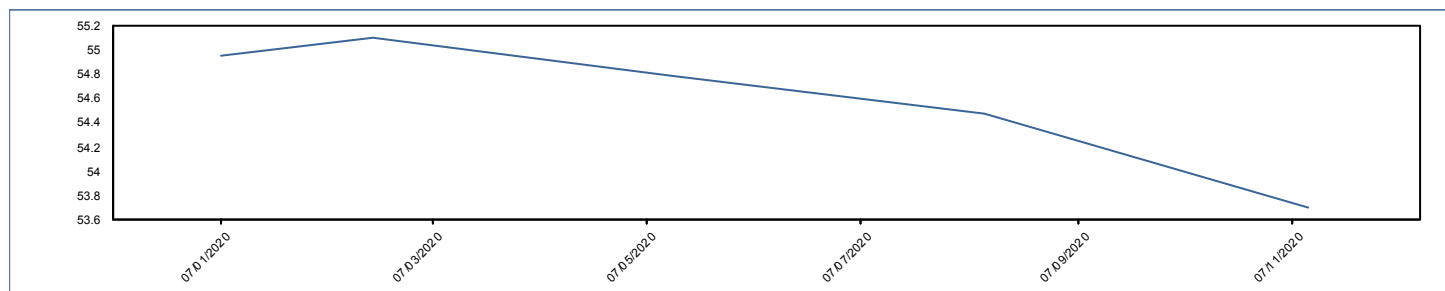
PBBH0007

Number of readings

5

Number of breaches

0



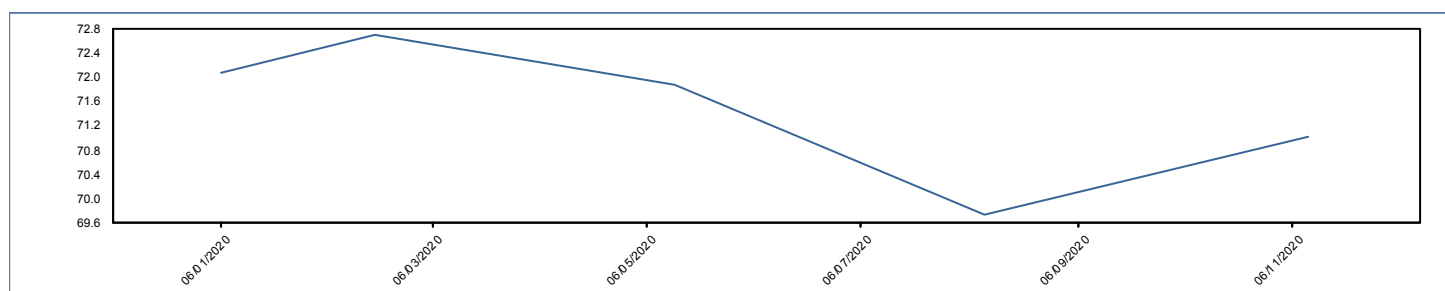
PBBH0008

Number of readings

5

Number of breaches

0



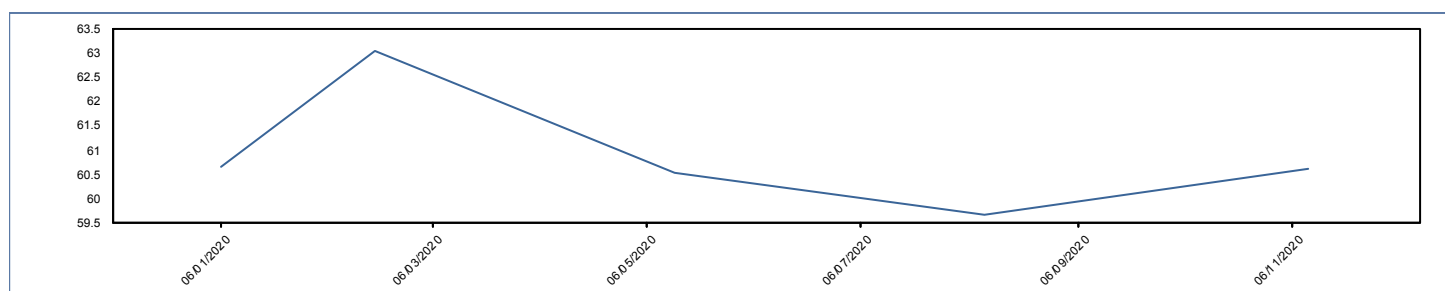
PBBH0009

Number of readings

5

Number of breaches

0



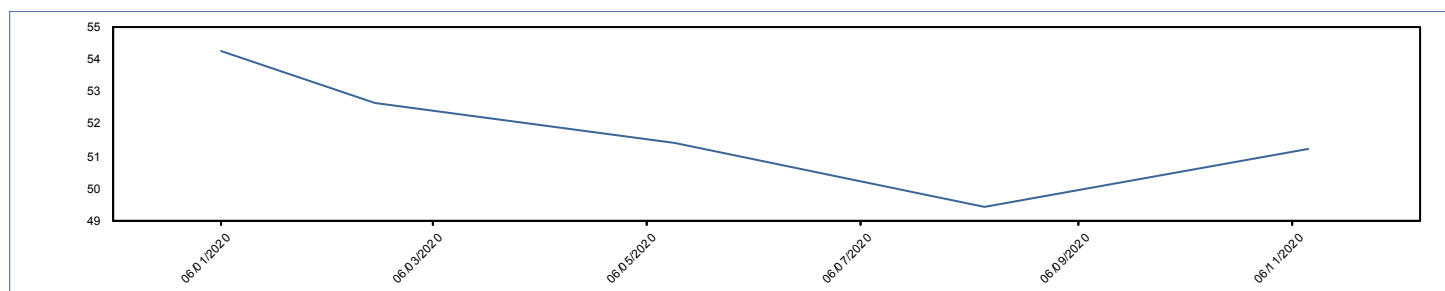
PBBH0010

Number of readings

5

Number of breaches

0



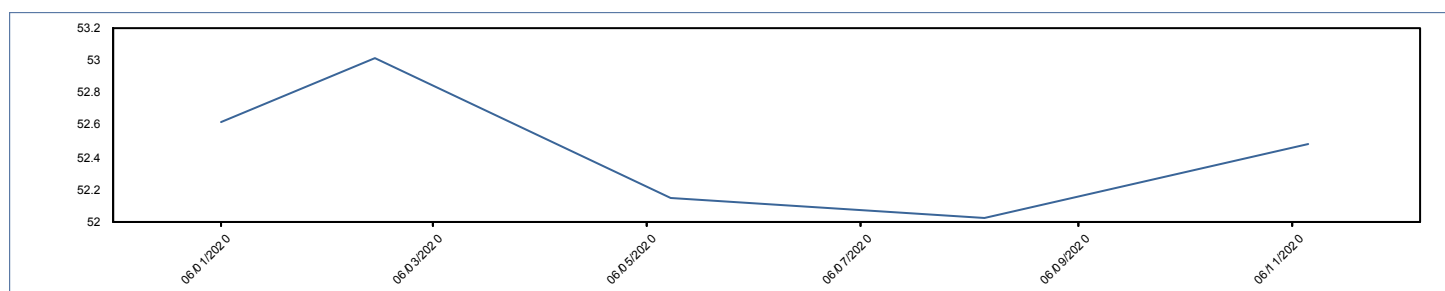
PBBH0011

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

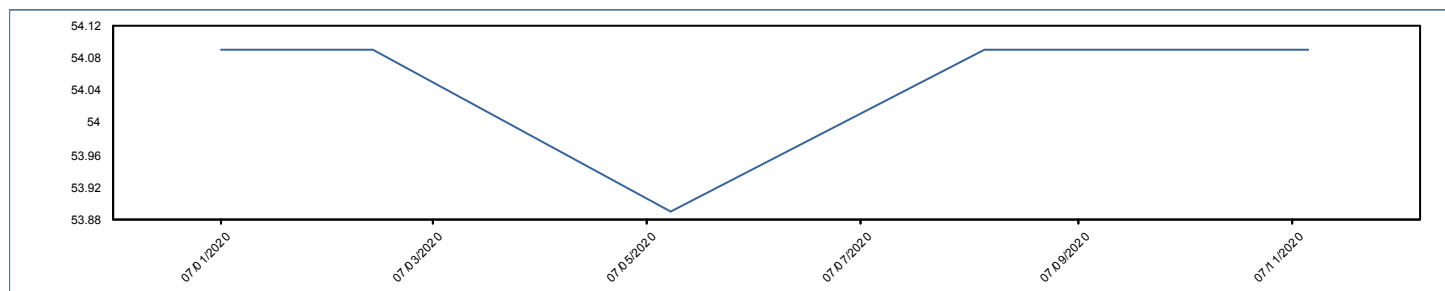
PBBH0012

Number of readings

5

Number of breaches

0



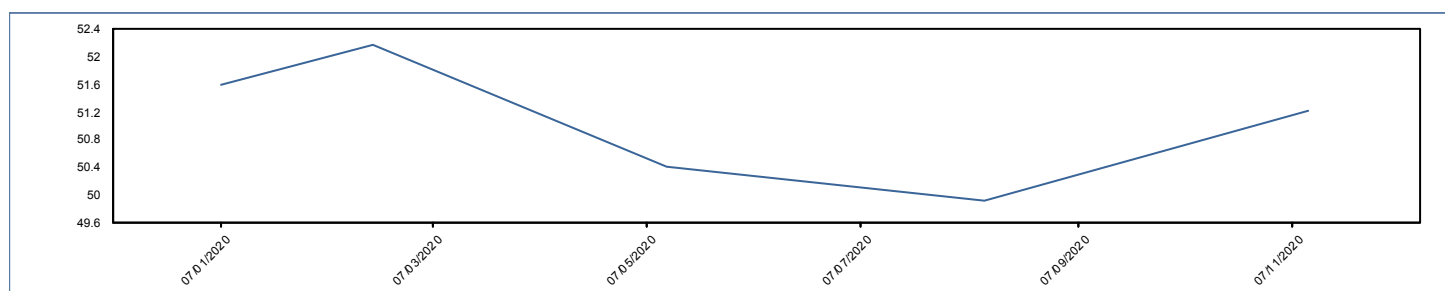
PBBH0013

Number of readings

5

Number of breaches

0



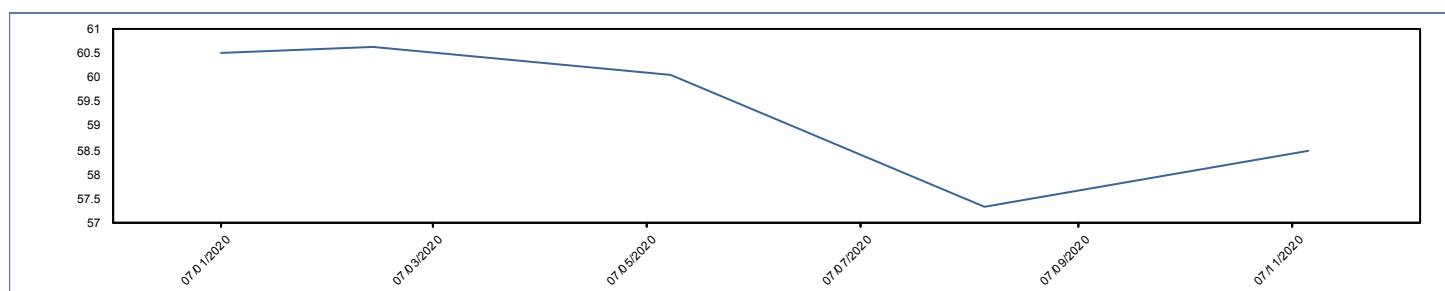
PBBH0014

Number of readings

5

Number of breaches

0



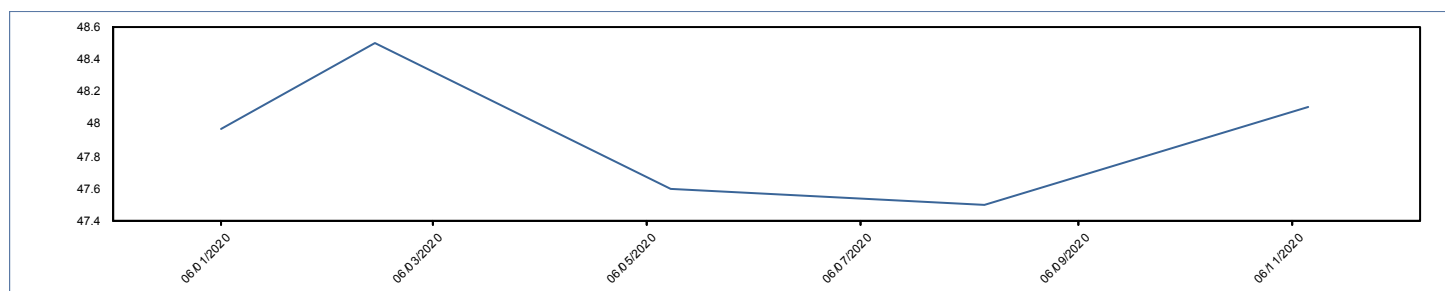
PBBH003A

Number of readings

5

Number of breaches

0



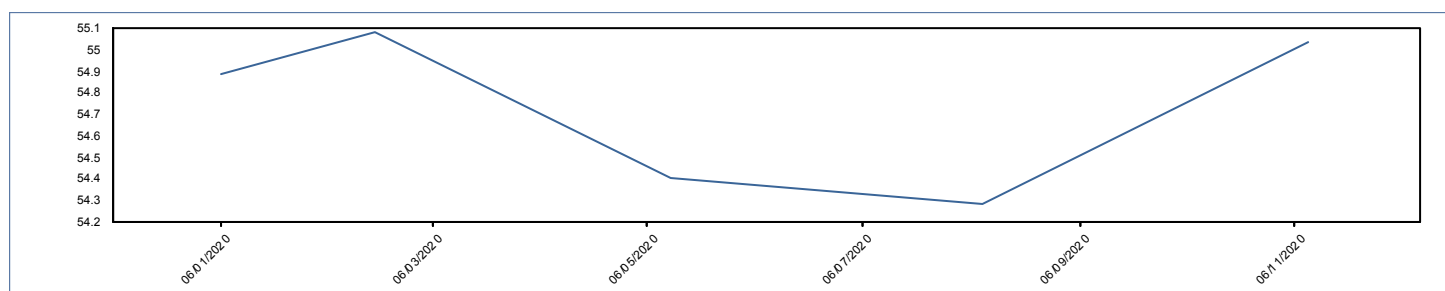
PBT00001

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

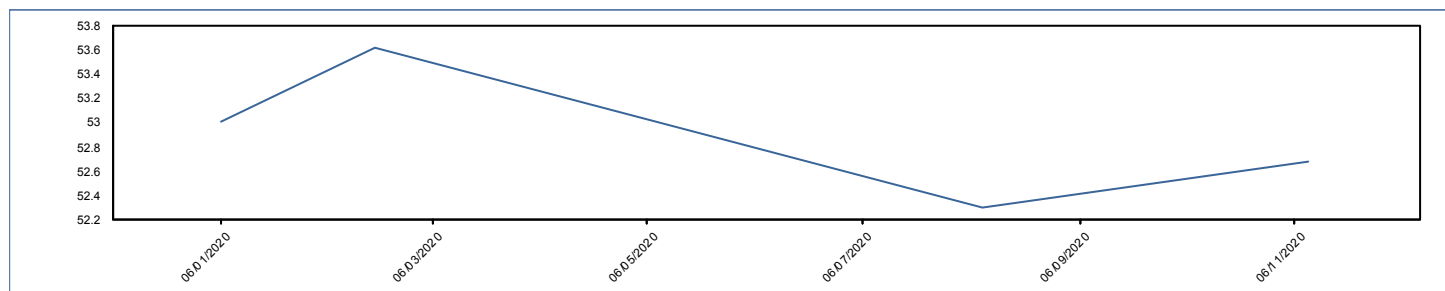
PBT00002

Number of readings

4

Number of breaches

0



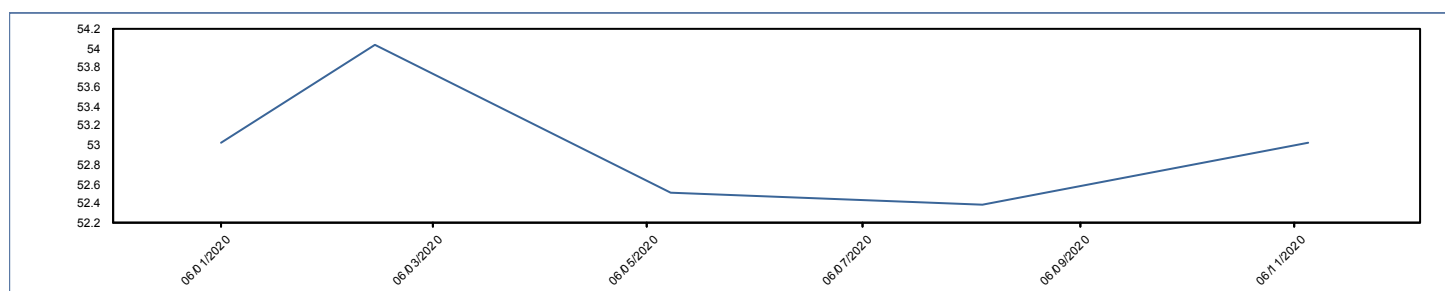
PBT00003

Number of readings

5

Number of breaches

0



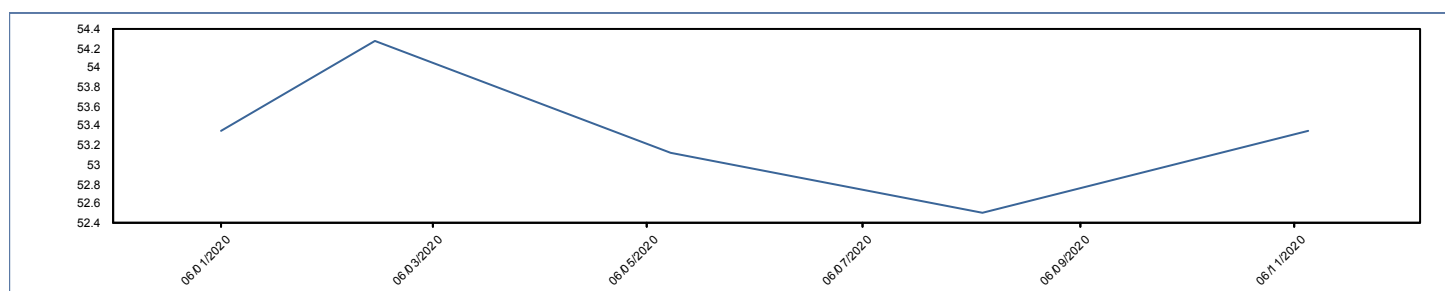
PBT00004

Number of readings

5

Number of breaches

0



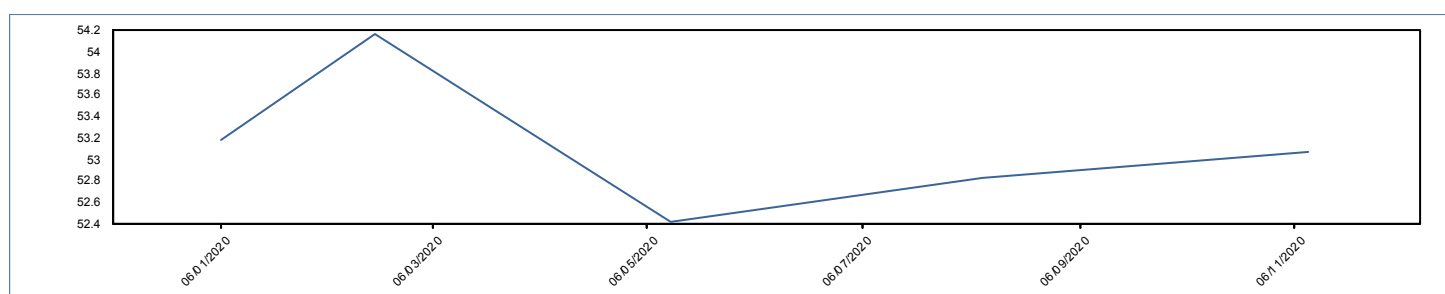
PBT00005

Number of readings

5

Number of breaches

0



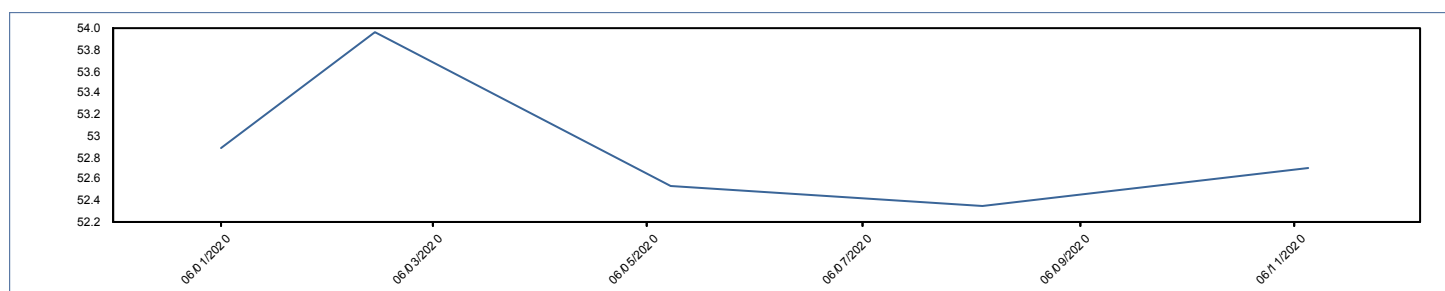
PBT00006

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

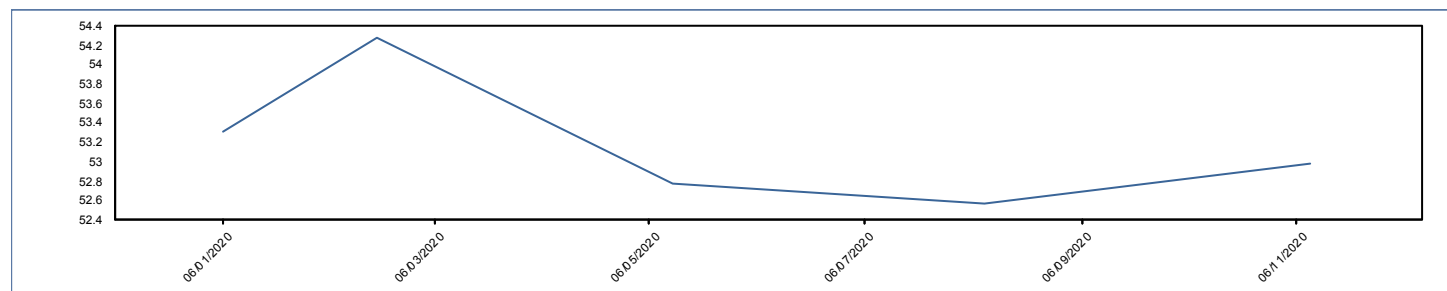
PBT00007

Number of readings

5

Number of breaches

0



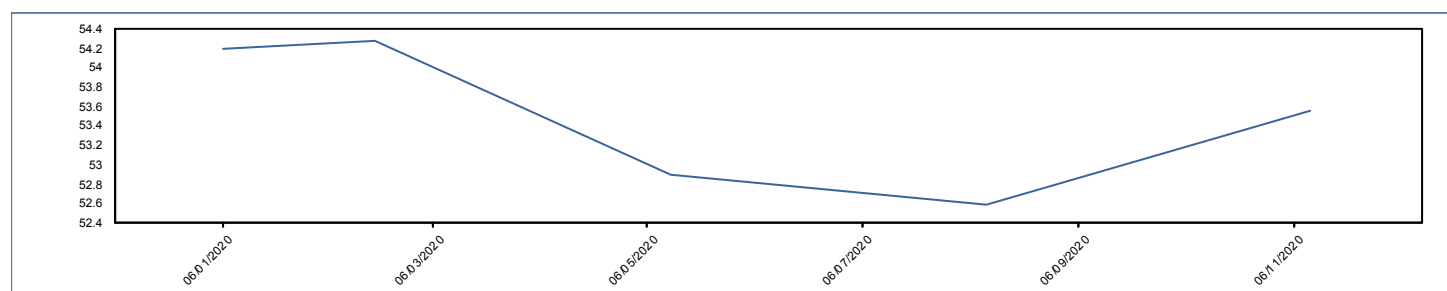
PBT00008

Number of readings

5

Number of breaches

0



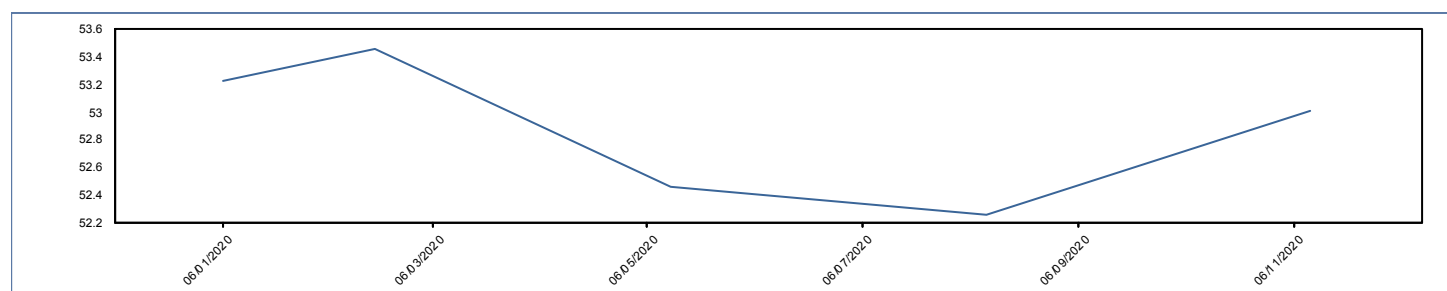
PBT00009

Number of readings

5

Number of breaches

0



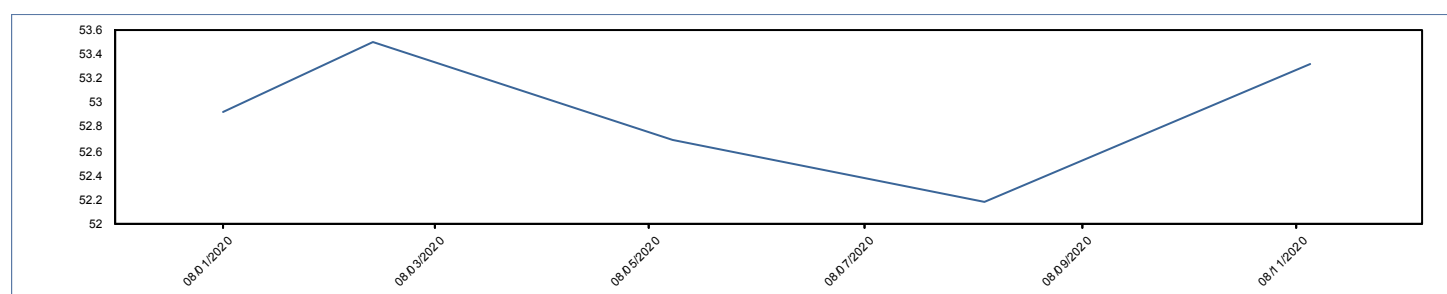
PBT00010

Number of readings

5

Number of breaches

0



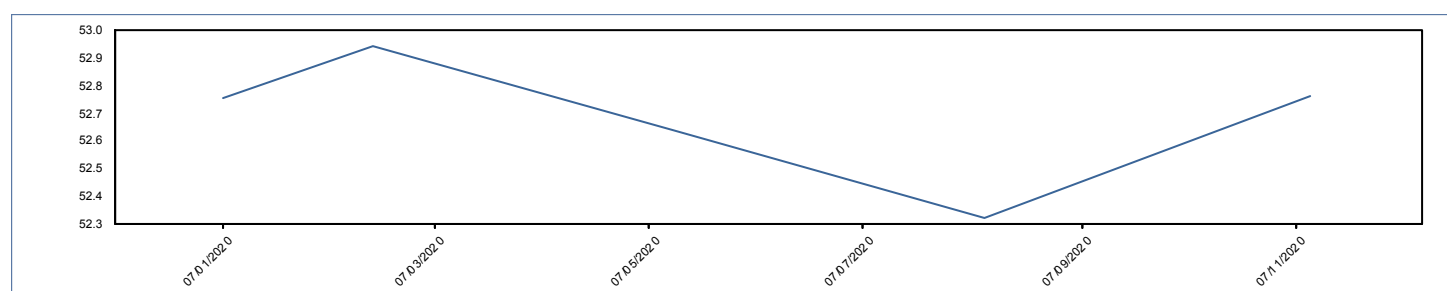
PBT00011

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

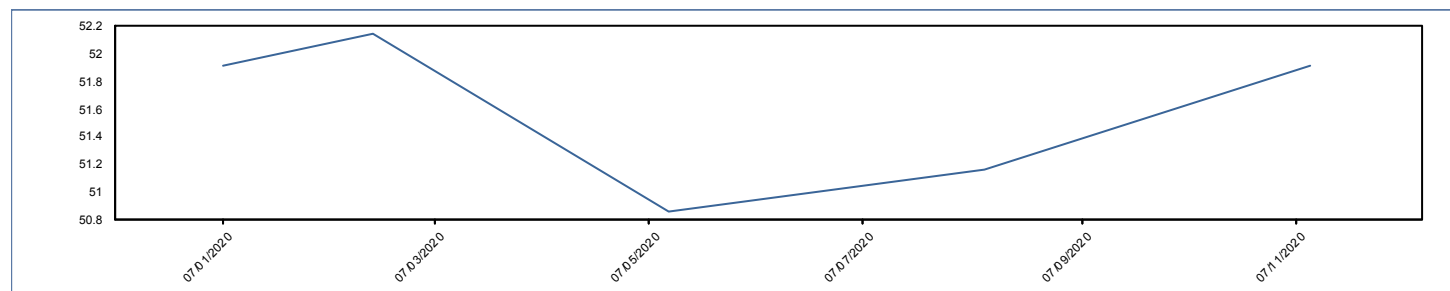
PBT00012

Number of readings

5

Number of breaches

0



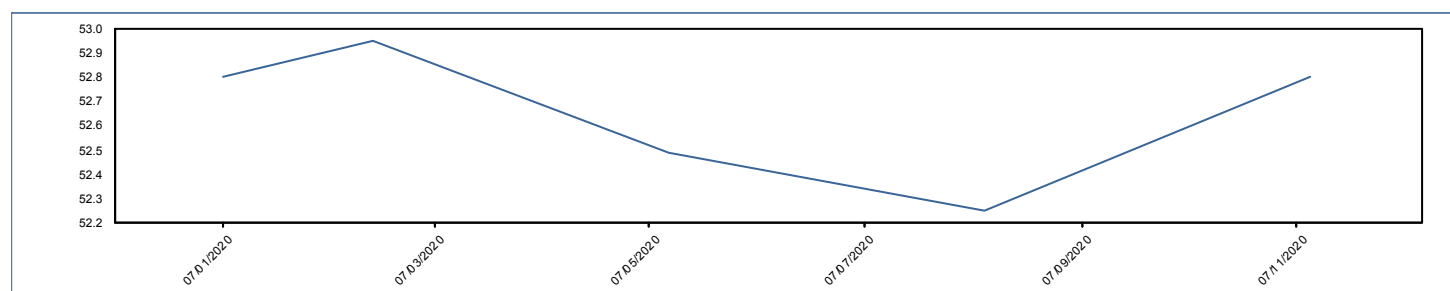
PBT00013

Number of readings

5

Number of breaches

0



Environmental Monitoring Report

Report period from: 01/01/2020 to 31/12/2020

Summary of contents: count of records by site and suite

	Total	NW Water Quality
Total	1254	1254
Pen-Y-Bont	1254	1254

This report presents monitoring results for the period shown above.
It groups records firstly by site, then for each suite of variables selected - presents:

- Statistical summary table for each sample point
- A table of raw data grouped by sample point

Summary statistics

Pen-Y-Bont

NW Water Quality

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBBH0004	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	512.00	0.70	1.00	2.90	71.00	0.00	178.00	14.00	1,540.00	1,580.00	0.00	0.00
	Min	472.00	0.01	1.00	1.00	13.00	0.00	109.00	8.00	1,430.00	1,381.00	0.00	0.00
	Mean	490.67	0.27	1.00	1.66	43.00	0.00	133.40	9.60	1,484.00	1,473.20	0.00	0.00
	Median	488.00	0.30	1.00	1.40	45.00	0.00	121.00	9.00	1,500.00	1,467.00	0.00	0.00
	Std Dev	20.13	0.28	0.00	0.80	29.05	0.00	27.34	2.51	47.22	74.88	0.00	0.00
	Variance	405.33	0.08	0.00	0.65	844.00	0.00	747.30	6.30	2,230.00	5,607.70	0.00	0.00
PBBH0007	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	366.00	0.40	1.00	37.70	45.00	0.00	89.00	6.00	1,690.00	1,086.00	0.00	0.00
	Min	349.00	0.30	1.00	2.20	30.00	0.00	68.00	5.00	1,050.00	999.00	0.00	0.00
	Mean	360.00	0.34	1.00	17.36	38.67	0.00	81.60	5.20	1,200.00	1,031.20	0.00	0.00
	Median	365.00	0.30	1.00	14.30	41.00	0.00	86.00	5.00	1,090.00	1,032.00	0.00	0.00
	Std Dev	9.54	0.05	0.00	15.43	7.77	0.00	8.96	0.45	274.59	34.40	0.00	0.00
	Variance	91.00	0.00	0.00	238.21	60.33	0.00	80.30	0.20	75,400.00	1,183.70	0.00	0.00
PBBH0008	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	305.00	0.11	1.00	2.00	17.00	0.00	20.00	5.00	671.00	829.00	0.00	0.00
	Min	290.00	0.01	1.00	1.00	14.00	0.00	19.00	5.00	651.00	614.00	0.00	0.00
	Mean	296.33	0.04	1.00	1.62	16.00	0.00	19.40	5.00	658.80	685.40	0.00	0.00
	Median	294.00	0.02	1.00	1.90	17.00	0.00	19.00	5.00	656.00	664.00	0.00	0.00
	Std Dev	7.77	0.04	0.00	0.48	1.73	0.00	0.55	0.00	7.69	84.06	0.00	0.00
	Variance	60.33	0.00	0.00	0.23	3.00	0.00	0.30	0.00	59.20	7,066.80	0.00	0.00
PBBH0009	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	326.00	0.02	1.00	1.90	146.00	0.00	22.00	5.00	1,320.00	1,149.00	0.00	0.00
	Min	204.00	0.01	1.00	1.00	95.00	0.00	17.00	5.00	906.00	880.00	0.00	0.00
	Mean	284.67	0.01	1.00	1.38	124.67	0.00	19.40	5.00	1,112.20	1,007.40	0.00	0.00
	Median	324.00	0.01	1.00	1.30	133.00	0.00	19.00	5.00	1,150.00	990.00	0.00	0.00
	Std Dev	69.87	0.00	0.00	0.41	26.50	0.00	2.07	0.00	163.49	120.65	0.00	0.00
	Variance	4,881.33	0.00	0.00	0.17	702.33	0.00	4.30	0.00	26,729.20	14,555.30	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 5.20 3.00 3.98 4.30 0.93 0.86	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 10.00 8.00 8.67 8.00 1.15 1.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 9.00 2.00 5.33 5.00 3.51 12.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 8.40 7.60 7.96 8.00 0.32 0.10
5 1.00 0.40 0.60 0.40 0.28 0.08	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 11.00 8.00 9.33 9.00 1.53 2.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 10.00 8.00 9.00 9.00 1.00 1.00	1 0.02 0.02 0.02 0.02 0.00 0.00	1 0.08 0.08 0.08 0.08 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.90 7.80 7.88 7.90 0.04 0.00
5 4.90 3.00 4.20 4.30 0.71 0.51	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.05 0.05 0.05 0.05 0.00 0.00	3 9.00 8.00 8.67 9.00 0.58 0.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 5.00 4.00 4.67 5.00 0.58 0.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.80 7.40 7.56 7.50 0.18 0.03
5 8.60 2.40 5.40 5.40 2.21 4.90	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 13.00 5.00 9.67 11.00 4.16 17.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 35.00 24.00 29.67 30.00 5.51 30.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.80 7.20 7.46 7.50 0.23 0.05

pH(Fld)	Purge Vol. (litres)	S Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WirTemp (Deg C)	Zn(D) (mg/l)
5 8.40 7.20 7.76 7.60 0.56 0.31	0 0.00 0.00 0.00 0.00 0.00 0.00	5 68.00 5.00 24.20 9.00 26.58 706.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 6.50 2.00 4.03 3.60 2.28 5.20	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.90 0.30 0.60 0.60 0.30 0.09	1 0.00 0.00 0.00 0.00 0.00 0.00	1 115.00 115.00 115.00 115.00 0.00 0.00	5 13.30 8.10 10.28 8.70 2.46 6.06	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.60 7.60 8.06 8.00 0.40 0.16	1 106.62 106.62 106.62 106.62 0.00 0.00	5 32.00 13.00 22.20 20.00 7.69 59.20	2 0.04 0.02 0.03 0.03 0.01 0.00	3 1.80 0.81 1.24 1.10 0.51 0.26	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 82.00 82.00 82.00 82.00 0.00 0.00	5 12.60 10.90 11.74 11.70 0.72 0.51	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.50 7.70 8.04 8.10 0.31 0.10	1 264.60 264.60 264.60 264.60 0.00 0.00	5 19.00 5.00 10.60 11.00 5.59 31.30	2 0.03 0.02 0.03 0.03 0.01 0.00	3 0.88 0.33 0.58 0.53 0.28 0.08	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 18.00 18.00 18.00 18.00 0.00 0.00	5 13.40 9.80 11.26 11.00 1.37 1.87	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.80 7.30 7.56 7.50 0.23 0.05	1 132.01 132.01 132.01 132.01 0.00 0.00	5 71.00 7.00 37.80 32.00 26.70 712.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 2.60 1.10 1.63 1.20 0.84 0.70	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.80 0.20 0.53 0.60 0.31 0.09	1 0.00 0.00 0.00 0.00 0.00 0.00	1 242.00 242.00 242.00 242.00 0.00 0.00	5 13.30 10.20 11.88 11.60 1.31 1.72	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBBH0010	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	327.00	0.60	1.00	2.40	165.00	0.00	19.00	5.00	1,010.00	982.00	0.00	0.00
	Min	247.00	0.01	1.00	1.00	49.00	0.00	17.00	5.00	786.00	695.00	0.00	0.00
	Mean	300.33	0.15	1.00	1.60	89.33	0.00	18.20	5.00	868.40	846.20	0.00	0.00
	Median	327.00	0.01	1.00	1.40	54.00	0.00	18.00	5.00	872.00	874.00	0.00	0.00
	Std Dev	46.19	0.26	0.00	0.58	65.58	0.00	0.84	0.00	89.70	108.57	0.00	0.00
	Variance	2,133.33	0.07	0.00	0.34	4,300.33	0.00	0.70	0.00	8,046.80	11,788.20	0.00	0.00
PBBH0012	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	926.00	3.30	1.00	28.50	373.00	0.00	433.00	16.00	6,790.00	7,450.00	0.00	0.00
	Min	274.00	3.00	1.00	3.50	345.00	0.00	373.00	8.00	6,580.00	5,310.00	0.00	0.00
	Mean	680.33	3.16	1.00	9.48	354.67	0.00	398.80	13.00	6,684.00	6,158.60	0.00	0.00
	Median	841.00	3.20	1.00	5.70	346.00	0.00	397.00	14.00	6,670.00	6,200.00	0.00	0.00
	Std Dev	354.45	0.11	0.00	10.68	15.89	0.00	21.91	3.00	85.91	900.34	0.00	0.00
	Variance	125,636.33	0.01	0.00	114.03	252.33	0.00	480.20	9.00	7,380.00	810,614.80	0.00	0.00
PBBH0013	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	462.00	0.80	1.00	1.90	190.00	0.00	103.00	18.00	2,610.00	2,630.00	0.00	0.00
	Min	431.00	0.40	1.00	1.00	42.00	0.00	85.00	5.00	2,380.00	2,240.00	0.00	0.00
	Mean	445.33	0.66	1.00	1.18	111.67	0.00	93.20	13.60	2,488.00	2,484.60	0.00	0.00
	Median	443.00	0.70	1.00	1.00	103.00	0.00	91.00	15.00	2,460.00	2,510.00	0.00	0.00
	Std Dev	15.63	0.17	0.00	0.40	74.38	0.00	6.72	5.03	91.49	153.76	0.00	0.00
	Variance	244.33	0.03	0.00	0.16	5,532.33	0.00	45.20	25.30	8,370.00	23,640.80	0.00	0.00
PBBH0014	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	470.00	0.50	1.00	5.60	229.00	0.00	130.00	13.00	1,860.00	1,891.00	0.00	0.00
	Min	384.00	0.01	1.00	2.00	193.00	0.00	84.00	5.00	1,620.00	1,563.00	0.00	0.00
	Mean	421.33	0.22	1.00	3.54	215.00	0.00	107.60	9.40	1,728.00	1,647.20	0.00	0.00
	Median	410.00	0.20	1.00	3.60	223.00	0.00	119.00	9.00	1,700.00	1,578.00	0.00	0.00
	Std Dev	44.11	0.19	0.00	1.33	19.29	0.00	21.94	2.97	96.28	139.39	0.00	0.00
	Variance	1,945.33	0.04	0.00	1.76	372.00	0.00	481.30	8.80	9,270.00	19,428.70	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Napthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 6.80 2.30 4.02 3.70 1.79 3.22	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 15.00 3.00 10.33 13.00 6.43 41.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 22.00 13.00 16.33 14.00 4.93 24.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.70 7.00 7.34 7.40 0.33 0.11
5 0.60 0.20 0.38 0.40 0.15 0.02	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 68.00 59.00 62.33 60.00 4.93 24.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 94.00 90.00 92.00 92.00 2.00 4.00	1 8.90 8.90 8.90 8.90 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.20 6.70 6.94 7.00 0.23 0.05
5 3.80 2.10 3.14 3.20 0.64 0.41	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 18.00 14.00 16.00 16.00 2.00 4.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 26.00 7.00 16.00 15.00 9.54 91.00	1 0.29 0.29 0.29 0.29 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.60 7.20 7.34 7.30 0.17 0.03
5 6.10 0.50 2.90 3.50 2.37 5.62	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 9.00 5.00 7.00 7.00 2.00 4.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 37.00 26.00 32.00 33.00 5.57 31.00	1 4.31 4.31 4.31 4.31 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.60 6.90 7.20 7.20 0.27 0.08

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 7.70 7.00 7.42 7.50 0.28 0.08	1 83.23 83.23 83.23 83.23 0.00 0.00	5 61.00 12.00 37.20 42.00 20.32 412.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 2.60 0.43 1.28 0.80 1.16 1.35	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.50 0.20 0.37 0.40 0.15 0.02	1 0.00 0.00 0.00 0.00 0.00 0.00	1 270.00 270.00 270.00 270.00 0.00 0.00	5 12.00 10.10 10.94 10.50 0.93 0.87	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.80 7.10 7.38 7.30 0.31 0.10	2 103.97 34.99 69.48 69.48 48.78 2,379.12	5 2,660.00 363.00 1,856.60 2,130.00 926.55 858,487.80	2 3.57 0.13 1.85 1.85 2.43 5.92	3 5.70 4.40 5.13 5.30 0.67 0.44	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 3,350.00 3,350.00 3,350.00 3,350.00 0.00 0.00	5 13.50 9.70 11.06 10.60 1.55 2.41	1 0.12 0.12 0.12 0.12 0.00 0.00
5 7.60 6.90 7.20 7.20 0.27 0.08	2 27.82 26.25 27.04 27.04 1.11 1.23	5 168.00 24.00 56.80 30.00 62.27 3,877.20	2 0.06 0.02 0.04 0.04 0.03 0.00	3 6.10 5.10 5.73 6.00 0.55 0.30	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.70 0.20 0.37 0.20 0.29 0.08	1 0.00 0.00 0.00 0.00 0.00 0.00	1 685.00 685.00 685.00 685.00 0.00 0.00	5 12.90 9.90 10.88 10.50 1.16 1.35	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.90 7.30 7.62 7.70 0.26 0.07	2 135.78 42.20 88.99 88.99 66.17 4,378.61	5 49.00 6.00 29.00 22.00 19.22 369.50	2 0.21 0.04 0.13 0.13 0.12 0.01	3 3.60 2.80 3.17 3.10 0.40 0.16	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.40 0.20 0.27 0.20 0.12 0.01	1 0.00 0.00 0.00 0.00 0.00 0.00	1 396.00 396.00 396.00 396.00 0.00 0.00	5 12.70 9.10 11.22 11.20 1.34 1.79	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Std) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBT00002	Count	2	4	1	4	2	1	4	4	4	4	2	1
	Max	155.00	0.01	1.00	1.90	201.00	0.00	15.00	11.00	1,650.00	1,582.00	0.00	0.00
	Min	116.00	0.01	1.00	1.00	186.00	0.00	11.00	5.00	1,210.00	1,178.00	0.00	0.00
	Mean	135.50	0.01	1.00	1.23	193.50	0.00	12.50	8.75	1,360.00	1,378.50	0.00	0.00
	Median	135.50	0.01	1.00	1.00	193.50	0.00	12.00	9.50	1,290.00	1,377.00	0.00	0.00
	Std Dev	27.58	0.00	0.00	0.45	10.61	0.00	1.73	2.87	199.67	230.39	0.00	0.00
	Variance	760.50	0.00	0.00	0.20	112.50	0.00	3.00	8.25	39,866.67	53,078.33	0.00	0.00
PBT00004	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	276.00	0.02	1.00	1.90	170.00	0.00	48.00	9.00	1,120.00	1,029.00	0.00	0.00
	Min	156.00	0.01	1.00	1.00	135.00	0.00	23.00	5.00	875.00	883.00	0.00	0.00
	Mean	203.00	0.01	1.00	1.18	147.67	0.00	34.00	7.00	982.40	969.00	0.00	0.00
	Median	177.00	0.01	1.00	1.00	138.00	0.00	29.00	7.00	939.00	960.00	0.00	0.00
	Std Dev	64.09	0.00	0.00	0.40	19.40	0.00	11.25	1.41	110.68	61.51	0.00	0.00
	Variance	4,107.00	0.00	0.00	0.16	376.33	0.00	126.50	2.00	12,250.30	3,783.50	0.00	0.00
PBT00006	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	399.00	0.01	1.00	1.40	283.00	0.00	44.00	14.00	1,460.00	1,428.00	0.00	0.00
	Min	276.00	0.01	1.00	1.00	161.00	0.00	24.00	5.00	984.00	1,057.00	0.00	0.00
	Mean	346.67	0.01	1.00	1.08	205.00	0.00	32.80	11.40	1,208.80	1,194.00	0.00	0.00
	Median	365.00	0.01	1.00	1.00	171.00	0.00	30.00	13.00	1,200.00	1,133.00	0.00	0.00
	Std Dev	63.52	0.00	0.00	0.18	67.73	0.00	8.41	3.65	171.08	145.65	0.00	0.00
	Variance	4,034.33	0.00	0.00	0.03	4,588.00	0.00	70.70	13.30	29,267.20	21,214.00	0.00	0.00
PBT00012	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	275.00	1.00	1.00	2.80	371.00	0.00	87.00	16.00	2,070.00	1,801.00	0.00	0.00
	Min	183.00	0.01	1.00	1.00	217.00	0.00	55.00	5.00	1,380.00	1,299.00	0.00	0.00
	Mean	244.33	0.24	1.00	1.76	296.33	0.00	72.60	12.20	1,722.00	1,564.20	0.00	0.00
	Median	275.00	0.09	1.00	2.00	301.00	0.00	80.00	14.00	1,820.00	1,542.00	0.00	0.00
	Std Dev	53.12	0.43	0.00	0.77	77.11	0.00	14.54	4.44	278.78	214.65	0.00	0.00
	Variance	2,821.33	0.18	0.00	0.59	5,945.33	0.00	211.30	19.70	77,720.00	46,072.70	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Napthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
4 7.10 2.30 4.58 4.45 2.43 5.90	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	2 11.00 9.00 10.00 10.00 1.41 2.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	2 52.00 43.00 47.50 47.50 6.36 40.50	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	2 0.00 0.00 0.00 0.00 0.00 0.00	4 7.20 6.90 7.05 7.05 0.13 0.02
5 6.80 2.90 5.56 5.90 1.55 2.41	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 5.00 4.00 4.33 4.00 0.58 0.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 23.00 21.00 22.00 22.00 1.00 1.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.30 7.00 7.12 7.00 0.16 0.03
5 8.60 2.90 5.60 5.00 2.20 4.84	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 7.00 4.00 5.33 5.00 1.53 2.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 35.00 22.00 26.33 22.00 7.51 56.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.60 6.90 7.22 7.30 0.28 0.08
5 4.40 1.50 3.62 4.20 1.22 1.48	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 8.00 5.00 6.33 6.00 1.53 2.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 50.00 31.00 41.00 42.00 9.54 91.00	1 0.22 0.22 0.22 0.22 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.00 6.40 6.68 6.60 0.30 0.09

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
4 8.50 7.10 7.70 7.60 0.61 0.37	0 0.00 0.00 0.00 0.00 0.00 0.00	4 46.00 14.00 26.50 23.00 14.06 197.67	1 0.02 0.02 0.02 0.02 0.00 0.00	2 3.30 2.90 3.10 3.10 0.28 0.08	1 1.00 1.00 1.00 1.00 0.00 0.00	2 1.10 0.70 0.90 0.90 0.28 0.08	1 0.00 0.00 0.00 0.00 0.00 0.00	1 607.00 607.00 607.00 607.00 0.00 0.00	4 13.60 6.40 9.85 9.70 3.29 10.83	1 0.01 0.01 0.01 0.01 0.00 0.00
5 7.90 7.00 7.48 7.40 0.41 0.17	1 11.77 11.77 11.77 11.77 0.00 0.00	5 32.00 7.00 17.40 15.00 9.40 88.30	2 0.03 0.02 0.03 0.03 0.01 0.00	3 2.90 2.10 2.47 2.40 0.40 0.16	1 1.00 1.00 1.00 1.00 0.00 0.00	3 1.20 0.40 0.90 1.10 0.44 0.19	1 0.00 0.00 0.00 0.00 0.00 0.00	1 227.00 227.00 227.00 227.00 0.00 0.00	5 13.60 7.00 10.20 9.80 2.57 6.62	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.90 6.80 7.36 7.30 0.44 0.20	0 0.00 0.00 0.00 0.00 0.00 0.00	5 40.00 7.00 19.20 19.00 12.74 162.20	2 0.02 0.02 0.02 0.02 0.00 0.00	3 5.10 4.10 4.60 4.60 0.50 0.25	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.70 0.20 0.50 0.60 0.26 0.07	1 0.00 0.00 0.00 0.00 0.00 0.00	1 216.00 216.00 216.00 216.00 0.00 0.00	5 13.40 7.60 9.88 9.10 2.31 5.36	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.50 6.80 7.24 7.30 0.27 0.07	2 21.83 10.81 16.32 16.32 7.79 60.72	5 41.00 8.00 23.60 21.00 12.28 150.80	2 0.03 0.02 0.03 0.03 0.01 0.00	3 5.20 4.60 4.87 4.80 0.31 0.09	1 1.00 1.00 1.00 1.00 0.00 0.00	3 1.00 0.70 0.80 0.70 0.17 0.03	1 0.00 0.00 0.00 0.00 0.00 0.00	1 481.00 481.00 481.00 481.00 0.00 0.00	5 12.60 8.00 10.24 11.10 1.97 3.86	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBT00013	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	349.00	1.90	1.00	9.50	228.00	0.00	56.00	14.00	1,810.00	2,060.00	0.00	0.00
	Min	300.00	0.60	1.00	1.20	217.00	0.00	36.00	5.00	1,650.00	1,482.00	0.00	0.00
	Mean	329.67	1.24	1.00	4.50	222.00	0.00	45.80	8.80	1,726.00	1,773.00	0.00	0.00
	Median	340.00	1.20	1.00	3.30	221.00	0.00	50.00	7.00	1,720.00	1,747.00	0.00	0.00
	Std Dev	26.08	0.47	0.00	3.23	5.57	0.00	9.23	4.38	61.89	215.77	0.00	0.00
	Variance	680.33	0.22	0.00	10.42	31.00	0.00	85.20	19.20	3,830.00	46,556.50	0.00	0.00

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5	0	5	2	3	1	3	1	1	5	1
7.50	0.00	109.00	0.02	4.90	1.00	0.30	0.00	619.00	12.40	0.01
6.80	0.00	31.00	0.02	3.50	1.00	0.20	0.00	619.00	8.80	0.01
7.14	0.00	63.20	0.02	4.43	1.00	0.23	0.00	619.00	10.32	0.01
7.20	0.00	50.00	0.02	4.90	1.00	0.20	0.00	619.00	10.10	0.01
0.33	0.00	31.45	0.00	0.81	0.00	0.06	0.00	0.00	1.53	0.00
0.11	0.00	989.20	0.00	0.65	0.00	0.00	0.00	0.00	2.35	0.00

Monitoring data

Pen-Y-Bont

NW Water Quality

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Std) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0004	6/1/20		0.3		<2.0			121	8	1430	1434			4.3		
	18/2/20	472	0.7		<2.9	71		109	14	1440		<0.001		3.0		
	19/2/20										1580					
	13/5/20	488	0.3		<1.0	45		119	9	1510	1381	<0.001		4.3		
	10/8/20		0.04		<1.4			140	9	1500	1467			3.1		
	11/11/20	512	<0.01	<1	<1	13	<0.00002	178	8	1540		<0.001	<0.001	5.2	<1	0.02
	11/11/20										1504					
PBBH0007	6/1/20		0.3		<14.3			77	<5	1050				0.4		
	7/1/20										1034					
	18/2/20	365	0.3		<28.5	45		68	<5	1070		<0.001		0.4		
	19/2/20										1032					
	13/5/20	349	0.4		4.1	30		89	5	1100		<0.001		1.0		
	14/5/20										999					
	11/8/20		0.4		37.7			86	6	1090	1005			0.4		
	10/11/20	366	0.3	<1	2.2	41	<0.00002	88	<5	1690		<0.001	<0.001	0.8	<1	0.02
	11/11/20										1086					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
										7.6	7.3		8				
10			9						<0.001	8.4			68		6.5		0.6
											7.6						
8			5						<0.001	7.7	7.2		9	<0.02	3.6		0.3
										8	8.4		31				
8	<1	<0.02	2	<0.002	<0.01	<0.001	<0.03	<1	<0.001	8.1			5	<0.02	2	<1	0.9
											8.3						
										7.9			13				
											8						
9			9						<0.001	7.8			32		1.8		0.3
											8.6						
8			8						<0.001	7.9			18	<0.02	1.1		<0.2
											7.8	106.62					
										7.9	8.3		28				
11	<1	<0.02	10	0.015	0.08	<0.001	<0.03	<1	<0.001	7.9			20	0.04	0.81	<1	<0.2
											7.6						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		8.7	
	115		
		8.1	
		8.7	
		13.3	
<0.0020			<0.002
		12.6	
		11.7	
	82		
		10.9	
		11.2	
		12.6	
<0.0020			<0.002
		12.3	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0008	6/1/20		<0.01		<2.0			19	<5	651	614			4.3		
	18/2/20	305	0.02		<2.0	17		19	<5	671		<0.001		4.3		
	19/2/20										640					
	13/5/20	290	0.02		<1.0	17		20	<5	661		<0.001		4.5		
	14/5/20										680					
	10/8/20		0.03		<1.9			20	<5	656	664			3		
	10/11/20	294	0.11	<1	1.2	14	<0.00002	19	<5	655		<0.001	<0.001	4.9	<1	0.05
	10/11/20										829					
PBBH0009	6/1/20		<0.01		<1.0			18	<5	1190	1149			5.7		
	18/2/20	204	<0.01		1.7	133		19	<5	906		<0.001		8.6		
	19/2/20										880					
	13/5/20	324	<0.01		1.3	95		21	<5	1150		<0.001		5.4		
	14/5/20										905					
	10/8/20		<0.01		<1.9			22	<5	995	990			2.4		
	10/11/20	326	0.02	<1	<1	146	<0.00002	17	<5	1320		<0.001	<0.001	4.9	<1	<0.01
	10/11/20										1113					
PBBH0010	6/1/20		0.01		<2.0			19	<5	878	874			4.6		

	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.4	8.5		6				
9				5						<0.001	7.4			19		0.88		<0.2
												7.8						
8				5						<0.001	7.5			12	<0.02	0.53		<0.2
												7.7	264.6					
											7.8	8.1		5				
9	<1	<0.02		4	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.7			11	0.03	0.33	<1	0.3
												8.1						
											7.3	7.5		7				
5				30						<0.001	7.2			71		2.6		<0.2
												7.8						
11				24						<0.001	7.5			20	<0.02	1.1		0.6
												7.8	132.01					
											7.8	7.3		32				
13	<1	<0.02		35	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.5			59	<0.02	1.2	<1	0.8
												7.4						
											7	7.3		21				

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		10.5	
	18		
		9.8	
		11	
		11.6	
<0.0020			0.002
		13.4	
		11.6	
	242		
		11.2	
		10.2	
		13.1	
<0.0020			<0.002
		13.3	
		10.5	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0010	18/2/20	247	<0.01		2.4	165		18	<5	1010		<0.001		6.8		
	19/2/20										982					
	13/5/20	327	0.12		1.2	54		19	<5	872		<0.001		2.3		
	14/5/20										890					
	10/8/20		<0.01		<1.4			17	<5	786	790			3.7		
	10/11/20	327	0.6	<1	<1	49	<0.00002	18	<5	796		<0.001	<0.001	2.7	<1	<0.01
	10/11/20										695					
PBBH0012	6/1/20		3		<5.7			397	8	6580				0.6		
	7/1/20										5310					
	18/2/20	274	3.1		<28.5	373		373	16	6790		<0.001		0.3		
	19/2/20										7450					
	13/5/20	926	3.3		<5.7	346		390	14	6750		<0.001		0.2		
	14/5/20										6200					
	11/8/20		3.2		<3.5			401	14	6670	6523			0.4		
	11/11/20	841	3.2	<1	4	345	<0.00002	433	13	6630		<0.001	0.002	0.4	<1	<0.01
	11/11/20										5310					
PBBH0013	6/1/20		0.8		<1.0			91	15	2550				3.5		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
3			22						<0.001	7			50		2.6		<0.2
											7.5						
13			13						<0.001	7.4			42	<0.02	0.80		0.5
											7.7	83.23					
										7.7	7		12				
15	<1	<0.02	14	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.6			61	<0.02	0.43	<1	0.4
											7.6						
										6.7			363				
											7.3						
60			94						<0.001	6.7			1620		5.7		<0.2
											7.1						
59			90						<0.001	7			2510	3.57	5.3		<0.2
											7.8	103.97					
										7.2	7.1		2130				
68	<1	<0.02	92	8.9	<0.01	0.014	<0.03	<1	<0.001	7.1			2660	0.13	4.4	<1	<0.2
											7.6	34.99					
										7.2			168				

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
	270		
		10.1	
		10.2	
		11.9	
<0.0020			<0.002
		12	
		9.7	
	3350		
		9.9	
		11.6	
		13.5	
<0.0021			0.124
		10.6	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0013	7/1/20										2450					
	18/2/20	443	0.6		<1.0	103		91	<5	2460		<0.001		2.1		
	19/2/20										2630					
	13/5/20	431	0.8		<1.0	42		96	18	2610	2510	<0.001		3.2		
	11/8/20		0.7		<1.9			85	16	2380	2593			3.1		
	11/11/20	462	0.4	<1	<1	190	0.00006	103	14	2440		<0.001	0.001	3.8	<1	<0.01
	11/11/20										2240					
PBBH0014	6/1/20		0.5		<3.6			130	13	1860				3.5		
	7/1/20										1636					
	18/2/20	410	0.3		<3.6	229		84	<5	1700		<0.001		3.8		
	19/2/20										1563					
	13/5/20	384	<0.01		<2.9	193		84	9	1670		<0.001		6.1		
	14/5/20										1578					
	11/8/20		0.07		<5.6			119	9	1620	1568			0.5		
	11/11/20	470	0.2	<1	<2	223	0.00003	121	11	1790		<0.001	0.003	0.6	<1	0.01
	11/11/20										1891					
PBT00002	6/1/20		<0.01		<1.0			11	8	1650				7.1		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7						
16			15						<0.001	7.2			34		6.1		<0.2
											7.2						
14			7						<0.001	7.4	7.3	26.25	24	0.06	6.0		<0.2
										7.6	7.6		28				
18	<1	<0.02	26	0.286	<0.01	0.004	<0.03	<1	<0.001	7.3			30	<0.02	5.1	<1	0.7
											6.9	27.82					
										6.9			49				
											7.4						
7			33						<0.001	7			22		3.6		<0.2
											7.9						
5			26						<0.001	7.2			6	0.04	2.8		0.4
											7.8	135.78					
										7.6	7.7		19				
9	<1	0.02	37	4.31	<0.01	0.007	<0.03	<1	<0.001	7.3			49	0.21	3.1	<1	<0.2
											7.3	42.2					
										7			14				

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		9.9	
	685		
		10.5	
		10.5	
		12.9	
<0.0020			0.003
		10.6	
		11.2	
	396		
		9.1	
		11.2	
		11.9	
<0.0020			0.004
		12.7	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Ammon-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00002	6/1/20										1574					
	18/2/20	116	<0.01		<1.0	201		12	<5	1330		<0.001		6.2		
	19/2/20										1582					
	10/8/20		<0.01		<1.9			15	11	1210	1178			2.3		
	10/11/20	155	<0.01	<1	<1	186	<0.00002	12	11	1250		<0.001	0.002	2.7	<1	<0.01
	10/11/20										1180					
PBT00004	6/1/20		<0.01		<1.0			26	7	939				6.5		
	6/1/20										945					
	18/2/20	177	0.02		<1.0	135		29	<5	875		<0.001		6.8		
	19/2/20										960					
	13/5/20	276	<0.01		<1.0	170		48	7	1120	1029	<0.001		5.7		
	10/8/20		<0.01		<1.9			44	9	1080	1028			2.9		
	10/11/20	156	<0.01	<1	<1	138	0.00004	23	7	898		<0.001	0.001	5.9	<1	0.01
	10/11/20										883					
PBT00006	6/1/20		<0.01		<1.0			30	12	1240				5		
	6/1/20										1235					
	18/2/20	276	<0.01		<1.0	161		24	<5	984		<0.001		8.6		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.4						
9			52						<0.001	6.9			19		2.9		1.1
											8.5						
										7.2	7.1		27				
11	<1	<0.02	43	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.1			46	<0.02	3.3	<1	0.7
											7.8						
										7			13				
											7.4						
4			21						<0.001	7			32		2.9		1.2
											7.9						
4			23						<0.001	7	7	11.77	20	0.03	2.4		0.4
										7.3	7.9		7				
5	<1	<0.02	22	<0.002	<0.01	0.002	<0.03	<1	<0.001	7.3			15	<0.02	2.1	<1	1.1
											7.2						
										6.9			11				
											7.1						
4			22						<0.001	7.3			40		4.1		0.7

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		7.9	
	607		
		6.4	
		13.6	
<0.0020			0.014
		11.5	
		8.8	
	227		
		7	
		9.8	
		13.6	
<0.0020			0.004
		11.8	
		8.4	
	216		

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00006	19/2/20										1117					
	13/5/20	365	<0.01		<1.0	171		44	14	1160	1057	<0.001		4.6		
	10/8/20		<0.01		<1.4			39	13	1200	1133			2.9		
	10/11/20	399	0.01	<1	<1	283	0.00002	27	13	1460		<0.001	0.002	6.9	<1	<0.01
	10/11/20										1428					
PBT00012	6/1/20		<0.01		<2.0			59	11	1500				4.2		
	7/1/20										1422					
	18/2/20	183	0.01		<2.0	217		55	<5	1380		<0.001		4.3		
	19/2/20										1299					
	13/5/20										1757					
	14/5/20	275	1.0		<1.0	301		80	14	1840		<0.001		3.7		
	11/8/20		0.1		<2.8			82	15	1820	1542			1.5		
	11/11/20	275	0.09	<1	<1	371	0.00007	87	16	2070		<0.001	0.002	4.4	<1	<0.01
	11/11/20										1801					
PBT00013	6/1/20		1.2		<5.7			56	7	1810				1.8		
	7/1/20										1747					
	18/2/20	349	1.1		<9.5	228		51	<5	1760		<0.001		1.2		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.9						
5			22						<0.001	7	7.3		19	<0.02	5.1		<0.2
										7.6	7.7		7				
7	<1	<0.02	35	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.3			19	<0.02	4.6	<1	0.6
											6.8						
										6.4			8				
											7.2						
5			31						<0.001	6.4			29		4.8		0.7
											7.5						
											6.8	10.81					
6			42						<0.001	6.6			21	0.03	4.6		0.7
										7	7.3		41				
8	<1	<0.02	50	0.218	<0.01	0.002	<0.03	<1	<0.001	7			19	0.02	5.2	<1	1
											7.4	21.83					
										6.5			81				
											6.8						
10			64						<0.001	6.6			109		4.9		<0.2

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		7.6	
		9.1	
		13.4	
<0.0020			0.002
		10.9	
		8.4	
	481		
		8	
		11.1	
		12.6	
<0.0020			0.002
		11.1	
		8.8	
	619		

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Ammon-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00013	19/2/20										2060					
	13/5/20										1693					
	14/5/20	300	1.9		1.2	217		36	5	1720		<0.001		2.4		
	11/8/20		1.4		<2.8			36	13	1650	1883			1.2		
	10/11/20	340	0.6	<1	3.3	221	<0.00002	50	14	1690		<0.001	<0.001	2.3	<1	0.01
	11/11/20										1482					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPD (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.4						
											6.8						
10			59						<0.001	6.8			31	<0.02	3.5		<0.2
										7.2	7.2		45				
13	<1	<0.02	58	3.9	<0.01	<0.001	<0.03	<1	<0.001	7.9			50	0.02	4.9	<1	0.3
											7.5						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		9	
		10.1	
		12.4	
<0.0020			0.006
		11.3	

Environmental Monitoring Report

Report period from: 01/01/2020 to 31/12/2020

Summary of contents: count of records by site and suite

	Total	NW Water Quality
Total	2607	2607
Pen-Y-Bont	2607	2607

This report presents monitoring results for the period shown above.
It groups records firstly by site, then for each suite of variables selected - presents:

- Statistical summary table for each sample point
- A table of raw data grouped by sample point

Date Range:01/01/2020 to 31/12/2020

Summary statistics

Pen-Y-Bont

NW Water Quality

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBBH0001	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	145.00	0.01	1.00	1.40	510.00	0.00	28.00	6.00	1,690.00	1,275.00	0.00	0.00
	Min	133.00	0.01	1.00	1.00	55.00	0.00	9.00	5.00	389.00	419.00	0.00	0.00
	Mean	140.67	0.01	1.00	1.08	209.33	0.00	14.20	5.20	673.20	710.60	0.00	0.00
	Median	144.00	0.01	1.00	1.00	63.00	0.00	10.00	5.00	406.00	518.00	0.00	0.00
	Std Dev	6.66	0.00	0.00	0.18	260.42	0.00	8.11	0.45	569.43	360.40	0.00	0.00
	Variance	44.33	0.00	0.00	0.03	67,816.33	0.00	65.70	0.20	324,252.70	129,887.30	0.00	0.00
PBBH0002	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	322.00	0.14	1.00	2.00	121.00	0.00	20.00	5.00	893.00	1,042.00	0.00	0.00
	Min	308.00	0.01	1.00	1.00	115.00	0.00	18.00	5.00	831.00	769.00	0.00	0.00
	Mean	315.00	0.04	1.00	1.28	118.33	0.00	19.00	5.00	870.40	888.40	0.00	0.00
	Median	315.00	0.01	1.00	1.00	119.00	0.00	19.00	5.00	875.00	859.00	0.00	0.00
	Std Dev	7.00	0.06	0.00	0.44	3.06	0.00	0.71	0.00	24.00	106.87	0.00	0.00
	Variance	49.00	0.00	0.00	0.19	9.33	0.00	0.50	0.00	575.80	11,421.80	0.00	0.00
PBBH0003	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	396.00	0.10	1.00	2.90	5.00	0.00	48.00	5.00	1,060.00	1,065.00	0.00	0.00
	Min	216.00	0.01	1.00	1.00	4.00	0.00	35.00	5.00	803.00	816.00	0.00	0.00
	Mean	335.67	0.03	1.00	1.66	4.67	0.00	40.80	5.00	914.20	952.80	0.00	0.00
	Median	395.00	0.01	1.00	1.40	5.00	0.00	41.00	5.00	901.00	923.00	0.00	0.00
	Std Dev	103.64	0.04	0.00	0.80	0.58	0.00	4.71	0.00	92.38	105.62	0.00	0.00
	Variance	10,740.33	0.00	0.00	0.65	0.33	0.00	22.20	0.00	8,534.70	11,155.70	0.00	0.00
PBBH0004	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	512.00	0.70	1.00	2.90	71.00	0.00	178.00	14.00	1,540.00	1,580.00	0.00	0.00
	Min	472.00	0.01	1.00	1.00	13.00	0.00	109.00	8.00	1,430.00	1,381.00	0.00	0.00
	Mean	490.67	0.27	1.00	1.66	43.00	0.00	133.40	9.60	1,484.00	1,473.20	0.00	0.00
	Median	488.00	0.30	1.00	1.40	45.00	0.00	121.00	9.00	1,500.00	1,467.00	0.00	0.00
	Std Dev	20.13	0.28	0.00	0.80	29.05	0.00	27.34	2.51	47.22	74.88	0.00	0.00
	Variance	405.33	0.08	0.00	0.65	844.00	0.00	747.30	6.30	2,230.00	5,607.70	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 9.70 3.40 7.46 8.40 2.53 6.41	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 46.00 5.00 19.00 6.00 23.39 547.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 77.00 9.00 32.33 11.00 38.70 1,497.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.16 0.16 0.16 0.16 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.80 6.70 7.10 7.00 0.46 0.22
5 5.70 2.90 4.62 4.90 1.18 1.39	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 7.00 7.00 7.00 7.00 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 26.00 25.00 25.33 25.00 0.58 0.33	1 0.53 0.53 0.53 0.53 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.70 7.30 7.44 7.40 0.17 0.03
5 8.30 0.30 5.02 6.60 3.38 11.42	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 4.00 4.00 4.00 4.00 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 2.00 2.00 2.00 2.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.30 0.30 0.30 0.30 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 8.40 8.30 8.36 8.40 0.05 0.00
5 5.20 3.00 3.98 4.30 0.93 0.86	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 10.00 8.00 8.67 8.00 1.15 1.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 9.00 2.00 5.33 5.00 3.51 12.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 8.40 7.60 7.96 8.00 0.32 0.10

pH(Fld)	Purge Vol. (litres)	S Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WirTemp (Deg C)	Zn(D) (mg/l)
5 8.20 7.50 7.84 7.80 0.25 0.06	2 83.34 80.29 81.82 81.82 2.16 4.65	5 810.00 83.00 388.40 454.00 302.47 91,489.30	2 0.02 0.02 0.02 0.02 0.00 0.00	3 2.00 1.30 1.70 1.80 0.36 0.13	1 1.00 1.00 1.00 1.00 0.00 0.00	3 3.30 2.30 2.87 3.00 0.51 0.26	1 0.00 0.00 0.00 0.00 0.00 0.00	1 32.00 32.00 32.00 32.00 0.00 0.00	5 13.50 9.50 11.70 12.60 1.74 3.04	1 0.01 0.01 0.01 0.01 0.00 0.00
5 8.60 7.40 7.90 7.80 0.44 0.19	1 36.58 36.58 36.58 36.58 0.00 0.00	5 15.00 5.00 9.20 8.00 3.90 15.20	2 0.02 0.02 0.02 0.02 0.00 0.00	3 1.60 1.20 1.33 1.20 0.23 0.05	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 123.00 123.00 123.00 123.00 0.00 0.00	5 12.40 8.40 10.76 10.60 1.63 2.67	1 0.01 0.01 0.01 0.01 0.00 0.00
5 8.70 8.00 8.32 8.20 0.31 0.10	0 0.00 0.00 0.00 0.00 0.00 0.00	5 132.00 5.00 33.60 11.00 55.10 3,035.80	2 0.02 0.02 0.02 0.02 0.00 0.00	3 1.50 0.84 1.25 1.40 0.36 0.13	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.40 0.20 0.27 0.20 0.12 0.01	1 0.00 0.00 0.00 0.00 0.00 0.00	1 13.00 13.00 13.00 13.00 0.00 0.00	5 12.40 9.10 10.28 10.00 1.27 1.61	1 0.01 0.01 0.01 0.01 0.00 0.00
5 8.40 7.20 7.76 7.60 0.56 0.31	0 0.00 0.00 0.00 0.00 0.00 0.00	5 68.00 5.00 24.20 9.00 26.58 706.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 6.50 2.00 4.03 3.60 2.28 5.20	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.90 0.30 0.60 0.60 0.30 0.09	1 0.00 0.00 0.00 0.00 0.00 0.00	1 115.00 115.00 115.00 115.00 0.00 0.00	5 13.30 8.10 10.28 8.70 2.46 6.06	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBBH0005	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	326.00	0.16	1.00	2.00	36.00	0.00	39.00	6.00	808.00	886.00	0.00	0.00
	Min	321.00	0.01	1.00	1.00	35.00	0.00	34.00	5.00	755.00	755.00	0.00	0.00
	Mean	324.00	0.07	1.00	1.48	35.67	0.00	36.60	5.20	785.60	799.20	0.00	0.00
	Median	325.00	0.05	1.00	1.40	36.00	0.00	37.00	5.00	786.00	781.00	0.00	0.00
	Std Dev	2.65	0.07	0.00	0.50	0.58	0.00	1.82	0.45	19.71	51.00	0.00	0.00
	Variance	7.00	0.00	0.00	0.25	0.33	0.00	3.30	0.20	388.30	2,601.20	0.00	0.00
PBBH0007	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	366.00	0.40	1.00	37.70	45.00	0.00	89.00	6.00	1,690.00	1,086.00	0.00	0.00
	Min	349.00	0.30	1.00	2.20	30.00	0.00	68.00	5.00	1,050.00	999.00	0.00	0.00
	Mean	360.00	0.34	1.00	17.36	38.67	0.00	81.60	5.20	1,200.00	1,031.20	0.00	0.00
	Median	365.00	0.30	1.00	14.30	41.00	0.00	86.00	5.00	1,090.00	1,032.00	0.00	0.00
	Std Dev	9.54	0.05	0.00	15.43	7.77	0.00	8.96	0.45	274.59	34.40	0.00	0.00
	Variance	91.00	0.00	0.00	238.21	60.33	0.00	80.30	0.20	75,400.00	1,183.70	0.00	0.00
PBBH0008	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	305.00	0.11	1.00	2.00	17.00	0.00	20.00	5.00	671.00	829.00	0.00	0.00
	Min	290.00	0.01	1.00	1.00	14.00	0.00	19.00	5.00	651.00	614.00	0.00	0.00
	Mean	296.33	0.04	1.00	1.62	16.00	0.00	19.40	5.00	658.80	685.40	0.00	0.00
	Median	294.00	0.02	1.00	1.90	17.00	0.00	19.00	5.00	656.00	664.00	0.00	0.00
	Std Dev	7.77	0.04	0.00	0.48	1.73	0.00	0.55	0.00	7.69	84.06	0.00	0.00
	Variance	60.33	0.00	0.00	0.23	3.00	0.00	0.30	0.00	59.20	7,066.80	0.00	0.00
PBBH0009	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	326.00	0.02	1.00	1.90	146.00	0.00	22.00	5.00	1,320.00	1,149.00	0.00	0.00
	Min	204.00	0.01	1.00	1.00	95.00	0.00	17.00	5.00	906.00	880.00	0.00	0.00
	Mean	284.67	0.01	1.00	1.38	124.67	0.00	19.40	5.00	1,112.20	1,007.40	0.00	0.00
	Median	324.00	0.01	1.00	1.30	133.00	0.00	19.00	5.00	1,150.00	990.00	0.00	0.00
	Std Dev	69.87	0.00	0.00	0.41	26.50	0.00	2.07	0.00	163.49	120.65	0.00	0.00
	Variance	4,881.33	0.00	0.00	0.17	702.33	0.00	4.30	0.00	26,729.20	14,555.30	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Napthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 4.30 3.00 3.60 3.80 0.58 0.34	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 7.00 7.00 7.00 7.00 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 14.00 13.00 13.33 13.00 0.58 0.33	1 0.10 0.10 0.10 0.10 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.60 7.40 7.50 7.50 0.10 0.01
5 1.00 0.40 0.60 0.40 0.28 0.08	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 11.00 8.00 9.33 9.00 1.53 2.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 10.00 8.00 9.00 9.00 1.00 1.00	1 0.02 0.02 0.02 0.02 0.00 0.00	1 0.08 0.08 0.08 0.08 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.90 7.80 7.88 7.90 0.04 0.00
5 4.90 3.00 4.20 4.30 0.71 0.51	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.05 0.05 0.05 0.05 0.00 0.00	3 9.00 8.00 8.67 9.00 0.58 0.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 5.00 4.00 4.67 5.00 0.58 0.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.80 7.40 7.56 7.50 0.18 0.03
5 8.60 2.40 5.40 5.40 2.21 4.90	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 13.00 5.00 9.67 11.00 4.16 17.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 35.00 24.00 29.67 30.00 5.51 30.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.80 7.20 7.46 7.50 0.23 0.05

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 7.60 7.00 7.39 7.50 0.25 0.06	0 0.00 0.00 0.00 0.00 0.00 0.00	5 9.00 5.00 6.20 6.00 1.64 2.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 0.97 0.45 0.67 0.58 0.27 0.07	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 35.00 35.00 35.00 35.00 0.00 0.00	5 13.10 9.90 11.02 10.50 1.24 1.53	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.60 7.60 8.06 8.00 0.40 0.16	1 106.62 106.62 106.62 106.62 0.00 0.00	5 32.00 13.00 22.20 20.00 7.69 59.20	2 0.04 0.02 0.03 0.03 0.01 0.00	3 1.80 0.81 1.24 1.10 0.51 0.26	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 82.00 82.00 82.00 82.00 0.00 0.00	5 12.60 10.90 11.74 11.70 0.72 0.51	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.50 7.70 8.04 8.10 0.31 0.10	1 264.60 264.60 264.60 264.60 0.00 0.00	5 19.00 5.00 10.60 11.00 5.59 31.30	2 0.03 0.02 0.03 0.03 0.01 0.00	3 0.88 0.33 0.58 0.53 0.28 0.08	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 18.00 18.00 18.00 18.00 0.00 0.00	5 13.40 9.80 11.26 11.00 1.37 1.87	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.80 7.30 7.56 7.50 0.23 0.05	1 132.01 132.01 132.01 132.01 0.00 0.00	5 71.00 7.00 37.80 32.00 26.70 712.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 2.60 1.10 1.63 1.20 0.84 0.70	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.80 0.20 0.53 0.60 0.31 0.09	1 0.00 0.00 0.00 0.00 0.00 0.00	1 242.00 242.00 242.00 242.00 0.00 0.00	5 13.30 10.20 11.88 11.60 1.31 1.72	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Std) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBBH0010	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	327.00	0.60	1.00	2.40	165.00	0.00	19.00	5.00	1,010.00	982.00	0.00	0.00
	Min	247.00	0.01	1.00	1.00	49.00	0.00	17.00	5.00	786.00	695.00	0.00	0.00
	Mean	300.33	0.15	1.00	1.60	89.33	0.00	18.20	5.00	868.40	846.20	0.00	0.00
	Median	327.00	0.01	1.00	1.40	54.00	0.00	18.00	5.00	872.00	874.00	0.00	0.00
	Std Dev	46.19	0.26	0.00	0.58	65.58	0.00	0.84	0.00	89.70	108.57	0.00	0.00
	Variance	2,133.33	0.07	0.00	0.34	4,300.33	0.00	0.70	0.00	8,046.80	11,788.20	0.00	0.00
PBBH0011	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	253.00	0.05	1.00	1.90	154.00	0.00	27.00	11.00	1,300.00	1,533.00	0.00	0.00
	Min	174.00	0.01	1.00	1.00	133.00	0.00	20.00	5.00	1,140.00	1,102.00	0.00	0.00
	Mean	214.33	0.02	1.00	1.20	141.67	0.00	25.60	8.00	1,246.00	1,257.60	0.00	0.00
	Median	216.00	0.01	1.00	1.00	138.00	0.00	27.00	8.00	1,250.00	1,224.00	0.00	0.00
	Std Dev	39.53	0.02	0.00	0.39	10.97	0.00	3.13	2.24	63.48	164.45	0.00	0.00
	Variance	1,562.33	0.00	0.00	0.16	120.33	0.00	9.80	5.00	4,030.00	27,045.30	0.00	0.00
PBBH0012	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	926.00	3.30	1.00	28.50	373.00	0.00	433.00	16.00	6,790.00	7,450.00	0.00	0.00
	Min	274.00	3.00	1.00	3.50	345.00	0.00	373.00	8.00	6,580.00	5,310.00	0.00	0.00
	Mean	680.33	3.16	1.00	9.48	354.67	0.00	398.80	13.00	6,684.00	6,158.60	0.00	0.00
	Median	841.00	3.20	1.00	5.70	346.00	0.00	397.00	14.00	6,670.00	6,200.00	0.00	0.00
	Std Dev	354.45	0.11	0.00	10.68	15.89	0.00	21.91	3.00	85.91	900.34	0.00	0.00
	Variance	125,636.33	0.01	0.00	114.03	252.33	0.00	480.20	9.00	7,380.00	810,614.80	0.00	0.00
PBBH0013	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	462.00	0.80	1.00	1.90	190.00	0.00	103.00	18.00	2,610.00	2,630.00	0.00	0.00
	Min	431.00	0.40	1.00	1.00	42.00	0.00	85.00	5.00	2,380.00	2,240.00	0.00	0.00
	Mean	445.33	0.66	1.00	1.18	111.67	0.00	93.20	13.60	2,488.00	2,484.60	0.00	0.00
	Median	443.00	0.70	1.00	1.00	103.00	0.00	91.00	15.00	2,460.00	2,510.00	0.00	0.00
	Std Dev	15.63	0.17	0.00	0.40	74.38	0.00	6.72	5.03	91.49	153.76	0.00	0.00
	Variance	244.33	0.03	0.00	0.16	5,532.33	0.00	45.20	25.30	8,370.00	23,640.80	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Napthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 6.80 2.30 4.02 3.70 1.79 3.22	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 15.00 3.00 10.33 13.00 6.43 41.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 22.00 13.00 16.33 14.00 4.93 24.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.70 7.00 7.34 7.40 0.33 0.11
5 7.30 2.90 5.10 5.30 1.66 2.76	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 10.00 8.00 9.33 10.00 1.15 1.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 28.00 25.00 26.67 27.00 1.53 2.33	1 0.02 0.02 0.02 0.02 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.20 6.90 7.04 7.00 0.11 0.01
5 0.60 0.20 0.38 0.40 0.15 0.02	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 68.00 59.00 62.33 60.00 4.93 24.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 94.00 90.00 92.00 92.00 2.00 4.00	1 8.90 8.90 8.90 8.90 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.20 6.70 6.94 7.00 0.23 0.05
5 3.80 2.10 3.14 3.20 0.64 0.41	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 18.00 14.00 16.00 16.00 2.00 4.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 26.00 7.00 16.00 15.00 9.54 91.00	1 0.29 0.29 0.29 0.29 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.60 7.20 7.34 7.30 0.17 0.03

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 7.70 7.00 7.42 7.50 0.28 0.08	1 83.23 83.23 83.23 83.23 0.00 0.00	5 61.00 12.00 37.20 42.00 20.32 412.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 2.60 0.43 1.28 0.80 1.16 1.35	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.50 0.20 0.37 0.40 0.15 0.02	1 0.00 0.00 0.00 0.00 0.00 0.00	1 270.00 270.00 270.00 270.00 0.00 0.00	5 12.00 10.10 10.94 10.50 0.93 0.87	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.20 7.10 7.40 7.20 0.45 0.21	0 0.00 0.00 0.00 0.00 0.00 0.00	5 34.00 6.00 13.80 9.00 11.50 132.20	2 0.02 0.02 0.02 0.02 0.00 0.00	3 3.50 2.50 2.97 2.90 0.50 0.25	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 414.00 414.00 414.00 414.00 0.00 0.00	5 12.80 7.00 9.58 8.90 2.52 6.37	1 0.01 0.01 0.01 0.01 0.00 0.00
5 7.80 7.10 7.38 7.30 0.31 0.10	2 103.97 34.99 69.48 69.48 48.78 2,379.12	5 2,660.00 363.00 1,856.60 2,130.00 926.55 858,487.80	2 3.57 0.13 1.85 1.85 2.43 5.92	3 5.70 4.40 5.13 5.30 0.67 0.44	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 3,350.00 3,350.00 3,350.00 3,350.00 0.00 0.00	5 13.50 9.70 11.06 10.60 1.55 2.41	1 0.12 0.12 0.12 0.12 0.00 0.00
5 7.60 6.90 7.20 7.20 0.27 0.08	2 27.82 26.25 27.04 27.04 1.11 1.23	5 168.00 24.00 56.80 30.00 62.27 3,877.20	2 0.06 0.02 0.04 0.04 0.03 0.00	3 6.10 5.10 5.73 6.00 0.55 0.30	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.70 0.20 0.37 0.20 0.29 0.08	1 0.00 0.00 0.00 0.00 0.00 0.00	1 685.00 685.00 685.00 685.00 0.00 0.00	5 12.90 9.90 10.88 10.50 1.16 1.35	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBBH0014	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	470.00	0.50	1.00	5.60	229.00	0.00	130.00	13.00	1,860.00	1,891.00	0.00	0.00
	Min	384.00	0.01	1.00	2.00	193.00	0.00	84.00	5.00	1,620.00	1,563.00	0.00	0.00
	Mean	421.33	0.22	1.00	3.54	215.00	0.00	107.60	9.40	1,728.00	1,647.20	0.00	0.00
	Median	410.00	0.20	1.00	3.60	223.00	0.00	119.00	9.00	1,700.00	1,578.00	0.00	0.00
	Std Dev	44.11	0.19	0.00	1.33	19.29	0.00	21.94	2.97	96.28	139.39	0.00	0.00
	Variance	1,945.33	0.04	0.00	1.76	372.00	0.00	481.30	8.80	9,270.00	19,428.70	0.00	0.00
PBBH003A	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	454.00	0.12	1.00	5.70	12.00	0.00	53.00	7.00	1,020.00	1,057.00	0.00	0.00
	Min	376.00	0.01	1.00	1.30	5.00	0.00	43.00	5.00	871.00	880.00	0.00	0.00
	Mean	419.67	0.07	1.00	3.82	7.33	0.00	48.00	5.40	963.20	980.00	0.00	0.00
	Median	429.00	0.09	1.00	3.60	5.00	0.00	50.00	5.00	1,010.00	1,018.00	0.00	0.00
	Std Dev	39.83	0.05	0.00	1.90	4.04	0.00	4.69	0.89	69.81	77.25	0.00	0.00
	Variance	1,586.33	0.00	0.00	3.63	16.33	0.00	22.00	0.80	4,873.70	5,967.50	0.00	0.00
PBT00001	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	186.00	0.02	1.00	1.90	149.00	0.00	27.00	9.00	855.00	1,553.00	0.00	0.00
	Min	143.00	0.01	1.00	1.00	111.00	0.00	16.00	5.00	732.00	726.00	0.00	0.00
	Mean	169.00	0.01	1.00	1.18	125.00	0.00	20.60	7.80	786.00	920.60	0.00	0.00
	Median	178.00	0.01	1.00	1.00	115.00	0.00	20.00	8.00	776.00	767.00	0.00	0.00
	Std Dev	22.87	0.00	0.00	0.40	20.88	0.00	4.04	1.64	48.51	354.48	0.00	0.00
	Variance	523.00	0.00	0.00	0.16	436.00	0.00	16.30	2.70	2,353.50	125,654.30	0.00	0.00
PBT00002	Count	2	4	1	4	2	1	4	4	4	4	2	1
	Max	155.00	0.01	1.00	1.90	201.00	0.00	15.00	11.00	1,650.00	1,582.00	0.00	0.00
	Min	116.00	0.01	1.00	1.00	186.00	0.00	11.00	5.00	1,210.00	1,178.00	0.00	0.00
	Mean	135.50	0.01	1.00	1.23	193.50	0.00	12.50	8.75	1,360.00	1,378.50	0.00	0.00
	Median	135.50	0.01	1.00	1.00	193.50	0.00	12.00	9.50	1,290.00	1,377.00	0.00	0.00
	Std Dev	27.58	0.00	0.00	0.45	10.61	0.00	1.73	2.87	199.67	230.39	0.00	0.00
	Variance	760.50	0.00	0.00	0.20	112.50	0.00	3.00	8.25	39,866.67	53,078.33	0.00	0.00

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 7.90 7.30 7.62 7.70 0.26 0.07	2 135.78 42.20 88.99 88.99 66.17 4,378.61	5 49.00 6.00 29.00 22.00 19.22 369.50	2 0.21 0.04 0.13 0.13 0.12 0.01	3 3.60 2.80 3.17 3.10 0.40 0.16	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.40 0.20 0.27 0.20 0.12 0.01	1 0.00 0.00 0.00 0.00 0.00 0.00	1 396.00 396.00 396.00 396.00 0.00 0.00	5 12.70 9.10 11.22 11.20 1.34 1.79	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.60 7.80 8.18 8.20 0.33 0.11	0 0.00 0.00 0.00 0.00 0.00 0.00	5 18.00 7.00 9.60 7.00 4.77 22.80	2 0.31 0.02 0.17 0.17 0.21 0.04	3 1.80 0.80 1.20 1.00 0.53 0.28	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 23.00 23.00 23.00 23.00 0.00 0.00	5 11.20 8.70 10.12 10.40 1.05 1.10	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.70 7.60 7.88 7.70 0.46 0.21	0 0.00 0.00 0.00 0.00 0.00 0.00	5 40.00 30.00 35.20 35.00 3.70 13.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 5.10 2.90 3.63 2.90 1.27 1.61	1 1.00 1.00 1.00 1.00 0.00 0.00	3 6.30 0.30 2.90 2.10 3.08 9.48	1 0.00 0.00 0.00 0.00 0.00 0.00	1 159.00 159.00 159.00 159.00 0.00 0.00	5 13.30 6.50 9.64 8.40 3.02 9.14	1 0.00 0.00 0.00 0.00 0.00 0.00
4 8.50 7.10 7.70 7.60 0.61 0.37	0 0.00 0.00 0.00 0.00 0.00 0.00	4 46.00 14.00 26.50 23.00 14.06 197.67	1 0.02 0.02 0.02 0.02 0.00 0.00	2 3.30 2.90 3.10 3.10 0.28 0.08	1 1.00 1.00 1.00 1.00 0.00 0.00	2 1.10 0.70 0.90 0.90 0.28 0.08	1 0.00 0.00 0.00 0.00 0.00 0.00	1 607.00 607.00 607.00 607.00 0.00 0.00	4 13.60 6.40 9.85 9.70 3.29 10.83	1 0.01 0.01 0.01 0.01 0.00 0.00

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBT00003	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	313.00	0.50	1.00	1.90	214.00	0.00	26.00	13.00	1,640.00	1,572.00	0.00	0.00
	Min	56.00	0.01	1.00	1.00	96.00	0.00	11.00	5.00	739.00	862.00	0.00	0.00
	Mean	198.00	0.21	1.00	1.24	168.67	0.00	21.40	9.80	1,397.80	1,344.00	0.00	0.00
	Median	225.00	0.13	1.00	1.00	196.00	0.00	24.00	10.00	1,540.00	1,414.00	0.00	0.00
	Std Dev	130.61	0.23	0.00	0.39	63.57	0.00	6.11	3.11	377.03	277.57	0.00	0.00
	Variance	17,059.00	0.05	0.00	0.15	4,041.33	0.00	37.30	9.70	142,149.20	77,046.00	0.00	0.00
PBT00004	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	276.00	0.02	1.00	1.90	170.00	0.00	48.00	9.00	1,120.00	1,029.00	0.00	0.00
	Min	156.00	0.01	1.00	1.00	135.00	0.00	23.00	5.00	875.00	883.00	0.00	0.00
	Mean	203.00	0.01	1.00	1.18	147.67	0.00	34.00	7.00	982.40	969.00	0.00	0.00
	Median	177.00	0.01	1.00	1.00	138.00	0.00	29.00	7.00	939.00	960.00	0.00	0.00
	Std Dev	64.09	0.00	0.00	0.40	19.40	0.00	11.25	1.41	110.68	61.51	0.00	0.00
	Variance	4,107.00	0.00	0.00	0.16	376.33	0.00	126.50	2.00	12,250.30	3,783.50	0.00	0.00
PBT00005	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	351.00	0.07	1.00	1.90	168.00	0.00	39.00	9.00	1,250.00	1,212.00	0.00	0.00
	Min	269.00	0.01	1.00	1.00	148.00	0.00	26.00	5.00	941.00	1,115.00	0.00	0.00
	Mean	321.67	0.02	1.00	1.18	158.67	0.00	33.20	7.20	1,160.20	1,157.60	0.00	0.00
	Median	345.00	0.01	1.00	1.00	160.00	0.00	33.00	8.00	1,210.00	1,143.00	0.00	0.00
	Std Dev	45.71	0.03	0.00	0.40	10.07	0.00	4.87	1.64	124.46	38.32	0.00	0.00
	Variance	2,089.33	0.00	0.00	0.16	101.33	0.00	23.70	2.70	15,490.20	1,468.30	0.00	0.00
PBT00006	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	399.00	0.01	1.00	1.40	283.00	0.00	44.00	14.00	1,460.00	1,428.00	0.00	0.00
	Min	276.00	0.01	1.00	1.00	161.00	0.00	24.00	5.00	984.00	1,057.00	0.00	0.00
	Mean	346.67	0.01	1.00	1.08	205.00	0.00	32.80	11.40	1,208.80	1,194.00	0.00	0.00
	Median	365.00	0.01	1.00	1.00	171.00	0.00	30.00	13.00	1,200.00	1,133.00	0.00	0.00
	Std Dev	63.52	0.00	0.00	0.18	67.73	0.00	8.41	3.65	171.08	145.65	0.00	0.00
	Variance	4,034.33	0.00	0.00	0.03	4,588.00	0.00	70.70	13.30	29,267.20	21,214.00	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Napthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 8.00 2.40 4.60 4.20 2.20 4.83	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 13.00 6.00 9.00 8.00 3.61 13.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 37.00 18.00 29.33 33.00 10.02 100.33	1 1.51 1.51 1.51 1.51 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.40 7.00 7.14 7.10 0.17 0.03
5 6.80 2.90 5.56 5.90 1.55 2.41	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 5.00 4.00 4.33 4.00 0.58 0.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 23.00 21.00 22.00 22.00 1.00 1.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.30 7.00 7.12 7.00 0.16 0.03
5 8.30 2.30 5.34 5.40 2.15 4.60	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 9.00 4.00 6.00 5.00 2.65 7.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 26.00 20.00 24.00 26.00 3.46 12.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.70 7.20 7.46 7.40 0.23 0.05
5 8.60 2.90 5.60 5.00 2.20 4.84	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 7.00 4.00 5.33 5.00 1.53 2.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 35.00 22.00 26.33 22.00 7.51 56.33	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.60 6.90 7.22 7.30 0.28 0.08

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 8.60 7.10 7.72 7.50 0.65 0.43	0 0.00 0.00 0.00 0.00 0.00 0.00	5 83.00 35.00 59.00 61.00 19.69 387.50	2 0.02 0.02 0.02 0.02 0.00 0.00	3 4.10 3.80 3.97 4.00 0.15 0.02	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 291.00 291.00 291.00 291.00 0.00 0.00	5 11.90 6.30 9.24 8.40 2.32 5.39	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.90 7.00 7.48 7.40 0.41 0.17	1 11.77 11.77 11.77 11.77 0.00 0.00	5 32.00 7.00 17.40 15.00 9.40 88.30	2 0.03 0.02 0.03 0.03 0.01 0.00	3 2.90 2.10 2.47 2.40 0.40 0.16	1 1.00 1.00 1.00 1.00 0.00 0.00	3 1.20 0.40 0.90 1.10 0.44 0.19	1 0.00 0.00 0.00 0.00 0.00 0.00	1 227.00 227.00 227.00 227.00 0.00 0.00	5 13.60 7.00 10.20 9.80 2.57 6.62	1 0.00 0.00 0.00 0.00 0.00 0.00
5 8.20 7.40 7.68 7.60 0.31 0.10	0 0.00 0.00 0.00 0.00 0.00 0.00	5 29.00 8.00 14.40 12.00 8.68 75.30	2 0.02 0.02 0.02 0.02 0.00 0.00	3 3.60 2.40 2.90 2.70 0.62 0.39	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.90 0.40 0.60 0.50 0.26 0.07	1 0.00 0.00 0.00 0.00 0.00 0.00	1 179.00 179.00 179.00 179.00 0.00 0.00	5 14.10 0.20 8.74 9.50 5.20 27.07	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.90 6.80 7.36 7.30 0.44 0.20	0 0.00 0.00 0.00 0.00 0.00 0.00	5 40.00 7.00 19.20 19.00 12.74 162.20	2 0.02 0.02 0.02 0.02 0.00 0.00	3 5.10 4.10 4.60 4.60 0.50 0.25	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.70 0.20 0.50 0.60 0.26 0.07	1 0.00 0.00 0.00 0.00 0.00 0.00	1 216.00 216.00 216.00 216.00 0.00 0.00	5 13.40 7.60 9.88 9.10 2.31 5.36	1 0.00 0.00 0.00 0.00 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBT00007	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	212.00	0.30	1.00	1.40	132.00	0.00	41.00	10.00	1,070.00	1,055.00	0.00	0.00
	Min	138.00	0.01	1.00	1.00	78.00	0.00	10.00	6.00	555.00	642.00	0.00	0.00
	Mean	174.33	0.11	1.00	1.12	105.33	0.00	25.80	8.20	825.40	831.60	0.00	0.00
	Median	173.00	0.03	1.00	1.00	106.00	0.00	24.00	9.00	828.00	831.00	0.00	0.00
	Std Dev	37.02	0.13	0.00	0.18	27.01	0.00	11.82	1.64	194.71	162.80	0.00	0.00
	Variance	1,370.33	0.02	0.00	0.03	729.33	0.00	139.70	2.70	37,913.30	26,502.30	0.00	0.00
PBT00008	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	405.00	5.80	1.00	14.30	277.00	0.00	49.00	28.00	1,750.00	1,762.00	0.00	0.00
	Min	356.00	0.19	1.00	1.00	220.00	0.00	27.00	17.00	1,330.00	1,272.00	0.00	0.00
	Mean	386.33	2.70	1.00	8.52	256.67	0.00	39.20	22.40	1,568.00	1,526.60	0.00	0.00
	Median	398.00	1.90	1.00	9.30	273.00	0.00	40.00	24.00	1,600.00	1,498.00	0.00	0.00
	Std Dev	26.50	2.21	0.00	6.07	31.82	0.00	7.98	4.39	156.75	179.13	0.00	0.00
	Variance	702.33	4.86	0.00	36.80	1,012.33	0.00	63.70	19.30	24,570.00	32,088.80	0.00	0.00
PBT00009	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	392.00	3.30	1.00	2.90	208.00	0.00	32.00	20.00	1,380.00	1,489.00	0.00	0.00
	Min	381.00	2.40	1.00	1.00	198.00	0.00	30.00	9.00	1,270.00	1,202.00	0.00	0.00
	Mean	387.67	2.78	1.00	1.94	202.67	0.00	30.60	16.20	1,328.00	1,307.80	0.00	0.00
	Median	390.00	2.70	1.00	2.00	202.00	0.00	30.00	17.00	1,330.00	1,276.00	0.00	0.00
	Std Dev	5.86	0.34	0.00	0.93	5.03	0.00	0.89	4.32	44.38	109.73	0.00	0.00
	Variance	34.33	0.12	0.00	0.86	25.33	0.00	0.80	18.70	1,970.00	12,041.70	0.00	0.00
PBT00010	Count	3	4	1	4	3	1	4	4	4	4	3	1
	Max	413.00	1.60	1.00	3.60	310.00	0.00	56.00	5.00	1,970.00	2,120.00	0.00	0.00
	Min	27.00	0.05	1.00	1.00	224.00	0.00	18.00	5.00	1,820.00	1,689.00	0.00	0.00
	Mean	205.00	0.56	1.00	2.15	266.33	0.00	34.50	5.00	1,905.00	1,902.75	0.00	0.00
	Median	175.00	0.30	1.00	2.00	265.00	0.00	32.00	5.00	1,915.00	1,901.00	0.00	0.00
	Std Dev	194.74	0.70	0.00	1.08	43.02	0.00	15.97	0.00	65.57	176.65	0.00	0.00
	Variance	37,924.00	0.49	0.00	1.16	1,850.33	0.00	255.00	0.00	4,300.00	31,204.92	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Napthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 9.80 3.30 6.26 5.80 2.42 5.88	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 11.00 5.00 7.33 6.00 3.21 10.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 14.00 10.00 12.00 12.00 2.00 4.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.20 6.60 6.86 6.90 0.26 0.07
5 2.40 0.40 1.02 0.70 0.80 0.64	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 11.00 9.00 10.00 10.00 1.00 1.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 42.00 31.00 37.67 40.00 5.86 34.33	1 6.67 6.67 6.67 6.67 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.40 7.00 7.18 7.10 0.16 0.03
5 3.50 1.40 2.94 3.40 0.90 0.80	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 8.00 6.00 7.00 7.00 1.00 1.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.06 0.06 0.06 0.06 0.00 0.00	3 28.00 25.00 26.67 27.00 1.53 2.33	1 8.63 8.63 8.63 8.63 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.40 6.90 7.12 7.10 0.23 0.05
4 3.20 2.10 2.55 2.45 0.47 0.22	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 23.00 17.00 20.33 21.00 3.06 9.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 61.00 54.00 58.00 59.00 3.61 13.00	1 6.18 6.18 6.18 6.18 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.16 0.16 0.16 0.16 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	4 7.00 5.50 6.38 6.50 0.65 0.42

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 8.00 7.10 7.42 7.40 0.37 0.14	0 0.00 0.00 0.00 0.00 0.00 0.00	5 31.00 8.00 18.60 18.00 8.29 68.80	2 0.02 0.02 0.02 0.02 0.00 0.00	3 4.10 1.80 2.70 2.20 1.23 1.51	1 1.00 1.00 1.00 1.00 0.00 0.00	3 1.70 0.80 1.33 1.50 0.47 0.22	1 0.00 0.00 0.00 0.00 0.00 0.00	1 112.00 112.00 112.00 112.00 0.00 0.00	5 12.90 7.00 9.80 8.90 2.46 6.06	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.74 6.80 7.27 7.40 0.40 0.16	0 0.00 0.00 0.00 0.00 0.00 0.00	5 39.00 7.00 17.00 13.00 12.75 162.50	2 4.19 0.02 2.11 2.11 2.95 8.69	3 10.00 7.90 8.83 8.60 1.07 1.14	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.60 0.20 0.33 0.20 0.23 0.05	1 0.00 0.00 0.00 0.00 0.00 0.00	1 435.00 435.00 435.00 435.00 0.00 0.00	5 12.90 8.00 10.10 8.90 2.12 4.51	1 0.01 0.01 0.01 0.01 0.00 0.00
5 7.70 7.00 7.30 7.30 0.31 0.10	0 0.00 0.00 0.00 0.00 0.00 0.00	5 41.00 9.00 24.80 24.00 14.58 212.70	2 0.02 0.02 0.02 0.02 0.00 0.00	3 7.90 7.30 7.60 7.60 0.30 0.09	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.50 0.20 0.30 0.20 0.17 0.03	1 0.00 0.00 0.00 0.00 0.00 0.00	1 308.00 308.00 308.00 308.00 0.00 0.00	5 12.70 8.40 10.24 9.40 1.82 3.32	1 0.01 0.01 0.01 0.01 0.00 0.00
4 7.70 6.60 7.03 6.90 0.50 0.25	2 30.39 12.02 21.21 21.21 12.99 168.73	4 69.00 19.00 43.25 42.50 26.41 697.58	2 0.03 0.02 0.03 0.03 0.01 0.00	3 2.30 1.20 1.73 1.70 0.55 0.30	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 1,030.00 1,030.00 1,030.00 1,030.00 0.00 0.00	4 12.20 10.20 11.10 11.00 0.83 0.69	1 0.03 0.03 0.03 0.03 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)
PBT00011	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	371.00	1.80	1.00	19.60	112.00	0.00	111.00	43.00	1,690.00	1,324.00	0.00	0.00
	Min	352.00	0.80	1.00	3.90	75.00	0.00	70.00	11.00	822.00	1,152.00	0.00	0.00
	Mean	360.33	1.18	1.00	10.38	89.00	0.00	86.40	26.20	1,212.40	1,255.40	0.00	0.00
	Median	358.00	1.10	1.00	9.30	80.00	0.00	83.00	25.00	1,190.00	1,250.00	0.00	0.00
	Std Dev	9.71	0.38	0.00	6.34	20.07	0.00	16.01	11.69	309.80	67.26	0.00	0.00
	Variance	94.33	0.14	0.00	40.19	403.00	0.00	256.30	136.70	95,978.80	4,523.80	0.00	0.00
PBT00012	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	275.00	1.00	1.00	2.80	371.00	0.00	87.00	16.00	2,070.00	1,801.00	0.00	0.00
	Min	183.00	0.01	1.00	1.00	217.00	0.00	55.00	5.00	1,380.00	1,299.00	0.00	0.00
	Mean	244.33	0.24	1.00	1.76	296.33	0.00	72.60	12.20	1,722.00	1,564.20	0.00	0.00
	Median	275.00	0.09	1.00	2.00	301.00	0.00	80.00	14.00	1,820.00	1,542.00	0.00	0.00
	Std Dev	53.12	0.43	0.00	0.77	77.11	0.00	14.54	4.44	278.78	214.65	0.00	0.00
	Variance	2,821.33	0.18	0.00	0.59	5,945.33	0.00	211.30	19.70	77,720.00	46,072.70	0.00	0.00
PBT00013	Count	3	5	1	5	3	1	5	5	5	5	3	1
	Max	349.00	1.90	1.00	9.50	228.00	0.00	56.00	14.00	1,810.00	2,060.00	0.00	0.00
	Min	300.00	0.60	1.00	1.20	217.00	0.00	36.00	5.00	1,650.00	1,482.00	0.00	0.00
	Mean	329.67	1.24	1.00	4.50	222.00	0.00	45.80	8.80	1,726.00	1,773.00	0.00	0.00
	Median	340.00	1.20	1.00	3.30	221.00	0.00	50.00	7.00	1,720.00	1,747.00	0.00	0.00
	Std Dev	26.08	0.47	0.00	3.23	5.57	0.00	9.23	4.38	61.89	215.77	0.00	0.00
	Variance	680.33	0.22	0.00	10.42	31.00	0.00	85.20	19.20	3,830.00	46,556.50	0.00	0.00

DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)	K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)
5 2.20 0.30 1.44 1.70 0.73 0.53	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 7.00 5.00 5.67 5.00 1.15 1.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 68.00 52.00 59.33 58.00 8.08 65.33	1 4.04 4.04 4.04 4.04 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.90 6.50 6.98 6.80 0.56 0.32
5 4.40 1.50 3.62 4.20 1.22 1.48	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 8.00 5.00 6.33 6.00 1.53 2.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 50.00 31.00 41.00 42.00 9.54 91.00	1 0.22 0.22 0.22 0.22 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.00 6.40 6.68 6.60 0.30 0.09
5 2.40 1.20 1.78 1.80 0.58 0.33	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	3 13.00 10.00 11.00 10.00 1.73 3.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 0.02 0.02 0.02 0.02 0.00 0.00	3 64.00 58.00 60.33 59.00 3.21 10.33	1 3.90 3.90 3.90 3.90 0.00 0.00	1 0.01 0.01 0.01 0.01 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 0.03 0.03 0.03 0.03 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.00 0.00 0.00 0.00 0.00 0.00	5 7.90 6.50 7.00 6.80 0.57 0.33

pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)	Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
5 7.70 7.10 7.36 7.40 0.26 0.07	1 18.67 18.67 18.67 18.67 0.00 0.00	5 85.00 34.00 60.60 64.00 19.22 369.30	2 0.16 0.09 0.13 0.13 0.05 0.00	3 17.00 5.70 10.83 9.80 5.72 32.72	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.20 0.20 0.20 0.20 0.00 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 152.00 152.00 152.00 152.00 0.00 0.00	5 13.20 10.40 11.44 11.20 1.08 1.17	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.50 6.80 7.24 7.30 0.27 0.07	2 21.83 10.81 16.32 16.32 7.79 60.72	5 41.00 8.00 23.60 21.00 12.28 150.80	2 0.03 0.02 0.03 0.03 0.01 0.00	3 5.20 4.60 4.87 4.80 0.31 0.09	1 1.00 1.00 1.00 1.00 0.00 0.00	3 1.00 0.70 0.80 0.70 0.17 0.03	1 0.00 0.00 0.00 0.00 0.00 0.00	1 481.00 481.00 481.00 481.00 0.00 0.00	5 12.60 8.00 10.24 11.10 1.97 3.86	1 0.00 0.00 0.00 0.00 0.00 0.00
5 7.50 6.80 7.14 7.20 0.33 0.11	0 0.00 0.00 0.00 0.00 0.00 0.00	5 109.00 31.00 63.20 50.00 31.45 989.20	2 0.02 0.02 0.02 0.02 0.00 0.00	3 4.90 3.50 4.43 4.90 0.81 0.65	1 1.00 1.00 1.00 1.00 0.00 0.00	3 0.30 0.20 0.23 0.20 0.06 0.00	1 0.00 0.00 0.00 0.00 0.00 0.00	1 619.00 619.00 619.00 619.00 0.00 0.00	5 12.40 8.80 10.32 10.10 1.53 2.35	1 0.01 0.01 0.01 0.01 0.00 0.00

Monitoring data

Pen-Y-Bont

NW Water Quality

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Std) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0001	6/1/20		<0.01		<1.0			9	<5	406				6.7		
	7/1/20										1275					
	18/2/20	145	0.01		<1.0	55		10	<5	404		<0.001		9.7		
	19/2/20										518					
	13/5/20	133	<0.01		<1.0	510		9	6	389		<0.001		8.4		
	14/5/20										865					
	11/8/20		<0.01		<1.4			28	5	477	476			3.4		
	10/11/20	144	<0.01	<1	<1	63	<0.00002	15	<5	1690		<0.001	0.003	9.1	<1	<0.01
	11/11/20										419					
PBBH0002	6/1/20		0.01		<2.0			18	<5	831	827			4.9		
	18/2/20	322	<0.01		<1.0	119		19	<5	885		<0.001		5.7		
	19/2/20										1042					
	13/5/20	315	<0.01		<1.0	115		20	<5	893		<0.001		5.6		
	14/5/20										945					
	10/8/20		<0.01		<1.4			19	<5	868	859			4		
	10/11/20	308	0.14	<1	<1	121	<0.00002	19	<5	875		<0.001	<0.001	2.9	<1	<0.01

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
										6.7			810				
											7.9						
5			9						<0.001	6.7			490		2.0		3.0
											8.2						
46			77						<0.001	7			105	<0.02	1.8		3.3
											7.8	80.29					
										7.3	7.5		454				
6	<1	<0.02	11	<0.002	<0.01	<0.001	0.16	<1	<0.001	7.8			83	<0.02	1.3	<1	2.3
											7.8	83.34					
										7.3	7.4		11				
7			26						<0.001	7.3			8		1.6		<0.2
											8.6						
7			25						<0.001	7.4			15	<0.02	1.2		<0.2
											7.8	36.58					
										7.7	7.9		<5				
7	<1	<0.02	25	0.533	<0.01	<0.001	<0.03	<1	<0.001	7.5			7	0.02	1.2	<1	<0.2

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		12.7	
	32		
		9.5	
		10.2	
		13.5	
<0.0020			0.006
		12.6	
		10.2	
	123		
		8.4	
		10.6	
		12.2	
<0.0020			0.007

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0002	10/11/20										769					
PBBH0003	6/1/20		0.03		<1.0			35	<5	803	816			8.3		
	18/2/20	395	<0.01		<2.9	5		41	<5	896		<0.001		2.7		
	19/2/20										1065					
	13/5/20	216	0.10		<1.0	4		48	<5	1060	1054	<0.001		7.2		
	10/8/20		<0.01		<1.4			39	<5	911	923			6.6		
	10/11/20	396	0.01	<1	<2	5	<0.00002	41	<5	901		<0.001	<0.001	0.3	<1	<0.01
	10/11/20										906					
PBBH0004	6/1/20		0.3		<2.0			121	8	1430	1434			4.3		
	18/2/20	472	0.7		<2.9	71		109	14	1440		<0.001		3.0		
	19/2/20										1580					
	13/5/20	488	0.3		<1.0	45		119	9	1510	1381	<0.001		4.3		
	10/8/20		0.04		<1.4			140	9	1500	1467			3.1		
	11/11/20	512	<0.01	<1	<1	13	<0.00002	178	8	1540		<0.001	<0.001	5.2	<1	0.02
	11/11/20										1504					
PBBH0005	6/1/20		0.05		<2.0			34	<5	755				3.8		
	7/1/20										755					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.8						
										8.3	8		5				
4			2						<0.001	8.4			13		1.4		<0.2
											8.6						
4			2						<0.001	8.3	8.2		132	0.02	1.5		<0.2
										8.4	8.7		7				
4	<1	<0.02	2	0.005	<0.01	<0.001	0.3	<1	<0.001	8.4			11	<0.02	0.84	<1	0.4
											8.1						
										7.6	7.3		8				
10			9						<0.001	8.4			68		6.5		0.6
											7.6						
8			5						<0.001	7.7	7.2		9	<0.02	3.6		0.3
										8	8.4		31				
8	<1	<0.02	2	<0.002	<0.01	<0.001	<0.03	<1	<0.001	8.1			5	<0.02	2	<1	0.9
											8.3						
										7.4			6				
											7						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		12.4	
		10	
	13		
		9.1	
		9.6	
		10.3	
<0.0020			0.006
		12.4	
		8.7	
	115		
		8.1	
		8.7	
		13.3	
<0.0020			<0.002
		12.6	
		9.9	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0005	18/2/20	321	0.16		<2.0	36		37	<5	786		<0.001		4.3		
	19/2/20										886					
	13/5/20	326	<0.01		<1.0	35		39	<5	808	775	<0.001		3.9		
	11/8/20		0.01		<1.4			36	<5	796	799			3		
	11/11/20	325	0.13	<1	<1	36	<0.00002	37	6	783		<0.001	<0.001	3	<1	<0.01
	11/11/20										781					
PBBH0007	6/1/20		0.3		<14.3			77	<5	1050				0.4		
	7/1/20										1034					
	18/2/20	365	0.3		<28.5	45		68	<5	1070		<0.001		0.4		
	19/2/20										1032					
	13/5/20	349	0.4		4.1	30		89	5	1100		<0.001		1.0		
	14/5/20										999					
	11/8/20		0.4		37.7			86	6	1090	1005			0.4		
	10/11/20	366	0.3	<1	2.2	41	<0.00002	88	<5	1690		<0.001	<0.001	0.8	<1	0.02
	11/11/20										1086					
PBBH0008	6/1/20		<0.01		<2.0			19	<5	651	614			4.3		
	18/2/20	305	0.02		<2.0	17		19	<5	671		<0.001		4.3		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
7			13						<0.001	7.4			9		0.97		0.2
											7.55						
7			13						<0.001	7.5	7.5		6	<0.02	0.58		<0.2
										7.6	7.6		<5				
7	<1	<0.02	14	0.096	<0.01	<0.001	<0.03	<1	<0.001	7.6			5	<0.02	0.45	<1	0.3
											7.3						
										7.9			13				
											8						
9			9						<0.001	7.8			32		1.8		0.3
											8.6						
8			8						<0.001	7.9			18	<0.02	1.1		<0.2
											7.8	106.62					
										7.9	8.3		28				
11	<1	<0.02	10	0.015	0.08	<0.001	<0.03	<1	<0.001	7.9			20	0.04	0.81	<1	<0.2
											7.6						
										7.4	8.5		6				
9			5						<0.001	7.4			19		0.88		<0.2

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
	35		
		10.5	
		11.1	
		13.1	
<0.0020			<0.002
		10.5	
		11.7	
	82		
		10.9	
		11.2	
		12.6	
<0.0020			<0.002
		12.3	
		10.5	
	18		

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0008	19/2/20										640					
	13/5/20	290	0.02		<1.0	17		20	<5	661		<0.001		4.5		
	14/5/20										680					
	10/8/20		0.03		<1.9			20	<5	656	664			3		
	10/11/20	294	0.11	<1	1.2	14	<0.00002	19	<5	655		<0.001	<0.001	4.9	<1	0.05
	10/11/20										829					
PBBH0009	6/1/20		<0.01		<1.0			18	<5	1190	1149			5.7		
	18/2/20	204	<0.01		1.7	133		19	<5	906		<0.001		8.6		
	19/2/20										880					
	13/5/20	324	<0.01		1.3	95		21	<5	1150		<0.001		5.4		
	14/5/20										905					
	10/8/20		<0.01		<1.9			22	<5	995	990			2.4		
	10/11/20	326	0.02	<1	<1	146	<0.00002	17	<5	1320		<0.001	<0.001	4.9	<1	<0.01
	10/11/20										1113					
PBBH0010	6/1/20		0.01		<2.0			19	<5	878	874			4.6		
	18/2/20	247	<0.01		2.4	165		18	<5	1010		<0.001		6.8		
	19/2/20										982					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.8						
8			5						<0.001	7.5			12	<0.02	0.53		<0.2
											7.7	264.6					
										7.8	8.1		5				
9	<1	<0.02	4	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.7			11	0.03	0.33	<1	0.3
											8.1						
										7.3	7.5		7				
5			30						<0.001	7.2			71		2.6		<0.2
											7.8						
11			24						<0.001	7.5			20	<0.02	1.1		0.6
											7.8	132.01					
										7.8	7.3		32				
13	<1	<0.02	35	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.5			59	<0.02	1.2	<1	0.8
											7.4						
										7	7.3		21				
3			22						<0.001	7			50		2.6		<0.2
											7.5						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		9.8	
		11	
		11.6	
<0.0020			0.002
		13.4	
		11.6	
	242		
		11.2	
		10.2	
		13.1	
<0.0020			<0.002
		13.3	
		10.5	
	270		
		10.1	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Ammon-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0010	13/5/20	327	0.12		1.2	54		19	<5	872		<0.001		2.3		
	14/5/20										890					
	10/8/20		<0.01		<1.4			17	<5	786	790			3.7		
	10/11/20	327	0.6	<1	<1	49	<0.00002	18	<5	796		<0.001	<0.001	2.7	<1	<0.01
	10/11/20										695					
PBBH0011	6/1/20		<0.01		<1.0			27	7	1250	1255			5.8		
	18/2/20	216	<0.01		1.1	138		27	<5	1300		<0.001		7.3		
	19/2/20										1533					
	13/5/20	174	<0.01		<1.0	133		20	8	1290	1174	<0.001		5.3		
	10/8/20		0.05		<1.9			27	9	1250	1224			2.9		
	10/11/20	253	<0.01	<1	<1	154	0.00002	27	11	1140		<0.001	0.003	4.2	<1	<0.01
	10/11/20										1102					
PBBH0012	6/1/20		3		<5.7			397	8	6580				0.6		
	7/1/20										5310					
	18/2/20	274	3.1		<28.5	373		373	16	6790		<0.001		0.3		
	19/2/20										7450					
	13/5/20	926	3.3		<5.7	346		390	14	6750		<0.001		0.2		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
13			13						<0.001	7.4			42	<0.02	0.80		0.5
											7.7	83.23					
										7.7	7		12				
15	<1	<0.02	14	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.6			61	<0.02	0.43	<1	0.4
											7.6						
										6.9	7.2		6				
10			28						<0.001	7			34		3.5		0.2
											8.2						
10			27						<0.001	7	7.3		9	<0.02	2.5		<0.2
										7.2	7.2		12				
8	<1	<0.02	25	0.024	<0.01	0.003	<0.03	<1	<0.001	7.1			8	<0.02	2.9	<1	0.3
											7.1						
										6.7			363				
											7.3						
60			94						<0.001	6.7			1620		5.7		<0.2
											7.1						
59			90						<0.001	7			2510	3.57	5.3		<0.2

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		10.2	
		11.9	
<0.0020			<0.002
		12	
		7.6	
	414		
		7	
		8.9	
		12.8	
<0.0020			0.007
		11.6	
		9.7	
	3350		
		9.9	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Ammon-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0012	14/5/20										6200					
	11/8/20		3.2		<3.5			401	14	6670	6523			0.4		
	11/11/20	841	3.2	<1	4	345	<0.00002	433	13	6630		<0.001	0.002	0.4	<1	<0.01
	11/11/20										5310					
PBBH0013	6/1/20		0.8		<1.0			91	15	2550				3.5		
	7/1/20										2450					
	18/2/20	443	0.6		<1.0	103		91	<5	2460		<0.001		2.1		
	19/2/20										2630					
	13/5/20	431	0.8		<1.0	42		96	18	2610	2510	<0.001		3.2		
	11/8/20		0.7		<1.9			85	16	2380	2593			3.1		
	11/11/20	462	0.4	<1	<1	190	0.00006	103	14	2440		<0.001	0.001	3.8	<1	<0.01
	11/11/20										2240					
PBBH0014	6/1/20		0.5		<3.6			130	13	1860				3.5		
	7/1/20										1636					
	18/2/20	410	0.3		<3.6	229		84	<5	1700		<0.001		3.8		
	19/2/20										1563					
	13/5/20	384	<0.01		<2.9	193		84	9	1670		<0.001		6.1		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPD (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.8	103.97					
										7.2	7.1		2130				
68	<1	<0.02	92	8.9	<0.01	0.014	<0.03	<1	<0.001	7.1			2660	0.13	4.4	<1	<0.2
											7.6	34.99					
										7.2			168				
											7						
16			15						<0.001	7.2			34		6.1		<0.2
											7.2						
14			7						<0.001	7.4	7.3	26.25	24	0.06	6.0		<0.2
										7.6	7.6		28				
18	<1	<0.02	26	0.286	<0.01	0.004	<0.03	<1	<0.001	7.3			30	<0.02	5.1	<1	0.7
											6.9	27.82					
										6.9			49				
											7.4						
7			33						<0.001	7			22		3.6		<0.2
											7.9						
5			26						<0.001	7.2			6	0.04	2.8		0.4

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		11.6	
		13.5	
<0.0021			0.124
		10.6	
		9.9	
	685		
		10.5	
		10.5	
		12.9	
<0.0020			0.003
		10.6	
		11.2	
	396		
		9.1	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBBH0014	14/5/20										1578					
	11/8/20		0.07		<5.6			119	9	1620	1568			0.5		
	11/11/20	470	0.2	<1	<2	223	0.00003	121	11	1790		<0.001	0.003	0.6	<1	0.01
	11/11/20										1891					
PBBH003A	6/1/20		0.09		<5.7			43	<5	871	880			1.8		
	18/2/20	376	0.03		<5.7	12		43	<5	905		<0.001		3.1		
	19/2/20										1057					
	13/5/20	429	0.01		<3.6	5		50	<5	1010	916	<0.001		0.6		
	10/8/20		0.1		<2.8			51	<5	1010	1029			3.4		
	10/11/20	454	0.12	<1	<1.3	5	<0.00002	53	7	1020		<0.001	<0.001	1.1	<1	0.04
	10/11/20										1018					
PBT00001	6/1/20		<0.01		<1.0			16	9	755				6.3		
	6/1/20										767					
	18/2/20	143	<0.01		<1.0	115		27	<5	732		<0.001		7.1		
	19/2/20										1553					
	13/5/20	186	0.01		<1.0	111		19	8	776	726	<0.001		2.7		
	10/8/20		0.02		<1.9			20	8	812	799			2.8		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPD (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.8	135.78					
										7.6	7.7		19				
9	<1	0.02	37	4.31	<0.01	0.007	<0.03	<1	<0.001	7.3			49	0.21	3.1	<1	<0.2
											7.3	42.2					
										8.2	7.9		9				
4			3						<0.001	8.3			18		1.8		<0.2
											8.2						
3			1						<0.001	8.3	8.6		7	<0.02	1.0		<0.2
										8.4	7.8		7				
4	<1	<0.02	1	0.039	<0.01	<0.001	0.07	<1	<0.001	8.4			7	0.31	0.8	<1	<0.2
											8.4						
										7.3			30				
											7.7						
5			16						<0.001	7.4			40		5.1		6.3
											8.7						
4			14						<0.001	7	7.6		37	0.02	2.9		0.3
										7.2	7.7		35				

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		11.2	
		11.9	
<0.0020			0.004
		12.7	
		10.4	
	23		
		8.7	
		9.4	
		10.9	
<0.0020			<0.002
		11.2	
		7.6	
	159		
		6.5	
		8.4	
		12.4	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00001	10/11/20	178	<0.01	<1	<1	149	<0.00002	21	9	855		<0.001	0.002	4.2	<1	<0.01
	10/11/20										758					
PBT00002	6/1/20		<0.01		<1.0			11	8	1650				7.1		
	6/1/20										1574					
	18/2/20	116	<0.01		<1.0	201		12	<5	1330		<0.001		6.2		
	19/2/20										1582					
	10/8/20		<0.01		<1.9			15	11	1210	1178			2.3		
	10/11/20	155	<0.01	<1	<1	186	<0.00002	12	11	1250		<0.001	0.002	2.7	<1	<0.01
	10/11/20										1180					
PBT00003	6/1/20		<0.01		<1.0			24	10	1440				5.3		
	6/1/20										1404					
	18/2/20	56	0.02		1.3	96		11	<5	739		<0.001		8.0		
	19/2/20										862					
	13/5/20	313	0.4		<1.0	196		25	9	1630	1468	<0.001		4.2		
	10/8/20		0.5		<1.9			26	12	1640	1572			2.4		
	10/11/20	225	0.13	<1	<1	214	0.00006	21	13	1540		<0.001	0.001	3.1	<1	<0.01
	10/11/20										1414					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPD (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
5	<1	<0.02	19	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.3			34	<0.02	2.9	<1	2.1
											7.7						
										7			14				
											7.4						
9			52						<0.001	6.9			19		2.9		1.1
											8.5						
										7.2	7.1		27				
11	<1	<0.02	43	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.1			46	<0.02	3.3	<1	0.7
											7.8						
										7			61				
											8.2						
6			18						<0.001	7			72		4.1		<0.2
											8.6						
8			33						<0.001	7.1	7.2		44	0.02	4.0		<0.2
										7.4	7.1		35				
13	<1	<0.02	37	1.51	<0.01	0.002	<0.03	<1	<0.001	7.2			83	0.02	3.8	<1	0.2
											7.5						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
<0.0020			0.003
		13.3	
		7.9	
	607		
		6.4	
		13.6	
<0.0020			0.014
		11.5	
		8.4	
	291		
		6.3	
		8.3	
		11.9	
<0.0020			0.003
		11.3	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00004	6/1/20		<0.01		<1.0			26	7	939				6.5		
	6/1/20										945					
	18/2/20	177	0.02		<1.0	135		29	<5	875		<0.001		6.8		
	19/2/20										960					
	13/5/20	276	<0.01		<1.0	170		48	7	1120	1029	<0.001		5.7		
	10/8/20		<0.01		<1.9			44	9	1080	1028			2.9		
	10/11/20	156	<0.01	<1	<1	138	0.00004	23	7	898		<0.001	0.001	5.9	<1	0.01
	10/11/20										883					
PBT00005	6/1/20		<0.01		<1.0			26	8	1210				5.8		
	6/1/20										1212					
	18/2/20	269	<0.01		<1.0	160		33	<5	941		<0.001		8.3		
	19/2/20										1115					
	13/5/20	351	<0.01		<1.0	168		39	8	1250	1138	<0.001		5.4		
	10/8/20		0.07		<1.9			36	9	1210	1180			2.3		
	10/11/20	345	0.02	<1	<1	148	0.00003	32	6	1190		<0.001	<0.001	4.9	<1	<0.01
	10/11/20										1143					
PBT00006	6/1/20		<0.01		<1.0			30	12	1240				5		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
										7			13				
											7.4						
4			21						<0.001	7			32		2.9		1.2
											7.9						
4			23						<0.001	7	7	11.77	20	0.03	2.4		0.4
										7.3	7.9		7				
5	<1	<0.02	22	<0.002	<0.01	0.002	<0.03	<1	<0.001	7.3			15	<0.02	2.1	<1	1.1
											7.2						
										7.3			12				
											7.4						
4			20						<0.001	7.2			29		3.6		0.9
											8.2						
5			26						<0.001	7.4	7.6		8	<0.02	2.7		0.5
										7.7	7.5		8				
9	<1	<0.02	26	0.002	<0.01	<0.001	<0.03	<1	<0.001	7.7			15	<0.02	2.4	<1	0.4
											7.7						
										6.9			11				

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		8.8	
	227		
		7	
		9.8	
		13.6	
<0.0020			0.004
		11.8	
		0.2	
	179		
		8.7	
		9.5	
		14.1	
<0.0020			<0.002
		11.2	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Ammon-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00006	6/1/20										1235					
	18/2/20	276	<0.01		<1.0	161		24	<5	984		<0.001		8.6		
	19/2/20										1117					
	13/5/20	365	<0.01		<1.0	171		44	14	1160	1057	<0.001		4.6		
	10/8/20		<0.01		<1.4			39	13	1200	1133			2.9		
	10/11/20	399	0.01	<1	<1	283	0.00002	27	13	1460		<0.001	0.002	6.9	<1	<0.01
	10/11/20										1428					
PBT00007	6/1/20		<0.01		<1.0			21	9	828				5.8		
	6/1/20										831					
	18/2/20	138	<0.01		1.2	78		10	7	555		<0.001		9.8		
	19/2/20										642					
	13/5/20										914					
	14/5/20	212	0.18		<1.0	132		33	9	933		<0.001		5.2		
	10/8/20		0.3		<1.4			41	10	1070	1055			3.3		
	10/11/20	173	0.03	<1	<1	106	0.00002	24	6	741		<0.001	<0.001	7.2	<1	<0.01
	10/11/20										716					
PBT00008	6/1/20		5.8		<14.3			38	28	1520				0.6		

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											7.1						
4			22						<0.001	7.3			40		4.1		0.7
											7.9						
5			22						<0.001	7	7.3		19	<0.02	5.1		<0.2
										7.6	7.7		7				
7	<1	<0.02	35	<0.002	<0.01	<0.001	<0.03	<1	<0.001	7.3			19	<0.02	4.6	<1	0.6
											6.8						
										6.6			20				
											7.5						
11			10						<0.001	6.6			31		4.1		1.7
											8						
											7.1						
5			14						<0.001	6.9			8	<0.02	2.2		0.8
										7.2	7.1		16				
6	<1	<0.02	12	0.034	<0.01	<0.001	<0.03	<1	<0.001	7			18	<0.02	1.8	<1	1.5
											7.4						
										7.1			10				

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		8.4	
	216		
		7.6	
		9.1	
		13.4	
<0.0020			0.002
		10.9	
		8.4	
	112		
		7	
		8.9	
		11.8	
<0.0020			0.004
		12.9	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00008	6/1/20										1495					
	18/2/20	405	4		<14.3	273		40	17	1600		<0.001		0.7		
	19/2/20										1762					
	13/5/20										1498					
	14/5/20	398	1.9		3.7	277		42	24	1640		<0.001		1.0		
	11/8/20		1.6		<9.3			49	24	1750	1606			0.4		
	11/11/20	356	0.19	<1	<1	220	0.00003	27	19	1330		<0.001	<0.001	2.4	<1	<0.01
	11/11/20										1272					
PBT00009	6/1/20		2.4		<2.9			32	16	1380				2.9		
	6/1/20										1319					
	18/2/20	392	2.6		<2.0	208		30	9	1330		<0.001		3.4		
	19/2/20										1489					
	13/5/20										1253					
	14/5/20	390	3.3		<1.0	202		30	17	1360		<0.001		3.5		
	11/8/20		2.7		<2.8			31	19	1300	1276			1.4		
	11/11/20	381	2.9	<1	<1	198	<0.00002	30	20	1270		<0.001	<0.001	3.5	<1	0.01
	11/11/20										1202					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPD (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
											6.9						
10			40						<0.001	7			13		10		<0.2
											7.74						
											6.8						
9			42						<0.001	7.1			39	4.19	8.6		<0.2
										7.4	7.5		16				
11	<1	0.02	31	6.67	<0.01	0.003	<0.03	<1	<0.001	7.3			7	<0.02	7.9	<1	0.6
											7.4						
										6.9			9				
											7.3						
7			28						<0.001	6.9			24		7.9		<0.2
											7.7						
											7						
6			27						<0.001	7.1			38	<0.02	7.6		<0.2
										7.4	7		41				
8	<1	0.06	25	8.63	<0.01	0.002	<0.03	<1	<0.001	7.3			12	<0.02	7.3	<1	0.5
											7.5						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		8.9	
	435		
		8	
		8.9	
		12.9	
<0.0020			0.009
		11.8	
		9.4	
	308		
		8.4	
		9.1	
		12.7	
<0.0020			0.006
		11.6	

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00010	6/1/20		0.3		<2.0			35	<5	1970				3.2		
	7/1/20										1882					
	18/2/20	27	0.05		<3.6	310		18	<5	1820		<0.001		2.1		
	19/2/20										2120					
	14/5/20	413	1.6		<2.0	224		56	<5	1940	1920	<0.001		2.5		
	11/11/20	175	0.3	<1	<1	265	0.00005	29	5	1890		<0.001	<0.001	2.4	<1	<0.01
	11/11/20										1689					
PBT00011	6/1/20		1.1		19.6			83	22	1190				1.8		
	7/1/20										1152					
	18/2/20	371	1.2		13.5	112		76	30	1200		<0.001		1.7		
	19/2/20										1324					
	14/5/20	352	1.8		3.9	75		92	25	1160	1250	<0.001		2.2		
	11/8/20		1		<5.6			70	43	822	1245			0.3		
	10/11/20	358	0.8	<1	9.3	80	<0.00002	111	11	1690		<0.001	<0.001	1.2	<1	0.01
	11/11/20										1306					
PBT00012	6/1/20		<0.01		<2.0			59	11	1500				4.2		
	7/1/20										1422					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fld)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
										6.3			19				
											6.6						
17			61						<0.001	5.5			69		1.2		<0.2
											7.1						
21			54						<0.001	7	7.7	30.39	63	0.03	2.3		<0.2
23	<1	<0.02	59	6.18	<0.01	0.163	<0.03	<1	<0.001	6.7			22	<0.02	1.7	<1	<0.2
											6.7	12.02					
										6.5			51				
											7.1						
5			52						<0.001	6.6			64		17		<0.2
											7.4						
5			58						<0.001	6.8	7.7	18.67	34	0.16	9.8		<0.2
										7.1	7.5		69				
7	<1	<0.02	68	4.04	<0.01	<0.001	<0.03	<1	<0.001	7.9			85	0.09	5.7	<1	<0.2
											7.1						
										6.4			8				
											7.2						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
		10.9	
	1030		
		10.2	
		11.1	
<0.0020			0.025
		12.2	
		10.4	
	152		
		11.2	
		10.8	
		13.2	
<0.0026			<0.002
		11.6	
		8.4	

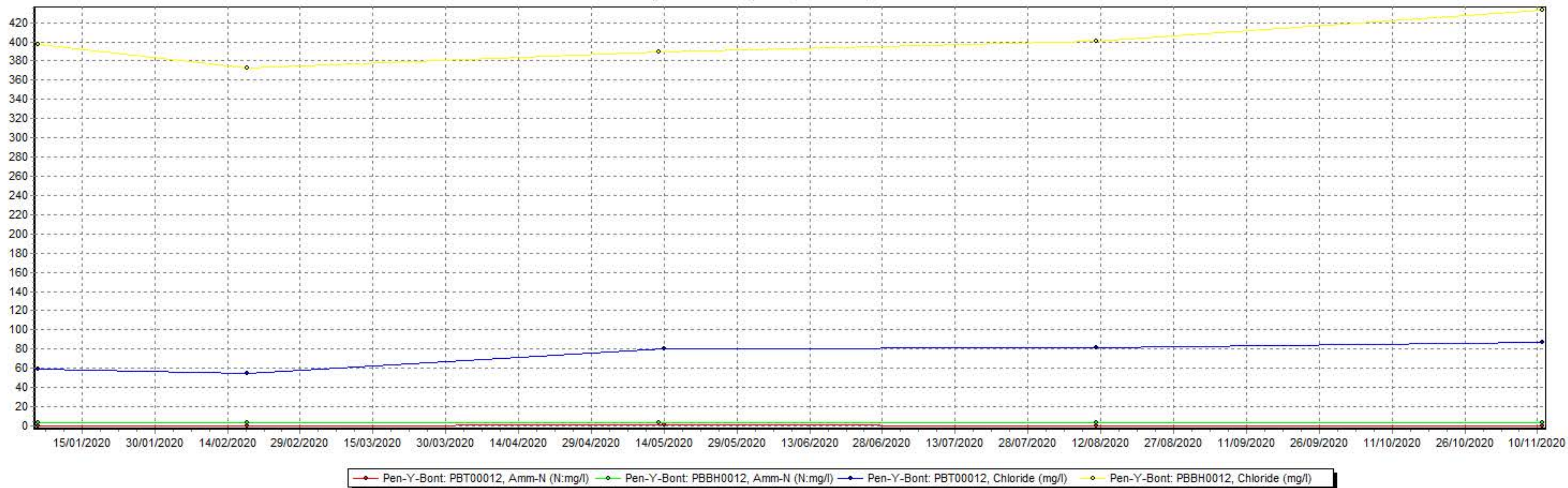
Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	Benzene	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	COD	Cond (uS / cm)	Cond(Fld) (uS / cm)	Cr(D) (mg/l)	Cu(D) (mg/l)	DO(Lab)	Ethyl Benzene	Fe(D) (mg/l)
PBT00012	18/2/20	183	0.01		<2.0	217		55	<5	1380		<0.001		4.3		
	19/2/20										1299					
	13/5/20										1757					
	14/5/20	275	1.0		<1.0	301		80	14	1840		<0.001		3.7		
	11/8/20		0.1		<2.8			82	15	1820	1542			1.5		
	11/11/20	275	0.09	<1	<1	371	0.00007	87	16	2070		<0.001	0.002	4.4	<1	<0.01
	11/11/20										1801					
PBT00013	6/1/20		1.2		<5.7			56	7	1810				1.8		
	7/1/20										1747					
	18/2/20	349	1.1		<9.5	228		51	<5	1760		<0.001		1.2		
	19/2/20										2060					
	13/5/20										1693					
	14/5/20	300	1.9		1.2	217		36	5	1720		<0.001		2.4		
	11/8/20		1.4		<2.8			36	13	1650	1883			1.2		
	10/11/20	340	0.6	<1	3.3	221	<0.00002	50	14	1690		<0.001	<0.001	2.3	<1	0.01
	11/11/20										1482					

K(D) (mg/l)	m,p-xylene (ug/l)	MCPP (UG/L)	Mg(D) (mg/l)	Mn(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	o-Phosphate (P:mg/l)	o-xylene (ug/l)	Pb(D) (mg/l)	pH (Lab)	pH(Fid)	Purge Vol. (litres)	S.Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	Toluene (ug/l)	TON (mg/l)
5			31						<0.001	6.4			29		4.8		0.7
											7.5						
											6.8	10.81					
6			42						<0.001	6.6			21	0.03	4.6		0.7
										7	7.3		41				
8	<1	<0.02	50	0.218	<0.01	0.002	<0.03	<1	<0.001	7			19	0.02	5.2	<1	1
											7.4	21.83					
										6.5			81				
											6.8						
10			64						<0.001	6.6			109		4.9		<0.2
											7.4						
											6.8						
10			59						<0.001	6.8			31	<0.02	3.5		<0.2
										7.2	7.2		45				
13	<1	<0.02	58	3.9	<0.01	<0.001	<0.03	<1	<0.001	7.9			50	0.02	4.9	<1	0.3
											7.5						

Total Phenols (mg/l)	Total S(D) SO4:mg/l	WtrTemp (Deg C)	Zn(D) (mg/l)
	481		
		8	
		11.1	
		12.6	
<0.0020			0.002
		11.1	
		8.8	
	619		
		9	
		10.1	
		12.4	
<0.0020			0.006
		11.3	

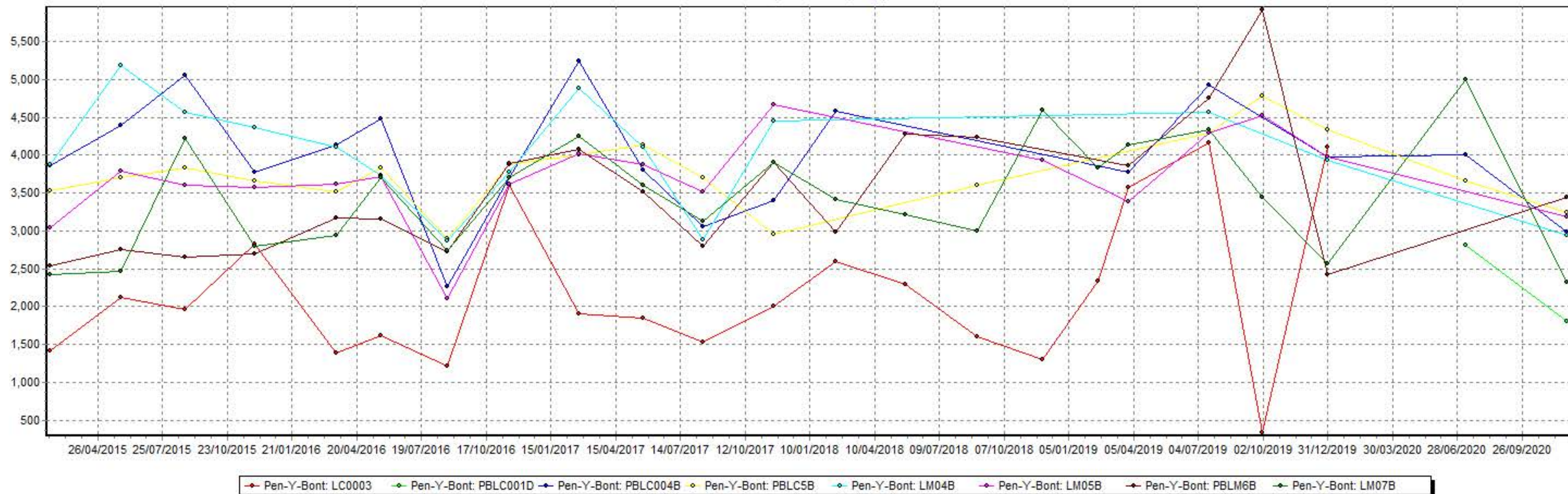
Time Series Graph of selected Sample Point, Data Source, Variable combination.



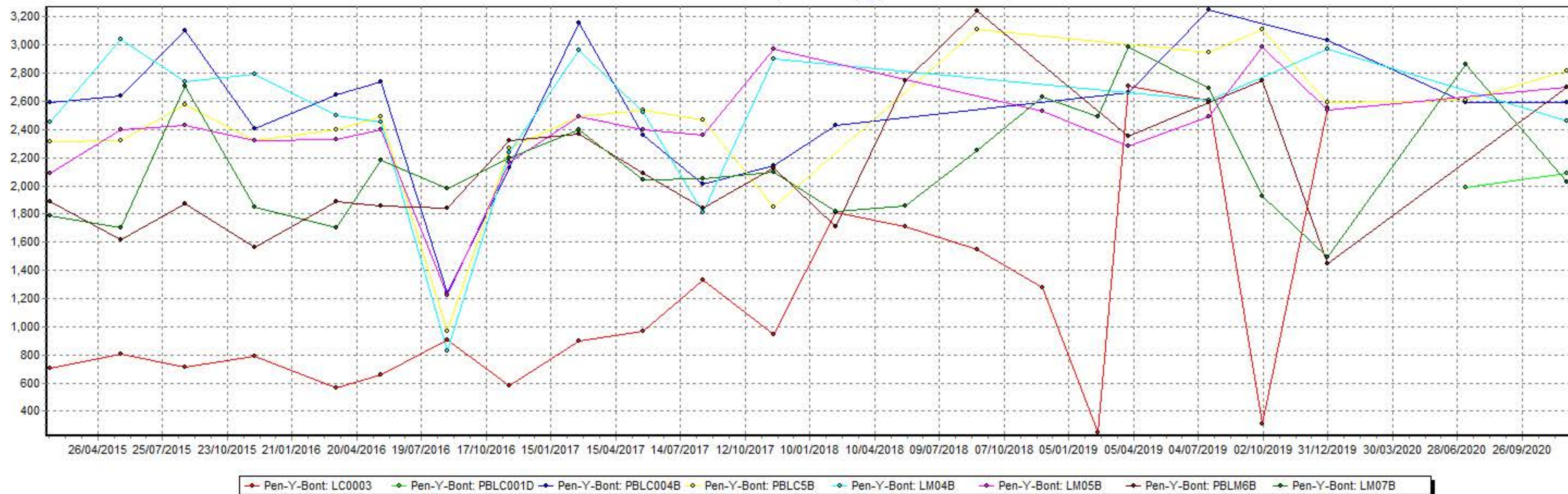
APPENDIX 4

LEACHATE QUALITY & LEVELS DATA

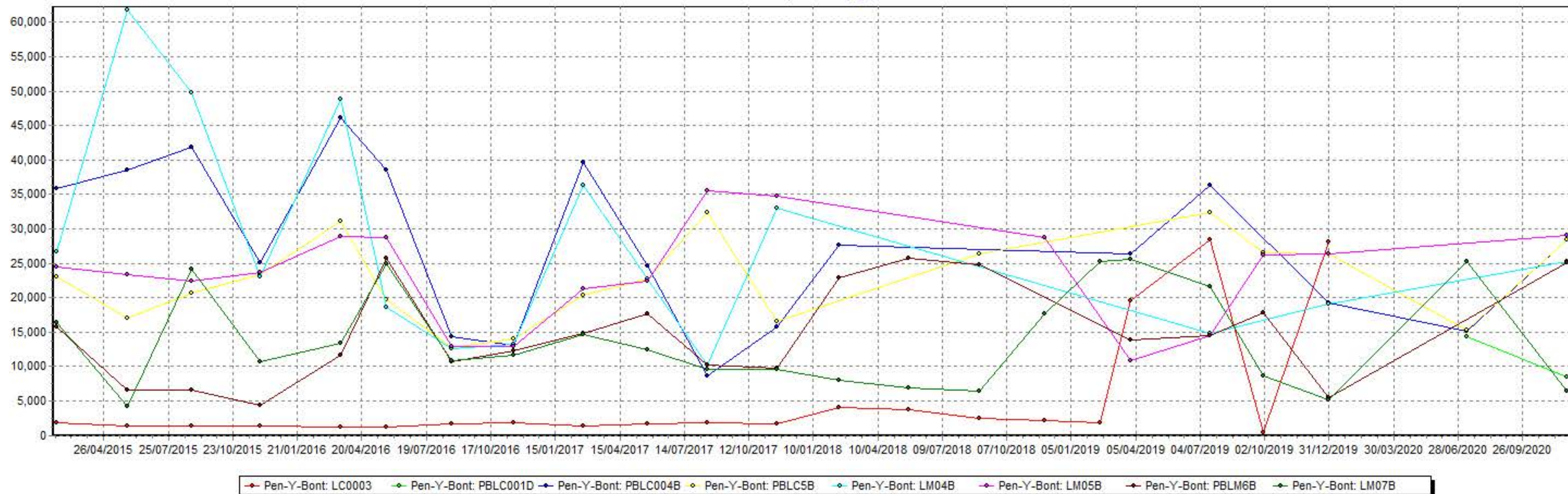
Time Series Graph of Amm-N (N:mg/l)



Time Series Graph of Chloride (mg/l)



Time Series Graph of COD (mg/l)



Environmental Monitoring Report

Report period from: 01/01/2020 to 31/12/2020

Summary of contents: count of records by site and suite

	Total		NW Water Quality
Total	274	35	239
Pen-Y-Bont	274	35	239

This report presents monitoring results for the period shown above.
It groups records firstly by site, then for each suite of variables selected - presents:

- Statistical summary table for each sample point
- A table of raw data grouped by sample point

Summary statistics

Pen-Y-Bont

		Cresols	Dimethylphenols (mg/	Mercury (Diss)	Phenol	Trimethylphenols
LM04B	Count	1	1	1	1	1
	Max	8.41	22.20	0.00	21.30	0.50
	Min	8.41	22.20	0.00	21.30	0.50
	Mean	8.41	22.20	0.00	21.30	0.50
	Median	8.41	22.20	0.00	21.30	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00
LM05B	Count	1	1	1	1	1
	Max	12.00	44.00	0.00	24.00	0.50
	Min	12.00	44.00	0.00	24.00	0.50
	Mean	12.00	44.00	0.00	24.00	0.50
	Median	12.00	44.00	0.00	24.00	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00
LM07B	Count	1	1	1	1	1
	Max	0.50	17.50	0.00	0.78	0.50
	Min	0.50	17.50	0.00	0.78	0.50
	Mean	0.50	17.50	0.00	0.78	0.50
	Median	0.50	17.50	0.00	0.78	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00
PBL001D	Count	1	1	1	1	1
	Max	2.86	10.70	0.00	2.48	0.50
	Min	2.86	10.70	0.00	2.48	0.50
	Mean	2.86	10.70	0.00	2.48	0.50
	Median	2.86	10.70	0.00	2.48	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00

		Cresols	Dimethylphenols (mg/	Mercury (Diss)	Phenol	Trimethylphenols
PBLC004B	Count	1	1	1	1	1
	Max	9.27	33.90	0.00	19.30	0.50
	Min	9.27	33.90	0.00	19.30	0.50
	Mean	9.27	33.90	0.00	19.30	0.50
	Median	9.27	33.90	0.00	19.30	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00
PBLC5B	Count	1	1	1	1	1
	Max	9.94	31.30	0.00	20.20	0.50
	Min	9.94	31.30	0.00	20.20	0.50
	Mean	9.94	31.30	0.00	20.20	0.50
	Median	9.94	31.30	0.00	20.20	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00
PBLM6B	Count	1	1	1	1	1
	Max	6.25	31.80	0.00	13.60	0.50
	Min	6.25	31.80	0.00	13.60	0.50
	Mean	6.25	31.80	0.00	13.60	0.50
	Median	6.25	31.80	0.00	13.60	0.50
	Std Dev	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00

Monitoring data

Pen-Y-Bont

		Cresols	Dimethylphenols (mg/	Mercury (Diss)	Phenol	Trimethylphenols
LM04B	27/11/20	8.41	22.2	<0.00030	21.3	<0.50
LM05B	27/11/20	12	44	<0.00030	24	<0.50
LM07B	27/11/20	<0.50	17.5	<0.00030	0.78	<0.50
PBLC001D	27/11/20	2.86	10.7	<0.00030	2.48	<0.50
PBLC004B	27/11/20	9.27	33.9	<0.00030	19.3	<0.50
PBLC5B	27/11/20	9.94	31.3	<0.00030	20.2	<0.50
PBLM6B	27/11/20	6.25	31.8	<0.00030	13.6	<0.50

Date Range:01/01/2020 to 31/12/2020

Summary statistics

Pen-Y-Bont

NW Water Quality

		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	CN(T)	COD	Cond (uS / cm)	DO(Lab)	Fe(D) (mg/l)	K(D) (mg/l)
LM04B	Count	1	1	1	1	1	1	1	1	1	1	1	1
	Max	20,800.00	2,940.00	11,900.00	34.00	0.01	2,460.00	0.13	25,300.00	40,900.00	0.30	5.70	1,420.00
	Min	20,800.00	2,940.00	11,900.00	34.00	0.01	2,460.00	0.13	25,300.00	40,900.00	0.30	5.70	1,420.00
	Mean	20,800.00	2,940.00	11,900.00	34.00	0.01	2,460.00	0.13	25,300.00	40,900.00	0.30	5.70	1,420.00
	Median	20,800.00	2,940.00	11,900.00	34.00	0.01	2,460.00	0.13	25,300.00	40,900.00	0.30	5.70	1,420.00
	Std Dev	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LM05B	Count	1	1	1	1	1	1	1	1	1	1	1	1
	Max	22,100.00	3,180.00	12,200.00	21.00	0.00	2,700.00	0.17	29,100.00	44,500.00	0.40	7.71	1,530.00
	Min	22,100.00	3,180.00	12,200.00	21.00	0.00	2,700.00	0.17	29,100.00	44,500.00	0.40	7.71	1,530.00
	Mean	22,100.00	3,180.00	12,200.00	21.00	0.00	2,700.00	0.17	29,100.00	44,500.00	0.40	7.71	1,530.00
	Median	22,100.00	3,180.00	12,200.00	21.00	0.00	2,700.00	0.17	29,100.00	44,500.00	0.40	7.71	1,530.00
	Std Dev	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LM07B	Count	2	2	2	2	1	2	1	2	2	2	1	2
	Max	28,000.00	5,000.00	4,480.00	24.00	0.00	2,860.00	0.09	25,300.00	50,700.00	0.40	4.66	1,510.00
	Min	21,000.00	2,320.00	2,000.00	10.00	0.00	2,030.00	0.09	6,400.00	37,800.00	0.30	4.66	1,130.00
	Mean	24,500.00	3,660.00	3,240.00	17.00	0.00	2,445.00	0.09	15,850.00	44,250.00	0.35	4.66	1,320.00
	Median	24,500.00	3,660.00	3,240.00	17.00	0.00	2,445.00	0.09	15,850.00	44,250.00	0.35	4.66	1,320.00
	Std Dev	4,949.75	1,895.05	1,753.62	9.90	0.00	586.90	0.00	13,364.32	9,121.68	0.07	0.00	268.70
	Variance	24,500,000.00	3,591,200.00	3,075,200.00	98.00	0.00	344,450.00	0.00	178,605,000.00	83,205,000.00	0.01	0.00	72,200.00
PBL001D	Count	2	2	2	2	1	2	1	2	2	2	1	2
	Max	16,300.00	2,810.00	4,120.00	171.00	0.01	2,090.00	0.09	14,300.00	35,300.00	2.30	0.05	1,090.00
	Min	15,000.00	1,800.00	2,240.00	36.00	0.01	1,990.00	0.09	8,480.00	31,500.00	0.20	0.05	35.00
	Mean	15,650.00	2,305.00	3,180.00	103.50	0.01	2,040.00	0.09	11,390.00	33,400.00	1.25	0.05	562.50
	Median	15,650.00	2,305.00	3,180.00	103.50	0.01	2,040.00	0.09	11,390.00	33,400.00	1.25	0.05	562.50
	Std Dev	919.24	714.18	1,329.36	95.46	0.00	70.71	0.00	4,115.36	2,687.01	1.48	0.00	746.00
	Variance	845,000.00	510,050.00	1,767,200.00	9,112.50	0.00	5,000.00	0.00	16,936,200.00	7,220,000.00	2.21	0.00	556,512.50

MCPP (UG/L)	Mg(D) (mg/l)	Na(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	Pb(D) (mg/l)	pH (Lab)	S Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	TON (mg/l)	Total S(D) SO4:mg/l	Zn(D) (mg/l)
1 164.00 164.00 164.00 164.00 0.00 0.00	1 31.00 31.00 31.00 31.00 0.00 0.00	1 3,480.00 3,480.00 3,480.00 3,480.00 0.00 0.00	1 9.01 9.01 9.01 9.01 0.00 0.00	1 0.26 0.26 0.26 0.26 0.00 0.00	1 0.05 0.05 0.05 0.05 0.00 0.00	1 8.50 8.50 8.50 8.50 0.00 0.00	1 704.00 704.00 704.00 704.00 0.00 0.00	1 1.78 1.78 1.78 1.78 0.00 0.00	1 8,200.00 8,200.00 8,200.00 8,200.00 0.00 0.00	1 9.40 9.40 9.40 9.40 0.00 0.00	1 209.00 209.00 209.00 209.00 0.00 0.00	1 0.41 0.41 0.41 0.41 0.00 0.00
1 193.00 193.00 193.00 193.00 0.00 0.00	1 50.00 50.00 50.00 50.00 0.00 0.00	1 3,150.00 3,150.00 3,150.00 3,150.00 0.00 0.00	1 10.10 10.10 10.10 10.10 0.00 0.00	1 0.41 0.41 0.41 0.41 0.00 0.00	1 0.06 0.06 0.06 0.06 0.00 0.00	1 8.30 8.30 8.30 8.30 0.00 0.00	1 811.00 811.00 811.00 811.00 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 9,400.00 9,400.00 9,400.00 9,400.00 0.00 0.00	1 2.00 2.00 2.00 2.00 0.00 0.00	1 220.00 220.00 220.00 220.00 0.00 0.00	1 0.28 0.28 0.28 0.28 0.00 0.00
1 105.00 105.00 105.00 105.00 0.00 0.00	2 46.00 10.00 28.00 28.00 25.46 648.00	1 2,890.00 2,890.00 2,890.00 2,890.00 0.00 0.00	1 4.92 4.92 4.92 4.92 0.00 0.00	1 0.40 0.40 0.40 0.40 0.00 0.00	2 0.06 0.03 0.04 0.04 0.02 0.00	2 8.50 8.00 8.25 8.25 0.35 0.13	2 452.00 50.00 251.00 251.00 284.26 80,802.00	2 2.66 1.32 1.99 1.99 0.95 0.90	2 9,400.00 2,200.00 5,800.00 5,800.00 5,091.17 25,920,000.00	2 10.80 2.00 6.40 6.40 6.22 38.72	1 150.00 150.00 150.00 150.00 0.00 0.00	1 0.16 0.16 0.16 0.16 0.00 0.00
1 81.80 81.80 81.80 81.80 0.00 0.00	2 45.00 7.00 26.00 26.00 26.87 722.00	1 593.00 593.00 593.00 593.00 0.00 0.00	1 6.61 6.61 6.61 6.61 0.00 0.00	1 0.33 0.33 0.33 0.33 0.00 0.00	2 0.01 0.01 0.01 0.01 0.00 0.00	2 8.40 8.10 8.25 8.25 0.21 0.05	2 505.00 50.00 277.50 277.50 321.73 103,512.50	2 3.80 1.44 2.62 2.62 1.67 2.78	2 4,800.00 3,000.00 3,900.00 3,900.00 1,272.79 1,620,000.00	2 2.00 2.00 2.00 2.00 0.00 0.00	1 12.00 12.00 12.00 12.00 0.00 0.00	1 0.19 0.19 0.19 0.19 0.00 0.00

Date Range: 01/01/2020 to 31/12/2020

		Alk (CaCO ₃ :mg/l)	Amn-N (N:mg/l)	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	CN(T)	COD	Cond (uS / cm)	DO(Lab)	Fe(D) (mg/l)	K(D) (mg/l)
PBLC004B	Count	2	2	2	2	1	2	1	2	2	2	1	2
	Max	23,500.00	4,000.00	11,700.00	21.00	0.00	2,590.00	0.15	28,500.00	44,500.00	0.40	7.56	1,510.00
	Min	22,100.00	2,980.00	5,600.00	17.00	0.00	2,590.00	0.15	15,100.00	43,200.00	0.30	7.56	1,330.00
	Mean	22,800.00	3,490.00	8,650.00	19.00	0.00	2,590.00	0.15	21,800.00	43,850.00	0.35	7.56	1,420.00
	Median	22,800.00	3,490.00	8,650.00	19.00	0.00	2,590.00	0.15	21,800.00	43,850.00	0.35	7.56	1,420.00
	Std Dev	989.95	721.25	4,313.35	2.83	0.00	0.00	0.00	9,475.23	919.24	0.07	0.00	127.28
	Variance	980,000.00	520,200.00	18,605,000.00	8.00	0.00	0.00	0.00	89,780,000.00	845,000.00	0.01	0.00	16,200.00
PBLC5B	Count	2	2	2	2	1	2	1	2	2	2	1	2
	Max	21,800.00	3,660.00	9,330.00	22.00	0.00	2,820.00	0.17	28,500.00	44,500.00	0.30	7.82	1,530.00
	Min	21,000.00	3,240.00	7,980.00	19.00	0.00	2,610.00	0.17	15,300.00	41,600.00	0.10	7.82	1,310.00
	Mean	21,400.00	3,450.00	8,655.00	20.50	0.00	2,715.00	0.17	21,900.00	43,050.00	0.20	7.82	1,420.00
	Median	21,400.00	3,450.00	8,655.00	20.50	0.00	2,715.00	0.17	21,900.00	43,050.00	0.20	7.82	1,420.00
	Std Dev	565.69	296.98	954.59	2.12	0.00	148.49	0.00	9,333.81	2,050.61	0.14	0.00	155.56
	Variance	320,000.00	88,200.00	911,250.00	4.50	0.00	22,050.00	0.00	87,120,000.00	4,205,000.00	0.02	0.00	24,200.00
PBLM6B	Count	1	1	1	1	1	1	1	1	1	1	1	1
	Max	22,100.00	3,440.00	12,400.00	14.00	0.00	2,700.00	0.12	25,100.00	45,800.00	0.40	8.65	1,470.00
	Min	22,100.00	3,440.00	12,400.00	14.00	0.00	2,700.00	0.12	25,100.00	45,800.00	0.40	8.65	1,470.00
	Mean	22,100.00	3,440.00	12,400.00	14.00	0.00	2,700.00	0.12	25,100.00	45,800.00	0.40	8.65	1,470.00
	Median	22,100.00	3,440.00	12,400.00	14.00	0.00	2,700.00	0.12	25,100.00	45,800.00	0.40	8.65	1,470.00
	Std Dev	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Variance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MCP (UG/L)	Mg(D) (mg/l)	Na(D) (mg/l)	Naphthalene (ug/l)	Ni(D) (mg/l)	Pb(D) (mg/l)	pH (Lab)	S Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	TON (mg/l)	Total S(D) SO4:mg/l	Zn(D) (mg/l)
1 172.00 172.00 172.00 172.00 0.00 0.00	2 52.00 29.00 40.50 40.50 16.26 264.50	1 3,950.00 3,950.00 3,950.00 3,950.00 0.00 0.00	1 10.00 10.00 10.00 10.00 0.00 0.00	1 0.43 0.43 0.43 0.43 0.00 0.00	2 0.06 0.01 0.04 0.04 0.04 0.00	2 8.40 8.20 8.30 8.30 0.14 0.02	2 731.00 50.00 390.50 390.50 481.54 231,880.50	2 5.65 1.30 3.48 3.48 3.08 9.46	2 9,000.00 5,400.00 7,200.00 7,200.00 2,545.58 6,480,000.00	2 2.00 2.00 2.00 2.00 0.00 0.00	1 222.00 222.00 222.00 222.00 0.00 0.00	1 0.39 0.39 0.39 0.39 0.00 0.00
1 219.00 219.00 219.00 219.00 0.00 0.00	2 49.00 34.00 41.50 41.50 10.61 112.50	1 3,060.00 3,060.00 3,060.00 3,060.00 0.00 0.00	1 7.28 7.28 7.28 7.28 0.00 0.00	1 0.43 0.43 0.43 0.43 0.00 0.00	2 0.08 0.01 0.04 0.04 0.05 0.00	2 8.30 8.20 8.25 8.25 0.07 0.01	2 749.00 50.00 399.50 399.50 494.27 244,300.50	2 2.92 1.16 2.04 2.04 1.24 1.55	2 9,600.00 5,100.00 7,350.00 7,350.00 3,181.98 10,125,000.00	2 2.00 2.00 2.00 2.00 0.00 0.00	1 220.00 220.00 220.00 220.00 0.00 0.00	1 0.55 0.55 0.55 0.55 0.00 0.00
1 157.00 157.00 157.00 157.00 0.00 0.00	1 11.00 11.00 11.00 11.00 0.00 0.00	1 3,700.00 3,700.00 3,700.00 3,700.00 0.00 0.00	1 4.73 4.73 4.73 4.73 0.00 0.00	1 0.54 0.54 0.54 0.54 0.00 0.00	1 0.10 0.10 0.10 0.10 0.00 0.00	1 8.20 8.20 8.20 8.20 0.00 0.00	1 751.00 751.00 751.00 751.00 0.00 0.00	1 1.00 1.00 1.00 1.00 0.00 0.00	1 8,000.00 8,000.00 8,000.00 8,000.00 0.00 0.00	1 2.00 2.00 2.00 2.00 0.00 0.00	1 238.00 238.00 238.00 238.00 0.00 0.00	1 1.09 1.09 1.09 1.09 0.00 0.00

Monitoring data
Pen-Y-Bont
NW Water Quality

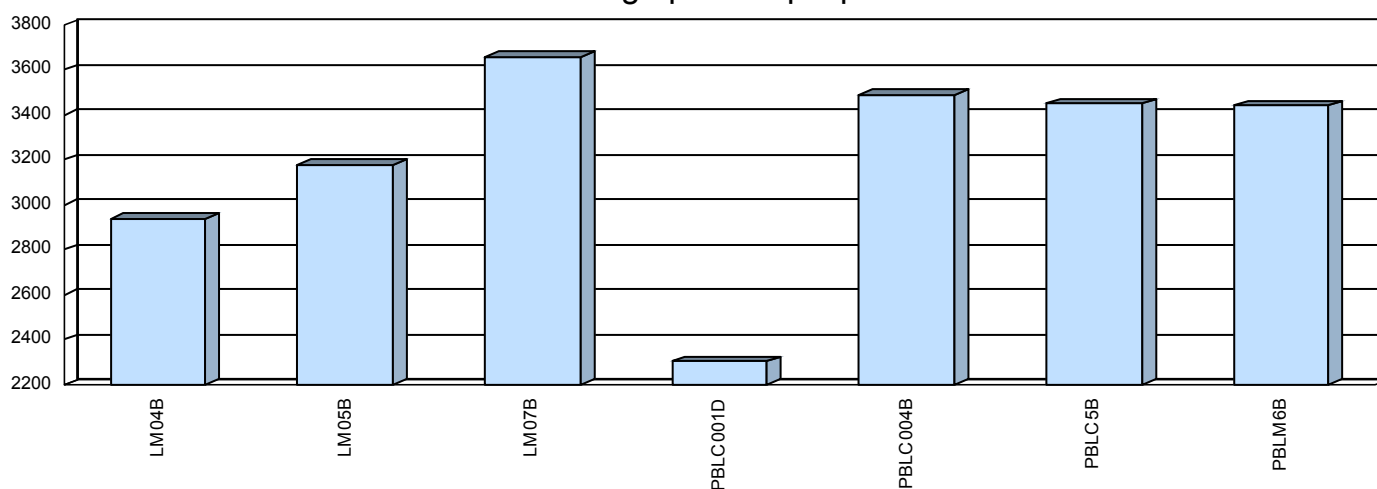
		Alk (CaCO ₃ :mg/l)	Amm-N (N:mg/l)	BOD	Ca(D) (mg/l)	Cd(D) (mg/l)	Chloride	CN(T)	COD	Cond (uS / cm)	DO(Lab)	Fe(D) (mg/l)	K(D) (mg/l)	MCP (UG/L)	Mg(D) (mg/l)	Na(D) (mg/l)
LM04B	27/11/20	20800	2940	11900	34	0.00576	2460	0.13	25300	40900	0.3	5.7	1420	164	31	3480
LM05B	27/11/20	22100	3180	12200	21	0.0021	2700	0.17	29100	44500	0.4	7.71	1530	193	50	3150
LM07B	10/7/20	28000	5000	>4480	<10		2860		25300	50700	0.4		1510		<10	
	27/11/20	21000	2320	<2000	24	0.00124	2030	0.09	6400	37800	0.3	4.66	1130	105	46	2890
PBLC001D	10/7/20	16300	2810	>2240	36		1990		14300	35300	0.2		1090		45	
	27/11/20	15000	1800	4120	171	0.0107	2090	0.09	8480	31500	2.3	0.05	35	81.8	7	593
PBLC004B	10/7/20	23500	4000	<5600	17		2590		15100	43200	0.3		1330		29	
	27/11/20	22100	2980	11700	21	0.002	2590	0.15	28500	44500	0.4	7.56	1510	172	52	3950
PBLC5B	10/7/20	21000	3660	<9330	19		2610		15300	41600	0.1		1310		34	
	27/11/20	21800	3240	7980	22	0.00193	2820	0.17	28500	44500	0.3	7.82	1530	219	49	3060
PBLM6B	27/11/20	22100	3440	12400	14	0.00215	2700	0.12	25100	45800	0.4	8.65	1470	157	11	3700

Naphthalene (ug/l)	Ni(D) (mg/l)	Pb(D) (mg/l)	pH (Lab)	S Solids (mg/l)	Sulphide (mg/l)	TOC (mg/l)	TON (mg/l)	Total S(D) SO4:mg/l	Zn(D) (mg/l)
9.01	0.257	0.047	8.5	704	1.78	8200	9.4	209	0.406
10.1	0.407	0.059	8.3	811	1	9400	<2.0	220	0.275
		0.061	8.5	<50	2.66	9400	10.8		
4.92	0.396	0.027	8	452	1.32	2200	<2.0	150	0.157
		<0.010	8.1	<50	1.44	4800	<2.0		
6.61	0.331	0.011	8.4	505	3.8	3000	<2.0	12	0.19
		<0.010	8.2	<50	5.65	5400	<2.0		
10	0.427	0.062	8.4	731	1.3	9000	<2.0	222	0.388
		<0.010	8.2	<50	2.92	5100	<2.0		
7.28	0.432	0.078	8.3	749	1.16	9600	<2.0	220	0.547
4.73	0.537	0.102	8.2	751	1	8000	<2.0	238	1.09

Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont**Summary of breaches (no.)**

	LM04B	LM05B	LM07B	PBLC001D	PBLC004B	PBLC5B	PBLM6B	Total
Amm-N (N:mg/l)	0	0	0	0	0	0	0	0
Chloride	0	0	0	0	0	0	0	0
COD	0	0	0	0	0	0	0	0
Cond (uS / cm)	0	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average per sample point

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
LM04B	1	0	2,940.00	2,940.00	2,940.00	2,940.00	0.00	0.00	2,940.00
LM05B	1	0	3,180.00	3,180.00	3,180.00	3,180.00	0.00	0.00	3,180.00
LM07B	2	0	2,320.00	5,000.00	3,660.00	7,320.00	1,340.00	1,795,600.00	5,000.00
PBLC001D	2	0	1,800.00	2,810.00	2,305.00	4,610.00	505.00	255,025.00	2,810.00
PBLC004B	2	0	2,980.00	4,000.00	3,490.00	6,980.00	510.00	260,100.00	4,000.00
PBLC5B	2	0	3,240.00	3,660.00	3,450.00	6,900.00	210.00	44,100.00	3,660.00
PBLM6B	1	0	3,440.00	3,440.00	3,440.00	3,440.00	0.00	0.00	3,440.00
Total	11	0	1,800.00	5,000.00	3,215.45	35,370.00	806.29	650,097.52	5,000.00

Data from: 1 Jan 2020 to: 31 Dec 2020

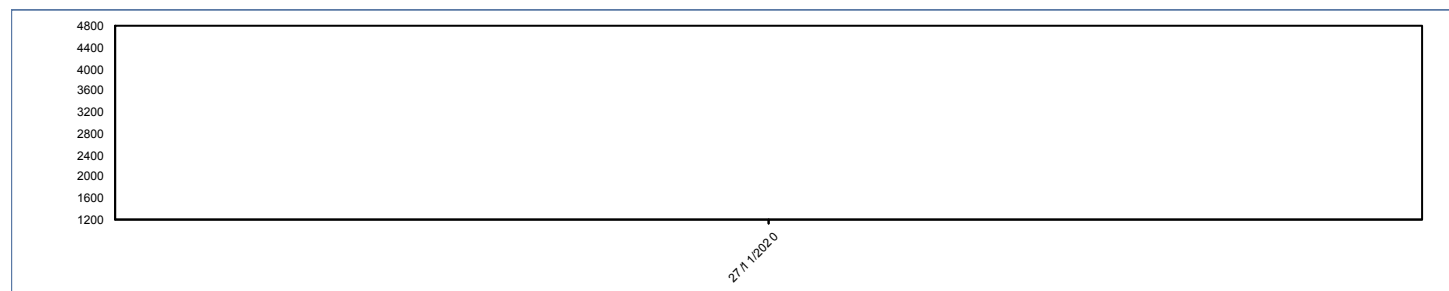
LM04B

Number of readings

1

Number of breaches

0



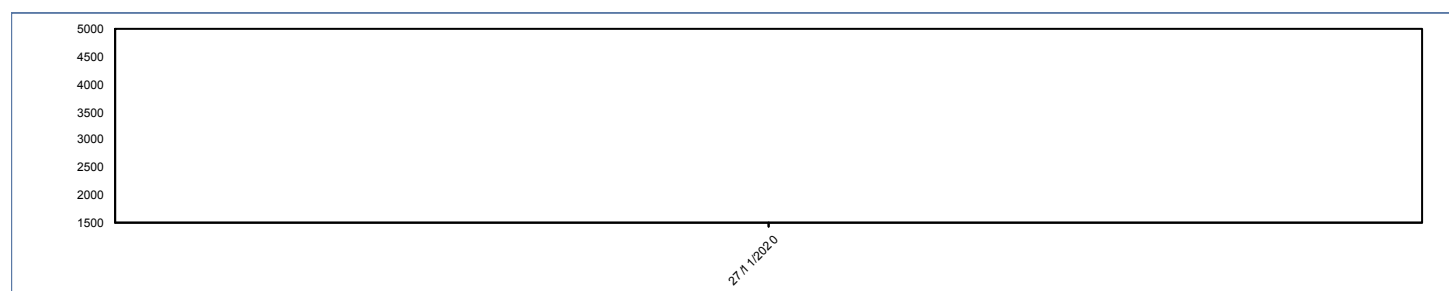
LM05B

Number of readings

1

Number of breaches

0



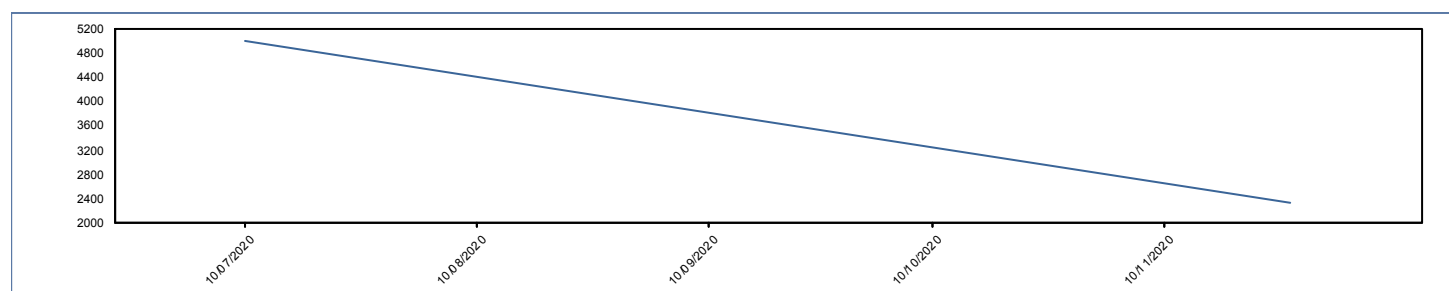
LM07B

Number of readings

2

Number of breaches

0



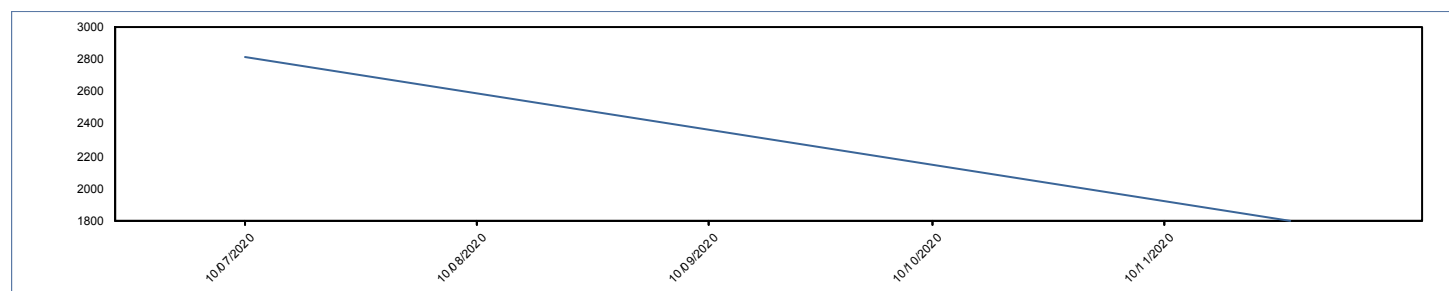
PBL001D

Number of readings

2

Number of breaches

0



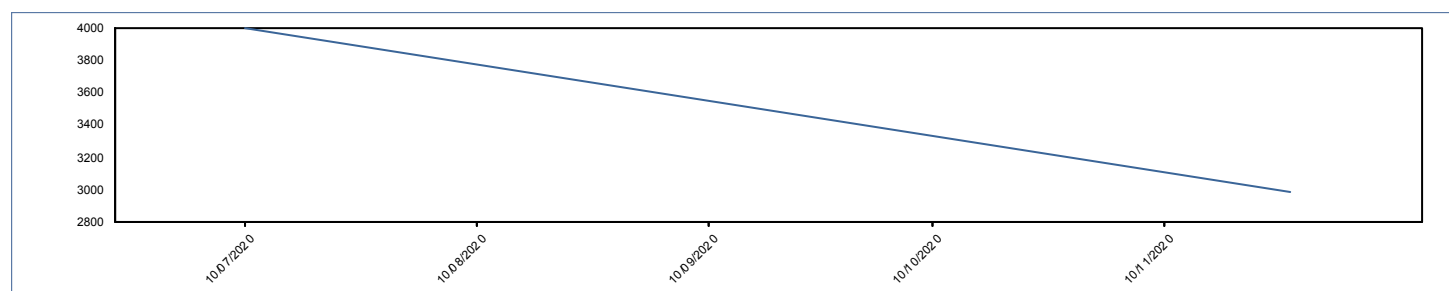
PBL004B

Number of readings

2

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

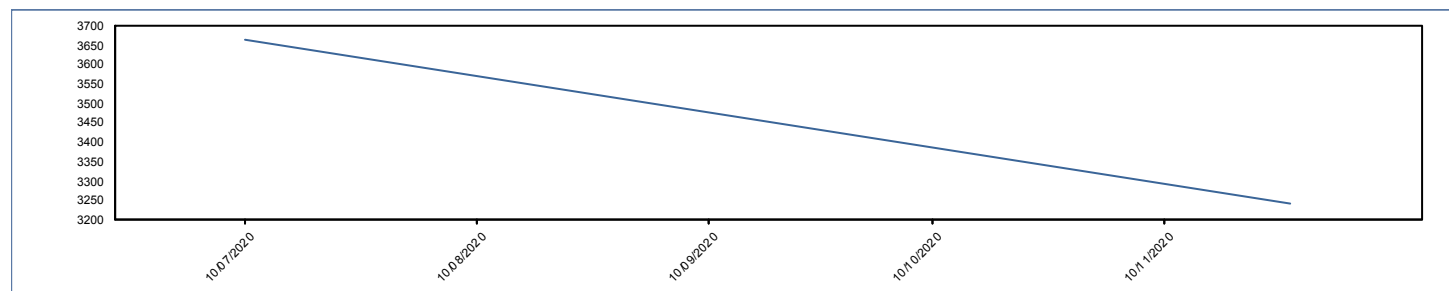
PBL5B

Number of readings

2

Number of breaches

0



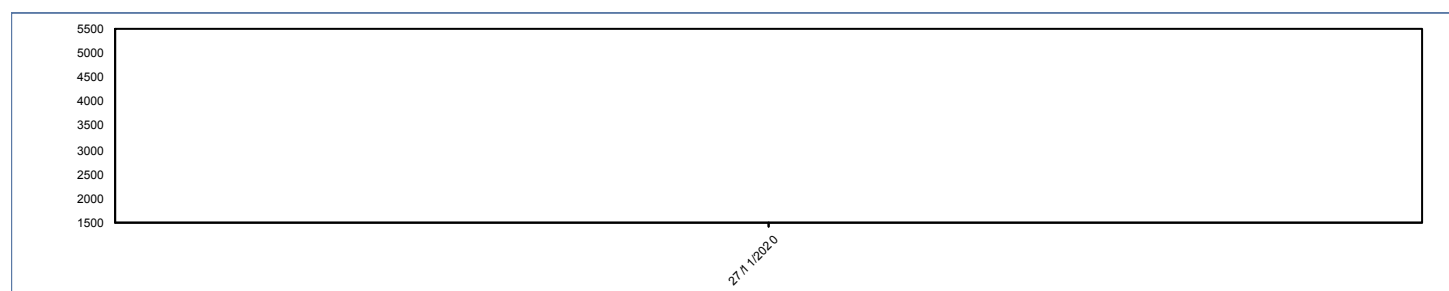
PBLM6B

Number of readings

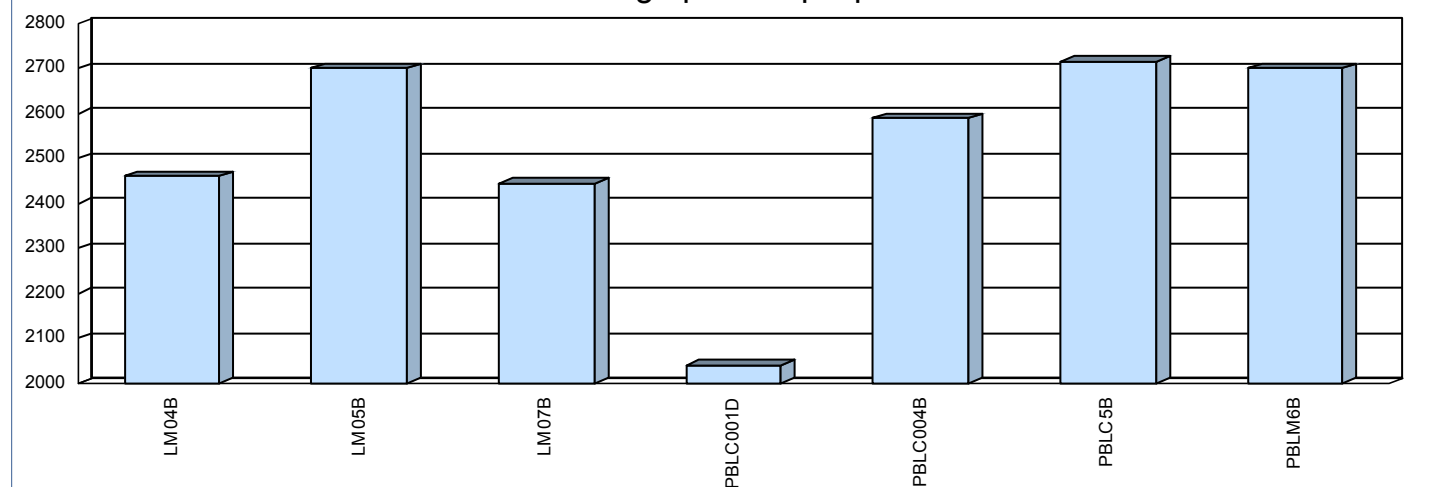
1

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
LM04B	1	0	2,460.00	2,460.00	2,460.00	2,460.00	0.00	0.00	2,460.00
LM05B	1	0	2,700.00	2,700.00	2,700.00	2,700.00	0.00	0.00	2,700.00
LM07B	2	0	2,030.00	2,860.00	2,445.00	4,890.00	415.00	172,225.00	2,860.00
PBLC001D	2	0	1,990.00	2,090.00	2,040.00	4,080.00	50.00	2,500.00	2,090.00
PBLC004B	2	0	2,590.00	2,590.00	2,590.00	5,180.00	0.00	0.00	2,590.00
PBLC5B	2	0	2,610.00	2,820.00	2,715.00	5,430.00	105.00	11,025.00	2,820.00
PBLM6B	1	0	2,700.00	2,700.00	2,700.00	2,700.00	0.00	0.00	2,700.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
Total	11	0	1,990.00	2,860.00	2,494.55	27,440.00	300.10	90,061.16	2,860.00

Data from: 1 Jan 2020 to: 31 Dec 2020

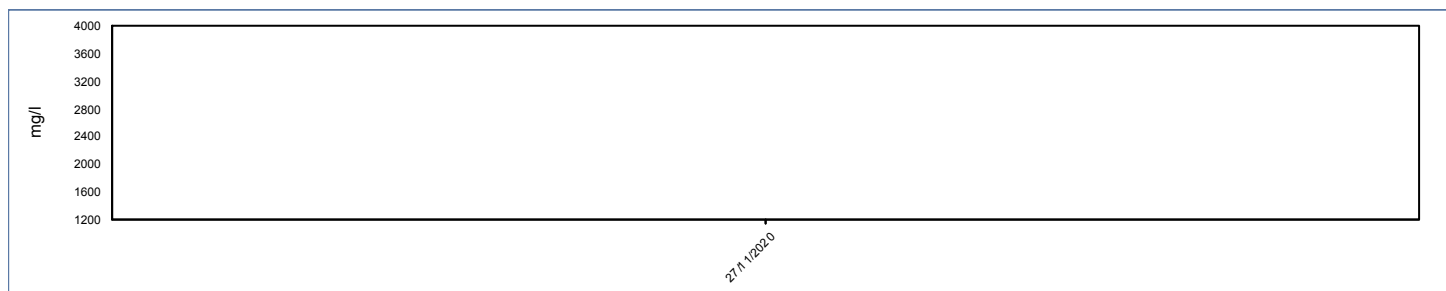
LM04B

Number of readings

1

Number of breaches

0



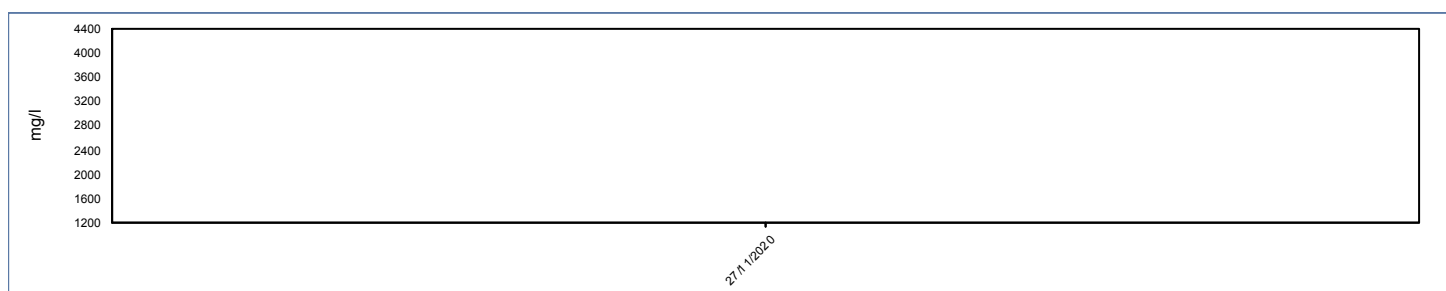
LM05B

Number of readings

1

Number of breaches

0



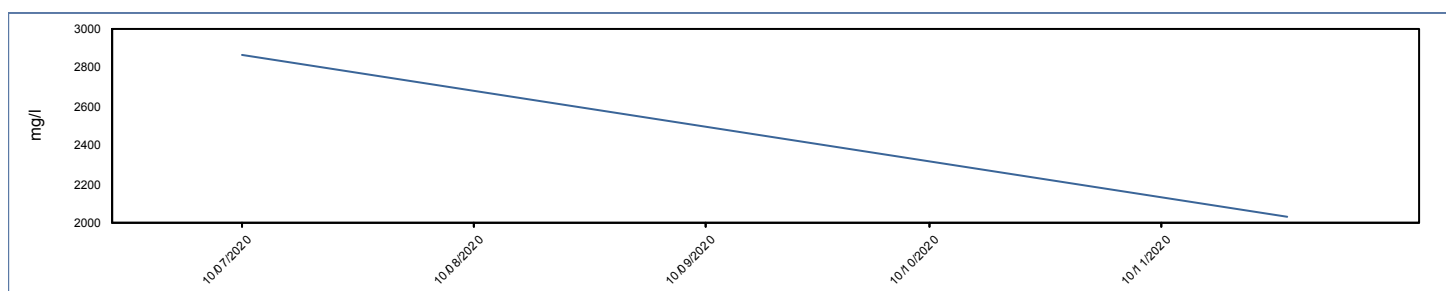
LM07B

Number of readings

2

Number of breaches

0



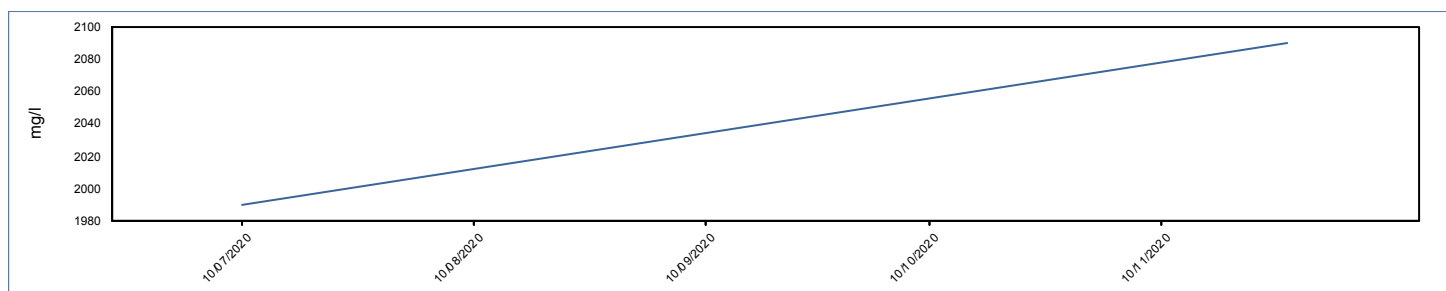
PBLC001D

Number of readings

2

Number of breaches

0



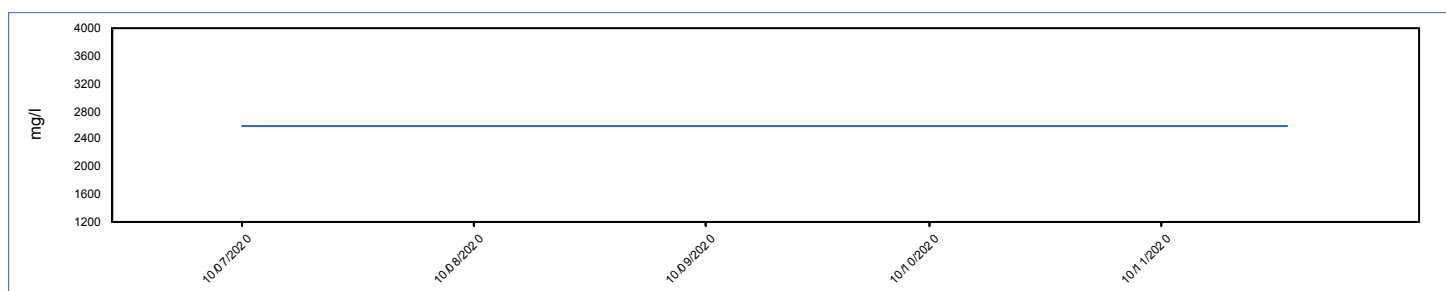
PBLC004B

Number of readings

2

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

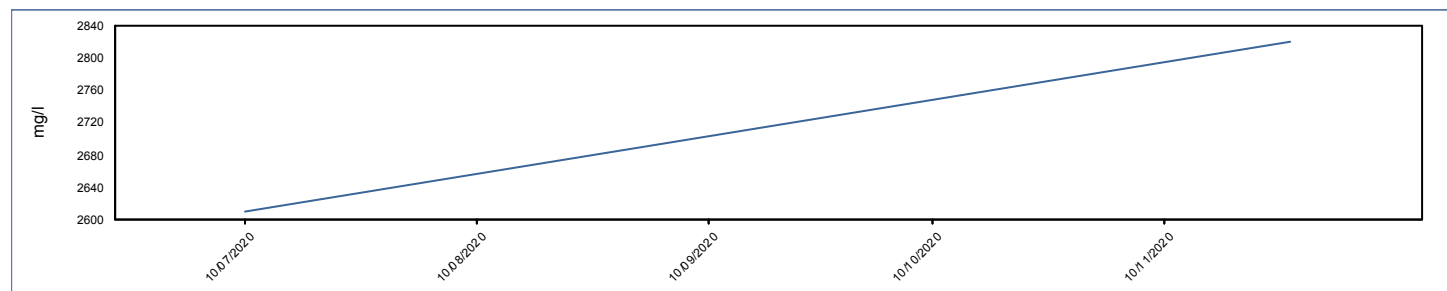
PBLC5B

Number of readings

2

Number of breaches

0

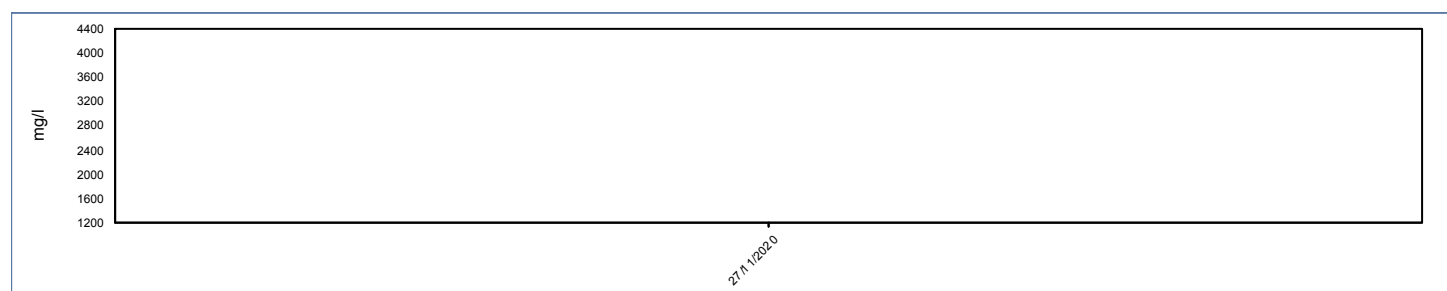
**PBLM6B**

Number of readings

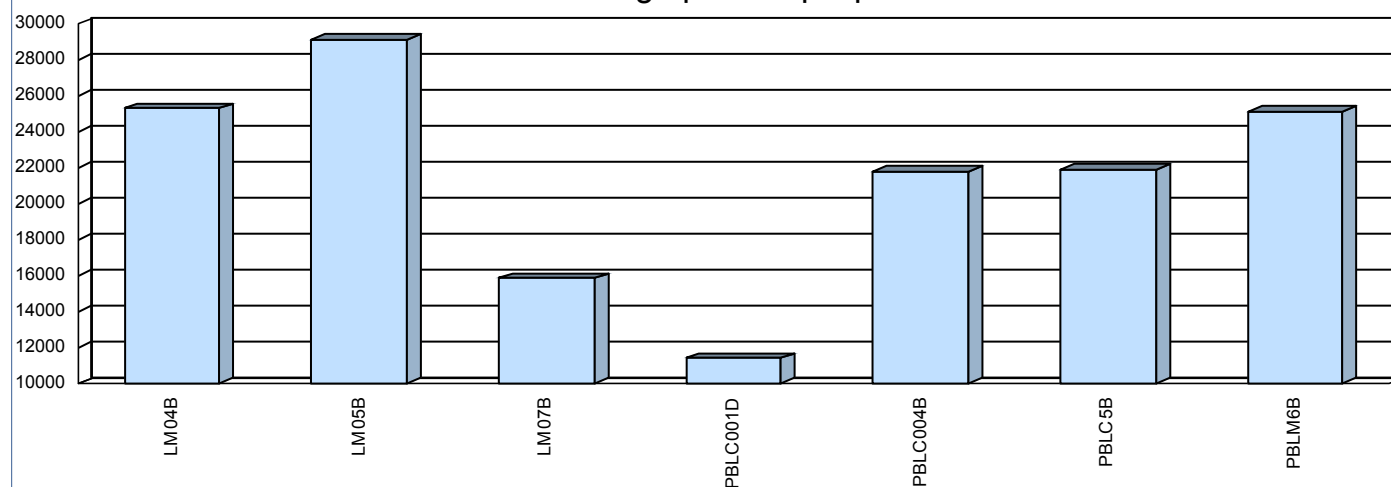
1

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
LM04B	1	0	25,300.00	25,300.00	25,300.00	25,300.00	0.00	0.00	25,300.00
LM05B	1	0	29,100.00	29,100.00	29,100.00	29,100.00	0.00	0.00	29,100.00
LM07B	2	0	6,400.00	25,300.00	15,850.00	31,700.00	9,450.00	89,302,500.00	25,300.00
PBLC001D	2	0	8,480.00	14,300.00	11,390.00	22,780.00	2,910.00	8,468,100.00	14,300.00
PBLC004B	2	0	15,100.00	28,500.00	21,800.00	43,600.00	6,700.00	44,890,000.00	28,500.00
PBLC5B	2	0	15,300.00	28,500.00	21,900.00	43,800.00	6,600.00	43,560,000.00	28,500.00
PBLM6B	1	0	25,100.00	25,100.00	25,100.00	25,100.00	0.00	0.00	25,100.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
Total	11	0	6,400.00	29,100.00	20,125.45	221,380.00	8,009.01	64,144,297.52	29,100.00

Data from: 1 Jan 2020 to: 31 Dec 2020

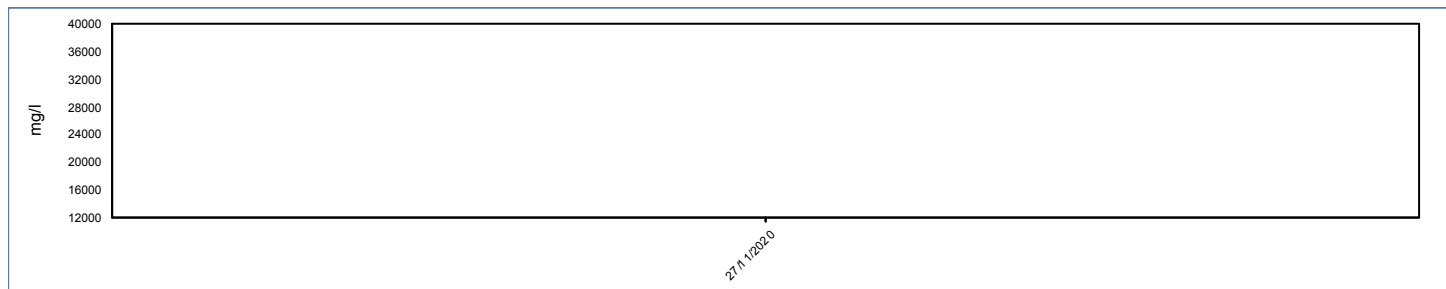
LM04B

Number of readings

1

Number of breaches

0



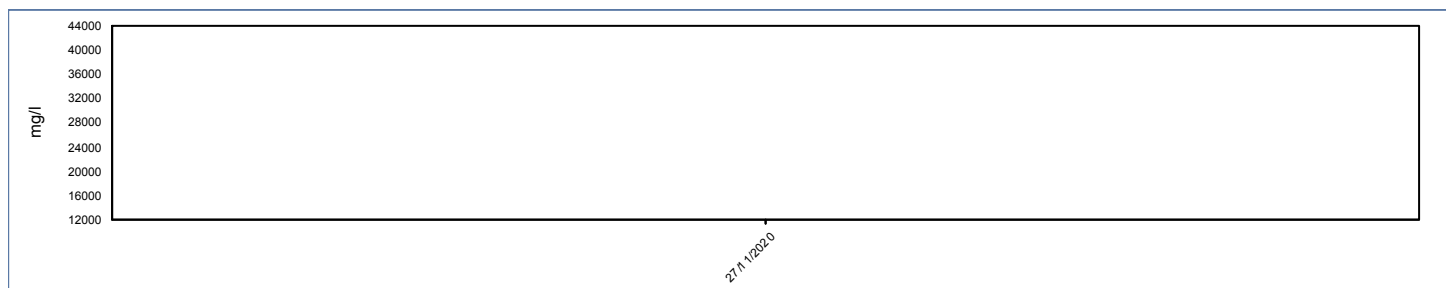
LM05B

Number of readings

1

Number of breaches

0



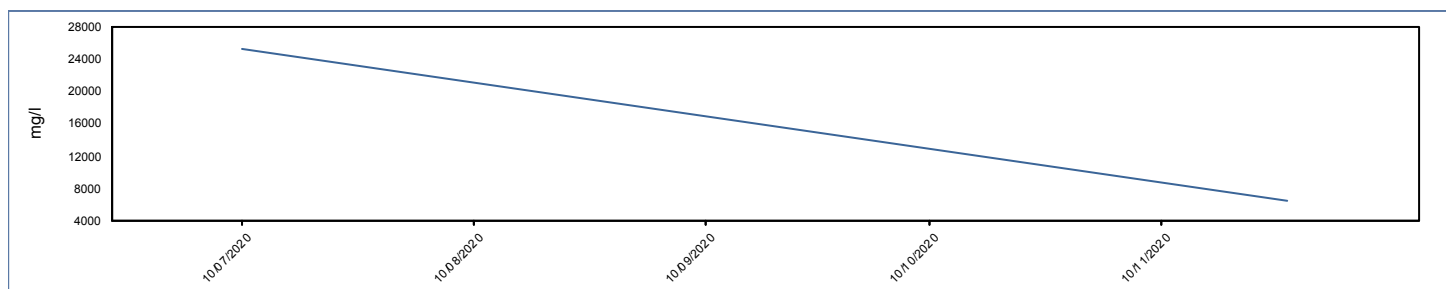
LM07B

Number of readings

2

Number of breaches

0



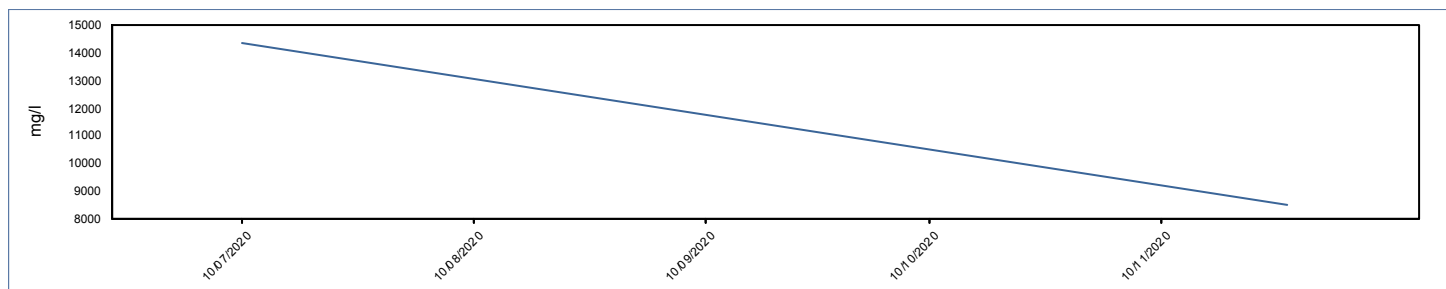
PBLC001D

Number of readings

2

Number of breaches

0



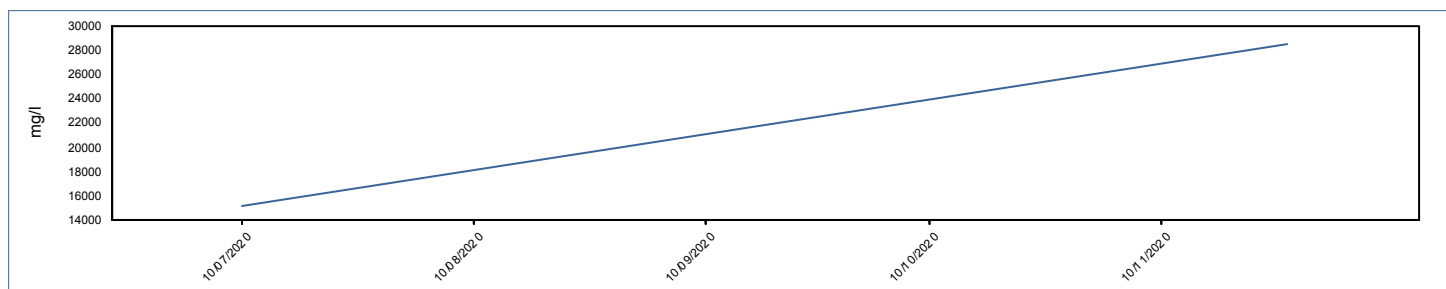
PBLC004B

Number of readings

2

Number of breaches

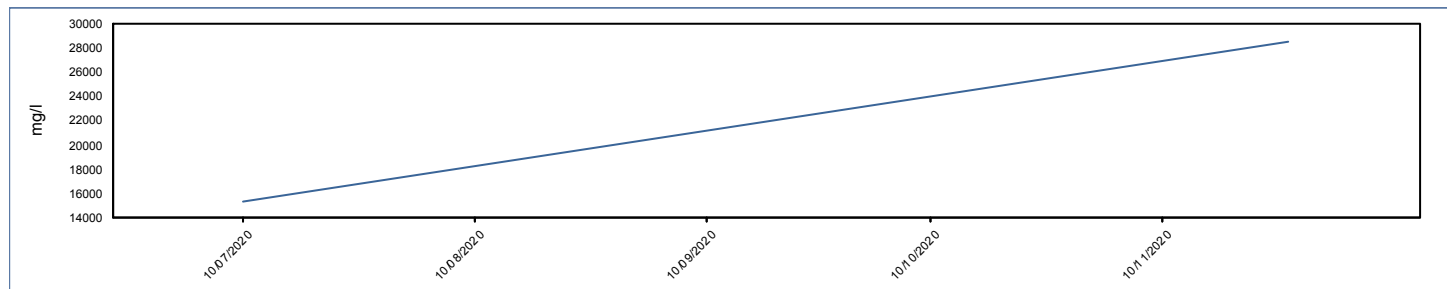
0



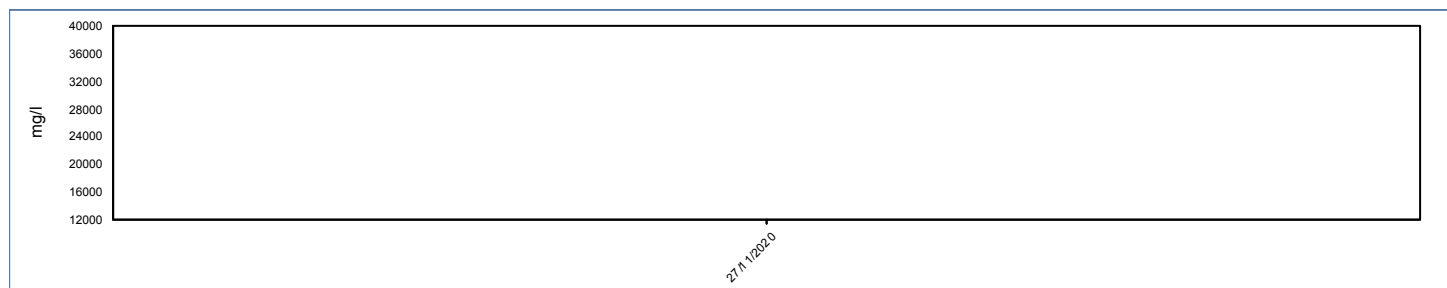
Data from: 1 Jan 2020 to: 31 Dec 2020

PBLC5B

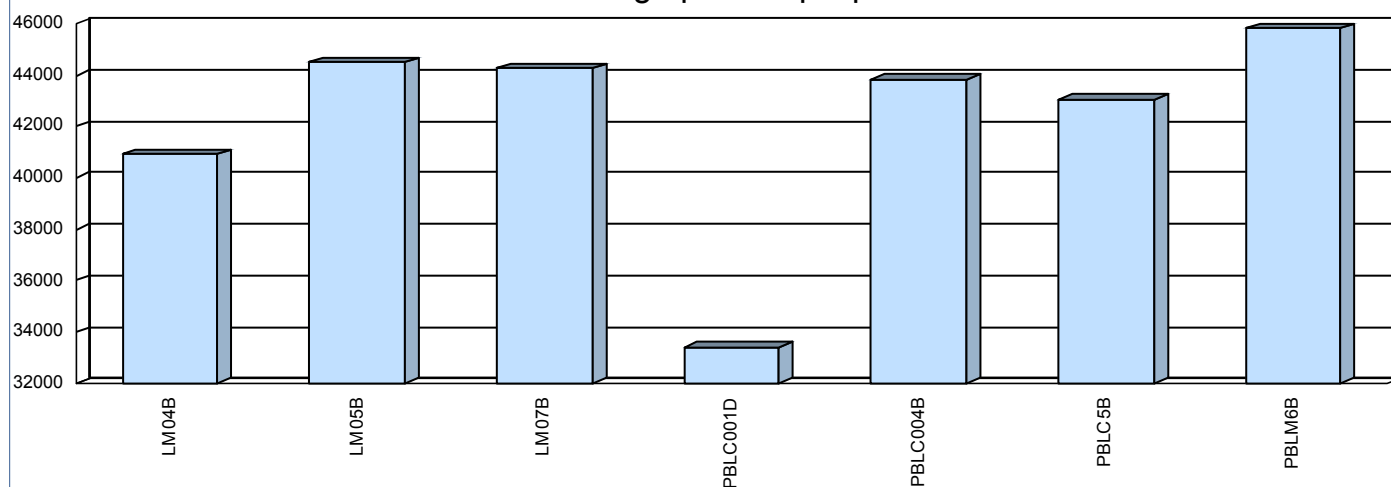
Number of readings 2 Number of breaches 0

**PBLM6B**

Number of readings 1 Number of breaches 0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
LM04B	1	0	40,900.00	40,900.00	40,900.00	40,900.00	0.00	0.00	40,900.00
LM05B	1	0	44,500.00	44,500.00	44,500.00	44,500.00	0.00	0.00	44,500.00
LM07B	2	0	37,800.00	50,700.00	44,250.00	88,500.00	6,450.00	41,602,500.00	50,700.00
PBL001D	2	0	31,500.00	35,300.00	33,400.00	66,800.00	1,900.00	3,610,000.00	35,300.00
PBL004B	2	0	43,200.00	44,500.00	43,850.00	87,700.00	650.00	422,500.00	44,500.00
PBL05B	2	0	41,600.00	44,500.00	43,050.00	86,100.00	1,450.00	2,102,500.00	44,500.00
PBLM6B	1	0	45,800.00	45,800.00	45,800.00	45,800.00	0.00	0.00	45,800.00

Data from: 1 Jan 2020 to: 31 Dec 2020

	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
Total	11	0	31,500.00	50,700.00	41,845.45	460,300.00	5,083.01	25,837,024.79	50,700.00

Data from: 1 Jan 2020 to: 31 Dec 2020

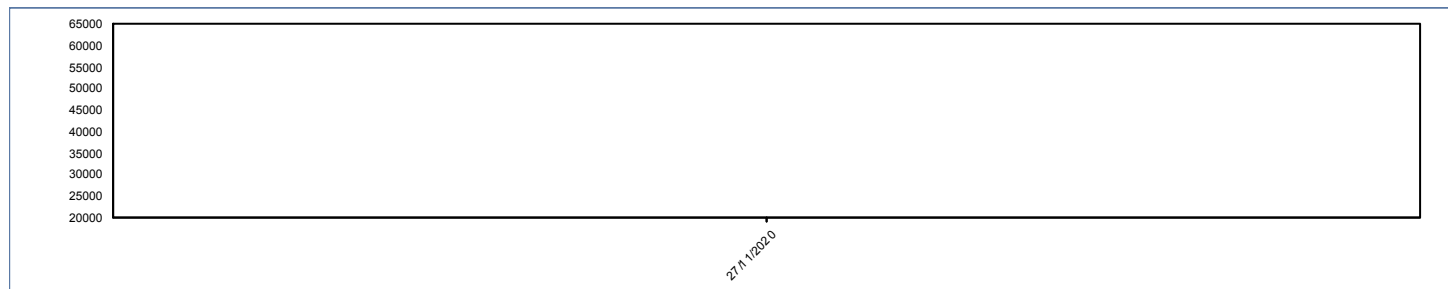
LM04B

Number of readings

1

Number of breaches

0



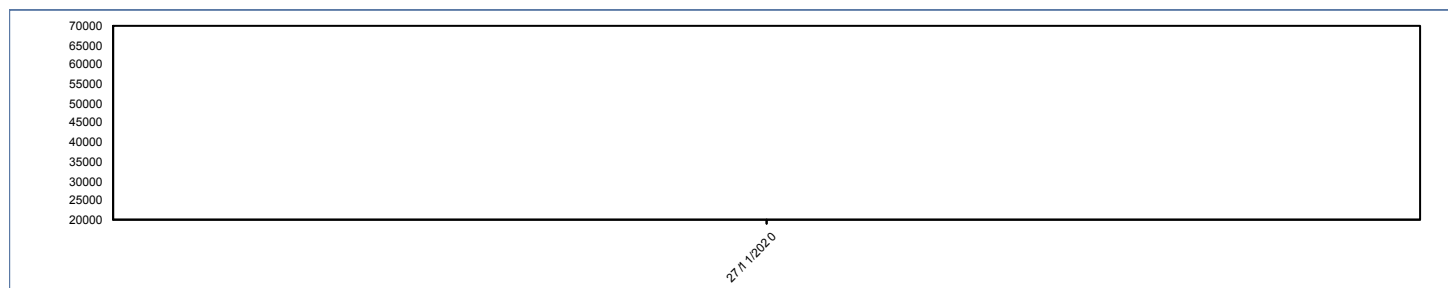
LM05B

Number of readings

1

Number of breaches

0



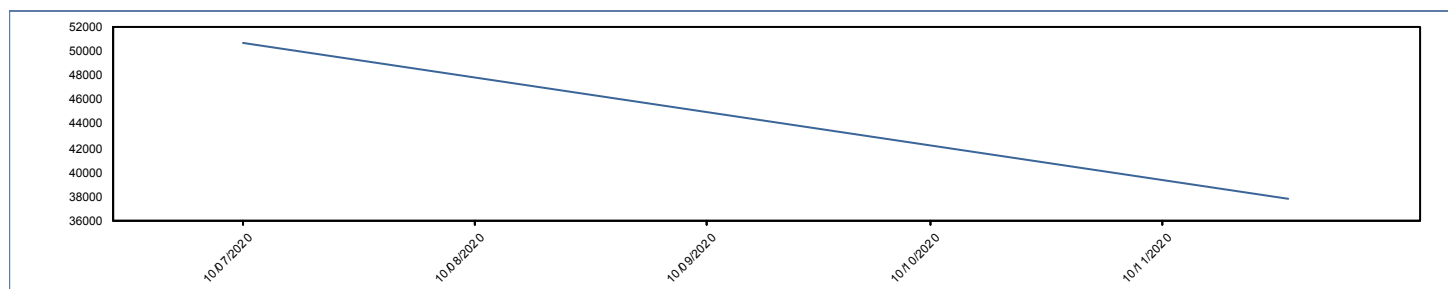
LM07B

Number of readings

2

Number of breaches

0



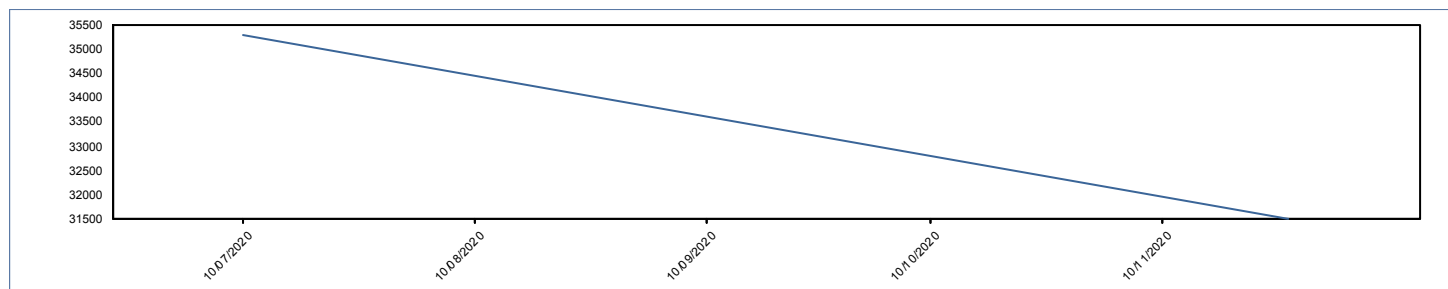
PBLC001D

Number of readings

2

Number of breaches

0



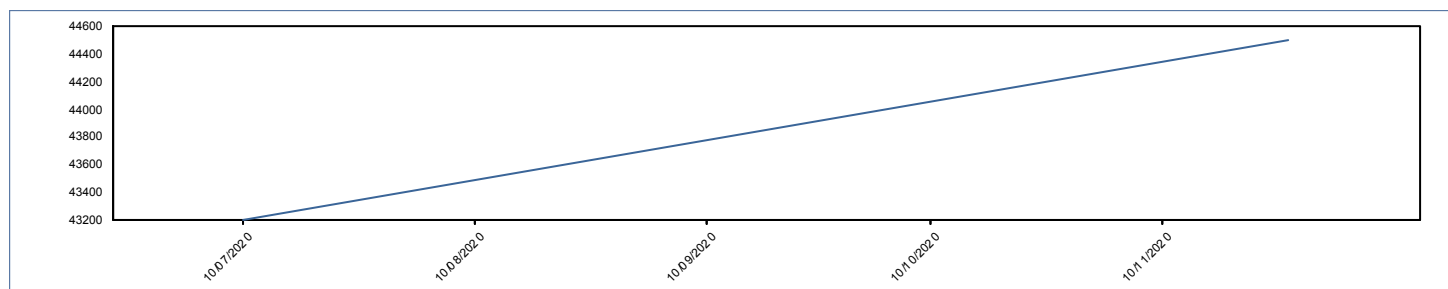
PBLC004B

Number of readings

2

Number of breaches

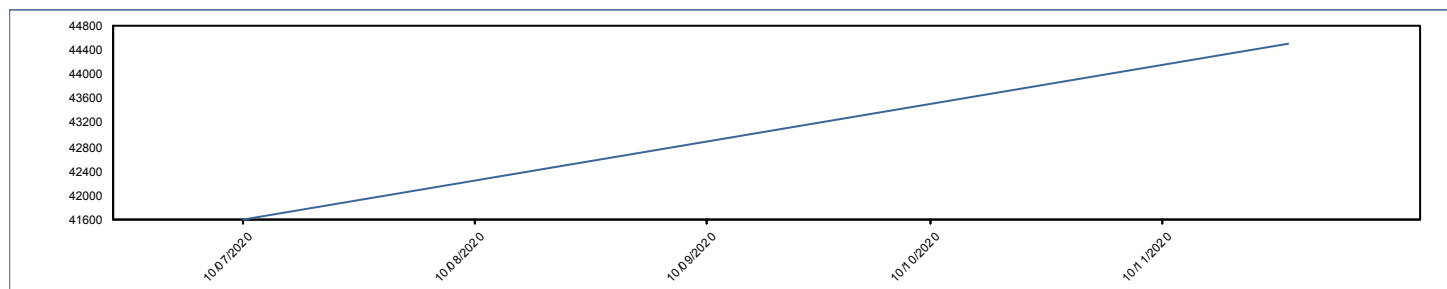
0



Data from: 1 Jan 2020 to: 31 Dec 2020

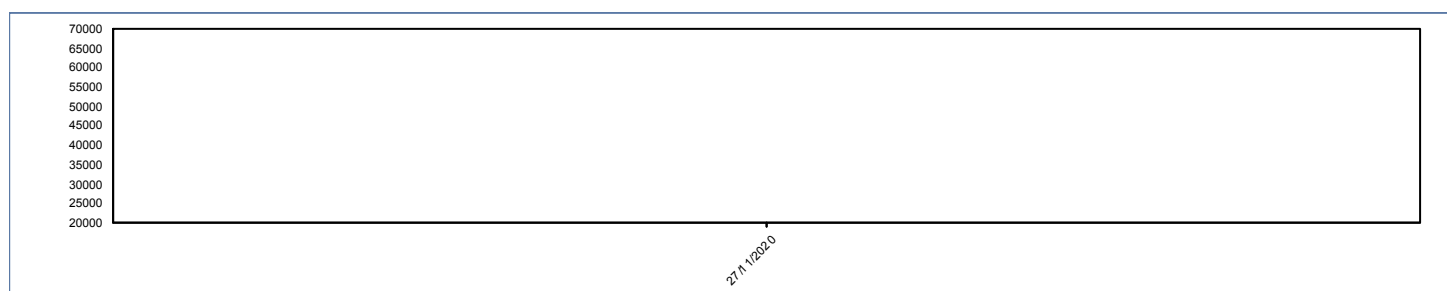
PBLC5B

Number of readings 2 Number of breaches 0



PBLM6B

Number of readings 1 Number of breaches 0



APPENDIX 5

SURFACE WATER QUALITY DATA

Data from: 1 Jan 2020 to: 31 Dec 2020

Pen-Y-Bont

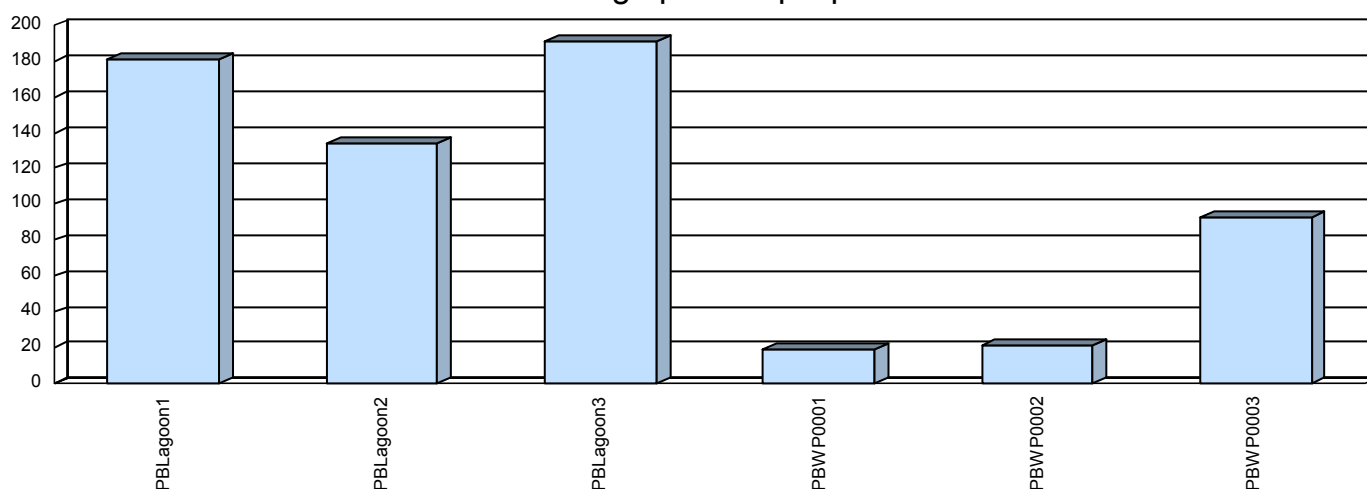
Summary of breaches (no.)

	PBLagoon1	PBLagoon2	PBLagoon3	PBWP0001	PBWP0002	PBWP0003	Total
Alk (CaCO3:mg/l)	0	0	0	0	0	0	0
Amm-N (N:mg/l)	0	0	0	0	0	0	0
BOD	0	0	0	0	0	0	0
Ca(D) (mg/l)	0	0	0	0	0	0	0
Cd(D) (mg/l)	0	0	0	0	0	0	0
Chloride	0	0	0	0	0	0	0
COD	0	0	0	0	0	0	0
Cond (uS / cm)	0	0	0	0	0	0	0
Cond(Fld) (uS / cm)	0	0	0	0	0	0	0
Cr(D) (mg/l)	0	0	0	0	0	0	0
Cu(D) (mg/l)	0	0	0	0	0	0	0
DO(Lab)	0	0	0	0	0	0	0
Fe(D) (mg/l)	0	0	0	0	0	0	0
Field Comments	0	0	0	0	0	0	0
K(D) (mg/l)	0	0	0	0	0	0	0
Mg(D) (mg/l)	0	0	0	0	0	0	0
Mn(D) (mg/l)	0	0	0	0	0	0	0
Na(D) (mg/l)	0	0	0	0	0	0	0
Ni(D) (mg/l)	0	0	0	0	0	0	0
o-Phosphate (P:mg/l)	0	0	0	0	0	0	0
Pb(D) (mg/l)	0	0	0	0	0	0	0
pH (Lab)	0	0	0	0	0	0	0
pH(Fld)	0	0	0	0	0	0	0
S.Solids (mg/l)	0	0	0	0	0	0	0
TOC (mg/l)	0	0	0	0	0	0	0
TON (mg/l)	0	0	0	0	0	0	0
Total S(D) SO4:mg/l	0	0	0	0	0	0	0

Data from: 1 Jan 2020 to: 31 Dec 2020

	PBLagoon1	PBLagoon2	PBLagoon3	PBWP0001	PBWP0002	PBWP0003	Total
TPH-FTIR (mg/l)	0	0	0	0	0	0	0
WtrTemp (Deg C)	0	0	0	0	0	0	0
Zn(D) (mg/l)	0	0	0	0	0	0	0
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	181.00	181.00	181.00	181.00	0.00	0.00	181.00
PBLagoon2	1	0	134.00	134.00	134.00	134.00	0.00	0.00	134.00
PBLagoon3	1	0	191.00	191.00	191.00	191.00	0.00	0.00	191.00
PBWP0001	3	0	17.00	21.00	19.13	57.40	1.64	2.70	21.00
PBWP0002	3	0	18.30	23.00	21.43	64.30	2.22	4.91	23.00
PBWP0003	3	0	20.00	236.00	92.57	277.70	101.43	10,287.04	236.00
Total	12	0	17.00	236.00	75.45	905.40	80.60	6,495.98	236.00

Data from: 1 Jan 2020 to: 31 Dec 2020

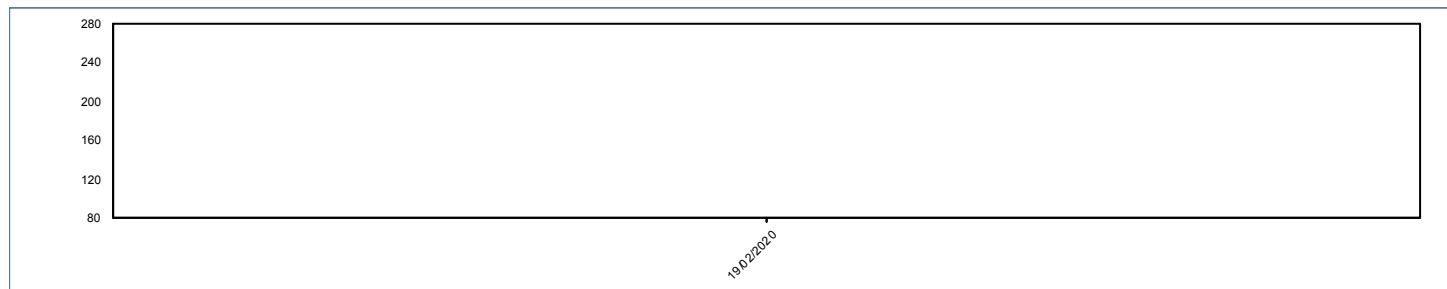
PBLagoon1

Number of readings

1

Number of breaches

0



PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



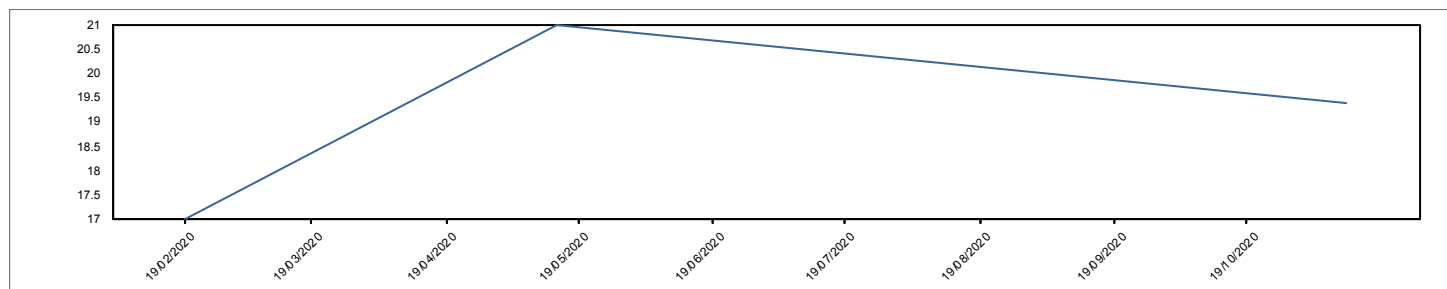
PBWP0001

Number of readings

3

Number of breaches

0



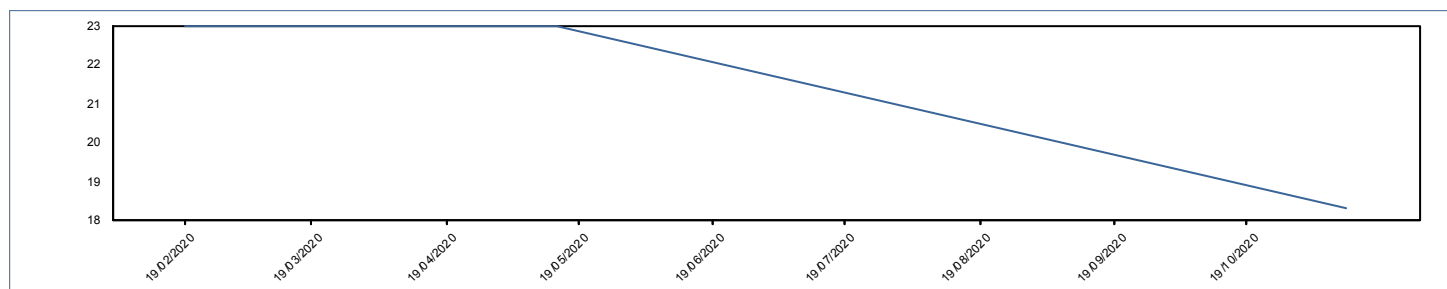
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

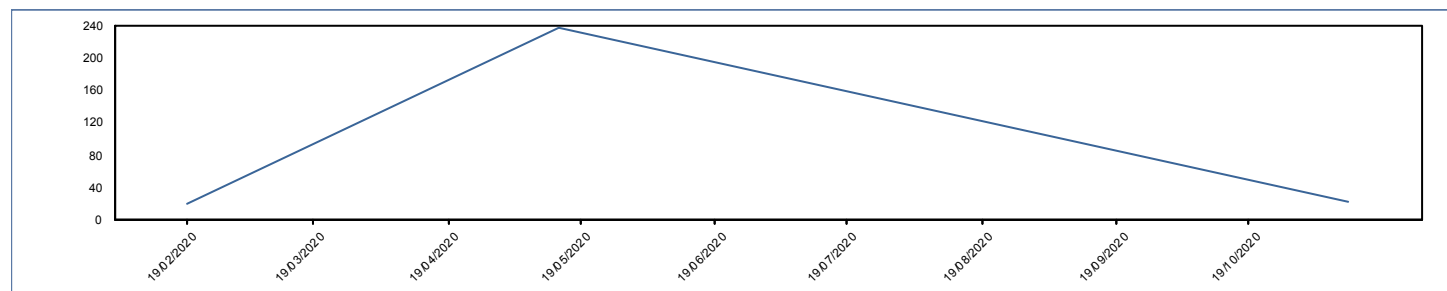
PBWP0003

Number of readings

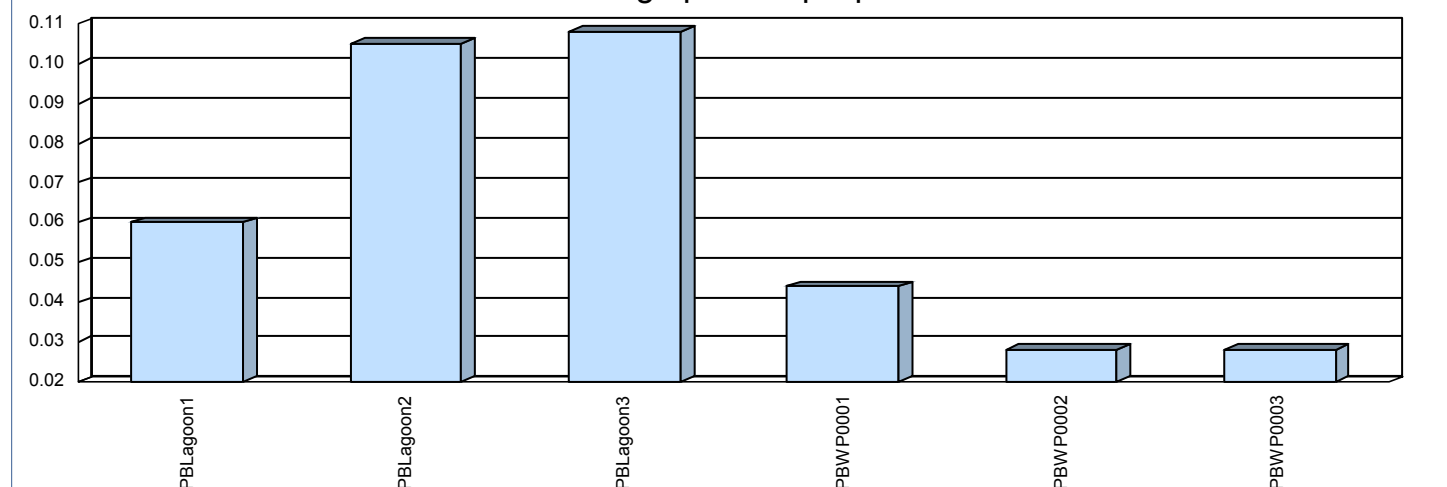
3

Number of breaches

0



Average per sample point

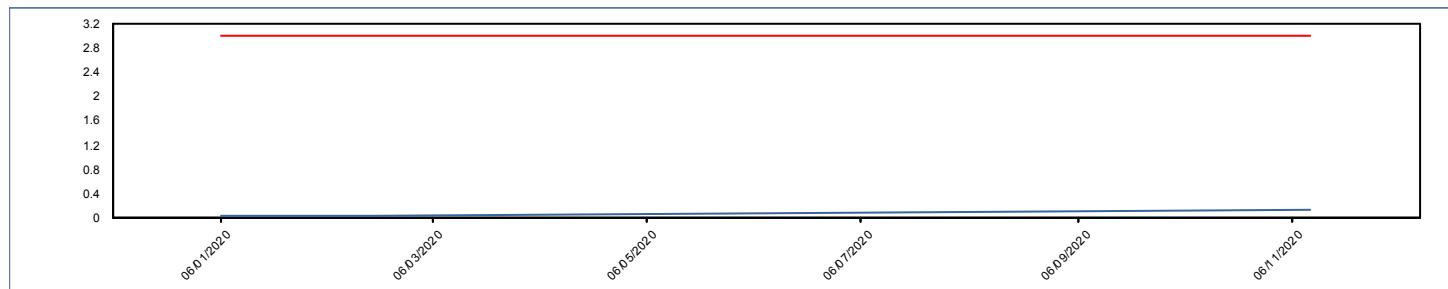


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	0.01	0.13	0.06	0.18	0.05	0.00	0.13
PBLagoon2	4	0	0.01	0.18	0.11	0.42	0.07	0.01	0.18
PBLagoon3	5	0	0.03	0.30	0.11	0.54	0.10	0.01	0.30
PBWP0001	5	0	0.02	0.10	0.04	0.22	0.03	0.00	0.10
PBWP0002	5	0	0.01	0.04	0.03	0.14	0.01	0.00	0.04
PBWP0003	5	0	0.01	0.05	0.03	0.14	0.01	0.00	0.05
Total	27	0	0.01	0.30	0.06	1.64	0.07	0.00	0.24

Data from: 1 Jan 2020 to: 31 Dec 2020

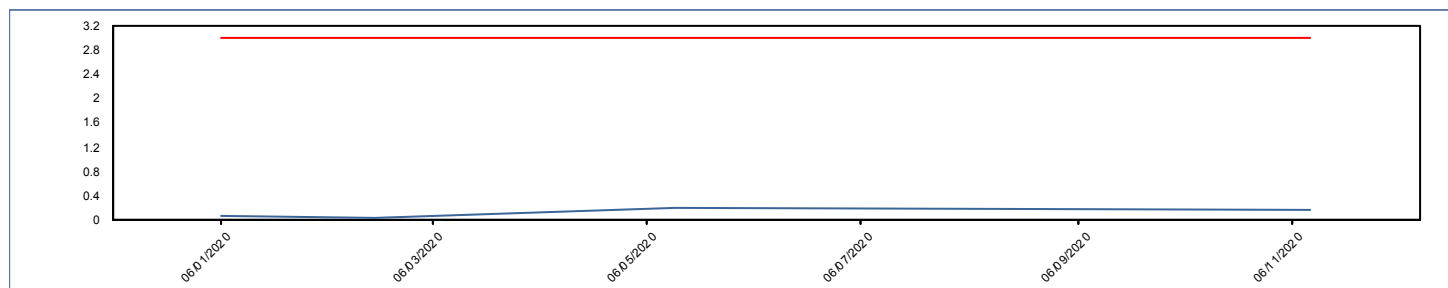
PBLagoon1

Number of readings 3 Number of breaches 0



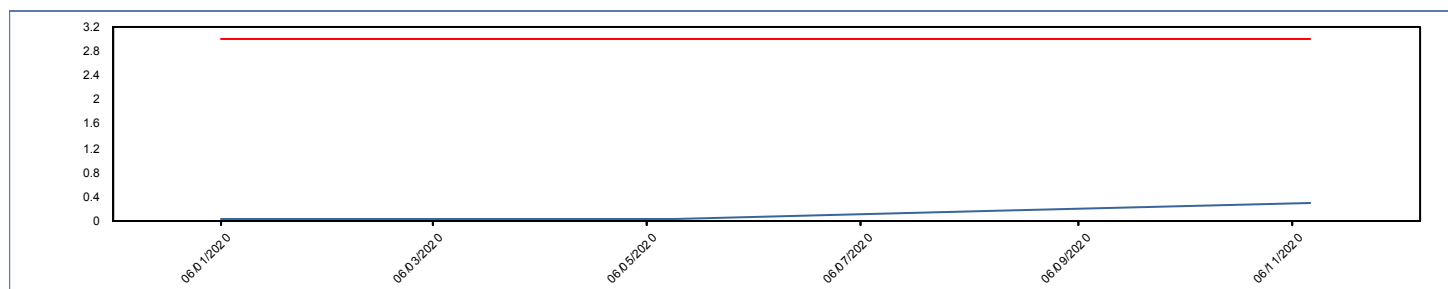
PBLagoon2

Number of readings 4 Number of breaches 0



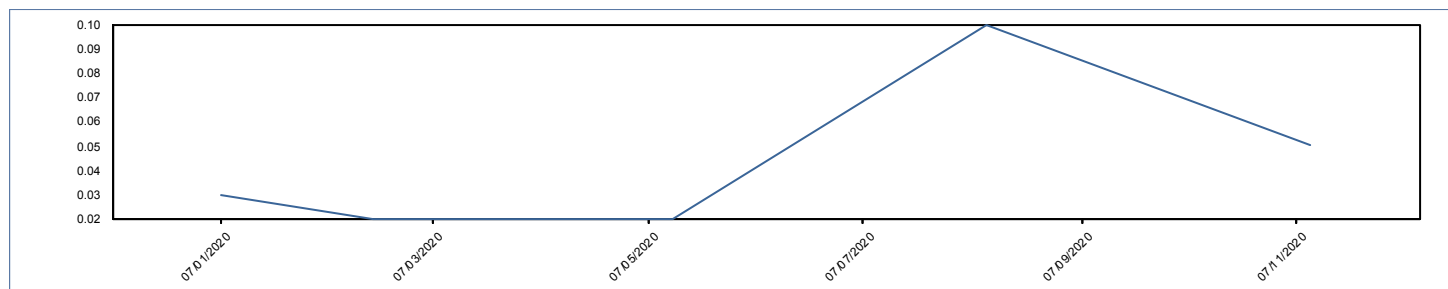
PBLagoon3

Number of readings 5 Number of breaches 0



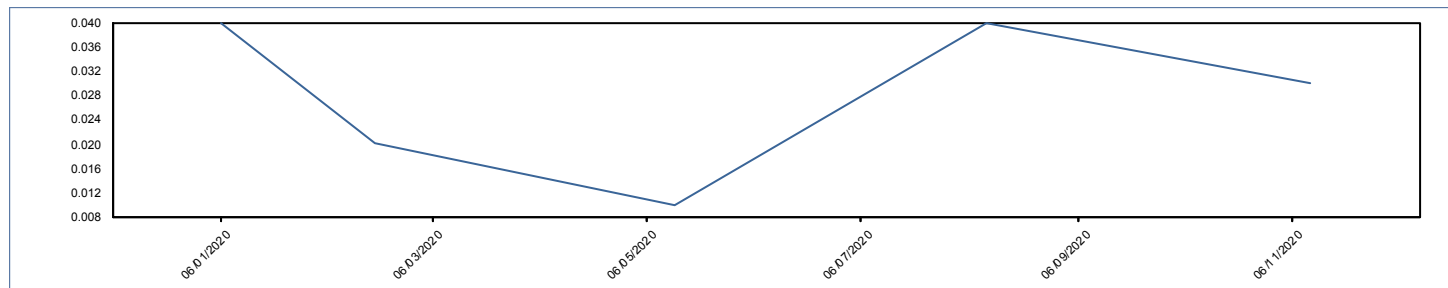
PBWP0001

Number of readings 5 Number of breaches 0



PBWP0002

Number of readings 5 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

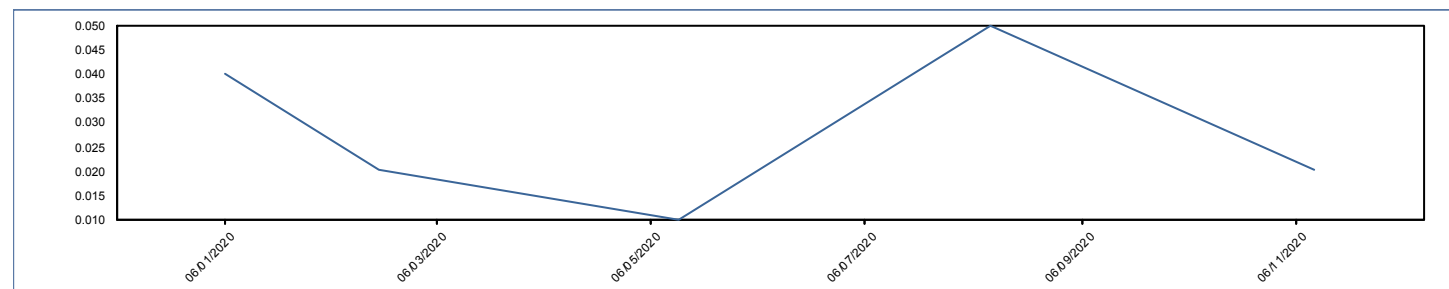
PBWP0003

Number of readings

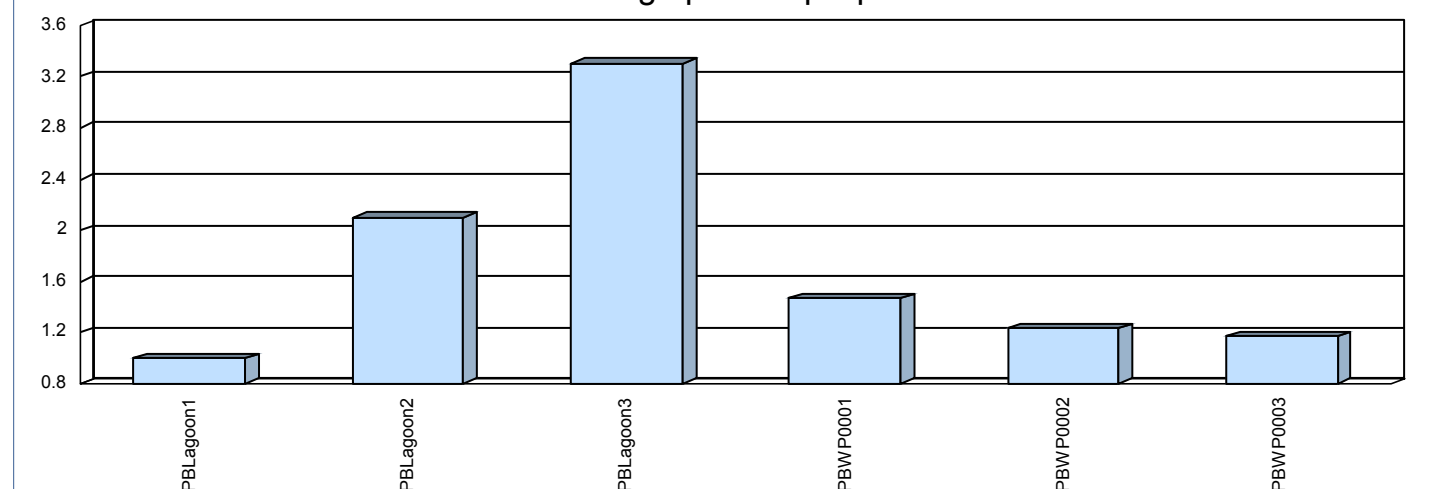
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	1.00	1.00	1.00	1.00	0.00	0.00	1.00
PBLagoon2	2	0	1.30	2.90	2.10	4.20	0.80	0.64	2.90
PBLagoon3	3	0	2.00	5.30	3.30	9.90	1.44	2.06	5.30
PBWP0001	3	0	1.00	2.00	1.47	4.40	0.41	0.17	2.00
PBWP0002	3	0	1.10	1.40	1.23	3.70	0.12	0.02	1.40
PBWP0003	3	0	1.00	1.40	1.17	3.50	0.17	0.03	1.40
Total	15	0	1.00	5.30	1.78	26.70	1.10	1.21	5.30

Data from: 1 Jan 2020 to: 31 Dec 2020

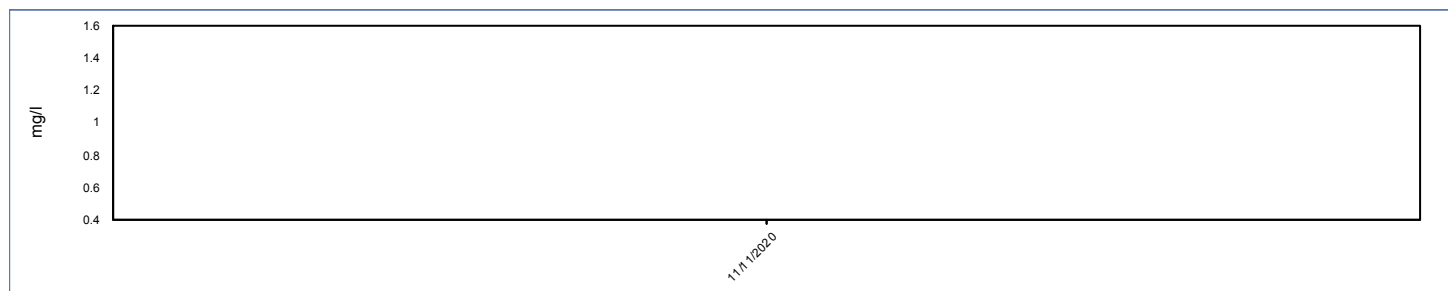
PBLagoon1

Number of readings

1

Number of breaches

0



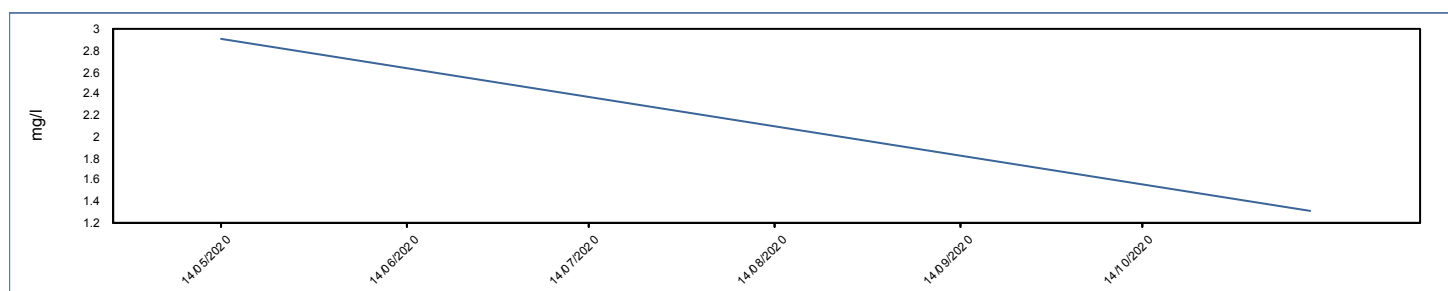
PBLagoon2

Number of readings

2

Number of breaches

0



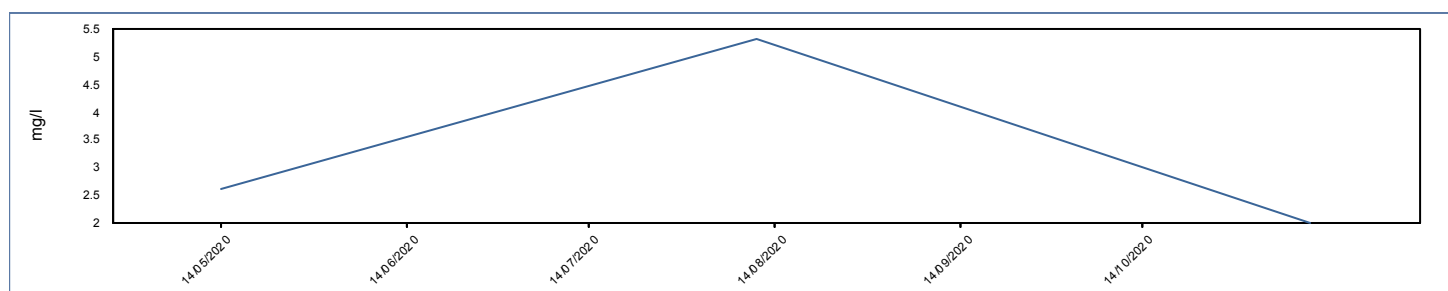
PBLagoon3

Number of readings

3

Number of breaches

0



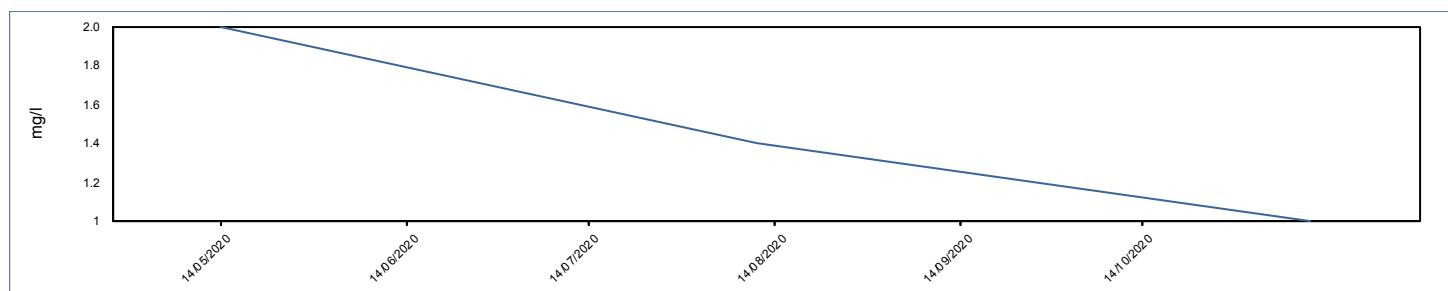
PBWP0001

Number of readings

3

Number of breaches

0



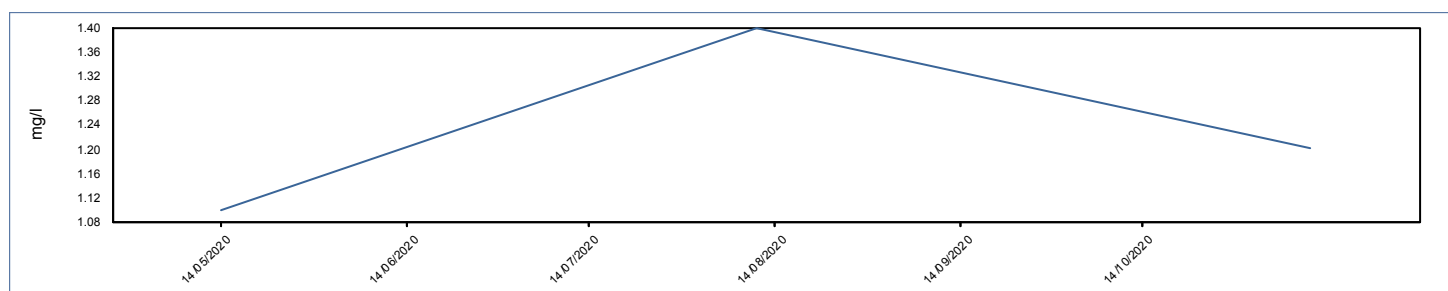
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

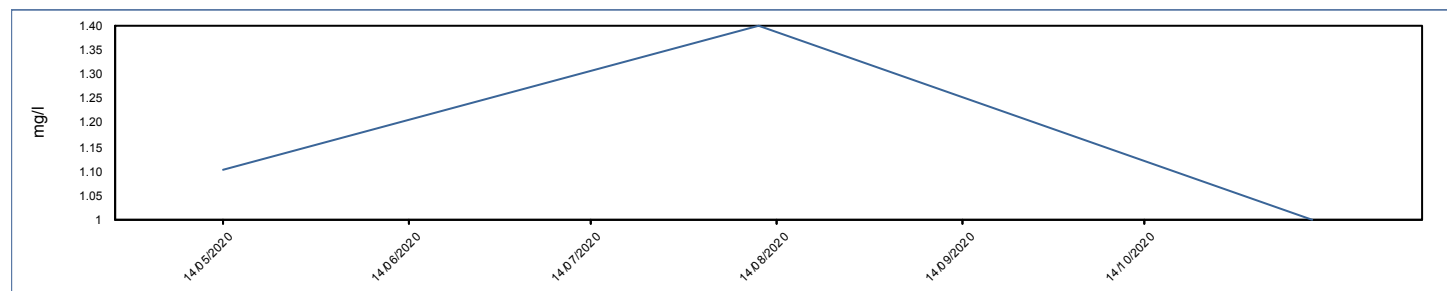
PBWP0003

Number of readings

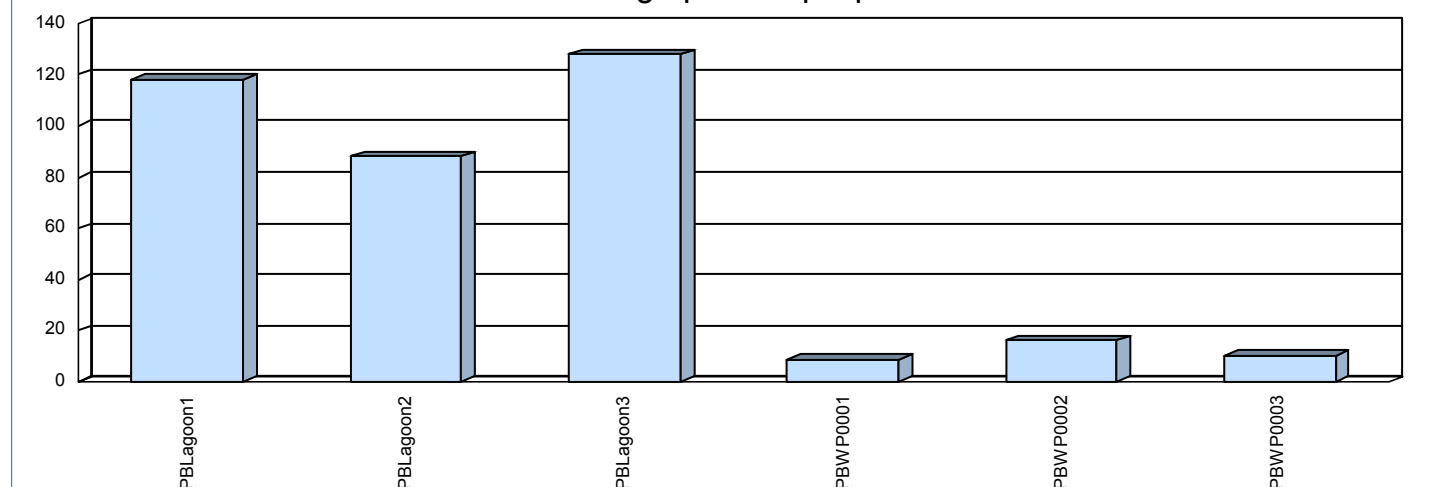
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	118.00	118.00	118.00	118.00	0.00	0.00	118.00
PBLagoon2	1	0	88.00	88.00	88.00	88.00	0.00	0.00	88.00
PBLagoon3	1	0	128.00	128.00	128.00	128.00	0.00	0.00	128.00
PBWP0001	3	0	8.00	9.00	8.67	26.00	0.47	0.22	9.00
PBWP0002	3	0	9.00	29.00	16.00	48.00	9.20	84.67	29.00
PBWP0003	3	0	10.00	11.00	10.33	31.00	0.47	0.22	11.00
Total	12	0	8.00	128.00	36.58	439.00	44.31	1,963.41	128.00

Data from: 1 Jan 2020 to: 31 Dec 2020

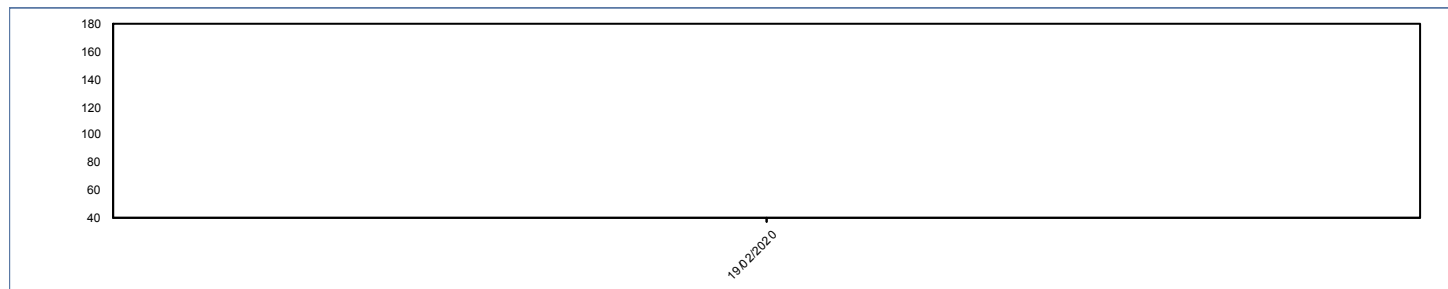
PBLagoon1

Number of readings

1

Number of breaches

0



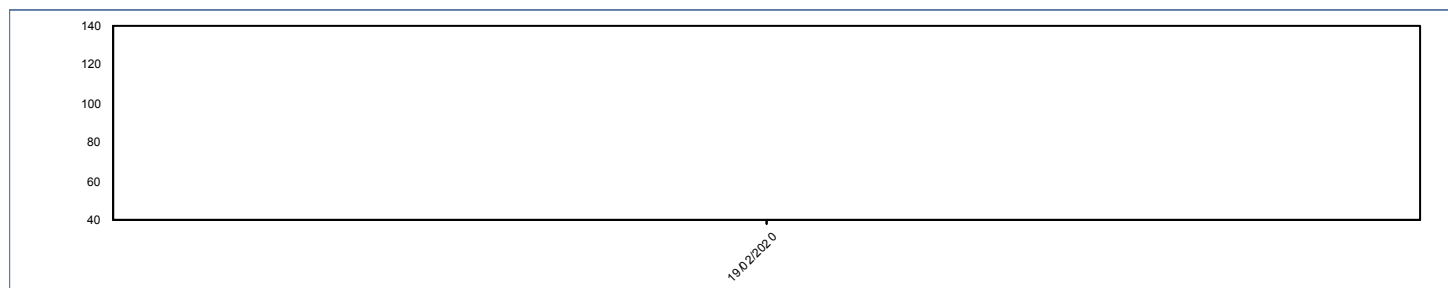
PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



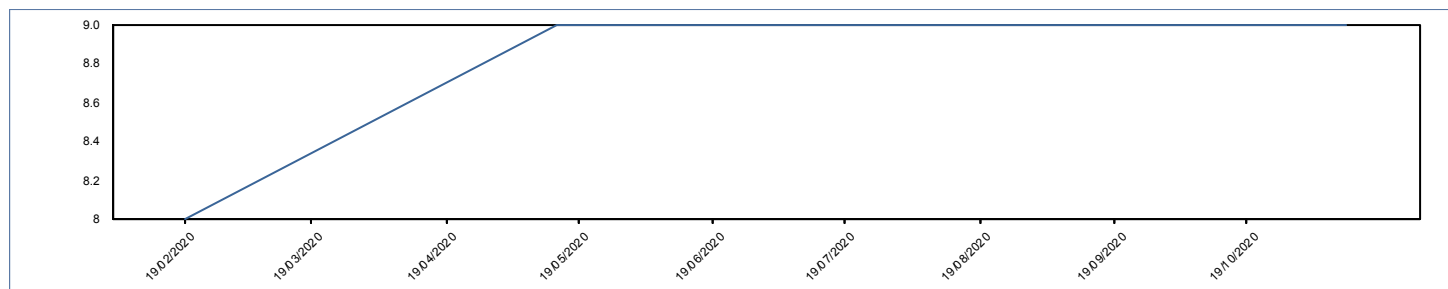
PBWP0001

Number of readings

3

Number of breaches

0



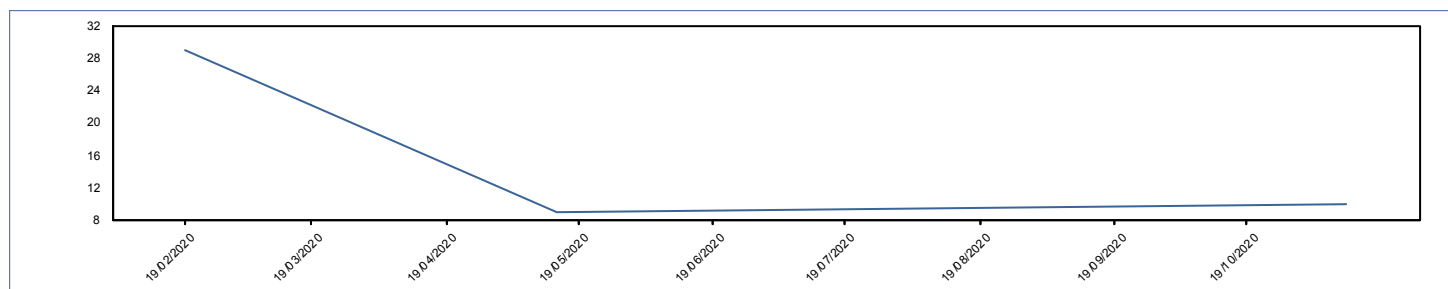
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

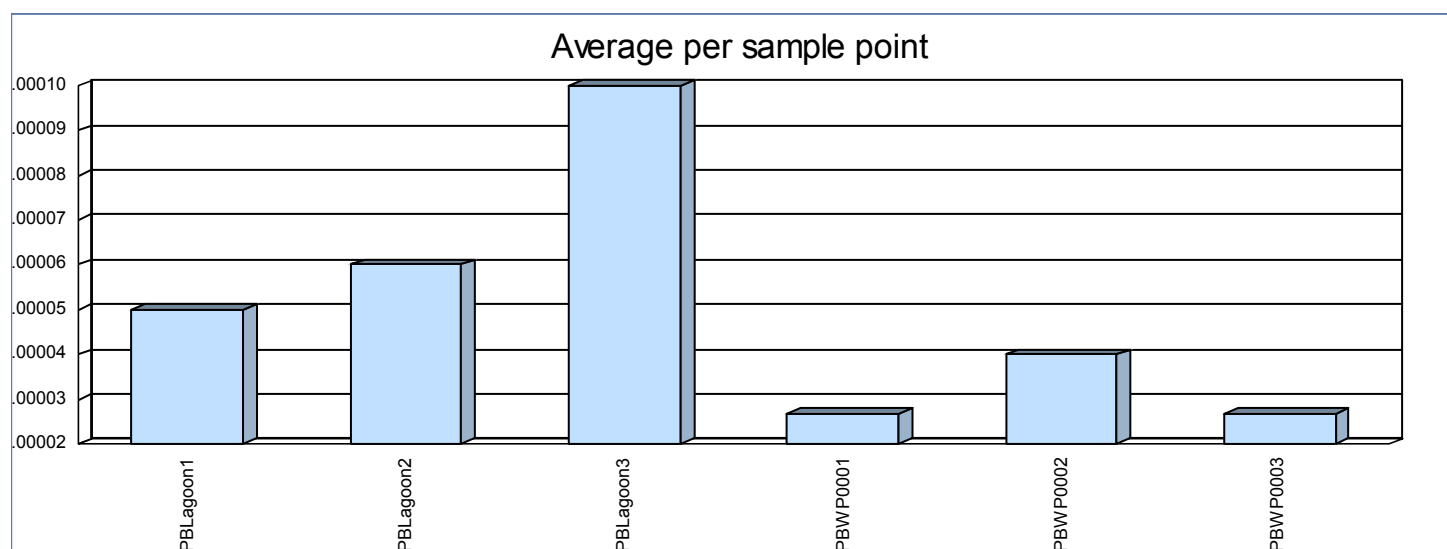
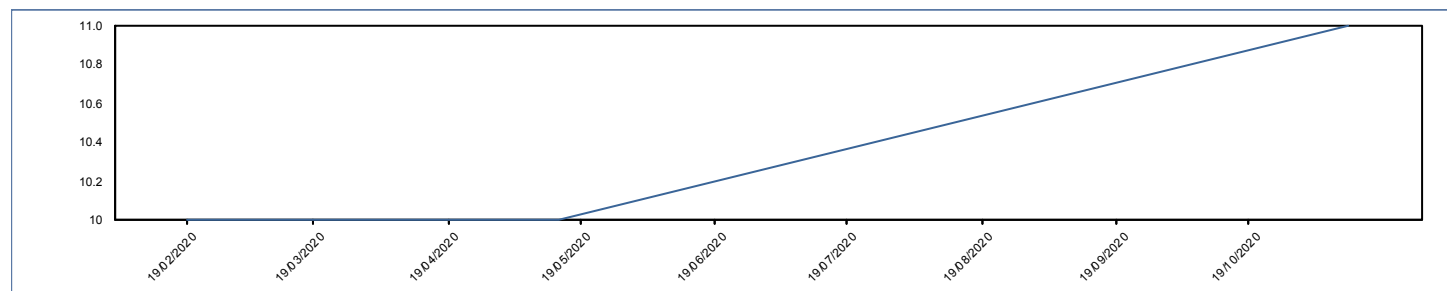
PBWP0003

Number of readings

3

Number of breaches

0



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon2	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0001	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0002	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0003	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

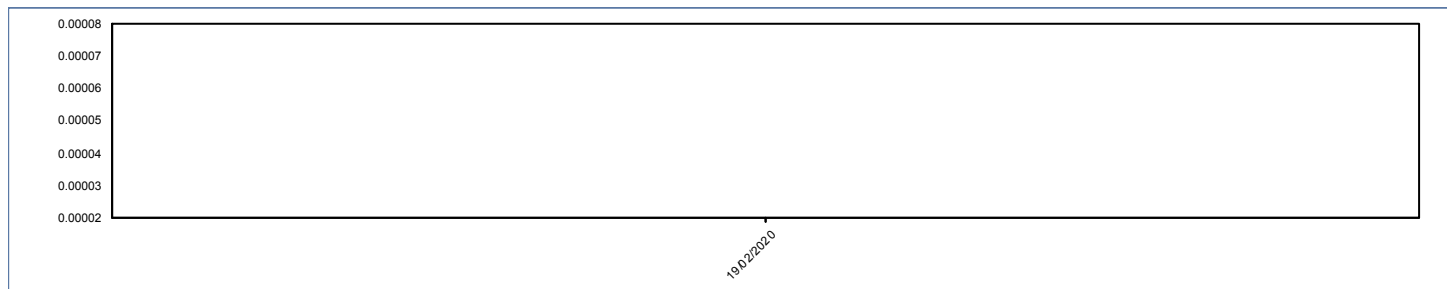
PBLagoon1

Number of readings

1

Number of breaches

0



PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



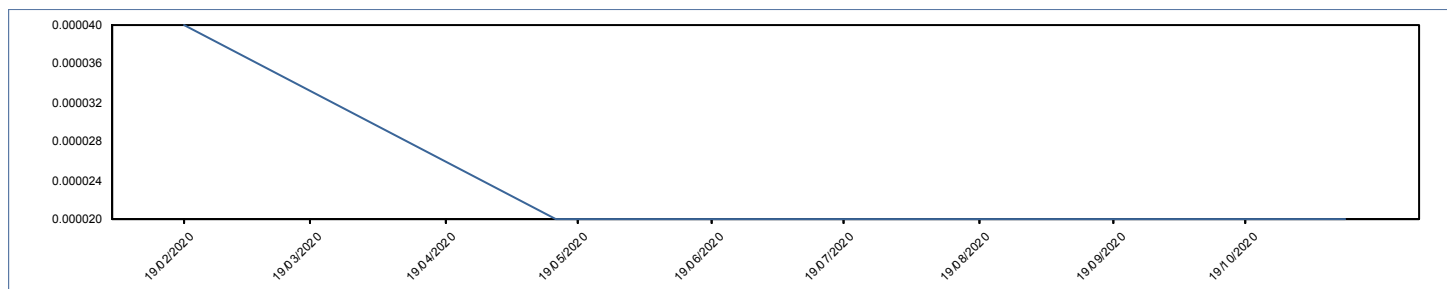
PBWP0001

Number of readings

3

Number of breaches

0



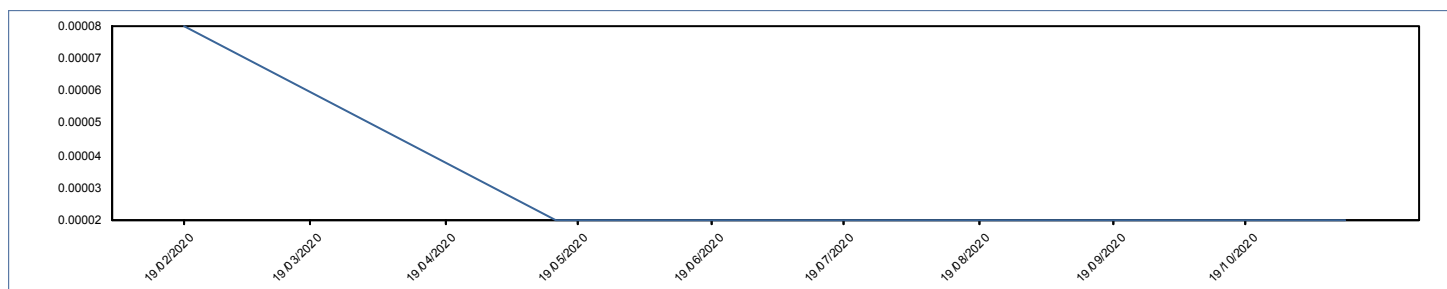
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

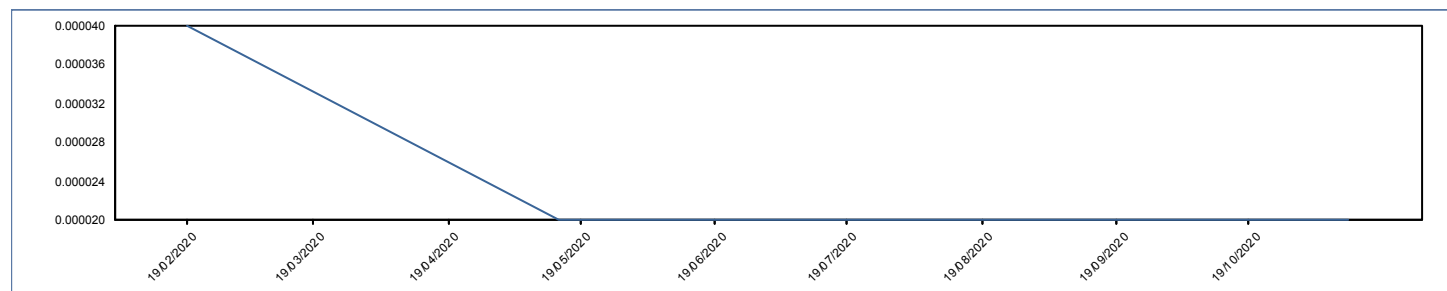
PBWP0003

Number of readings

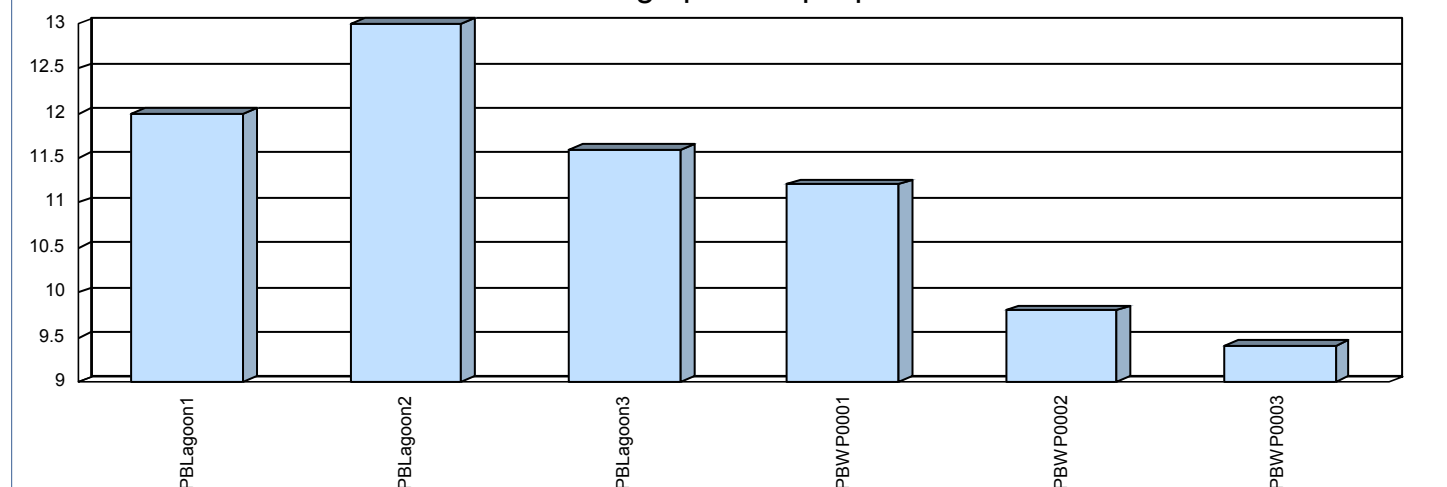
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	8.00	16.00	12.00	36.00	3.27	10.67	16.00
PBLagoon2	4	0	10.00	15.00	13.00	52.00	1.87	3.50	15.00
PBLagoon3	5	0	9.00	13.00	11.60	58.00	1.50	2.24	13.00
PBWP0001	5	0	9.00	14.00	11.20	56.00	1.72	2.96	14.00
PBWP0002	5	0	8.00	12.00	9.80	49.00	1.33	1.76	12.00
PBWP0003	5	0	8.00	11.00	9.40	47.00	1.20	1.44	11.00
Total	27	0	8.00	16.00	11.04	298.00	2.19	4.78	15.50

Data from: 1 Jan 2020 to: 31 Dec 2020

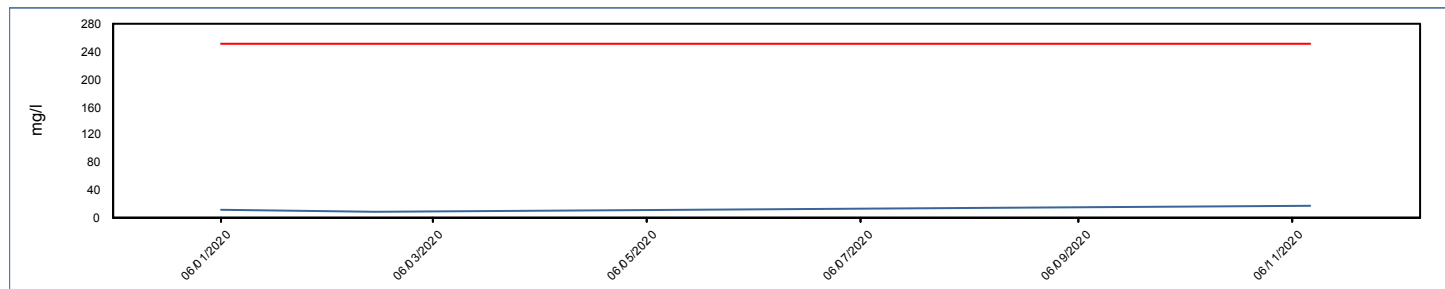
PBLagoon1

Number of readings

3

Number of breaches

0

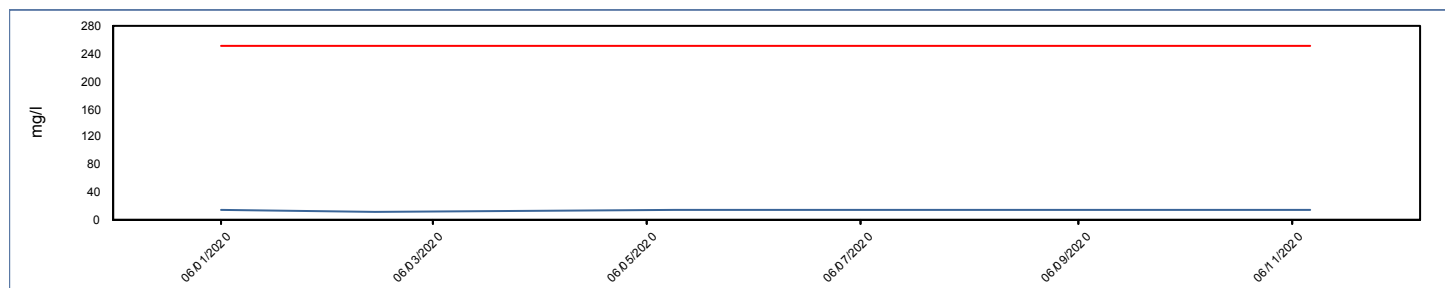
**PBLagoon2**

Number of readings

4

Number of breaches

0

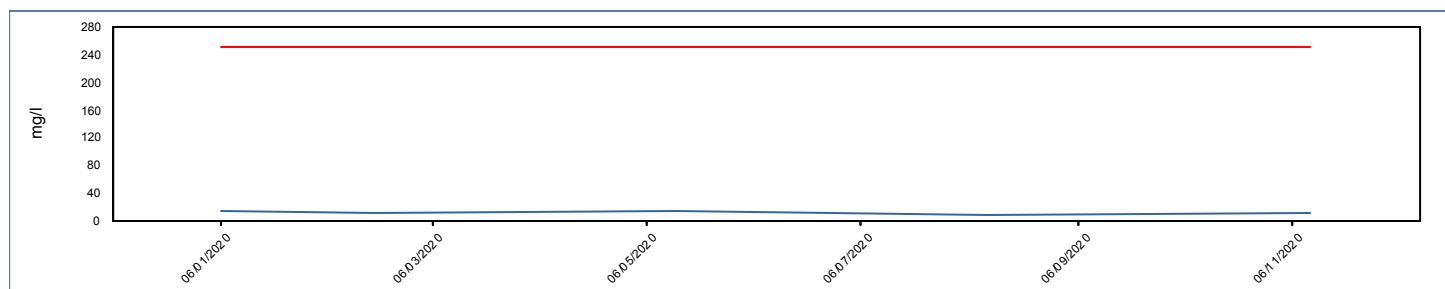
**PBLagoon3**

Number of readings

5

Number of breaches

0

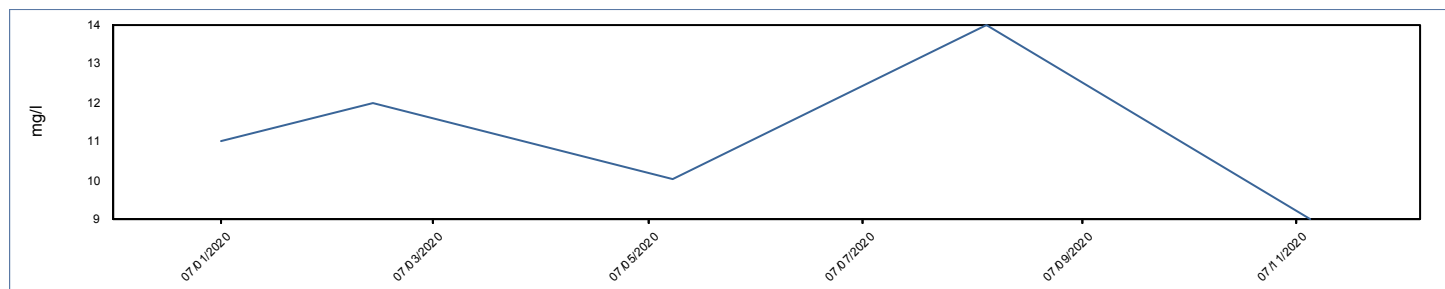
**PBWP0001**

Number of readings

5

Number of breaches

0

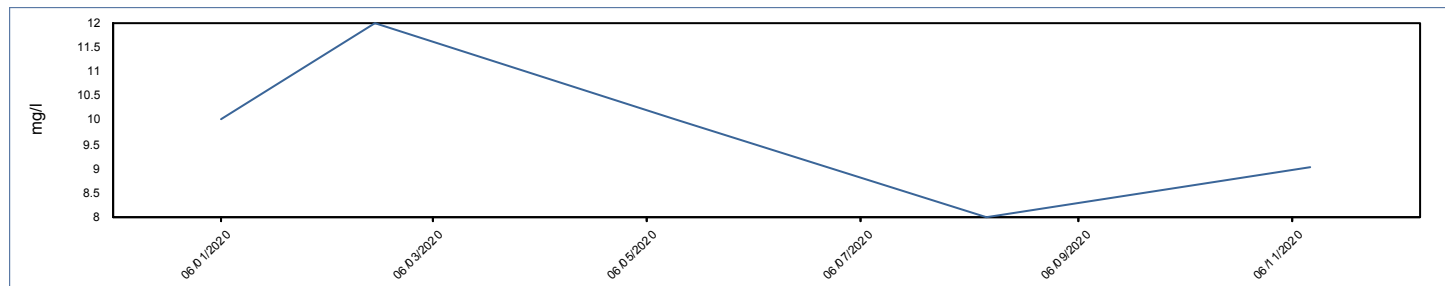
**PBWP0002**

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

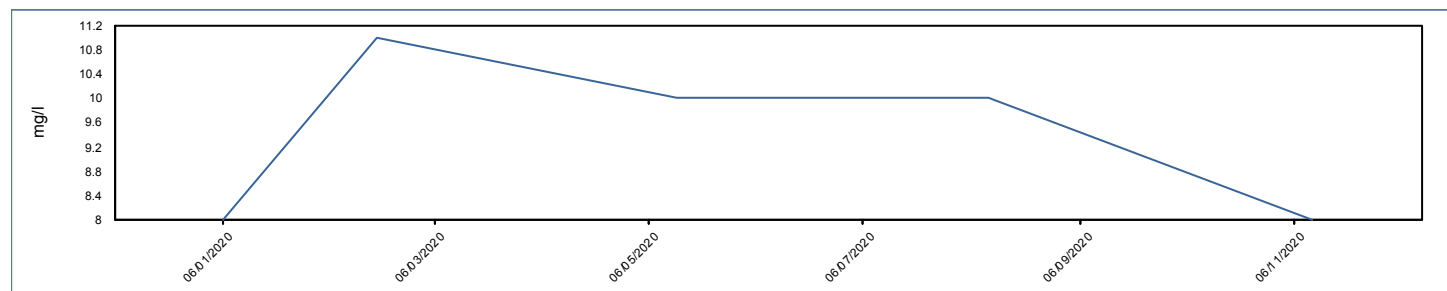
PBWP0003

Number of readings

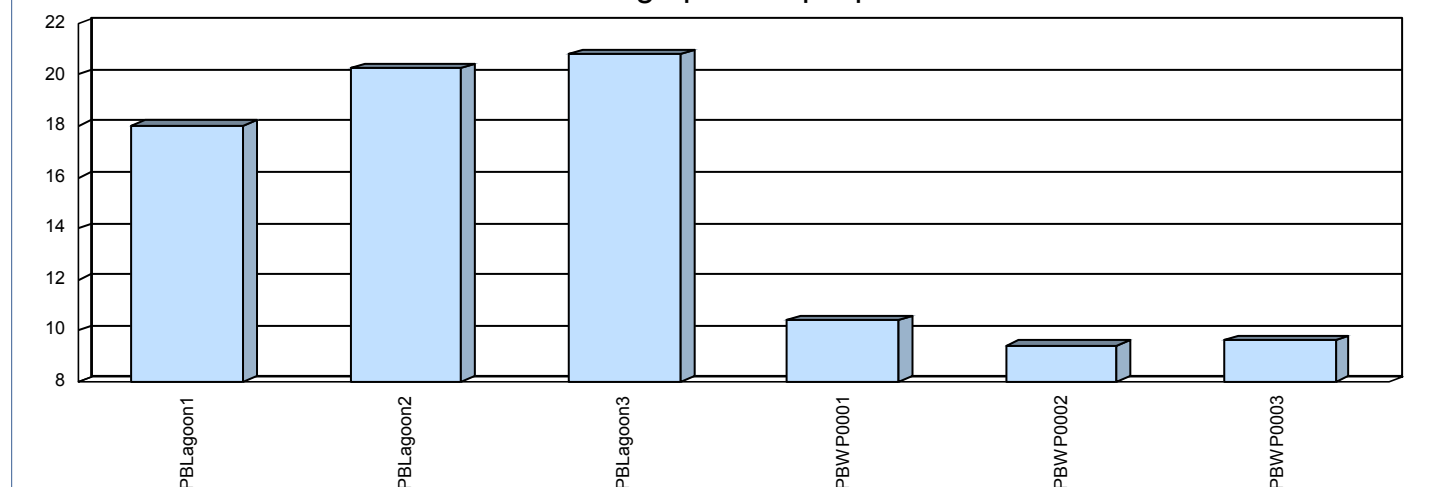
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	9.00	24.00	18.00	54.00	6.48	42.00	24.00
PBLagoon2	4	0	15.00	23.00	20.25	81.00	3.11	9.69	23.00
PBLagoon3	5	0	13.00	31.00	20.80	104.00	5.81	33.76	31.00
PBWP0001	5	0	5.00	13.00	10.40	52.00	2.87	8.24	13.00
PBWP0002	5	0	5.00	13.00	9.40	47.00	2.65	7.04	13.00
PBWP0003	5	0	5.00	13.00	9.60	48.00	2.80	7.84	13.00
Total	27	0	5.00	31.00	14.30	386.00	6.53	42.58	27.50

Data from: 1 Jan 2020 to: 31 Dec 2020

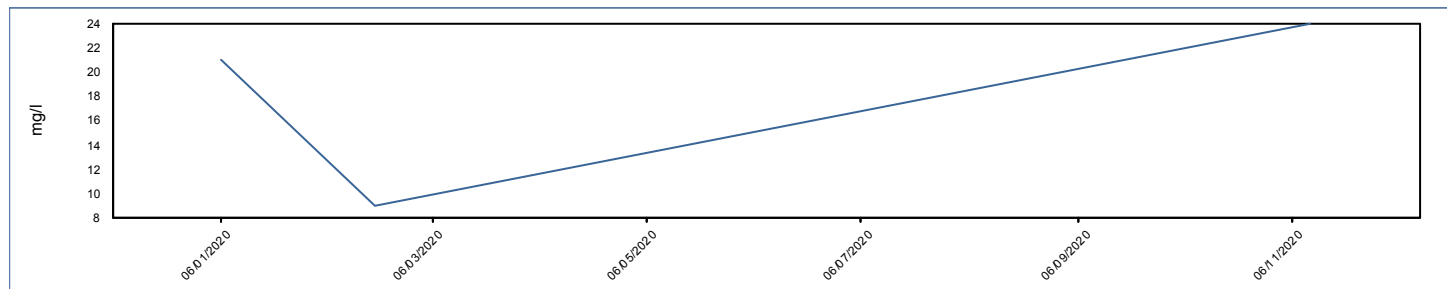
PBLagoon1

Number of readings

3

Number of breaches

0



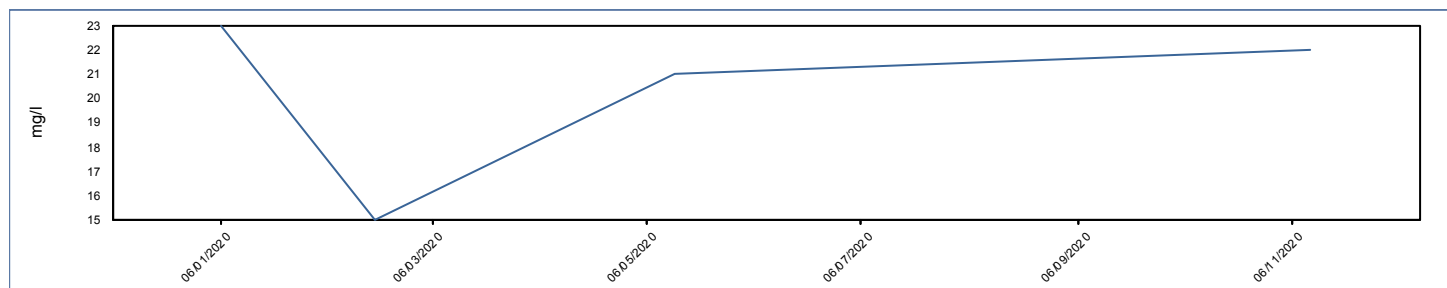
PBLagoon2

Number of readings

4

Number of breaches

0



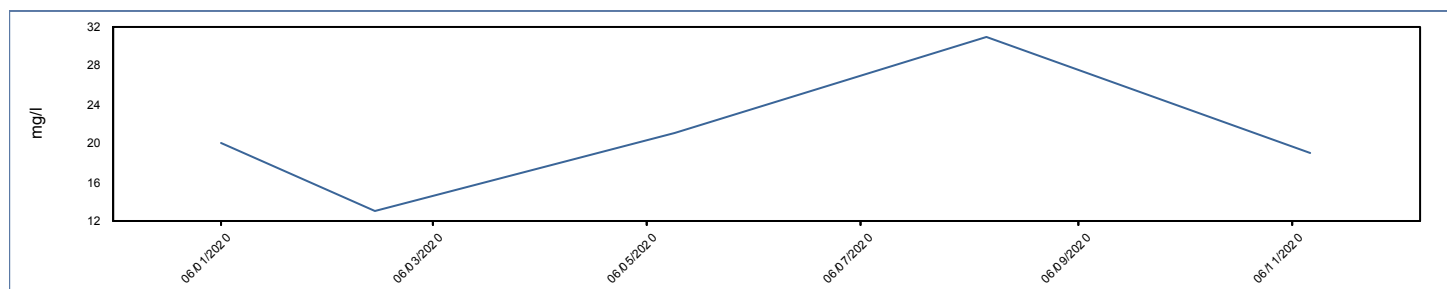
PBLagoon3

Number of readings

5

Number of breaches

0



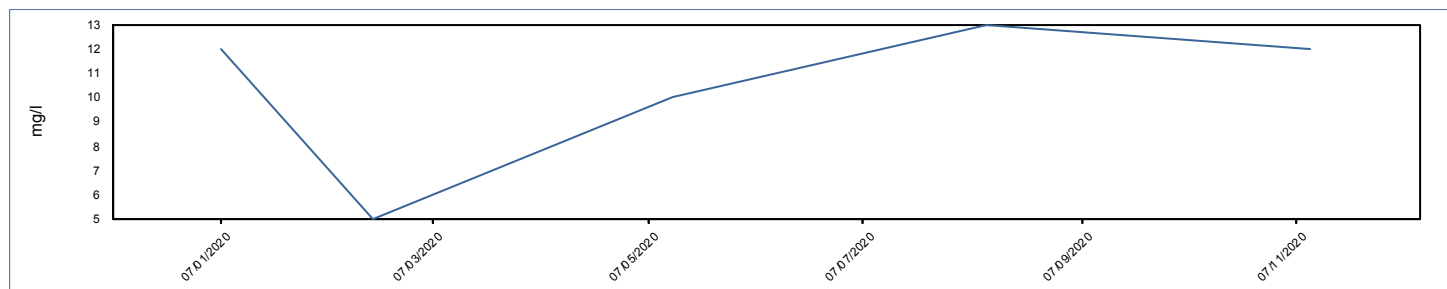
PBWP0001

Number of readings

5

Number of breaches

0



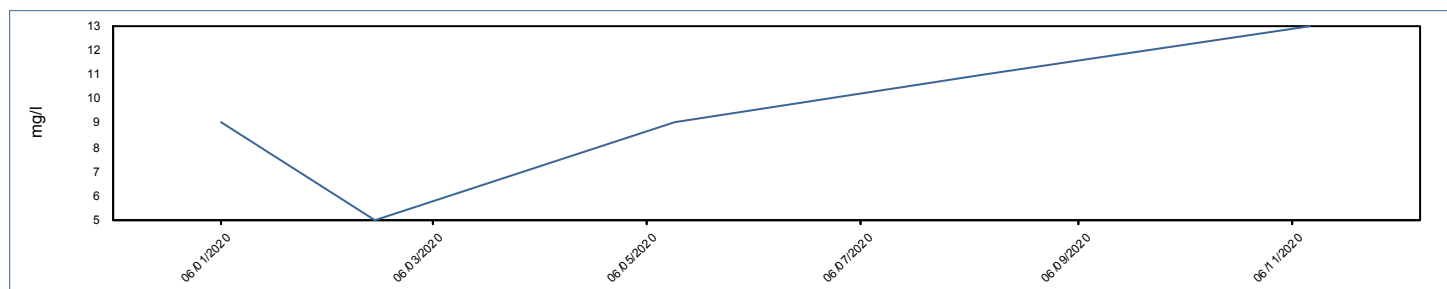
PBWP0002

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

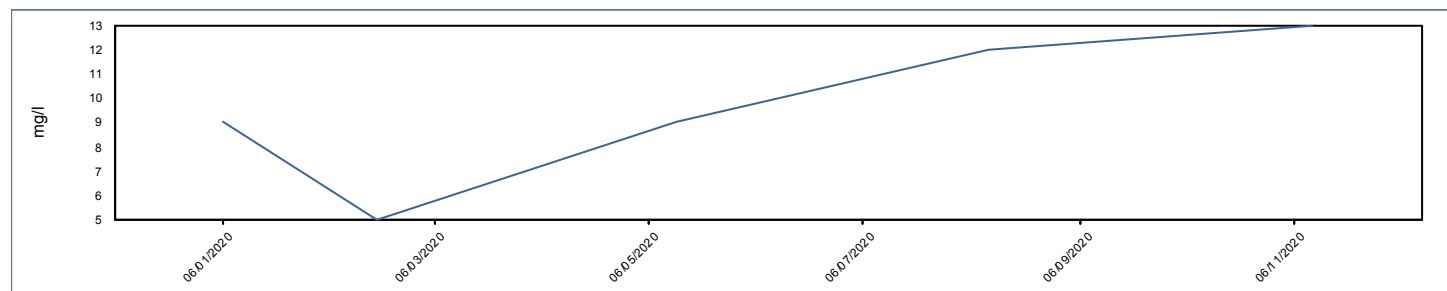
PBWP0003

Number of readings

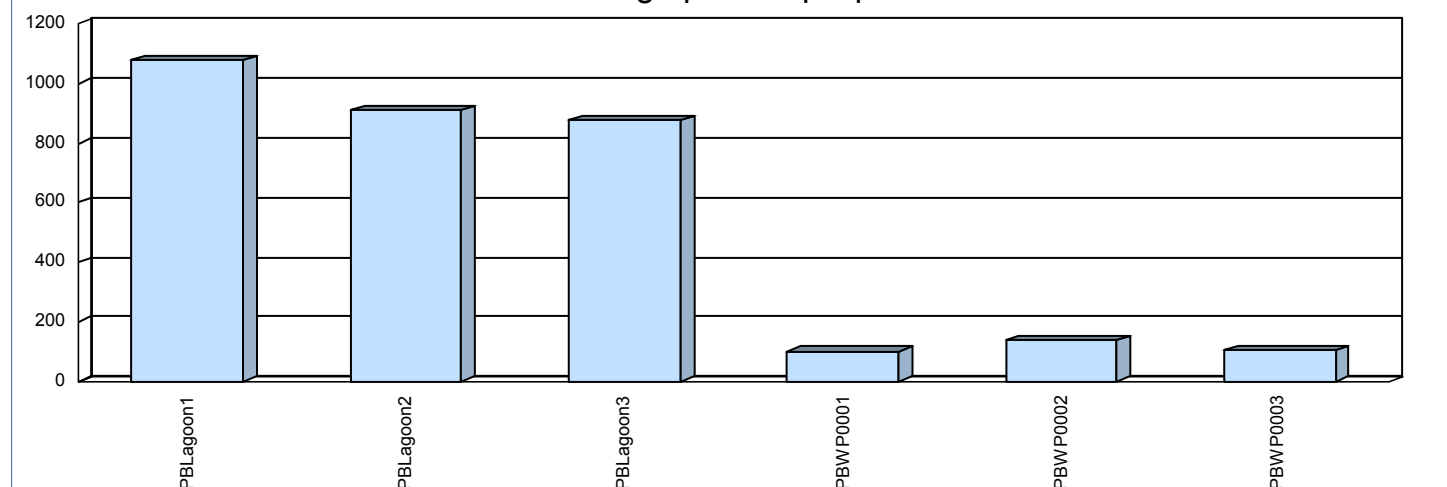
5

Number of breaches

0



Average per sample point

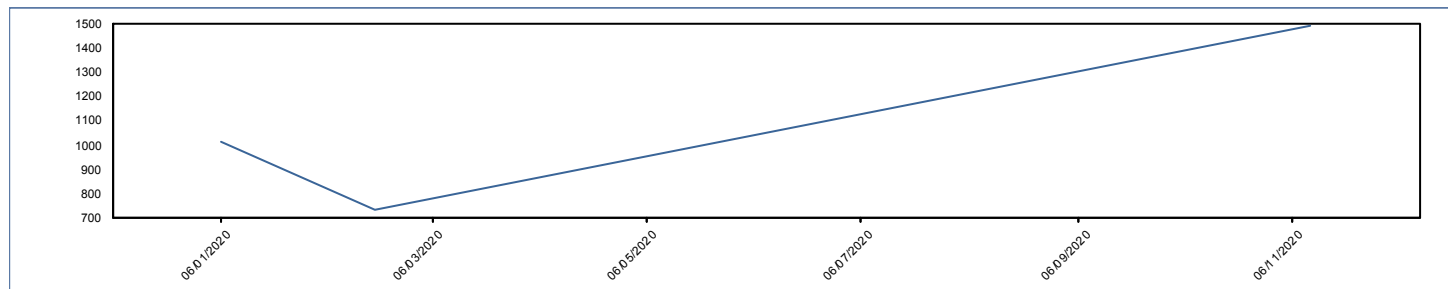


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	731.00	1,490.00	1,077.00	3,231.00	313.46	98,258.00	1,490.00
PBLagoon2	4	0	600.00	1,140.00	910.00	3,640.00	198.24	39,300.00	1,140.00
PBLagoon3	5	0	682.00	1,100.00	875.40	4,377.00	136.87	18,733.84	1,100.00
PBWP0001	5	0	100.00	111.00	102.20	511.00	4.40	19.36	111.00
PBWP0002	5	0	100.00	235.00	137.60	688.00	52.46	2,752.24	235.00
PBWP0003	5	0	100.00	119.00	105.20	526.00	7.00	48.96	119.00
Total	27	0	100.00	1,490.00	480.48	12,973.00	436.84	190,833.36	1,315.00

Data from: 1 Jan 2020 to: 31 Dec 2020

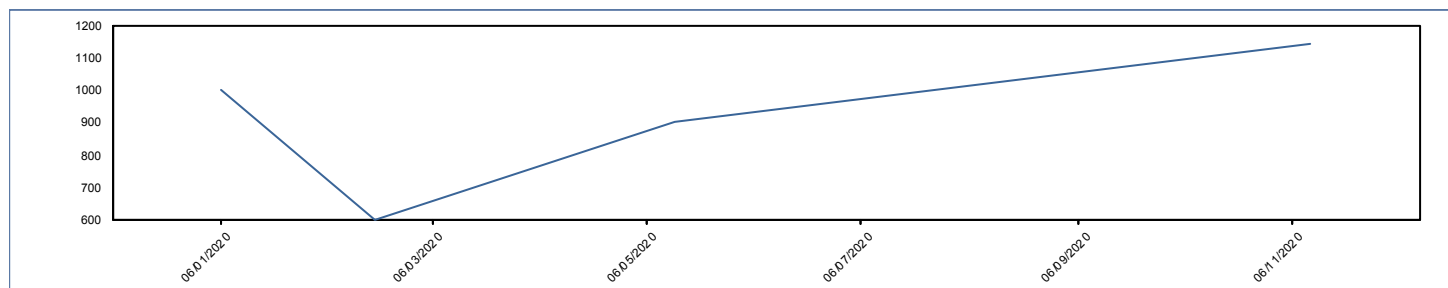
PBLagoon1

Number of readings 3 Number of breaches 0



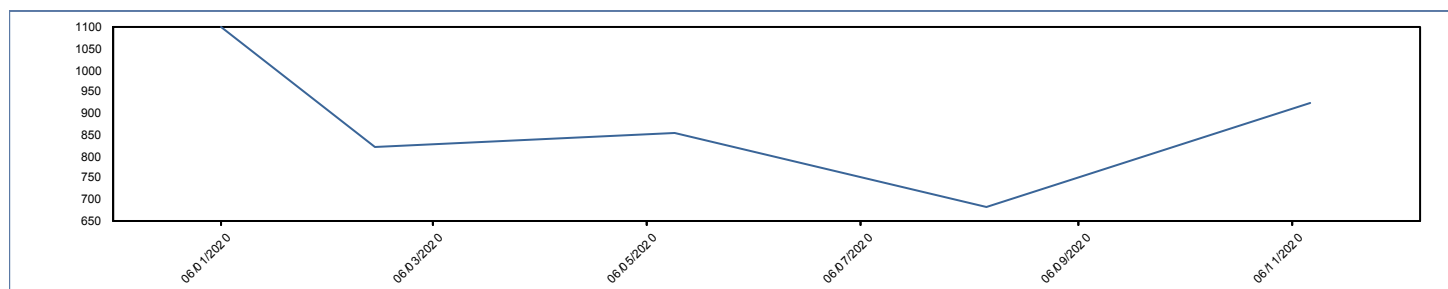
PBLagoon2

Number of readings 4 Number of breaches 0



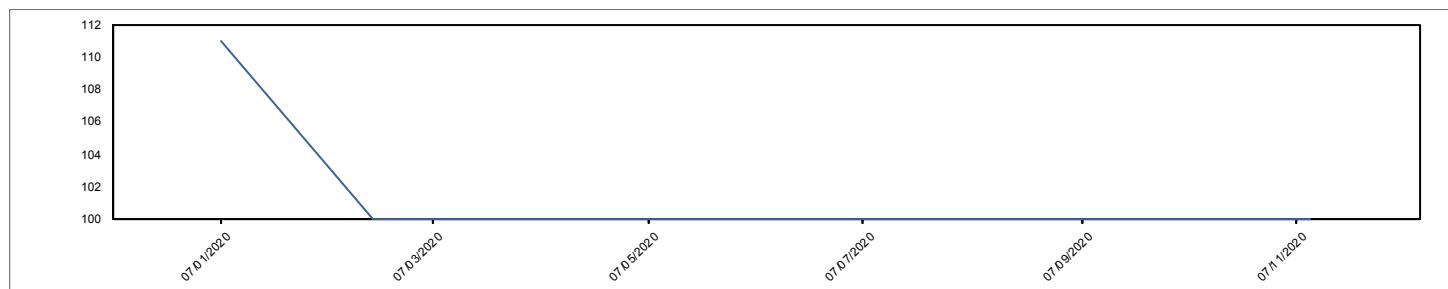
PBLagoon3

Number of readings 5 Number of breaches 0



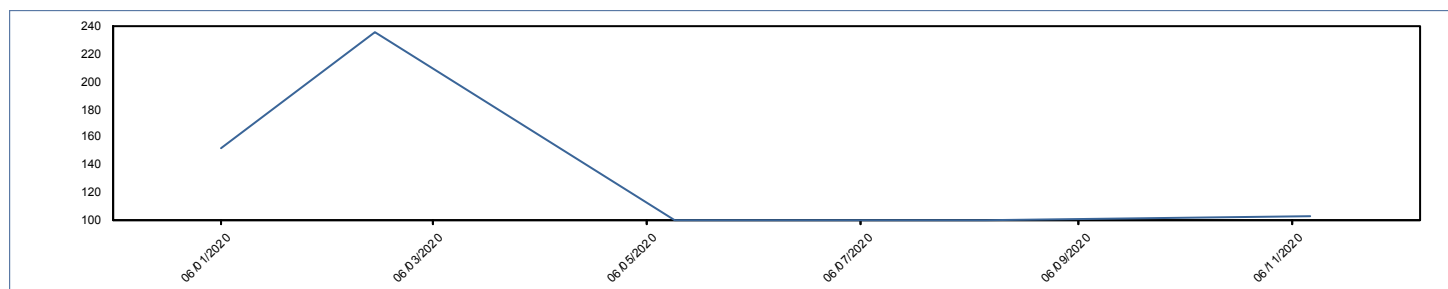
PBWP0001

Number of readings 5 Number of breaches 0



PBWP0002

Number of readings 5 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

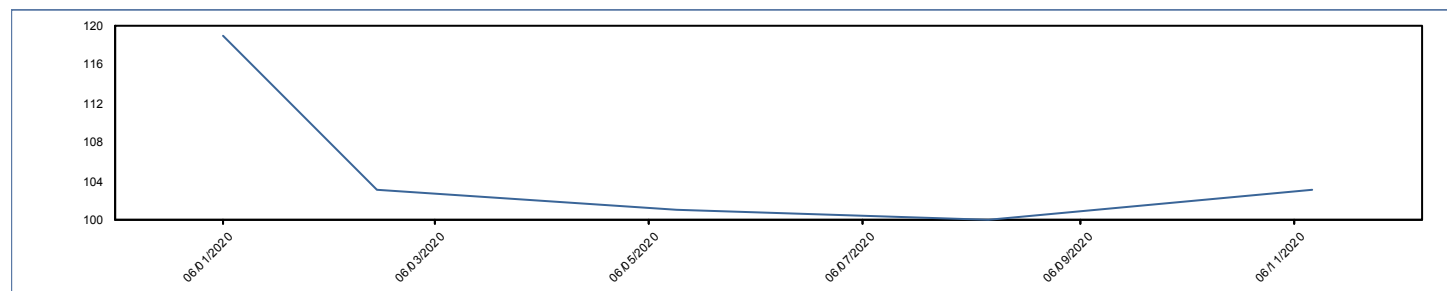
PBWP0003

Number of readings

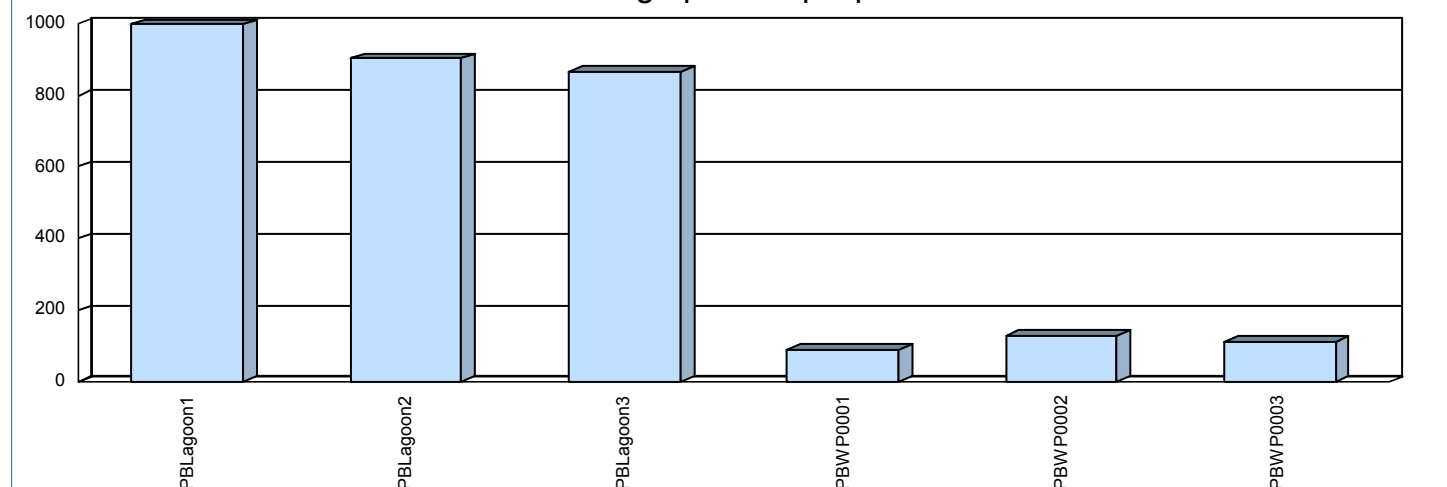
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	732.00	1,241.00	998.67	2,996.00	208.51	43,476.22	1,241.00
PBLagoon2	4	0	608.00	1,099.00	903.25	3,613.00	186.69	34,854.69	1,099.00
PBLagoon3	5	0	787.00	1,116.00	867.20	4,336.00	125.61	15,778.96	1,116.00
PBWP0001	5	0	71.00	107.00	89.80	449.00	11.92	142.16	107.00
PBWP0002	5	0	89.00	203.00	130.60	653.00	48.86	2,387.44	203.00
PBWP0003	5	0	88.00	129.00	111.40	557.00	15.11	228.24	129.00
Total	27	0	71.00	1,241.00	466.81	12,604.00	416.43	173,410.22	1,178.50

Data from: 1 Jan 2020 to: 31 Dec 2020

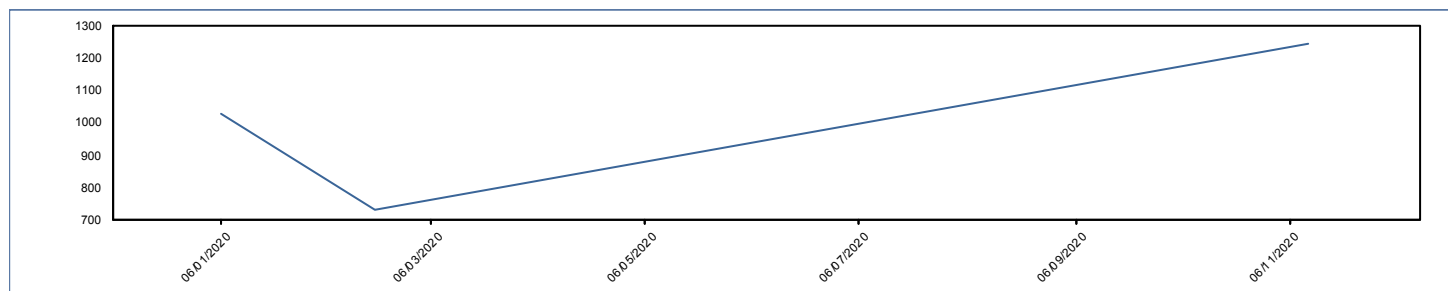
PBLagoon1

Number of readings

3

Number of breaches

0



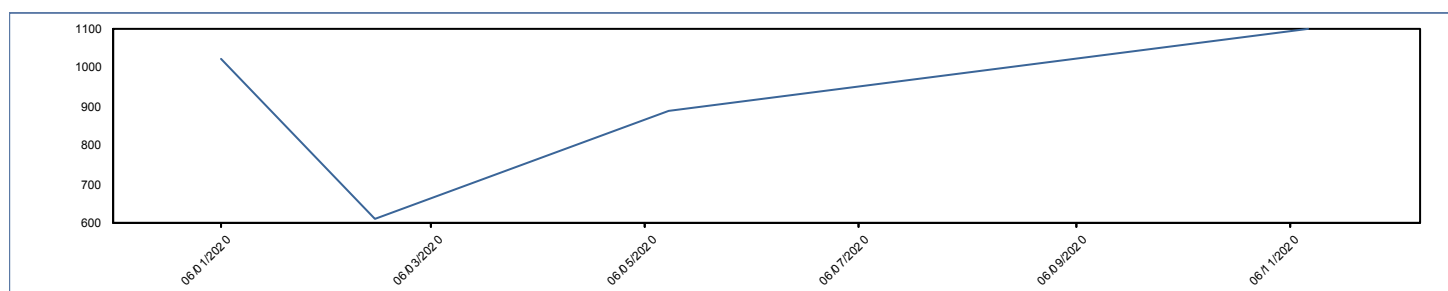
PBLagoon2

Number of readings

4

Number of breaches

0



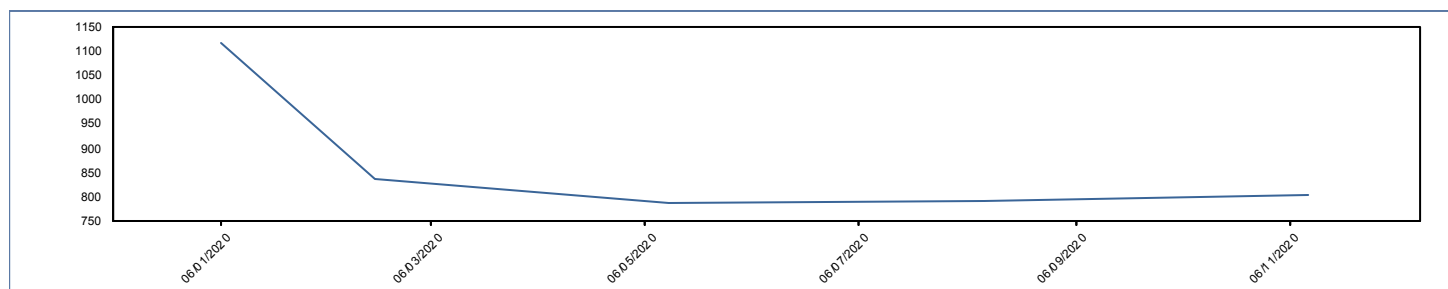
PBLagoon3

Number of readings

5

Number of breaches

0



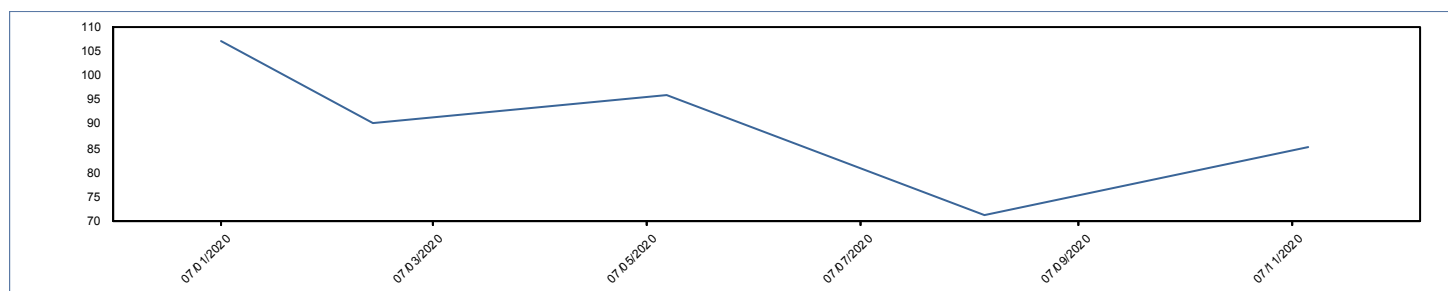
PBWP0001

Number of readings

5

Number of breaches

0



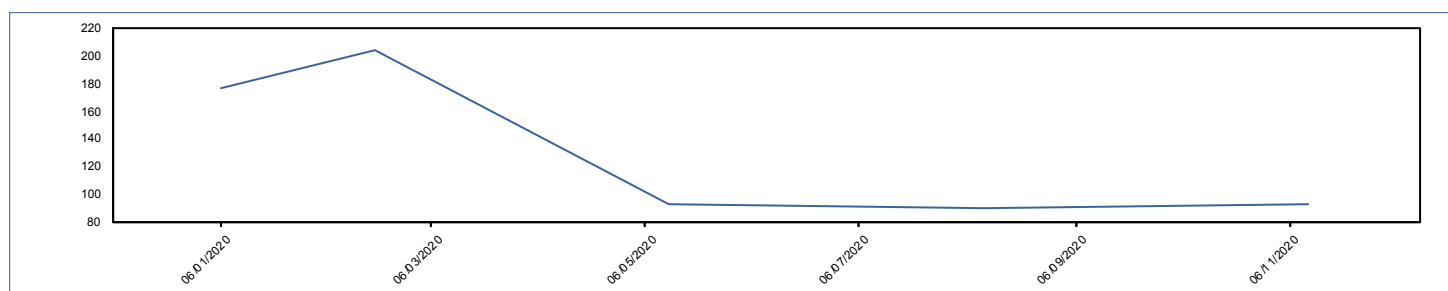
PBWP0002

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

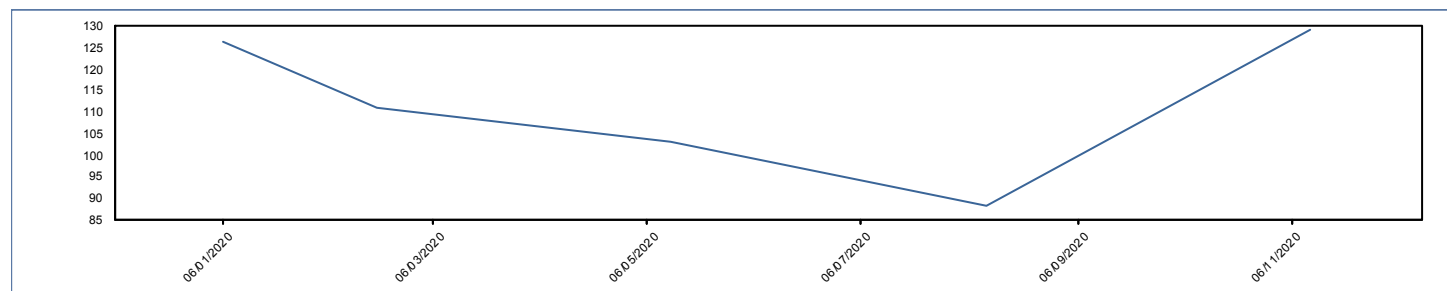
PBWP0003

Number of readings

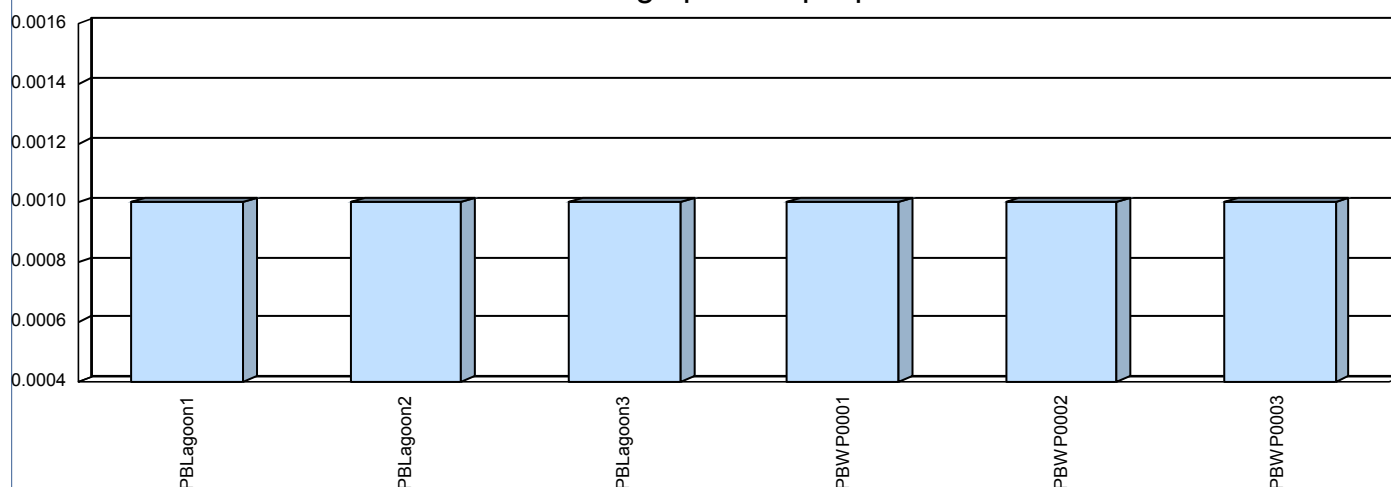
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon2	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0001	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0002	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0003	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	12	0	0.00	0.00	0.00	0.01	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

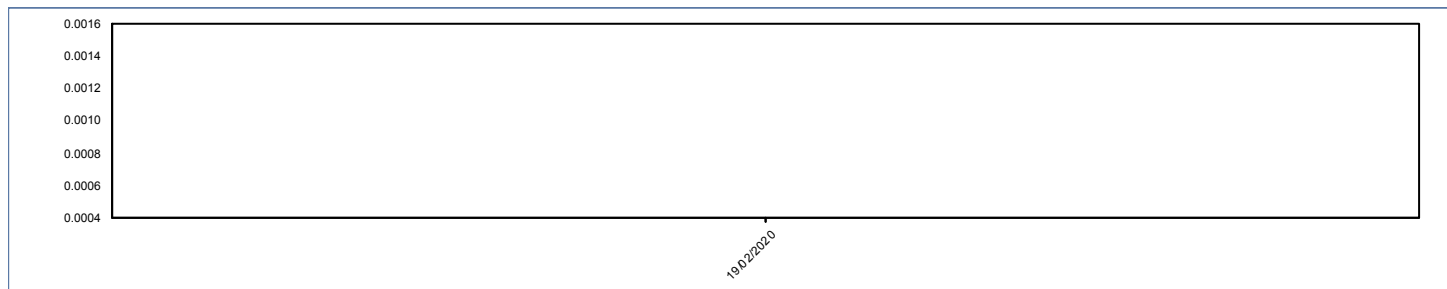
PBLagoon1

Number of readings

1

Number of breaches

0



PBLagoon2

Number of readings

1

Number of breaches

0



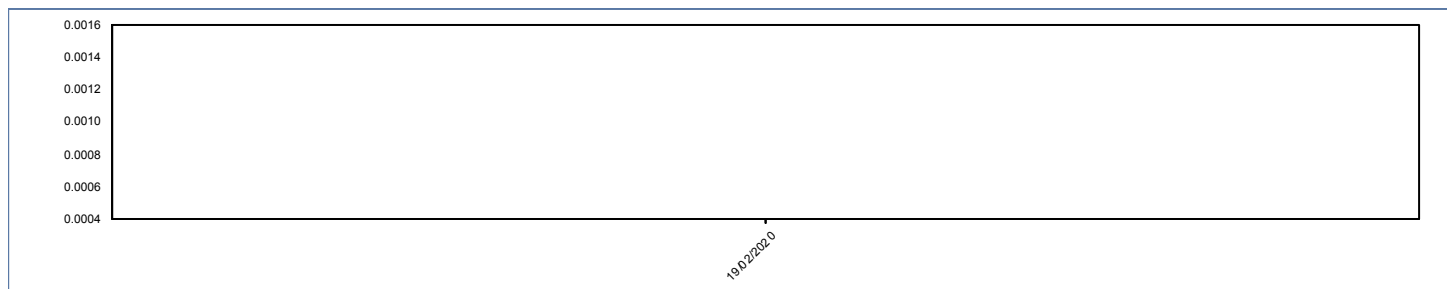
PBLagoon3

Number of readings

1

Number of breaches

0



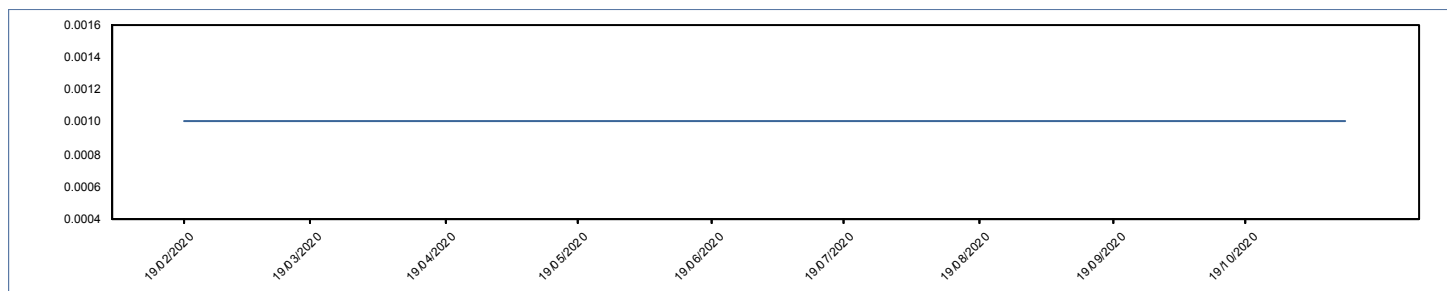
PBWP0001

Number of readings

3

Number of breaches

0



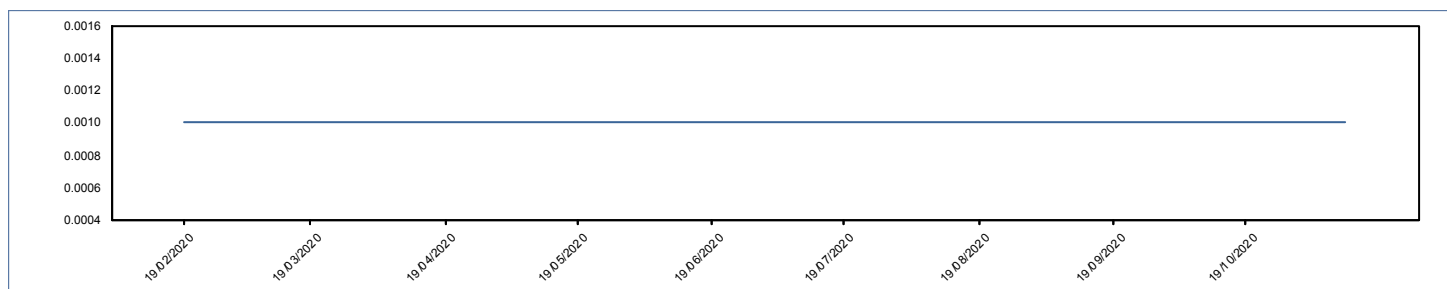
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

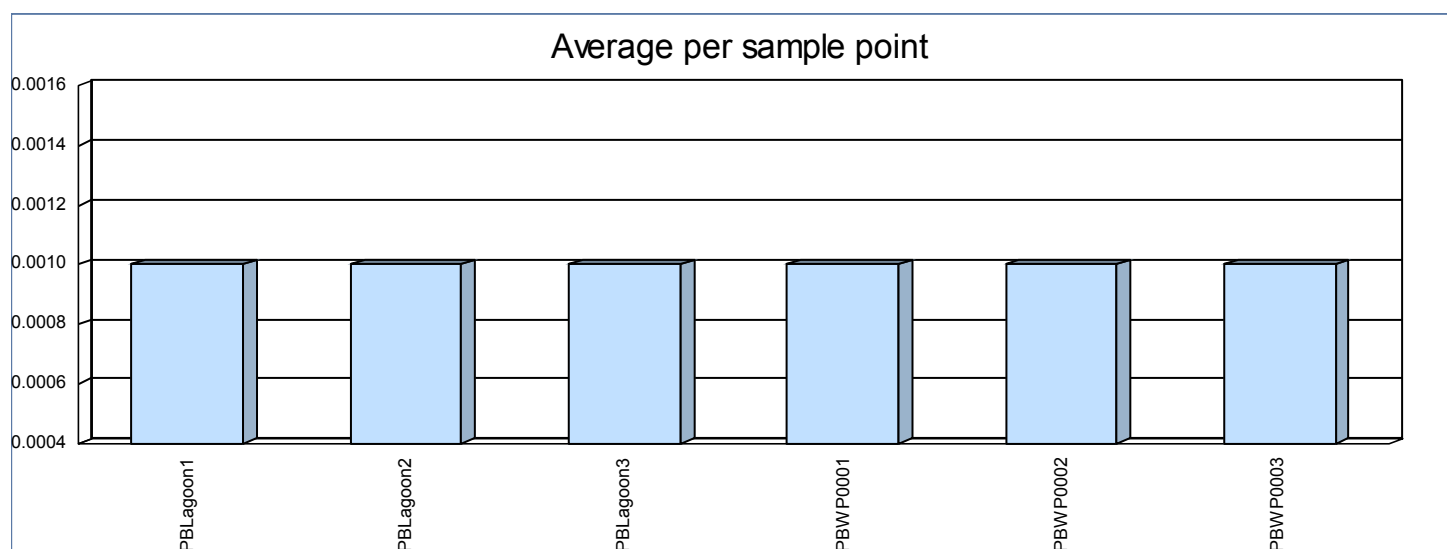
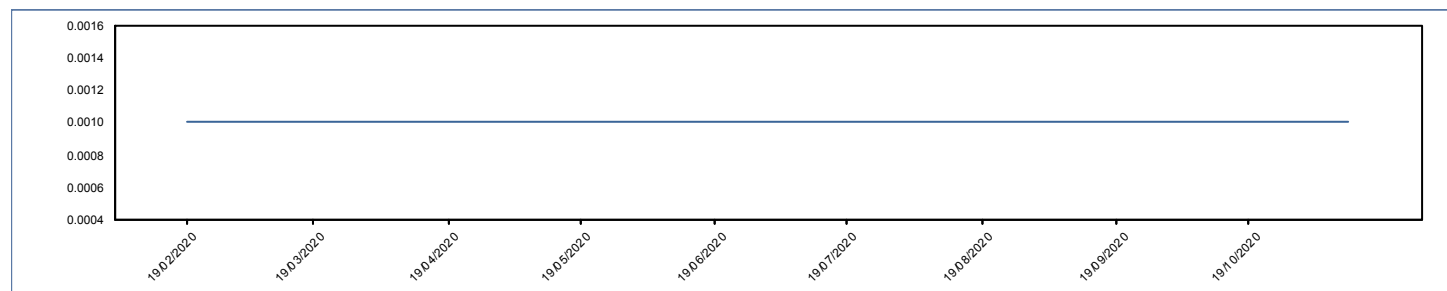
PBWP0003

Number of readings

3

Number of breaches

0



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon2	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0001	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0002	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0003	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	12	0	0.00	0.00	0.00	0.01	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

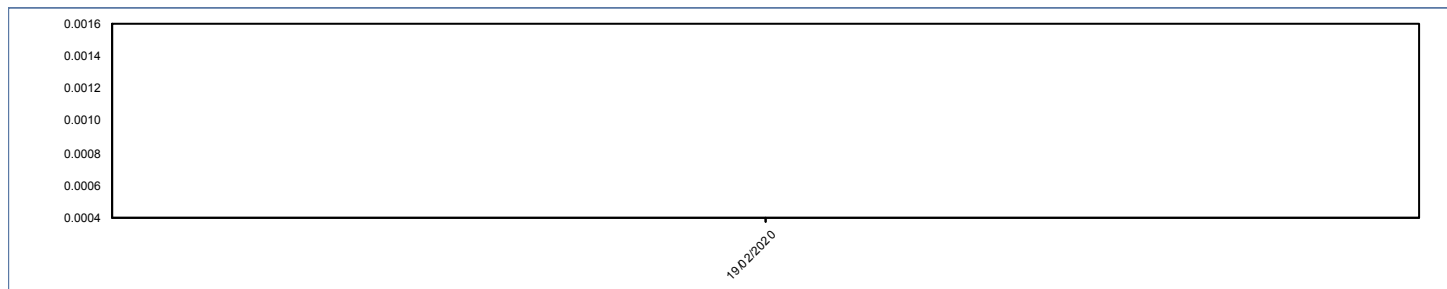
PBLagoon1

Number of readings

1

Number of breaches

0



PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



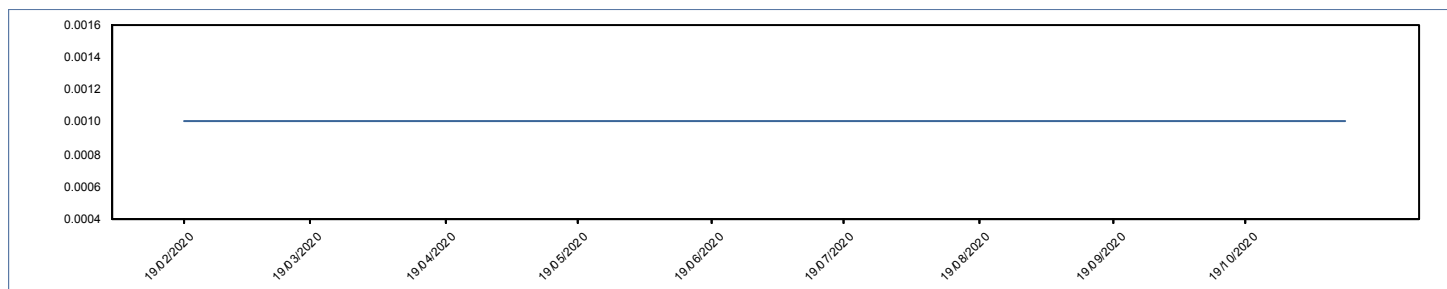
PBWP0001

Number of readings

3

Number of breaches

0



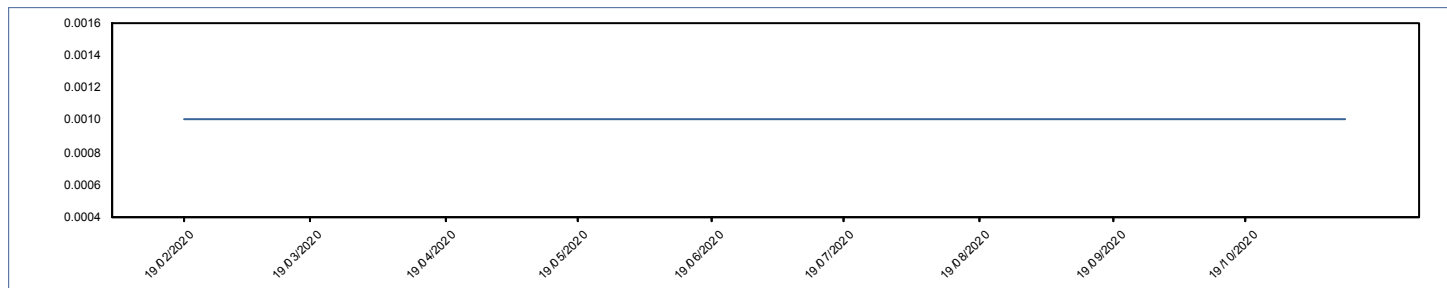
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

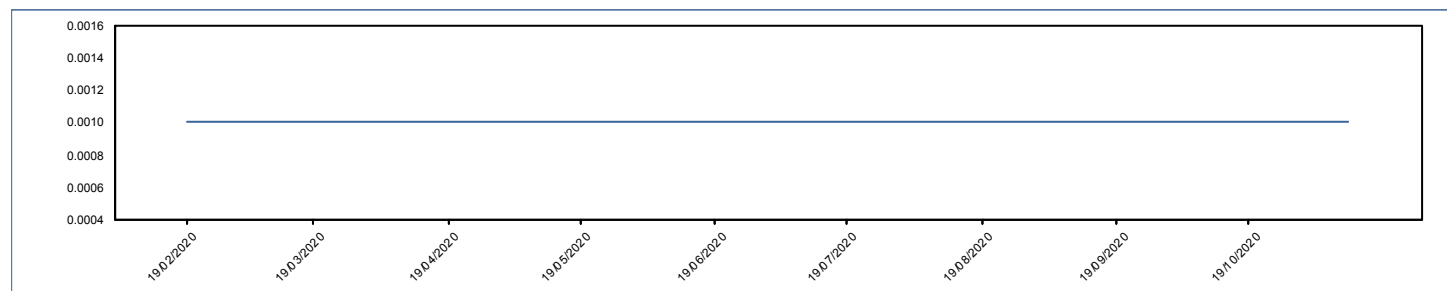
PBWP0003

Number of readings

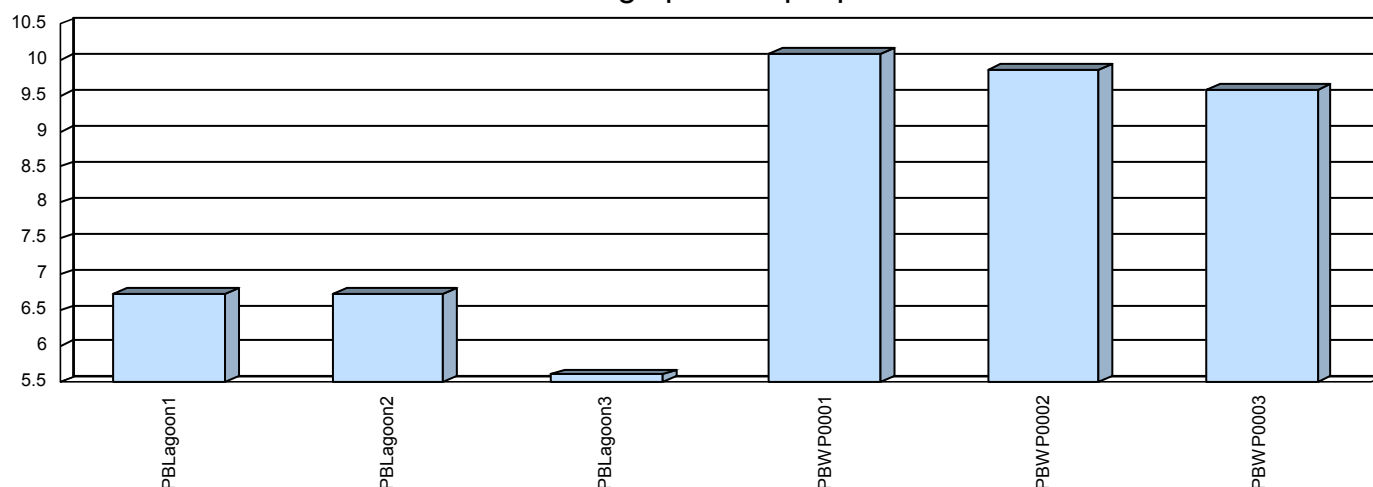
3

Number of breaches

0



Average per sample point

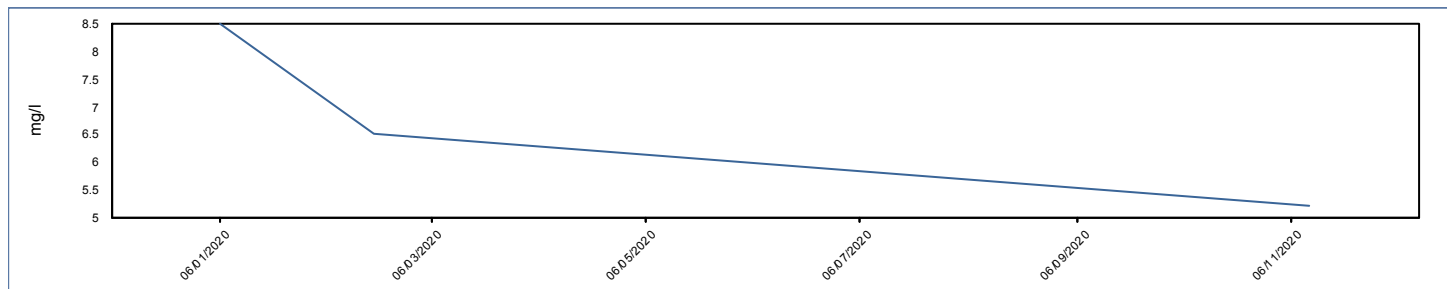


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	5.20	8.50	6.73	20.20	1.36	1.84	8.50
PBLagoon2	4	0	3.40	9.10	6.73	26.90	2.19	4.79	9.10
PBLagoon3	5	0	3.20	7.70	5.60	28.00	1.55	2.40	7.70
PBWP0001	5	0	8.30	11.50	10.08	50.40	1.08	1.17	11.50
PBWP0002	5	0	8.50	11.00	9.86	49.30	0.82	0.67	11.00
PBWP0003	5	0	7.00	11.50	9.58	47.90	1.48	2.18	11.50
Total	27	0	3.20	11.50	8.25	222.70	2.33	5.43	11.50

Data from: 1 Jan 2020 to: 31 Dec 2020

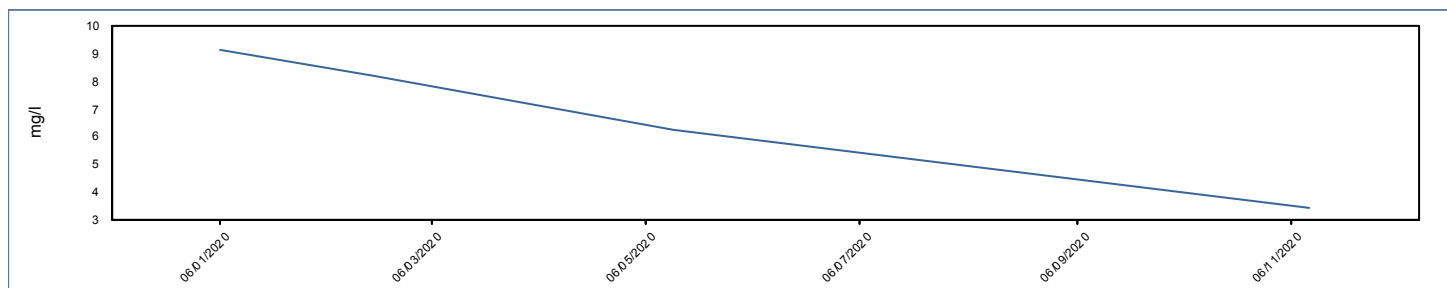
PBLagoon1

Number of readings 3 Number of breaches 0



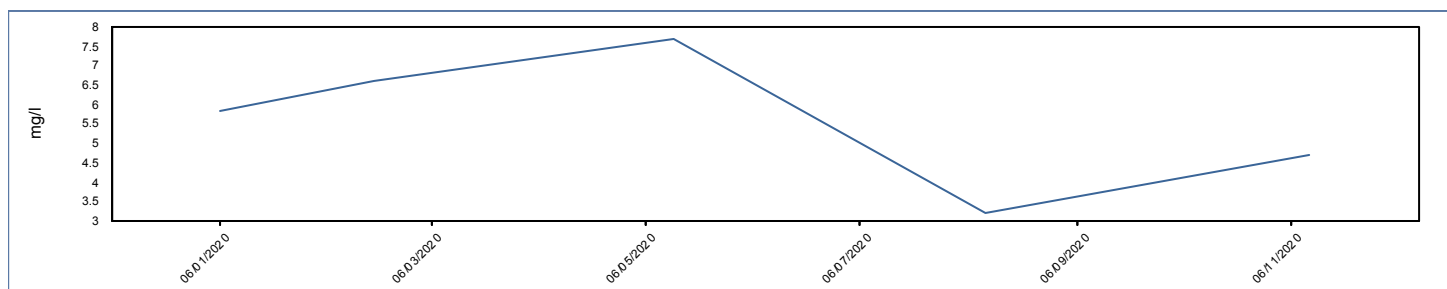
PBLagoon2

Number of readings 4 Number of breaches 0



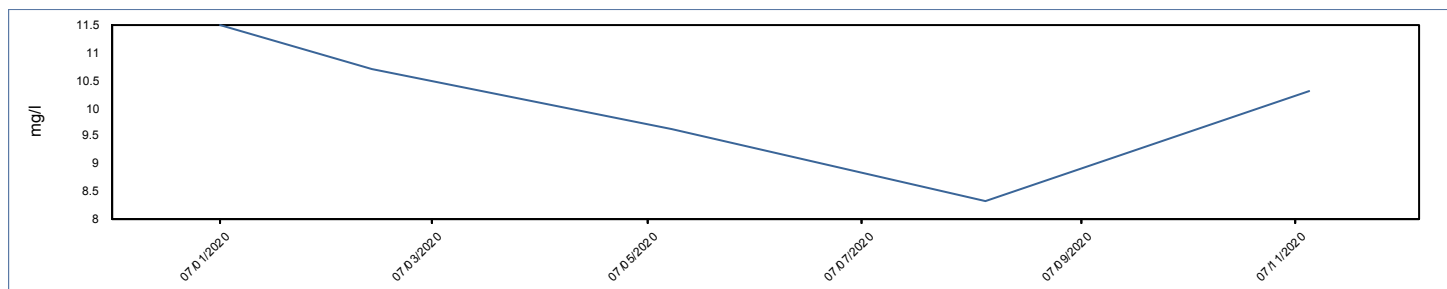
PBLagoon3

Number of readings 5 Number of breaches 0



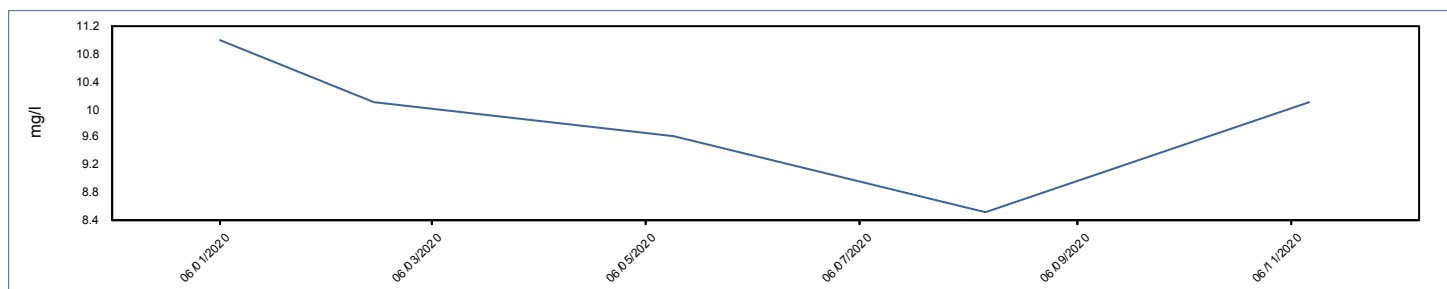
PBWP0001

Number of readings 5 Number of breaches 0



PBWP0002

Number of readings 5 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

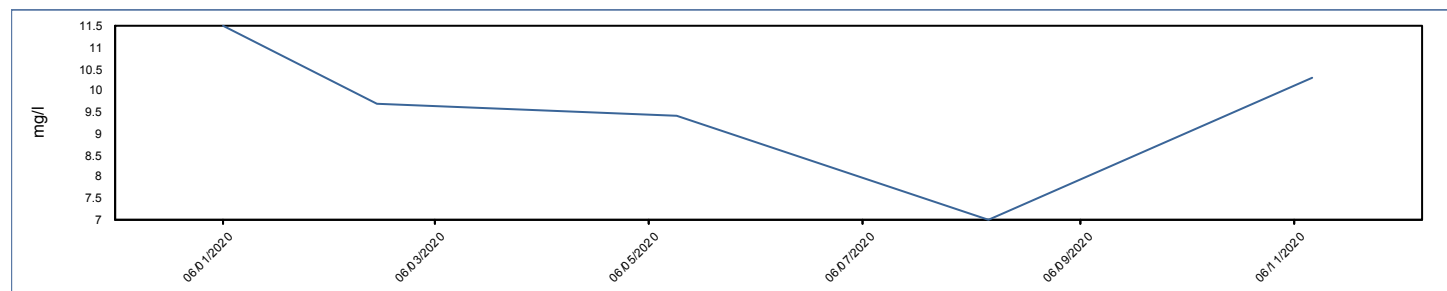
PBWP0003

Number of readings

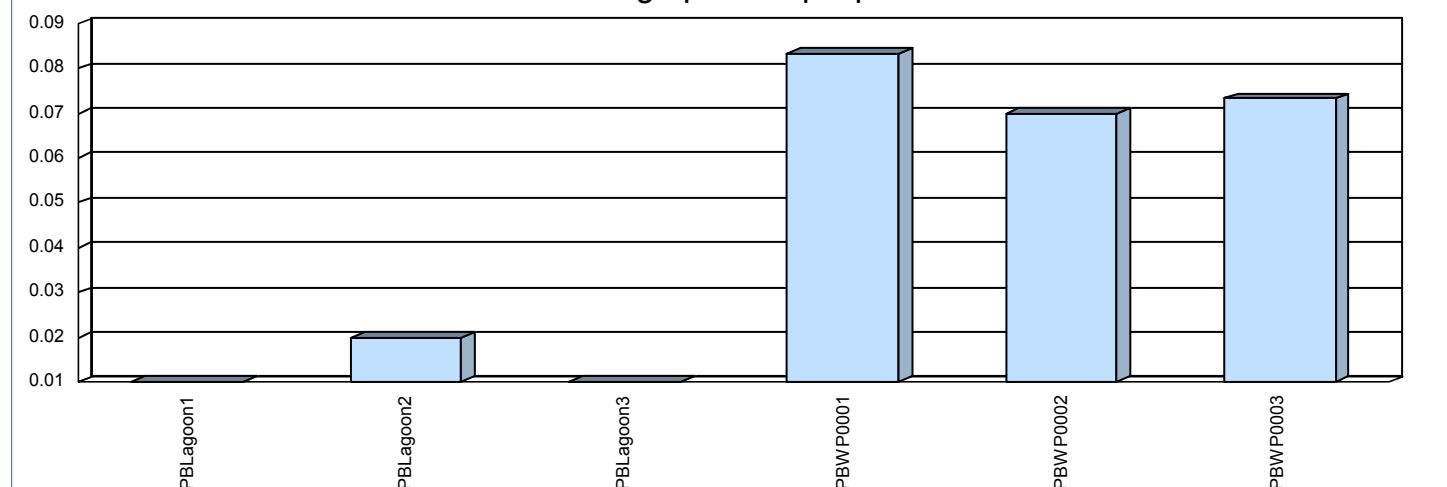
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBLagoon2	1	0	0.02	0.02	0.02	0.02	0.00	0.00	0.02
PBLagoon3	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBWP0001	3	0	0.05	0.14	0.08	0.25	0.04	0.00	0.14
PBWP0002	3	0	0.04	0.12	0.07	0.21	0.04	0.00	0.12
PBWP0003	3	0	0.04	0.12	0.07	0.22	0.03	0.00	0.12
Total	12	0	0.01	0.14	0.06	0.72	0.04	0.00	0.14

Data from: 1 Jan 2020 to: 31 Dec 2020

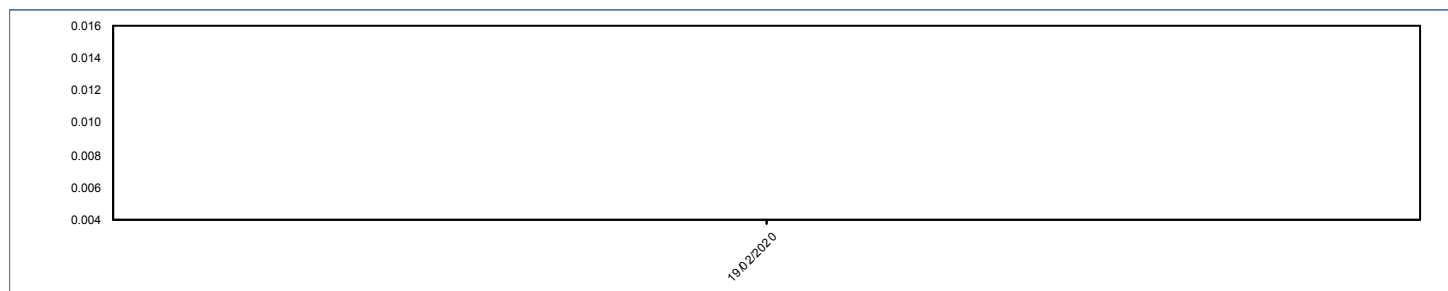
PBLagoon1

Number of readings

1

Number of breaches

0



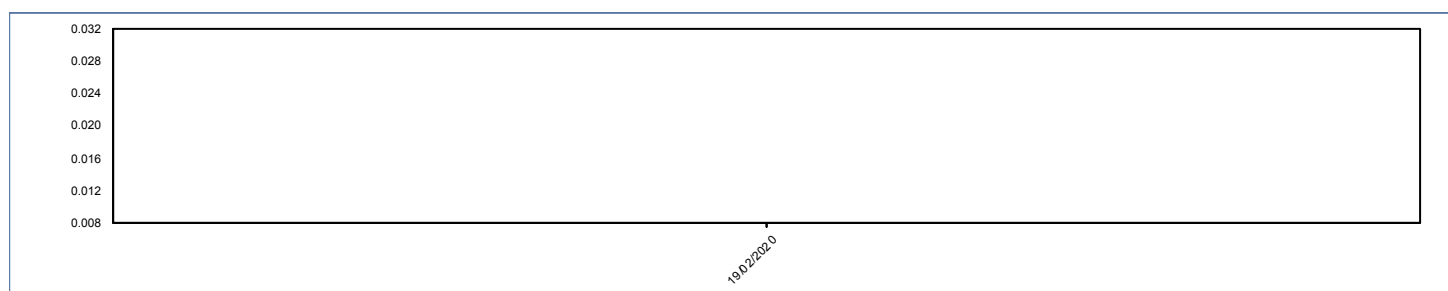
PBLagoon2

Number of readings

1

Number of breaches

0



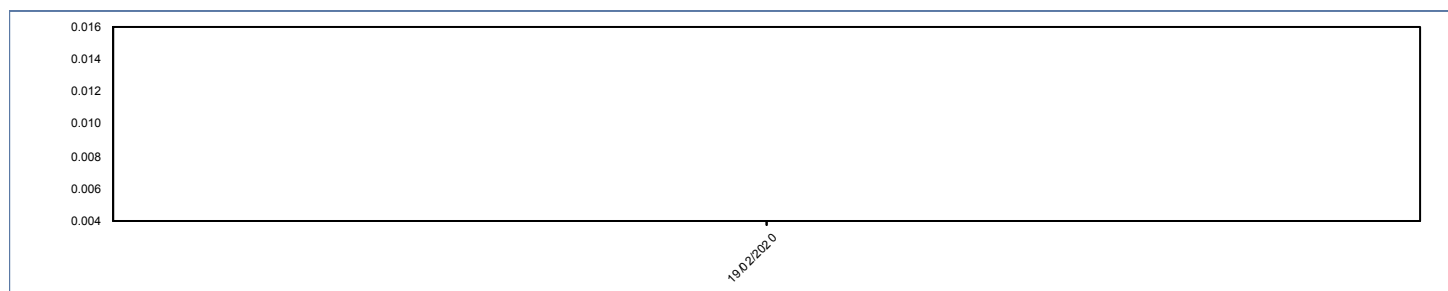
PBLagoon3

Number of readings

1

Number of breaches

0



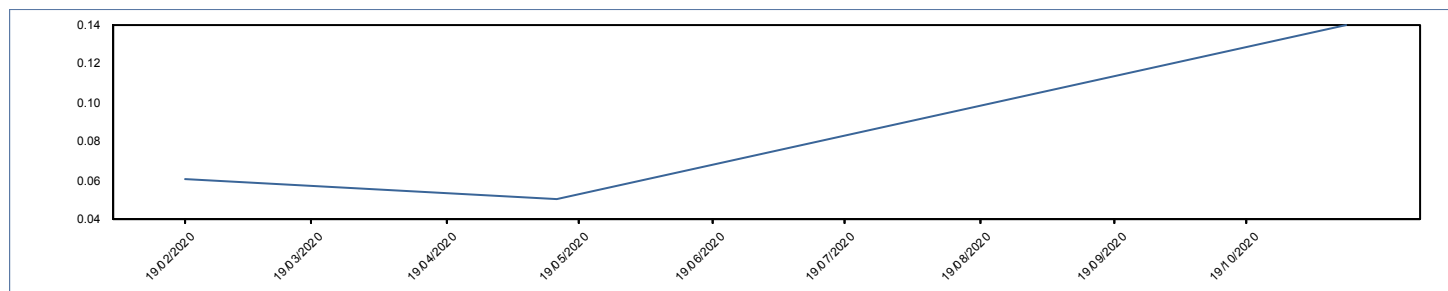
PBWP0001

Number of readings

3

Number of breaches

0



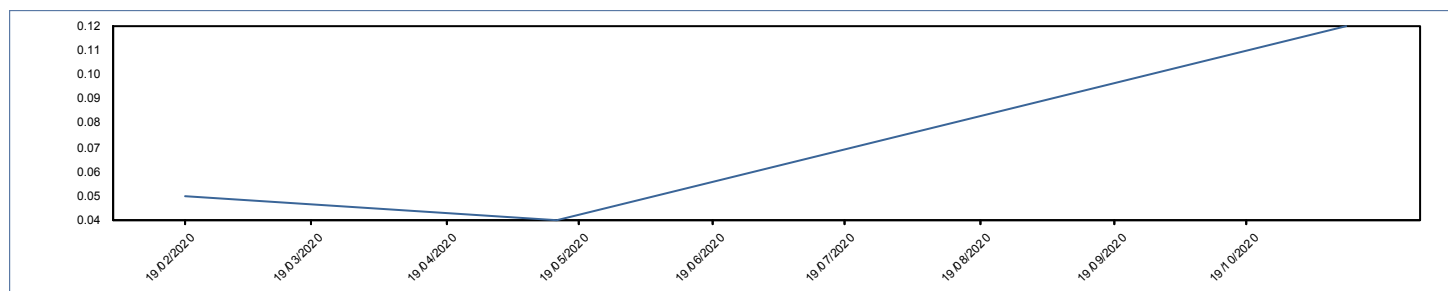
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

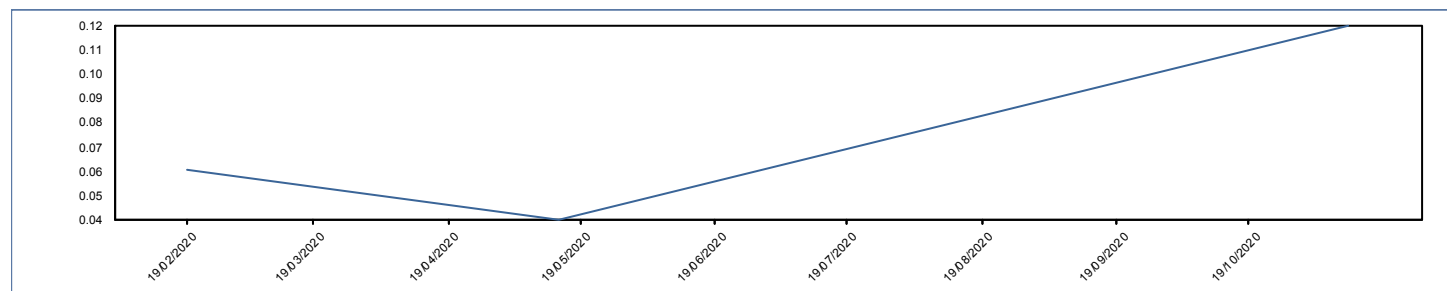
PBWP0003

Number of readings

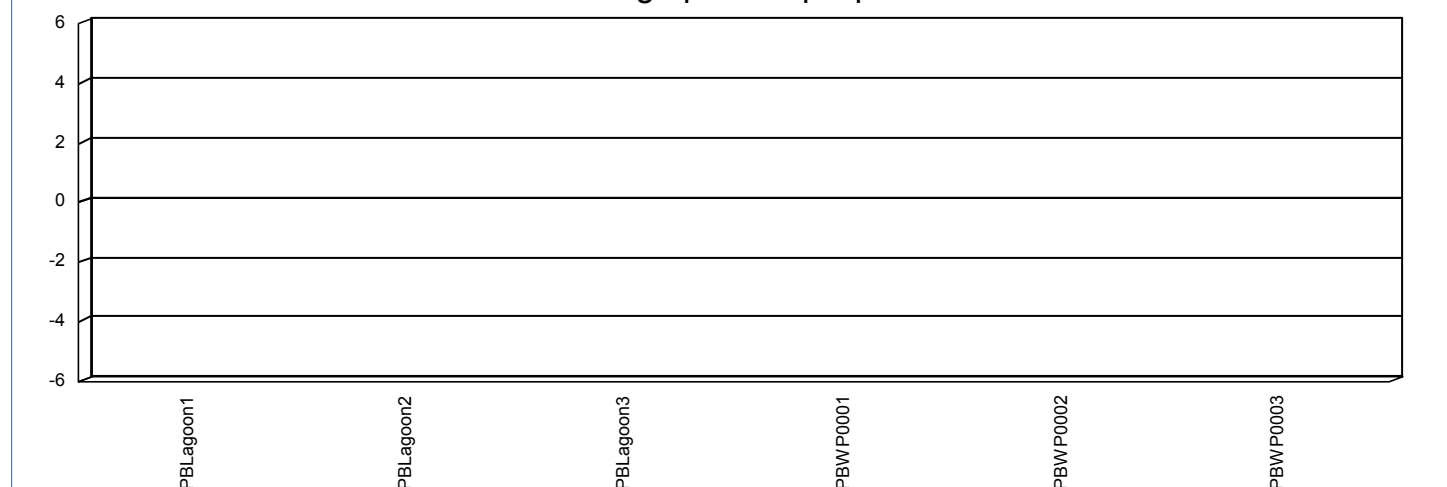
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	5	0							
PBLagoon2	5	0							
PBLagoon3	4	0							
PBWP0001	4	0							
PBWP0002	4	0							
PBWP0003	4	0							
Total	26	0							

Data from: 1 Jan 2020 to: 31 Dec 2020

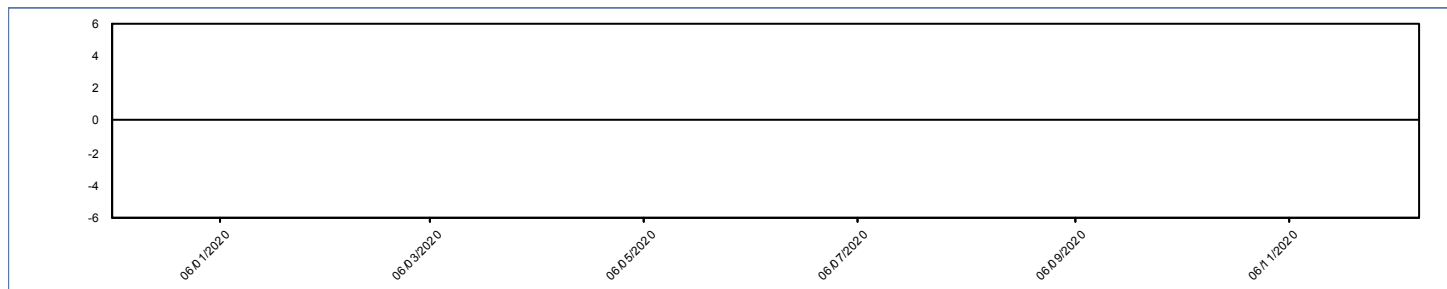
PBLagoon1

Number of readings

0

Number of breaches

0



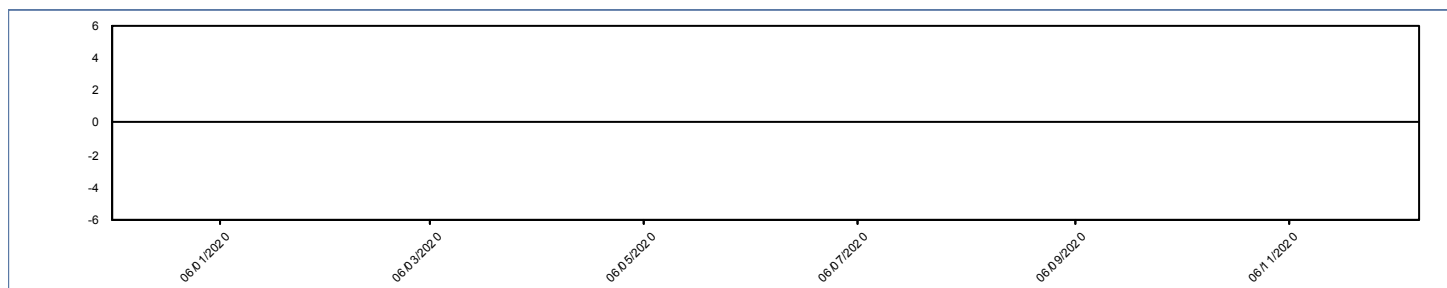
PBLagoon2

Number of readings

0

Number of breaches

0



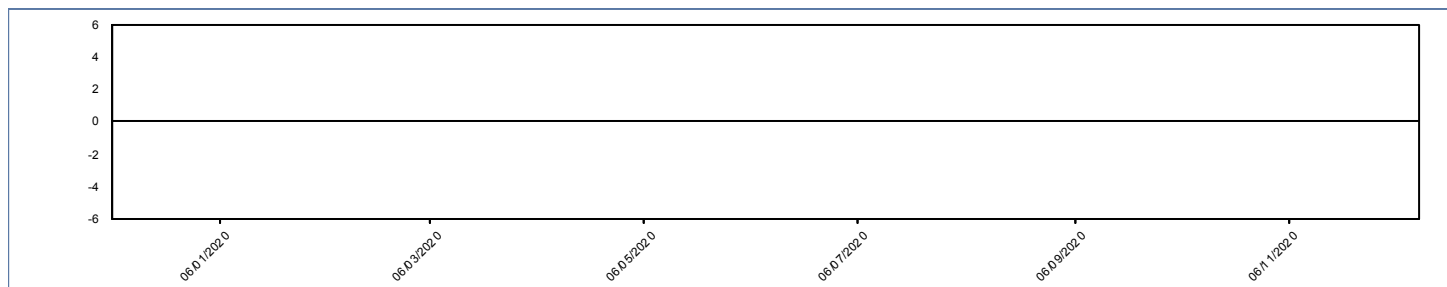
PBLagoon3

Number of readings

0

Number of breaches

0



PBWP0001

Number of readings

0

Number of breaches

0



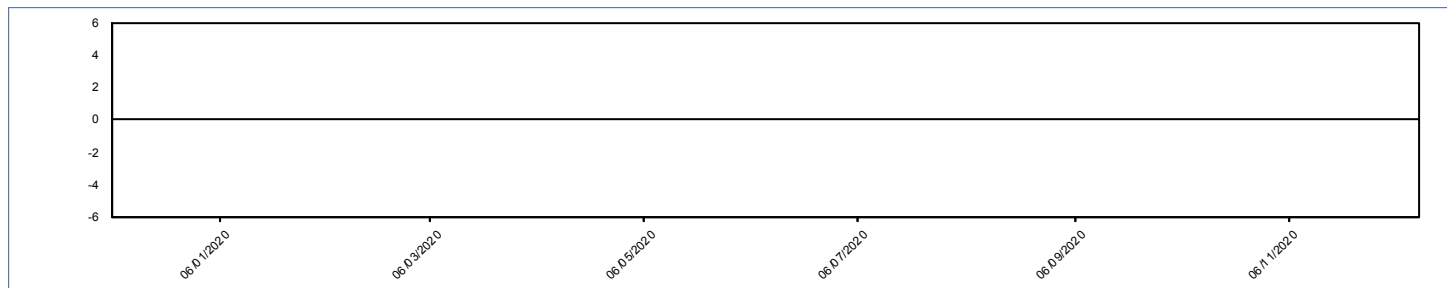
PBWP0002

Number of readings

0

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

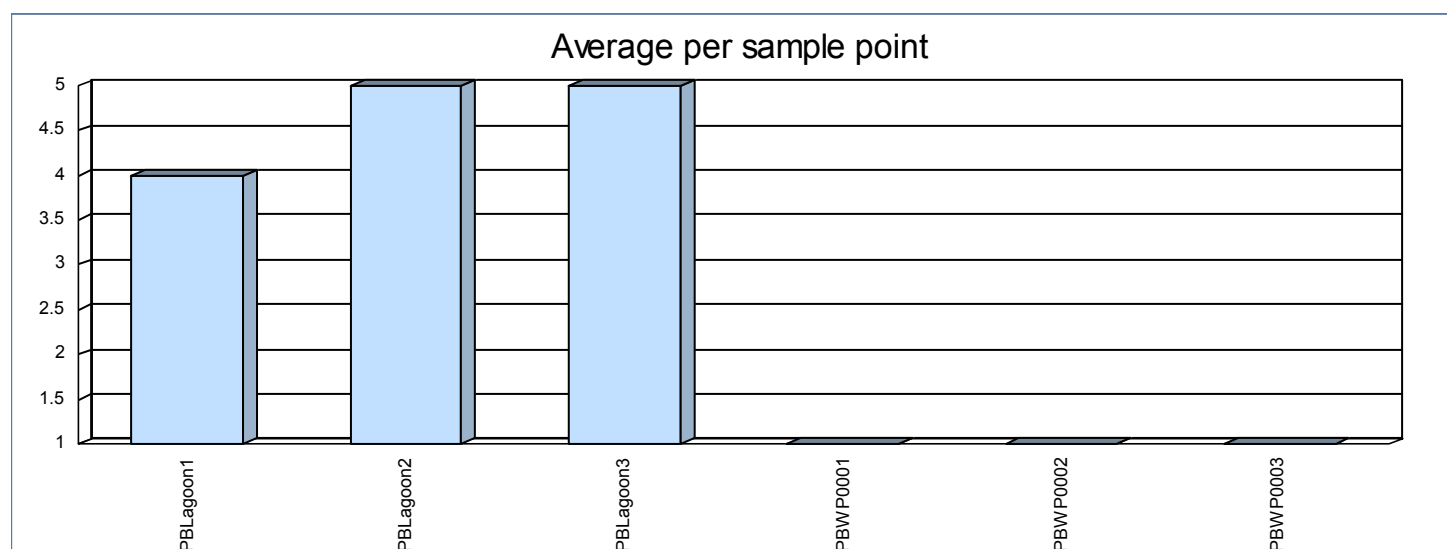
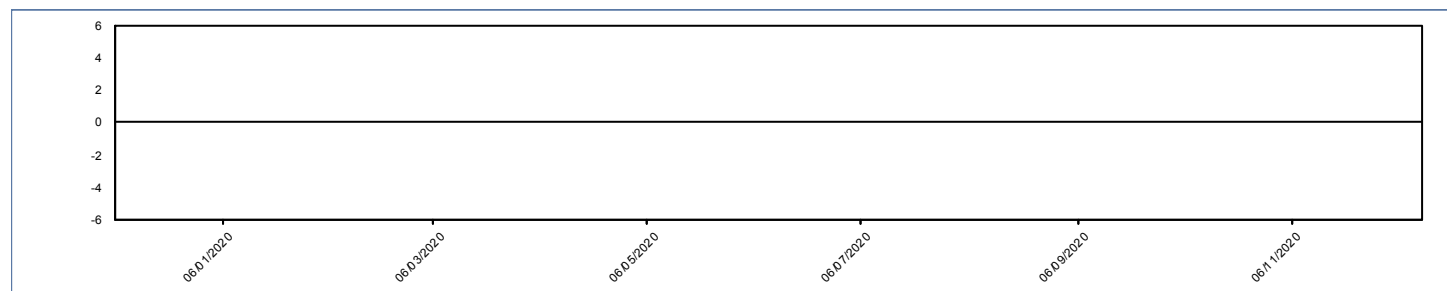
PBWP0003

Number of readings

0

Number of breaches

0

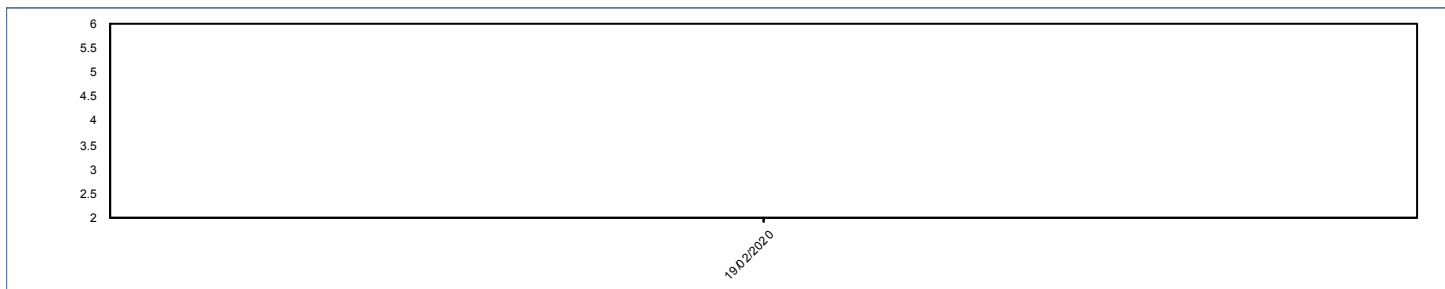


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	4.00	4.00	4.00	4.00	0.00	0.00	4.00
PBLagoon2	1	0	5.00	5.00	5.00	5.00	0.00	0.00	5.00
PBLagoon3	1	0	5.00	5.00	5.00	5.00	0.00	0.00	5.00
PBWP0001	3	0	1.00	1.00	1.00	3.00	0.00	0.00	1.00
PBWP0002	3	0	1.00	1.00	1.00	3.00	0.00	0.00	1.00
PBWP0003	3	0	1.00	1.00	1.00	3.00	0.00	0.00	1.00
Total	12	0	1.00	5.00	1.92	23.00	1.61	2.58	5.00

Data from: 1 Jan 2020 to: 31 Dec 2020

PBLagoon1

Number of readings 1 Number of breaches 0



PBLagoon2

Number of readings 1 Number of breaches 0



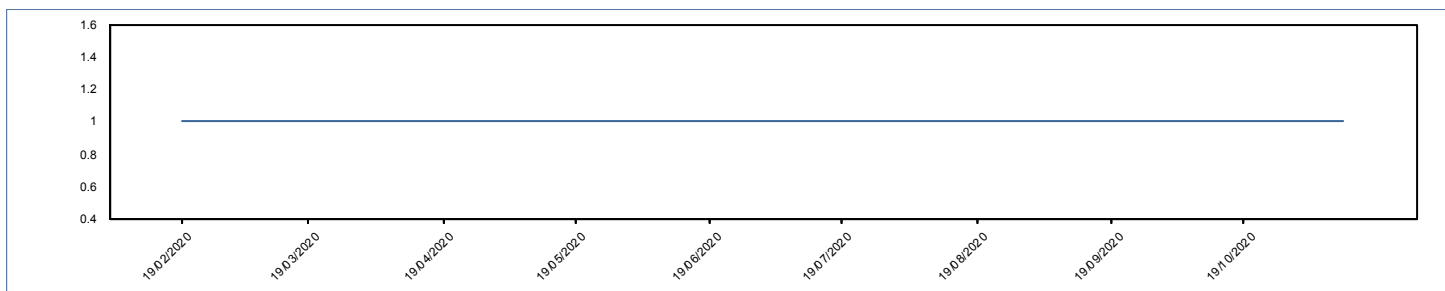
PBLagoon3

Number of readings 1 Number of breaches 0



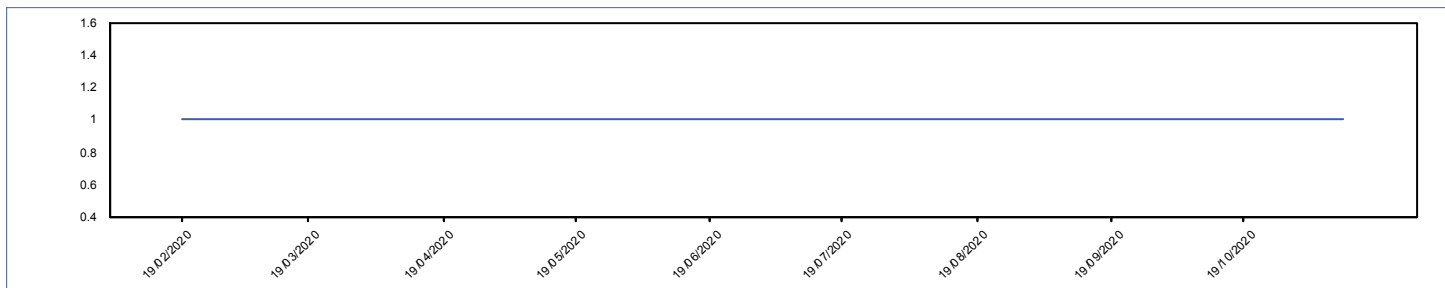
PBWP0001

Number of readings 3 Number of breaches 0



PBWP0002

Number of readings 3 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

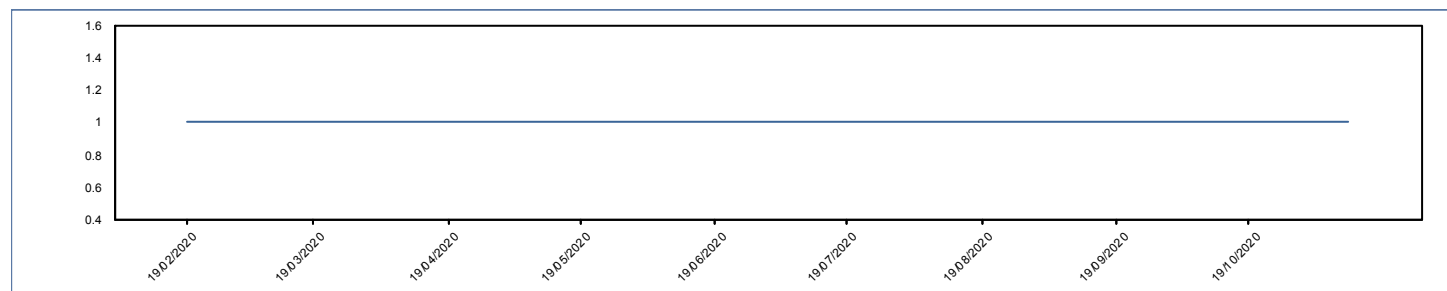
PBWP0003

Number of readings

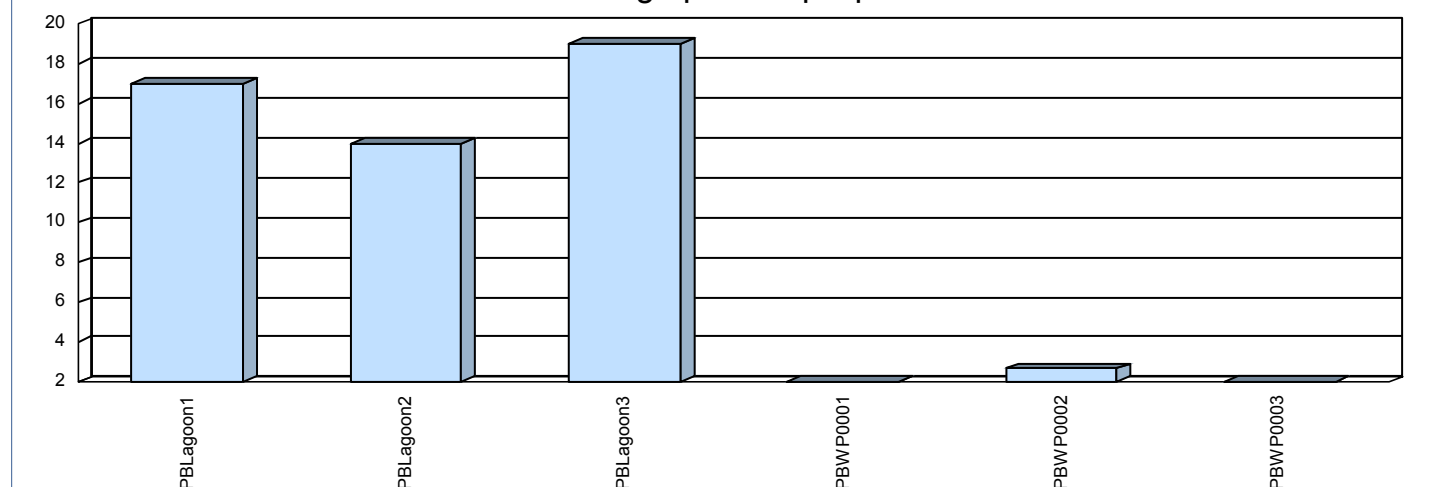
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	17.00	17.00	17.00	17.00	0.00	0.00	17.00
PBLagoon2	1	0	14.00	14.00	14.00	14.00	0.00	0.00	14.00
PBLagoon3	1	0	19.00	19.00	19.00	19.00	0.00	0.00	19.00
PBWP0001	3	0	2.00	2.00	2.00	6.00	0.00	0.00	2.00
PBWP0002	3	0	2.00	4.00	2.67	8.00	0.94	0.89	4.00
PBWP0003	3	0	2.00	2.00	2.00	6.00	0.00	0.00	2.00
Total	12	0	2.00	19.00	5.83	70.00	6.36	40.47	19.00

Data from: 1 Jan 2020 to: 31 Dec 2020

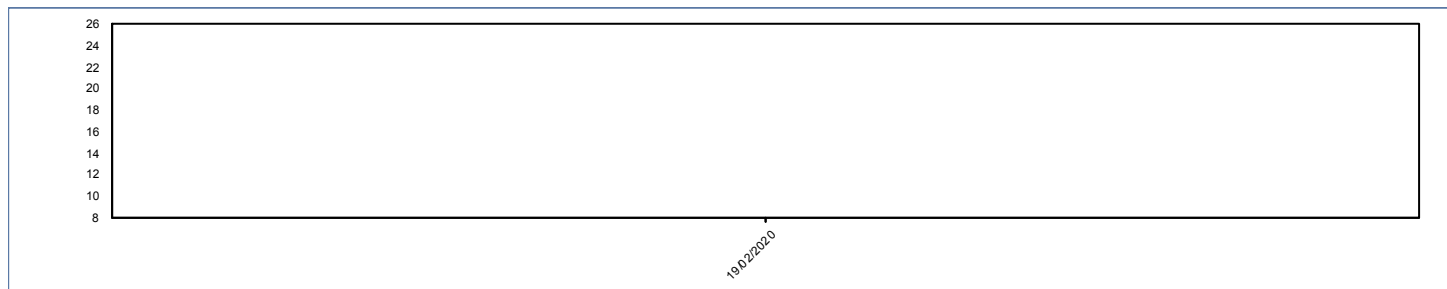
PBLagoon1

Number of readings

1

Number of breaches

0



PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



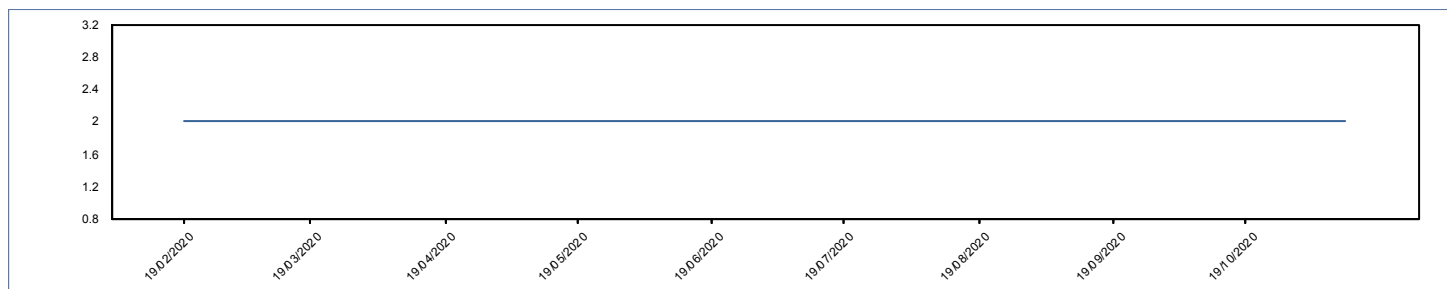
PBWP0001

Number of readings

3

Number of breaches

0



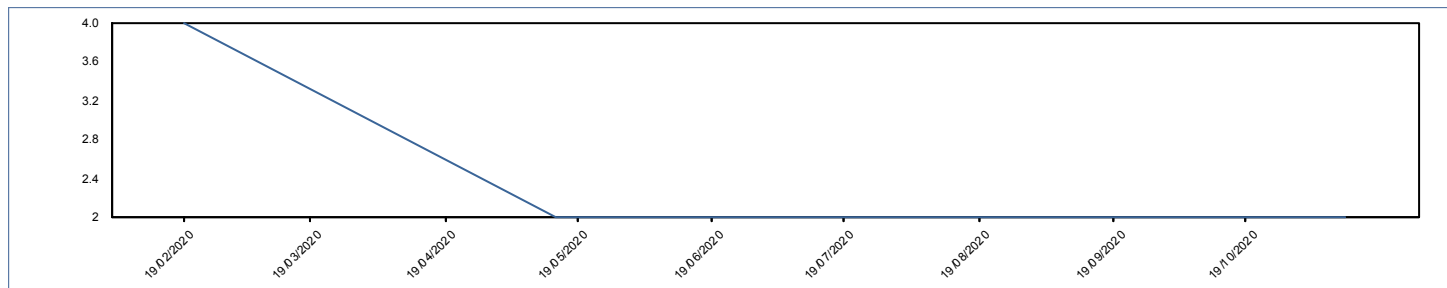
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

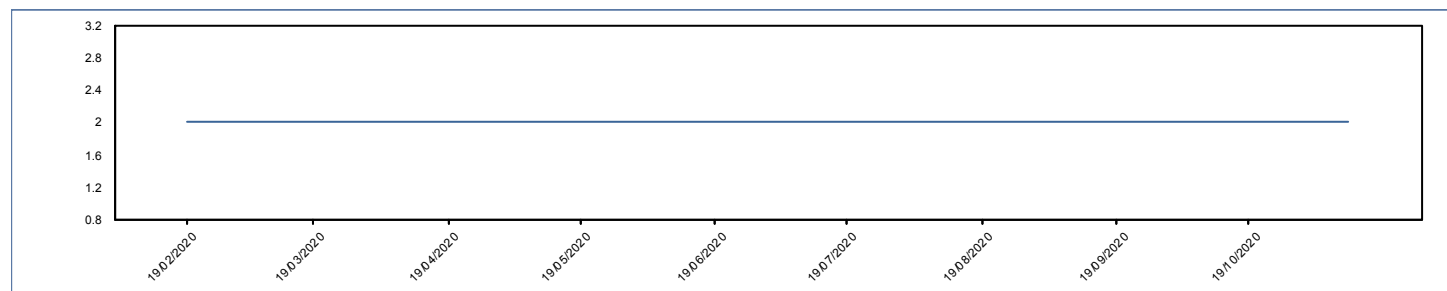
PBWP0003

Number of readings

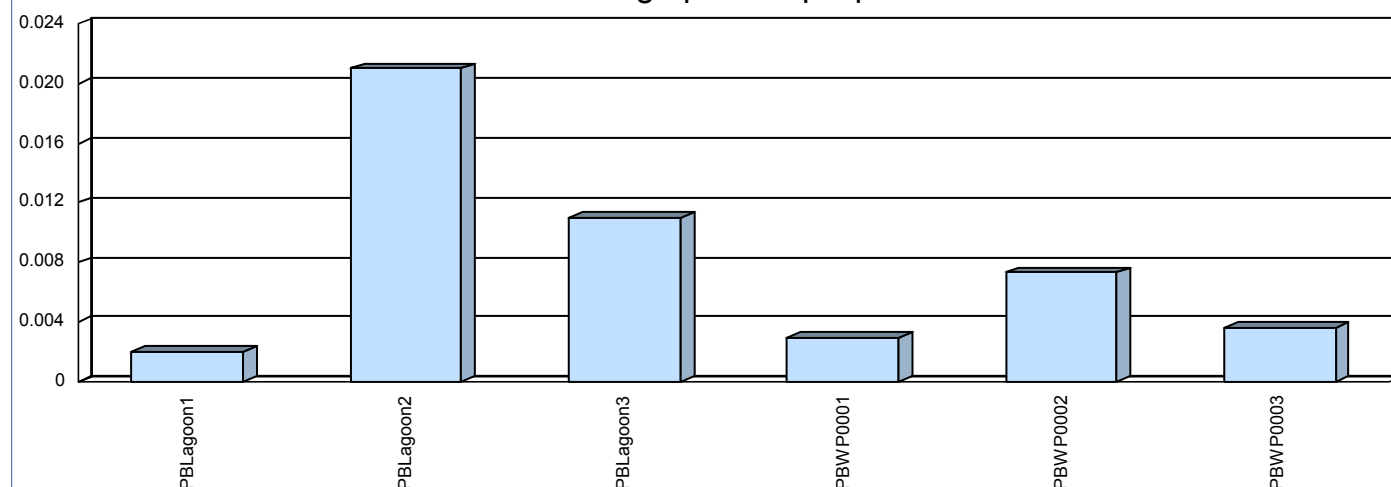
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon2	1	0	0.02	0.02	0.02	0.02	0.00	0.00	0.02
PBLagoon3	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBWP0001	3	0	0.00	0.01	0.00	0.01	0.00	0.00	0.01
PBWP0002	3	0	0.00	0.02	0.01	0.02	0.01	0.00	0.02
PBWP0003	3	0	0.00	0.01	0.00	0.01	0.00	0.00	0.01
Total	12	0	0.00	0.02	0.01	0.08	0.01	0.00	0.02

Data from: 1 Jan 2020 to: 31 Dec 2020

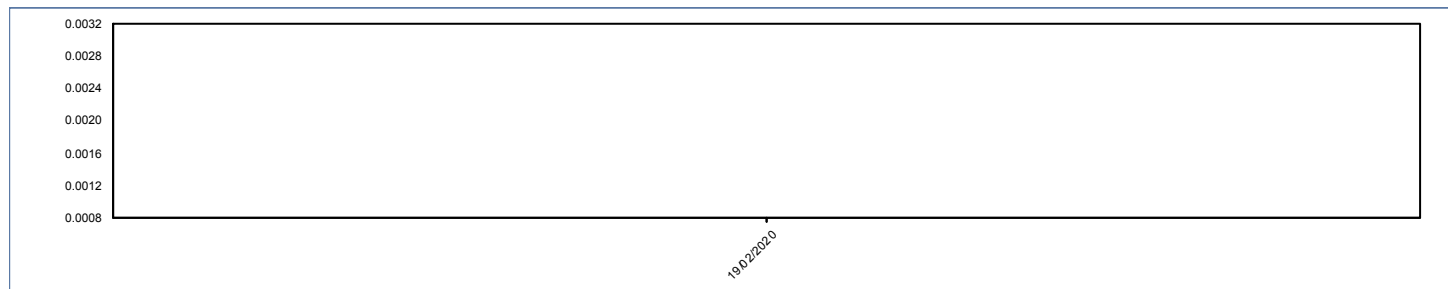
PBLagoon1

Number of readings

1

Number of breaches

0



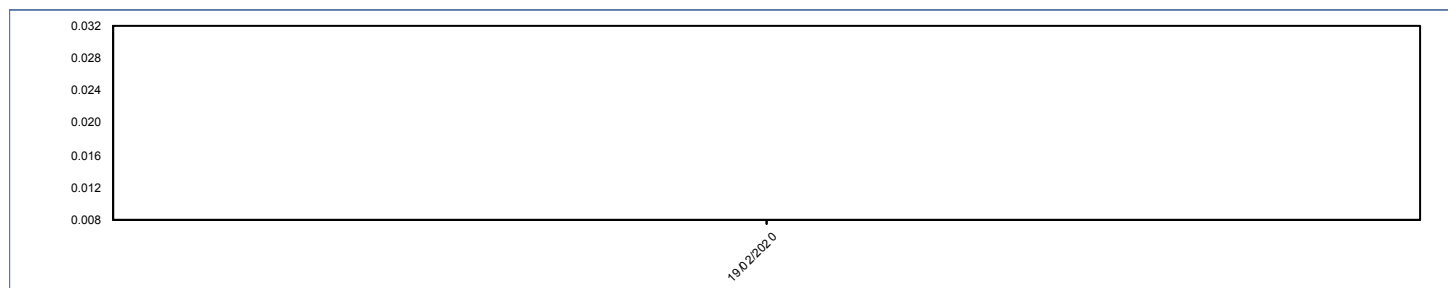
PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



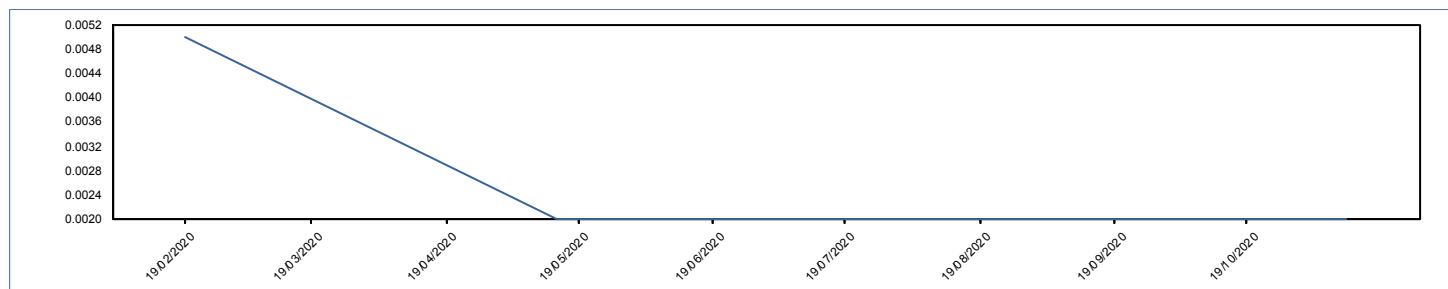
PBWP0001

Number of readings

3

Number of breaches

0



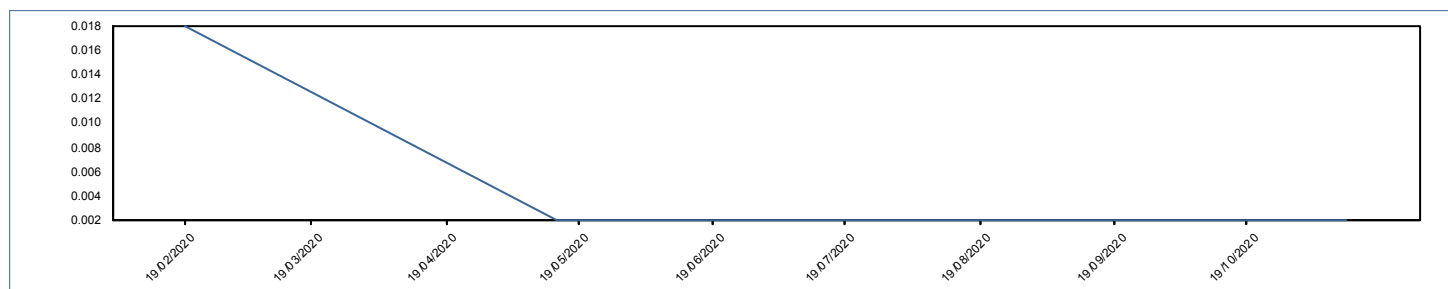
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

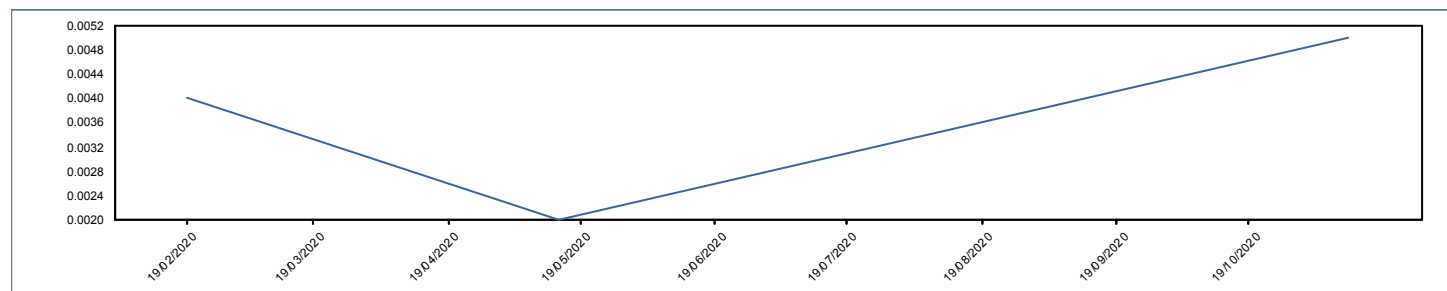
PBWP0003

Number of readings

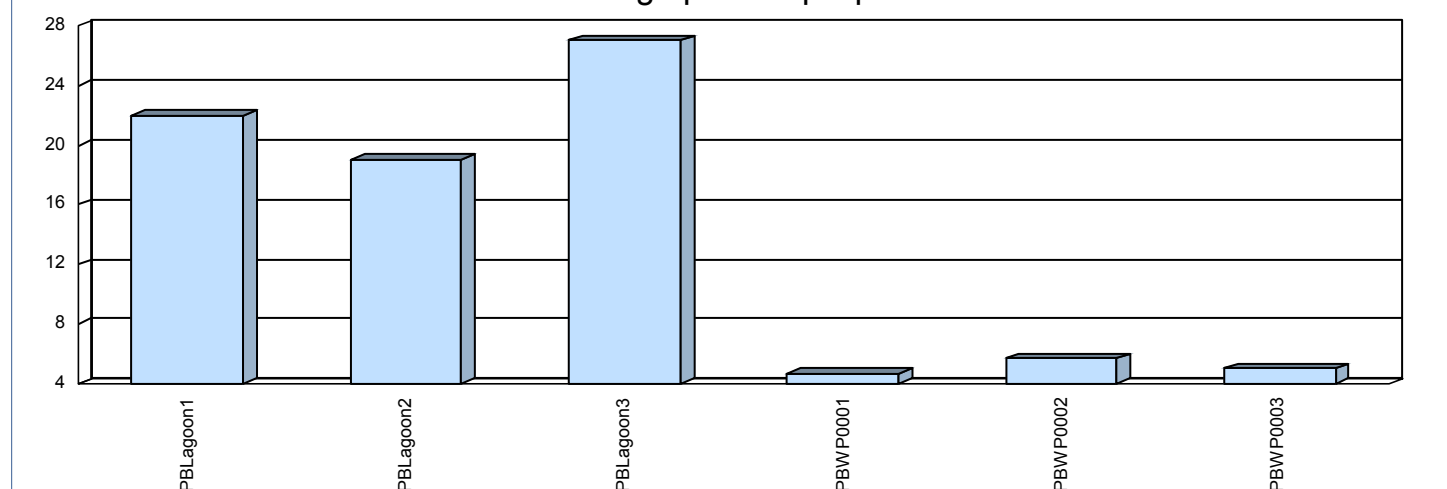
3

Number of breaches

0



Average per sample point

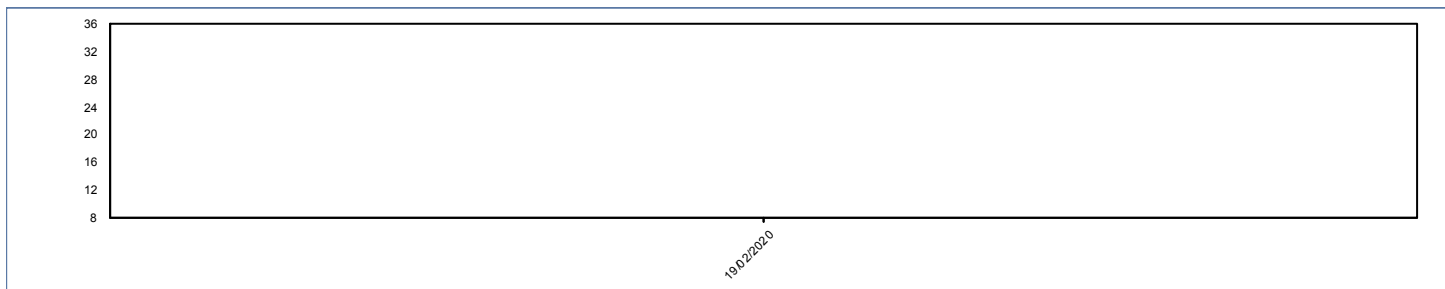


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	22.00	22.00	22.00	22.00	0.00	0.00	22.00
PBLagoon2	1	0	19.00	19.00	19.00	19.00	0.00	0.00	19.00
PBLagoon3	1	0	27.00	27.00	27.00	27.00	0.00	0.00	27.00
PBWP0001	3	0	4.00	5.00	4.67	14.00	0.47	0.22	5.00
PBWP0002	3	0	5.00	7.00	5.67	17.00	0.94	0.89	7.00
PBWP0003	3	0	5.00	5.00	5.00	15.00	0.00	0.00	5.00
Total	12	0	4.00	27.00	9.50	114.00	7.80	60.92	27.00

Data from: 1 Jan 2020 to: 31 Dec 2020

PBLagoon1

Number of readings 1 Number of breaches 0



PBLagoon2

Number of readings 1 Number of breaches 0



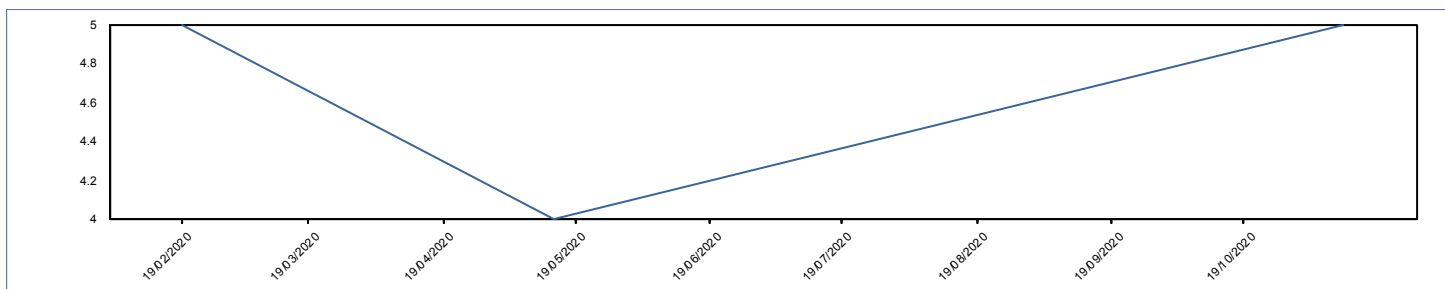
PBLagoon3

Number of readings 1 Number of breaches 0



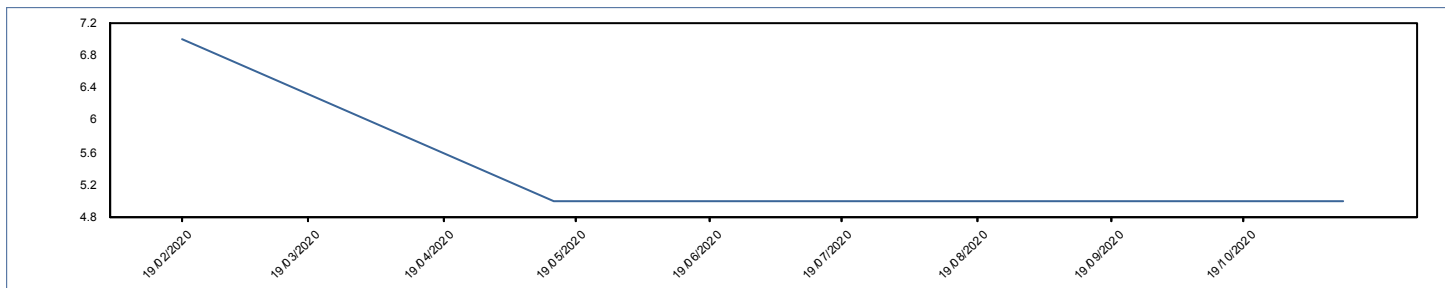
PBWP0001

Number of readings 3 Number of breaches 0



PBWP0002

Number of readings 3 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

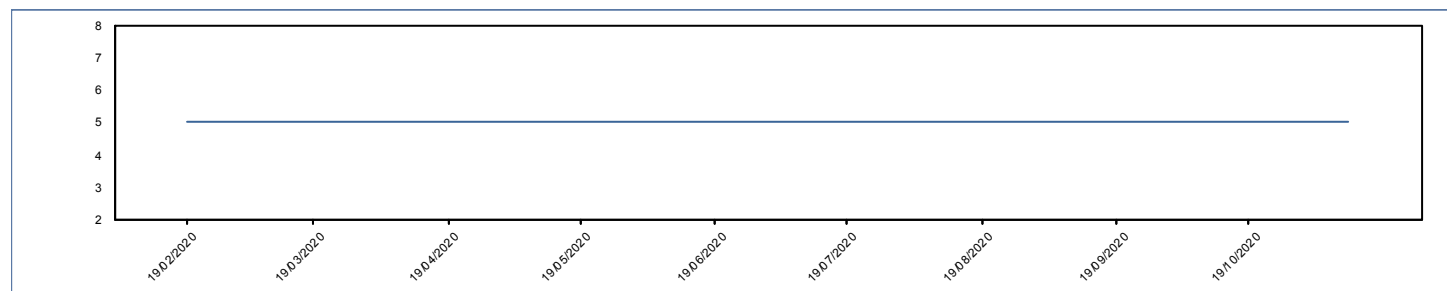
PBWP0003

Number of readings

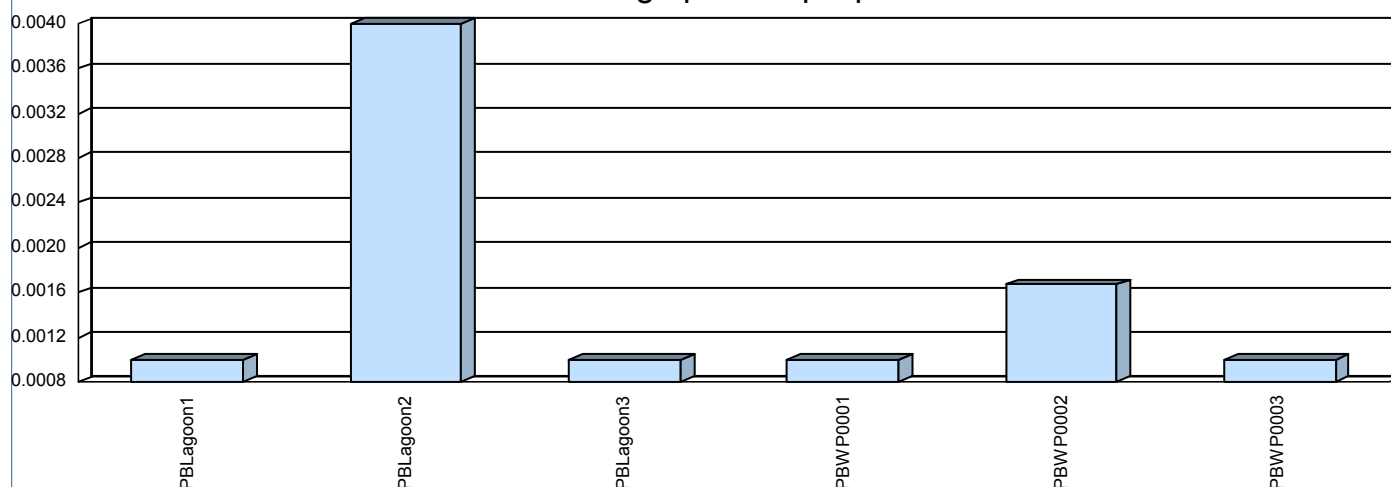
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon2	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0001	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0002	3	0	0.00	0.00	0.00	0.01	0.00	0.00	0.00
PBWP0003	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	12	0	0.00	0.00	0.00	0.02	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

PBLagoon1

Number of readings

1

Number of breaches

0



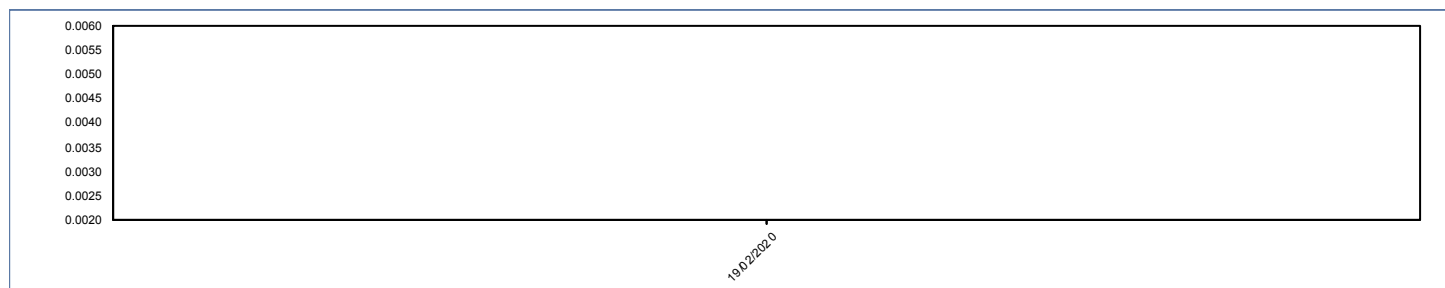
PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



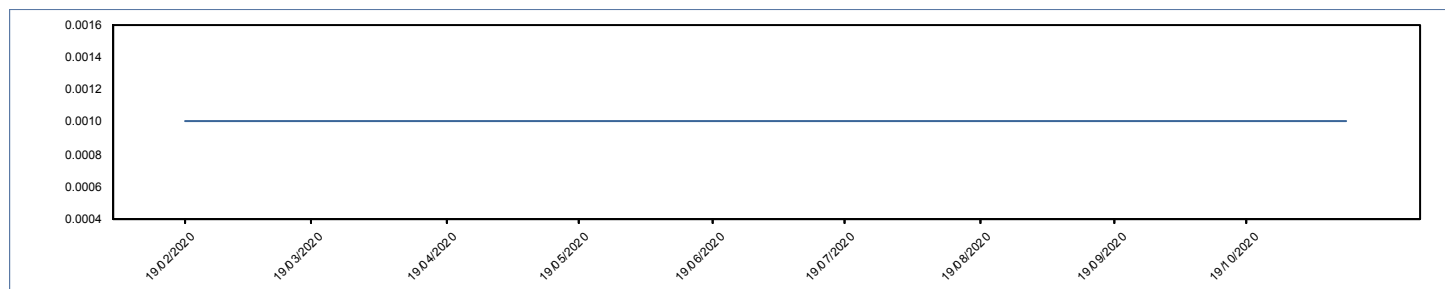
PBWP0001

Number of readings

3

Number of breaches

0



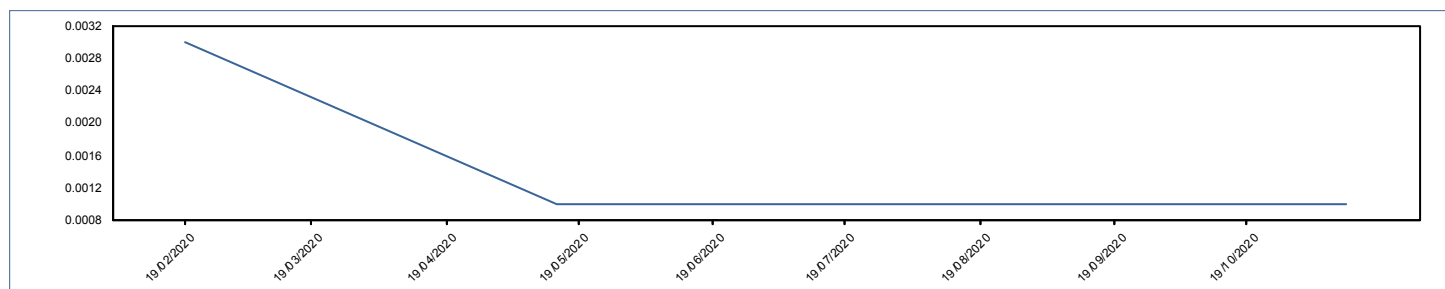
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

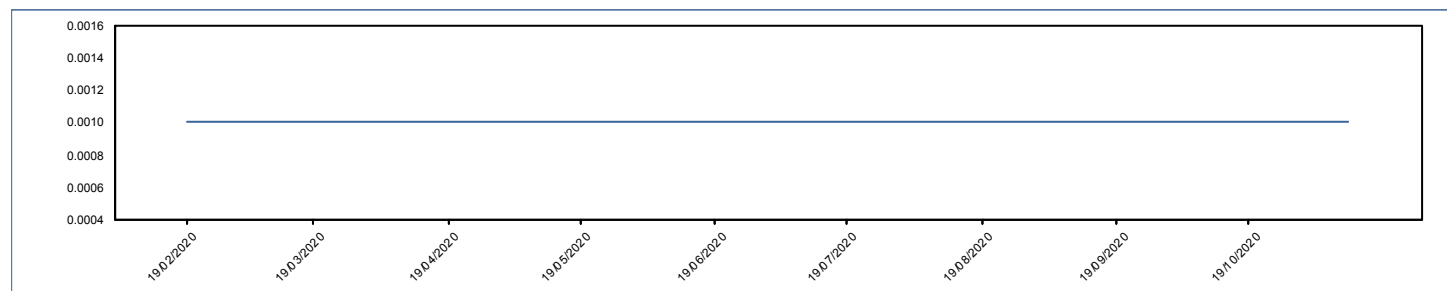
PBWP0003

Number of readings

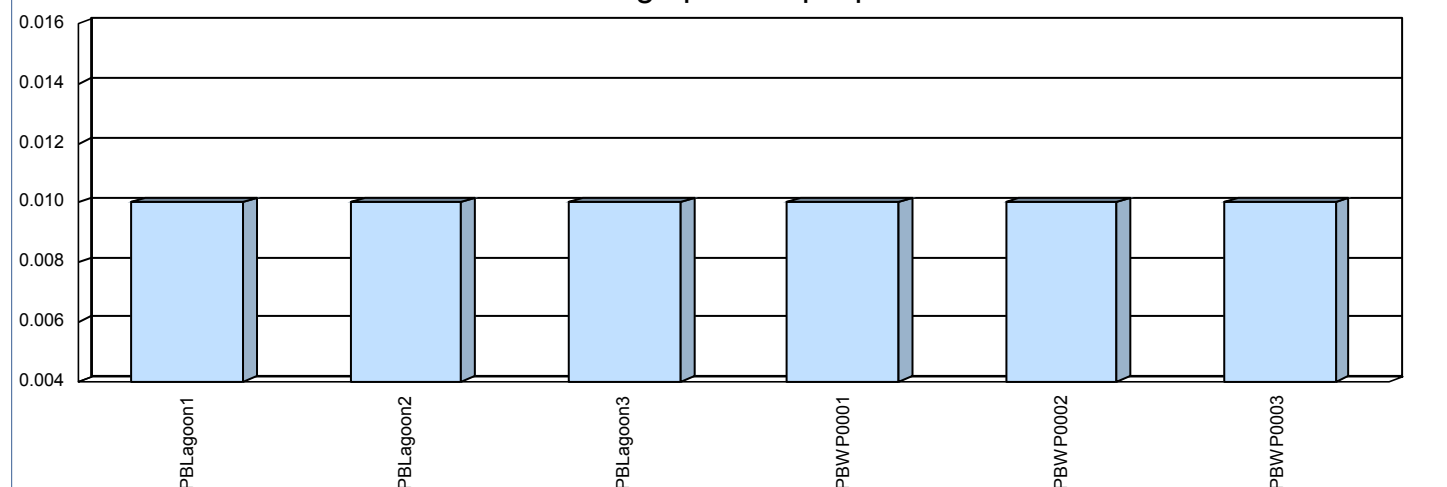
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBLagoon2	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBLagoon3	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBWP0001	3	0	0.01	0.01	0.01	0.03	0.00	0.00	0.01
PBWP0002	3	0	0.01	0.01	0.01	0.03	0.00	0.00	0.01
PBWP0003	3	0	0.01	0.01	0.01	0.03	0.00	0.00	0.01
Total	12	0	0.01	0.01	0.01	0.12	0.00	0.00	0.01

Data from: 1 Jan 2020 to: 31 Dec 2020

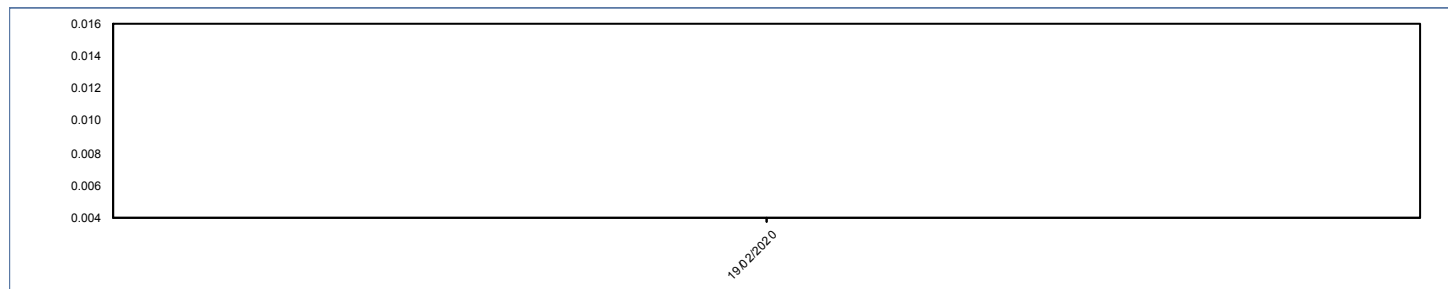
PBLagoon1

Number of readings

1

Number of breaches

0



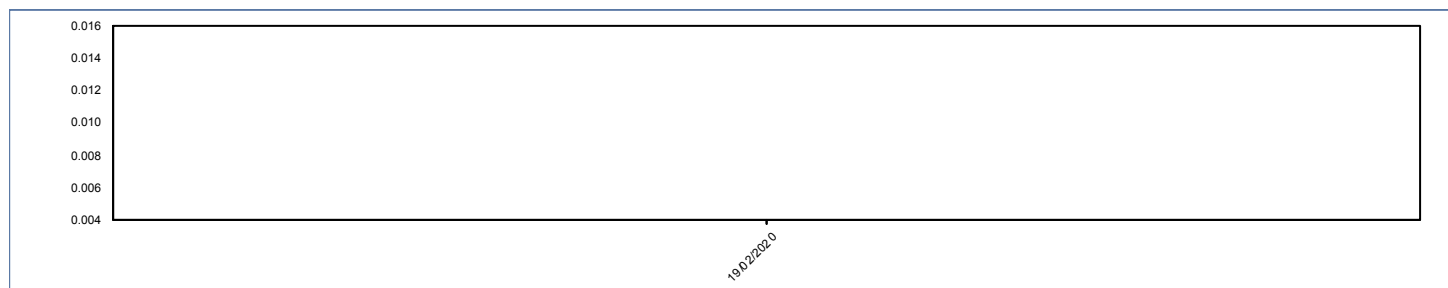
PBLagoon2

Number of readings

1

Number of breaches

0



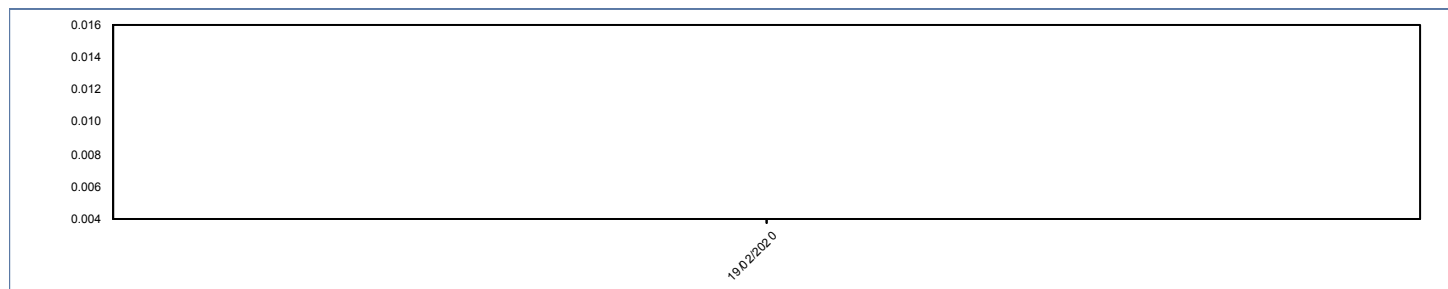
PBLagoon3

Number of readings

1

Number of breaches

0



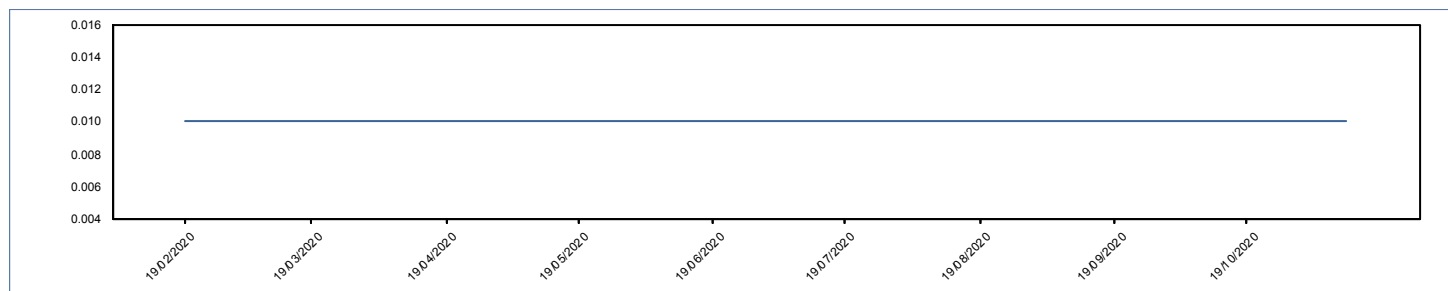
PBWP0001

Number of readings

3

Number of breaches

0



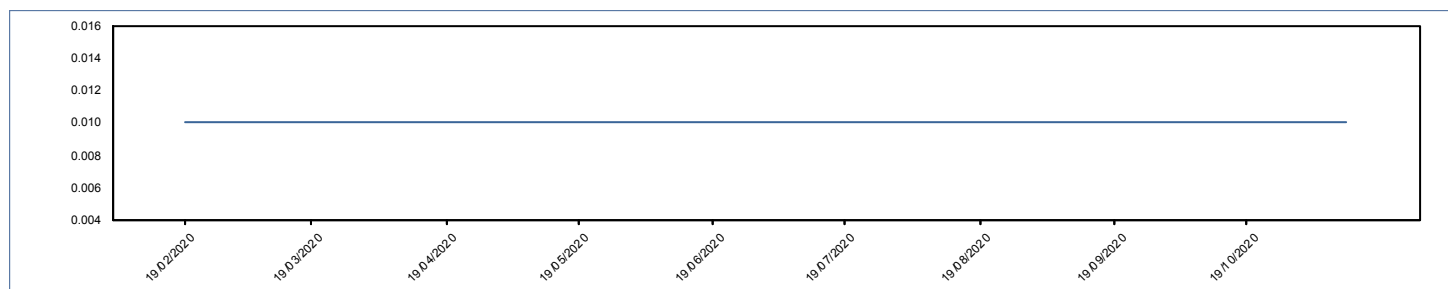
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

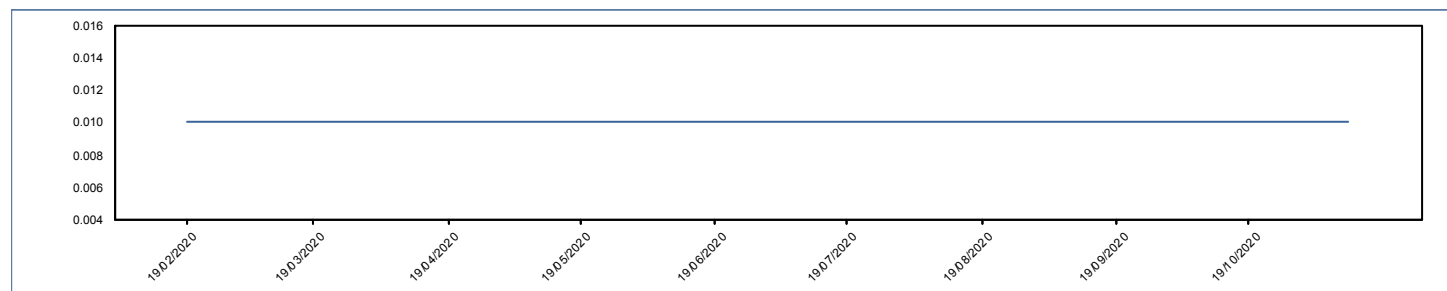
PBWP0003

Number of readings

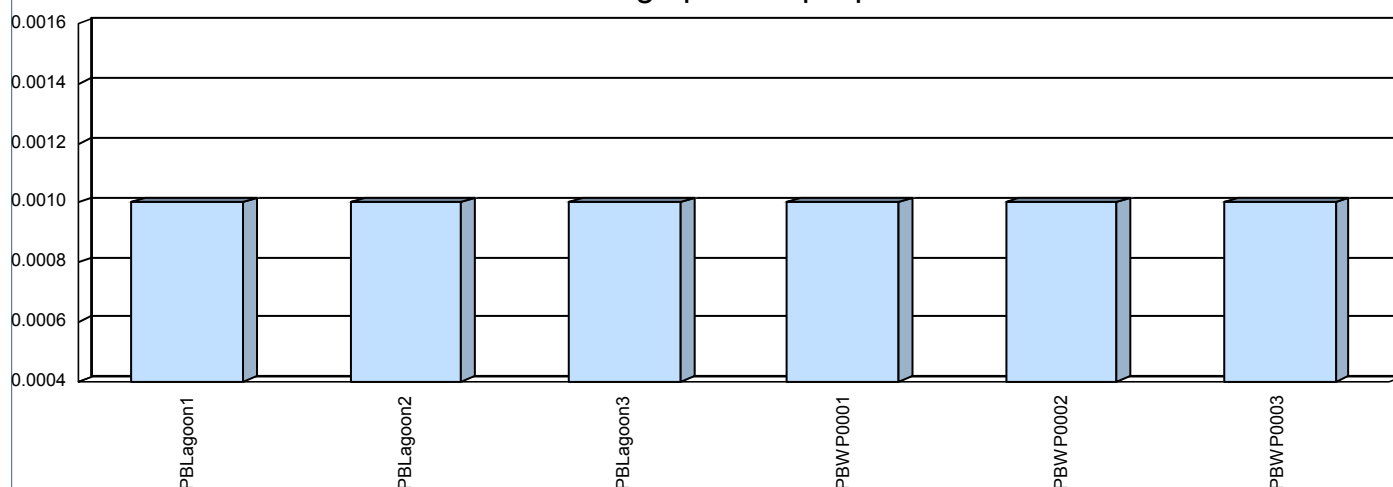
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon2	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0001	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0002	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0003	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	12	0	0.00	0.00	0.00	0.01	0.00	0.00	0.00

Data from: 1 Jan 2020 to: 31 Dec 2020

PBLagoon1

Number of readings

1

Number of breaches

0



PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



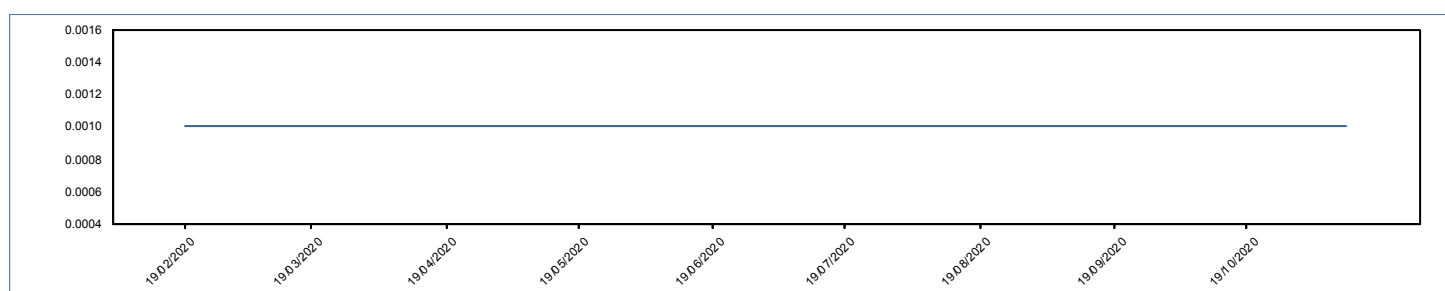
PBWP0001

Number of readings

3

Number of breaches

0



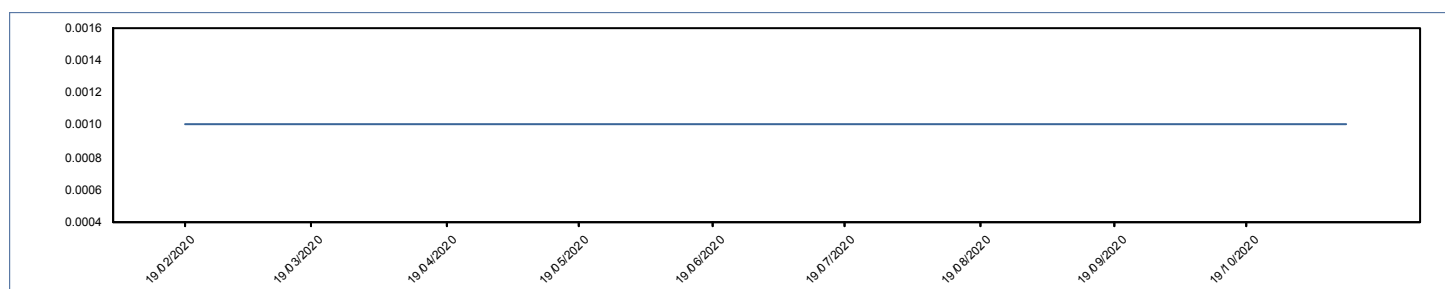
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

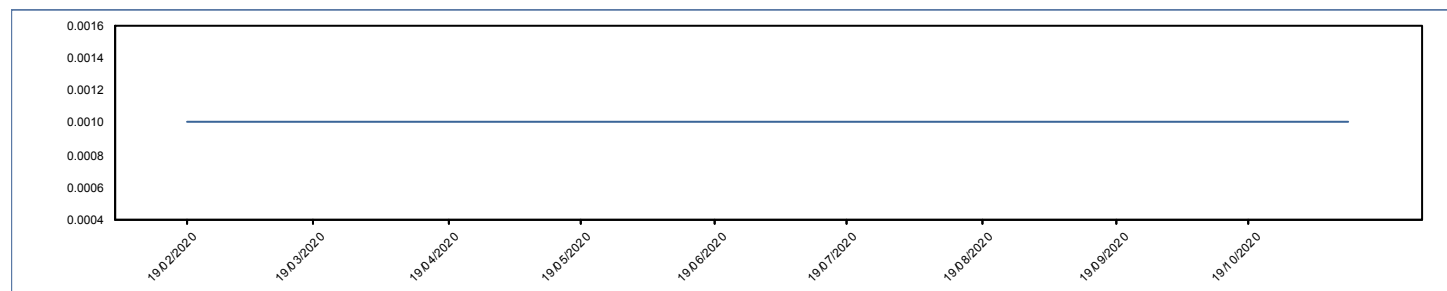
PBWP0003

Number of readings

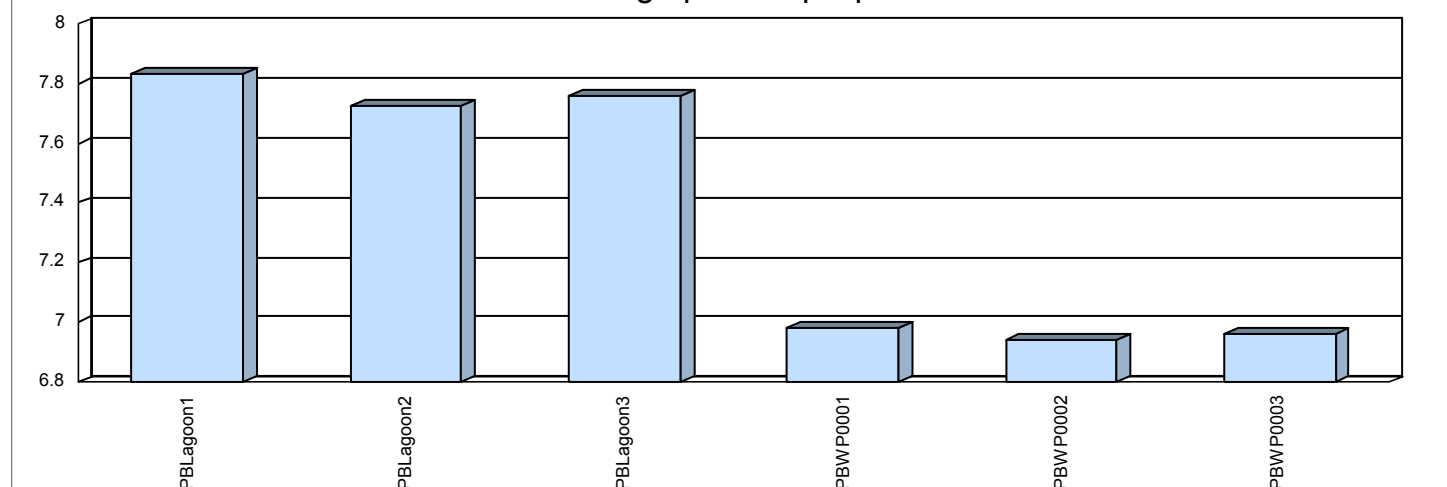
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	7.70	8.00	7.83	23.50	0.12	0.02	8.00
PBLagoon2	4	0	7.70	7.80	7.73	30.90	0.04	0.00	7.80
PBLagoon3	5	0	7.60	7.90	7.76	38.80	0.10	0.01	7.90
PBWP0001	5	0	6.80	7.10	6.98	34.90	0.12	0.01	7.10
PBWP0002	5	0	6.80	7.00	6.94	34.70	0.08	0.01	7.00
PBWP0003	5	0	6.80	7.10	6.96	34.80	0.10	0.01	7.10
Total	27	0	6.80	8.00	7.32	197.60	0.41	0.17	7.95

Data from: 1 Jan 2020 to: 31 Dec 2020

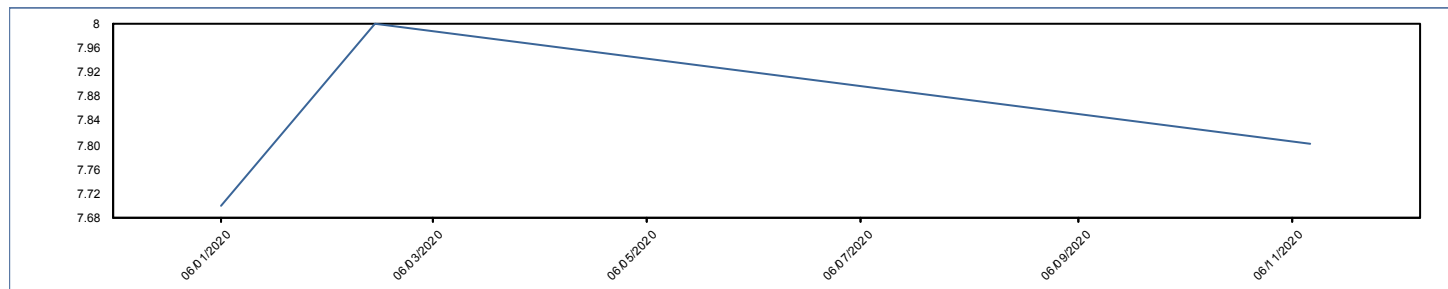
PBLagoon1

Number of readings

3

Number of breaches

0



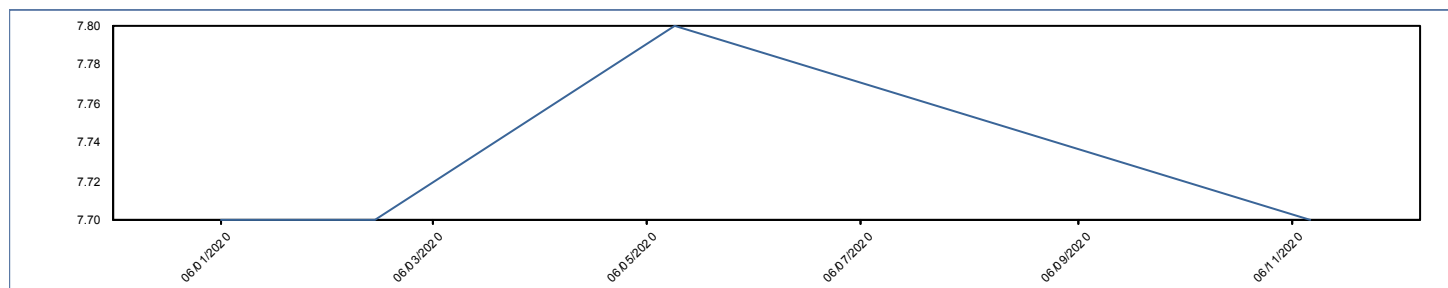
PBLagoon2

Number of readings

4

Number of breaches

0



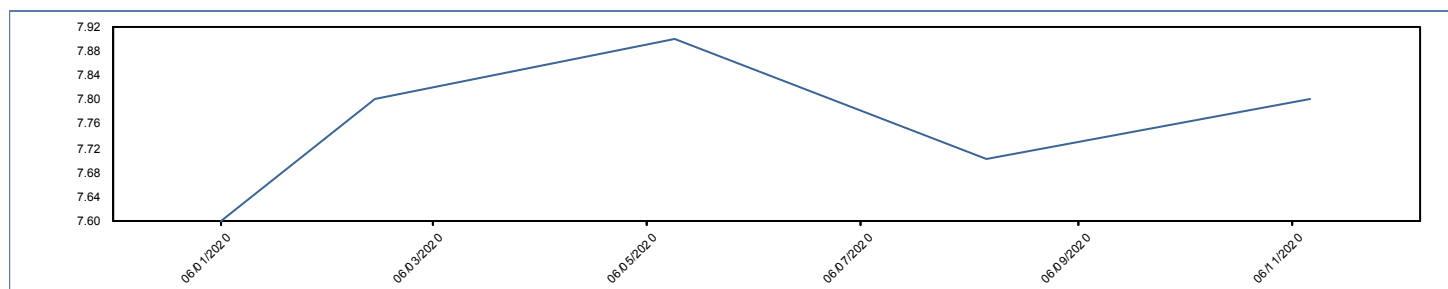
PBLagoon3

Number of readings

5

Number of breaches

0



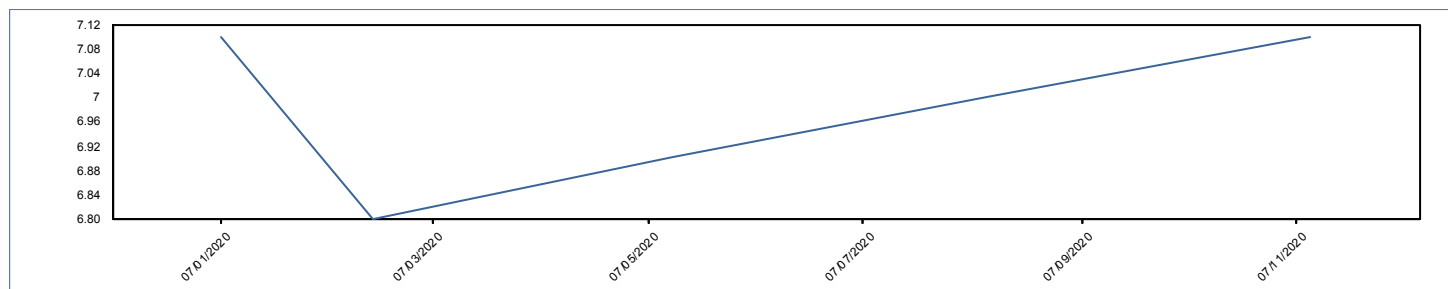
PBWP0001

Number of readings

5

Number of breaches

0



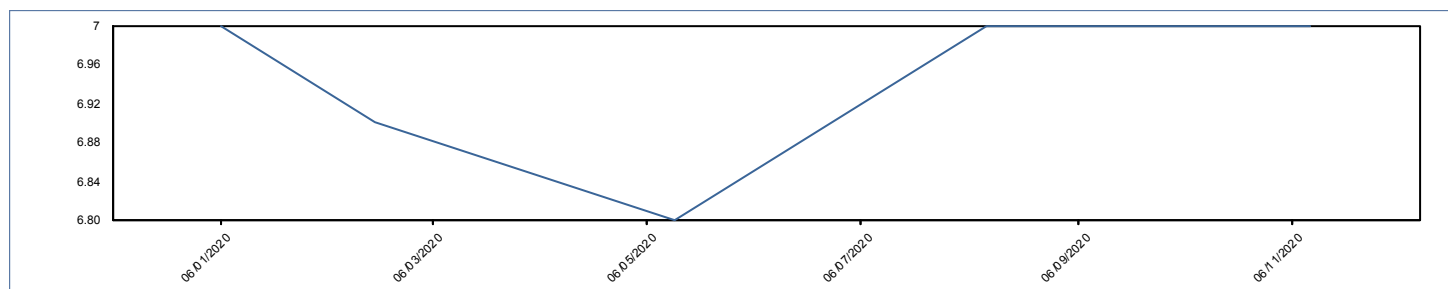
PBWP0002

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

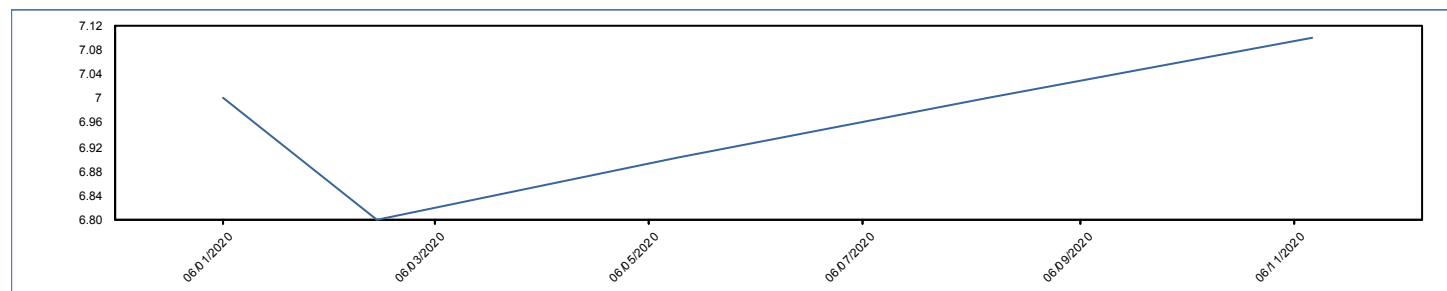
PBWP0003

Number of readings

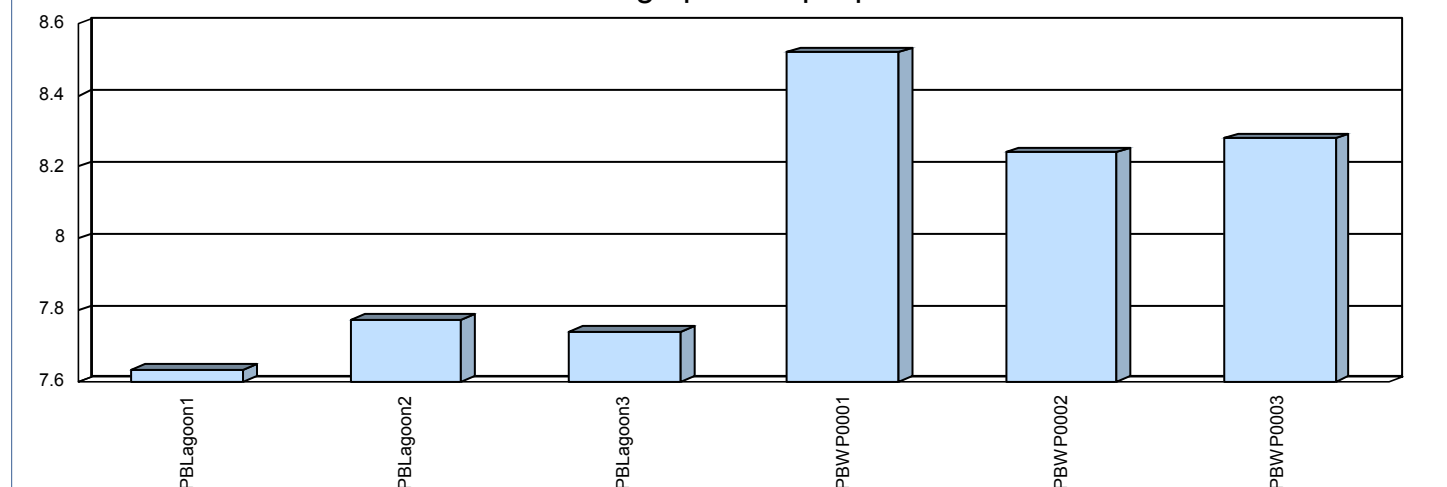
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	7.50	7.80	7.63	22.90	0.12	0.02	7.80
PBLagoon2	4	0	7.50	7.90	7.78	31.10	0.16	0.03	7.90
PBLagoon3	5	0	7.50	8.20	7.74	38.70	0.26	0.07	8.20
PBWP0001	5	0	8.00	8.90	8.52	42.60	0.31	0.09	8.90
PBWP0002	5	0	8.10	8.60	8.24	41.20	0.20	0.04	8.60
PBWP0003	5	0	7.90	8.60	8.28	41.40	0.23	0.05	8.60
Total	27	0	7.50	8.90	8.07	217.90	0.40	0.16	8.80

Data from: 1 Jan 2020 to: 31 Dec 2020

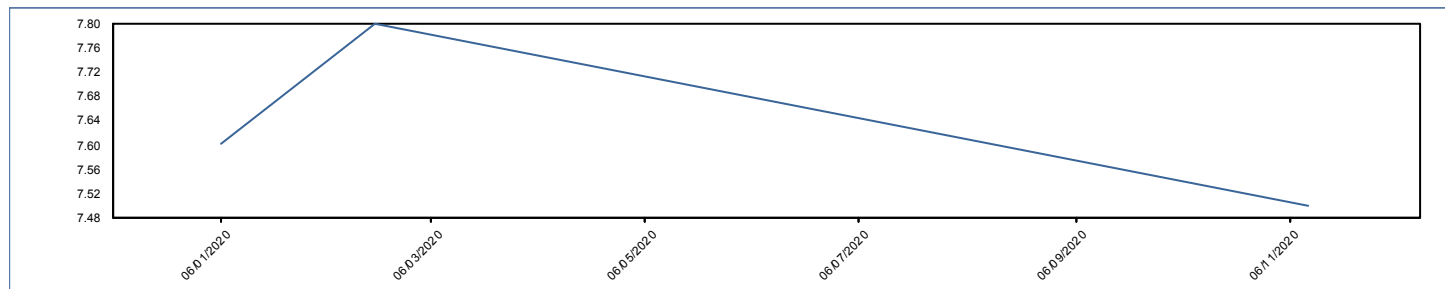
PBLagoon1

Number of readings

3

Number of breaches

0



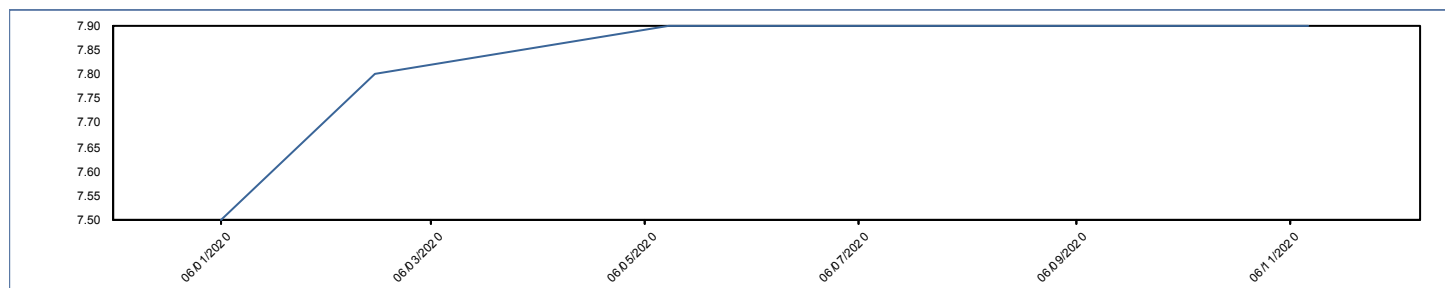
PBLagoon2

Number of readings

4

Number of breaches

0



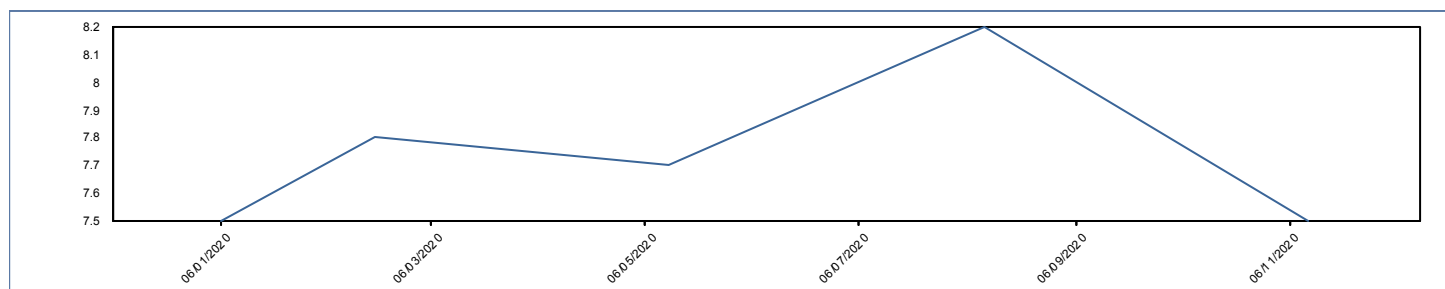
PBLagoon3

Number of readings

5

Number of breaches

0



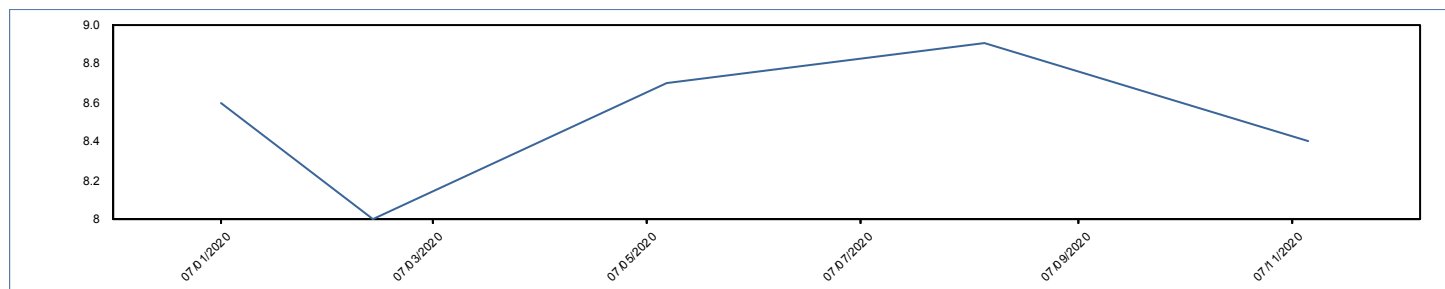
PBWP0001

Number of readings

5

Number of breaches

0



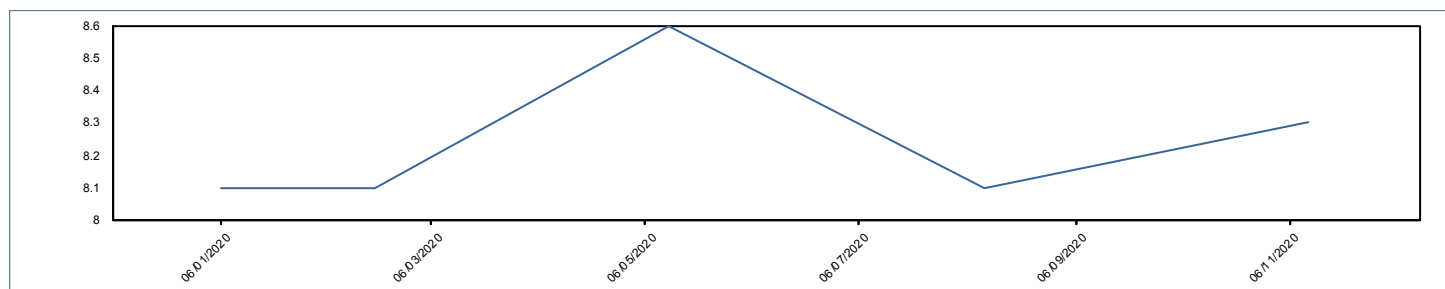
PBWP0002

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

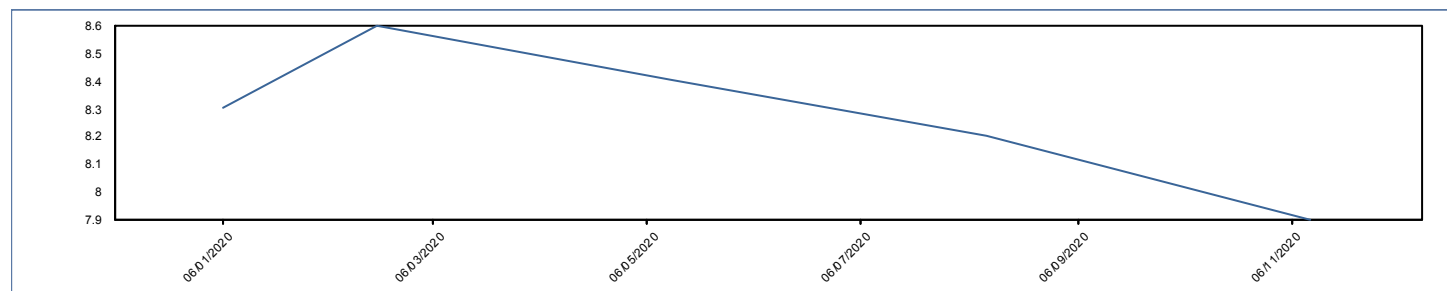
PBWP0003

Number of readings

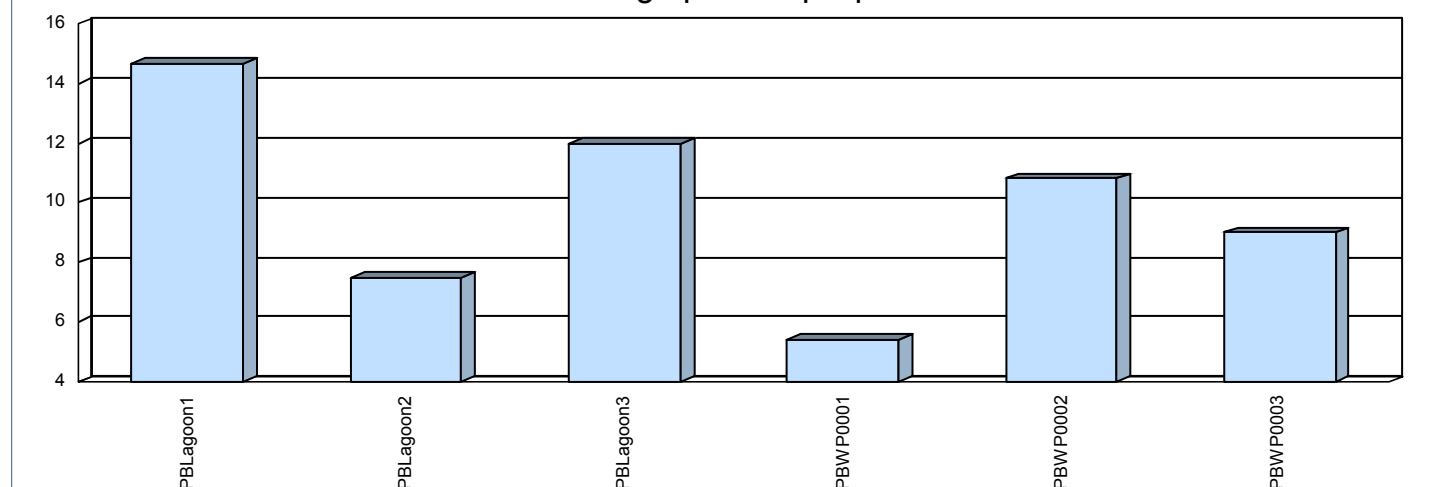
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	5.00	22.00	14.67	44.00	7.13	50.89	22.00
PBLagoon2	4	0	5.00	14.00	7.50	30.00	3.77	14.25	14.00
PBLagoon3	5	0	5.00	29.00	12.00	60.00	8.67	75.20	29.00
PBWP0001	5	0	5.00	6.00	5.40	27.00	0.49	0.24	6.00
PBWP0002	5	0	5.00	25.00	10.80	54.00	7.91	62.56	25.00
PBWP0003	5	0	5.00	18.00	9.00	45.00	5.25	27.60	18.00
Total	27	0	5.00	29.00	9.63	260.00	6.83	46.60	27.00

Data from: 1 Jan 2020 to: 31 Dec 2020

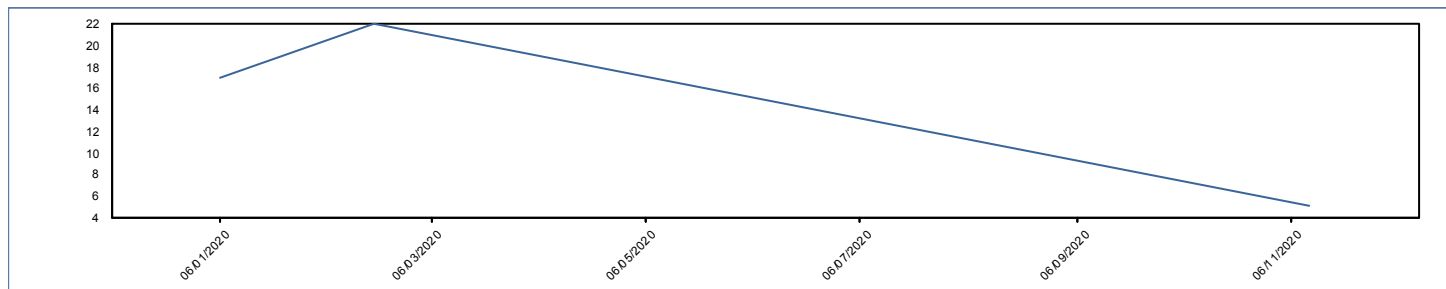
PBLagoon1

Number of readings

3

Number of breaches

0



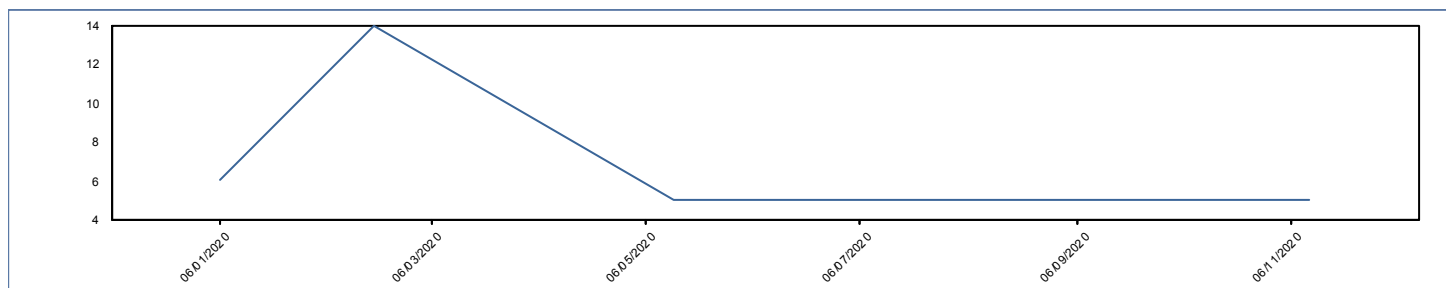
PBLagoon2

Number of readings

4

Number of breaches

0



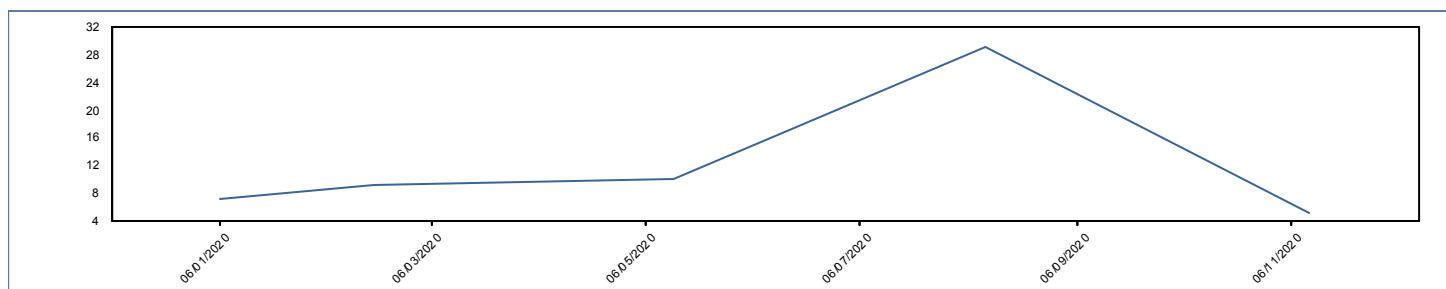
PBLagoon3

Number of readings

5

Number of breaches

0



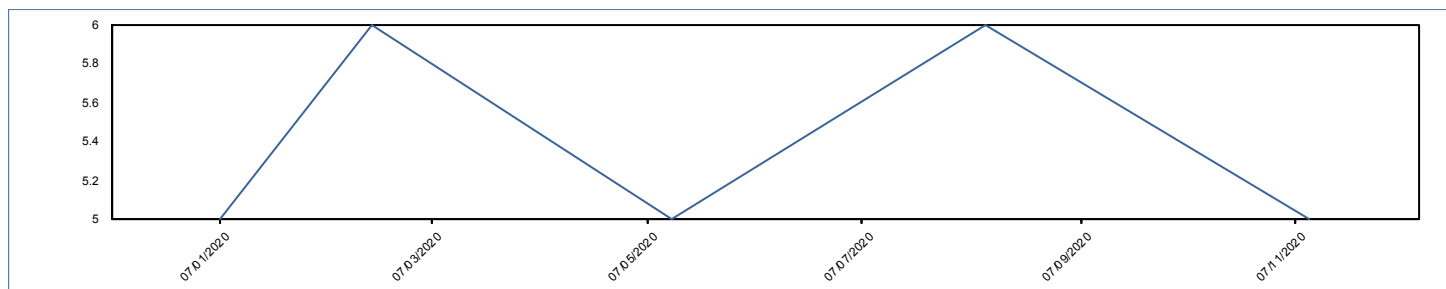
PBWP0001

Number of readings

5

Number of breaches

0



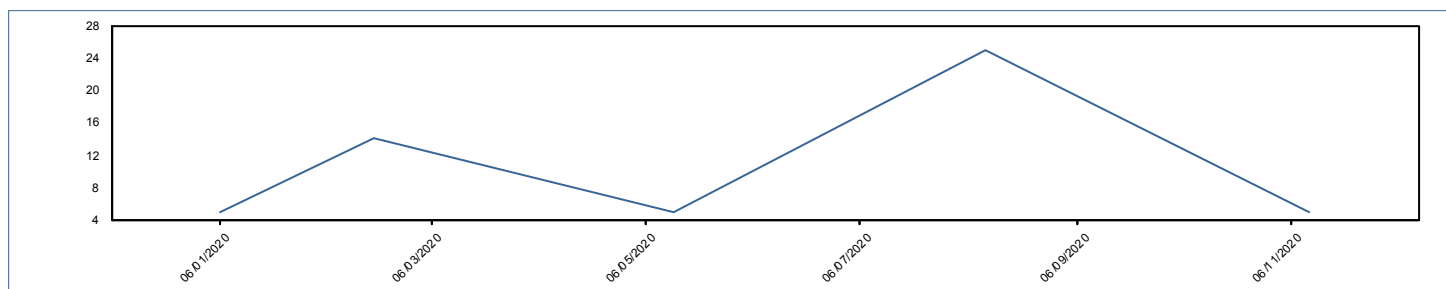
PBWP0002

Number of readings

5

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

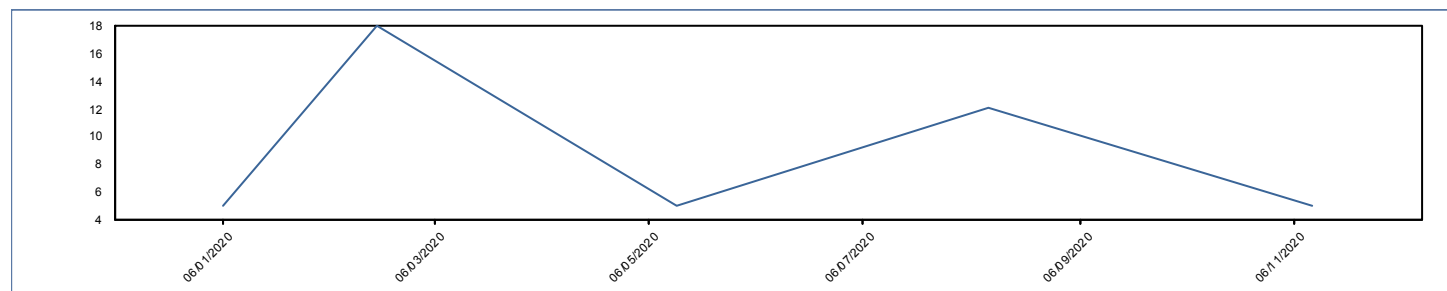
PBWP0003

Number of readings

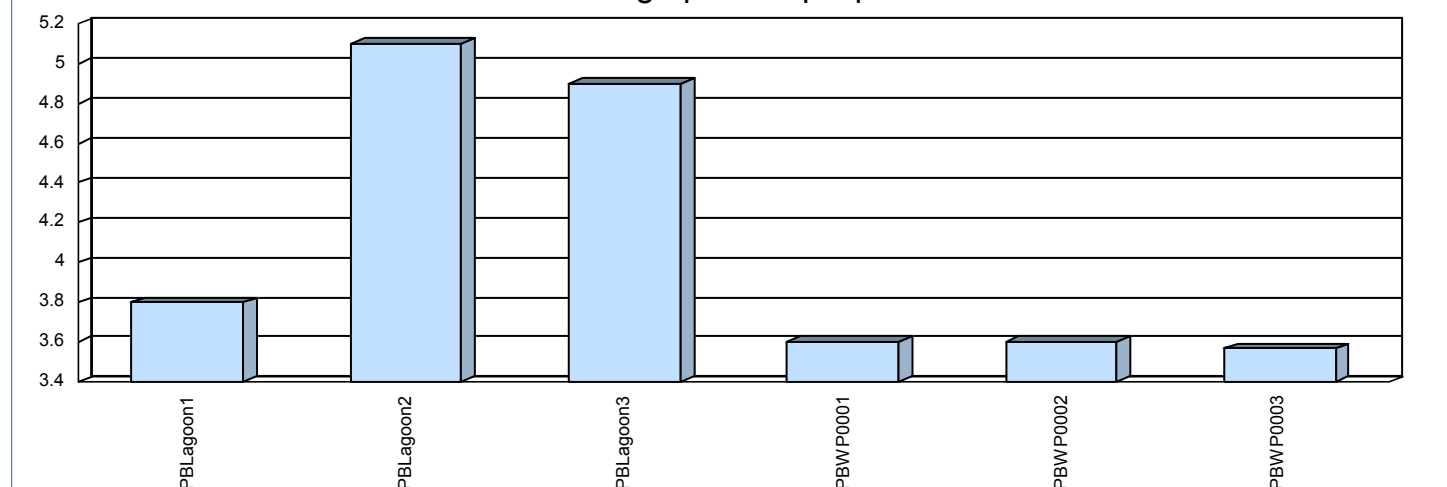
5

Number of breaches

0



Average per sample point

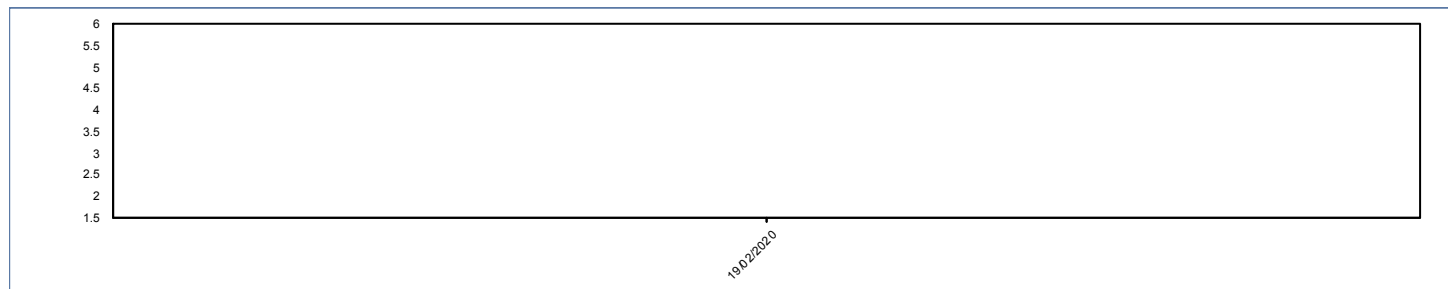


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	3.80	3.80	3.80	3.80	0.00	0.00	3.80
PBLagoon2	1	0	5.10	5.10	5.10	5.10	0.00	0.00	5.10
PBLagoon3	1	0	4.90	4.90	4.90	4.90	0.00	0.00	4.90
PBWP0001	3	0	2.90	4.50	3.60	10.80	0.67	0.45	4.50
PBWP0002	3	0	3.00	4.50	3.60	10.80	0.65	0.42	4.50
PBWP0003	3	0	3.00	4.30	3.57	10.70	0.54	0.30	4.30
Total	12	0	2.90	5.10	3.84	46.10	0.75	0.56	5.10

Data from: 1 Jan 2020 to: 31 Dec 2020

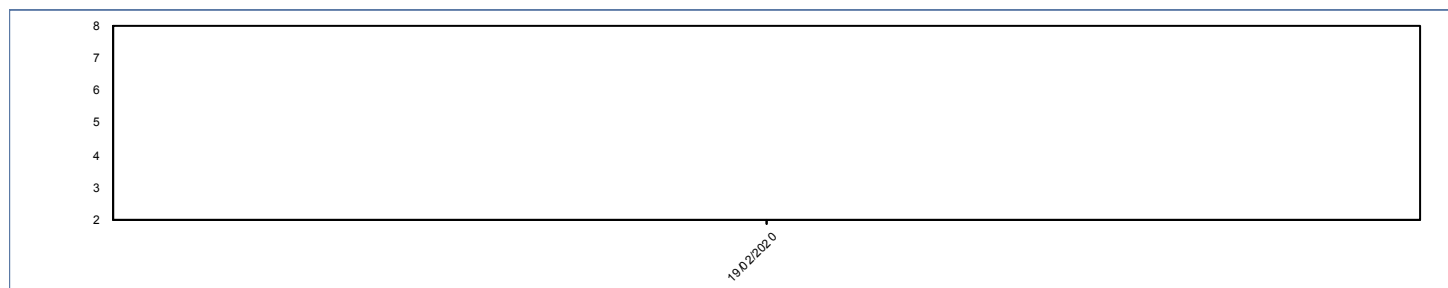
PBLagoon1

Number of readings 1 Number of breaches 0



PBLagoon2

Number of readings 1 Number of breaches 0



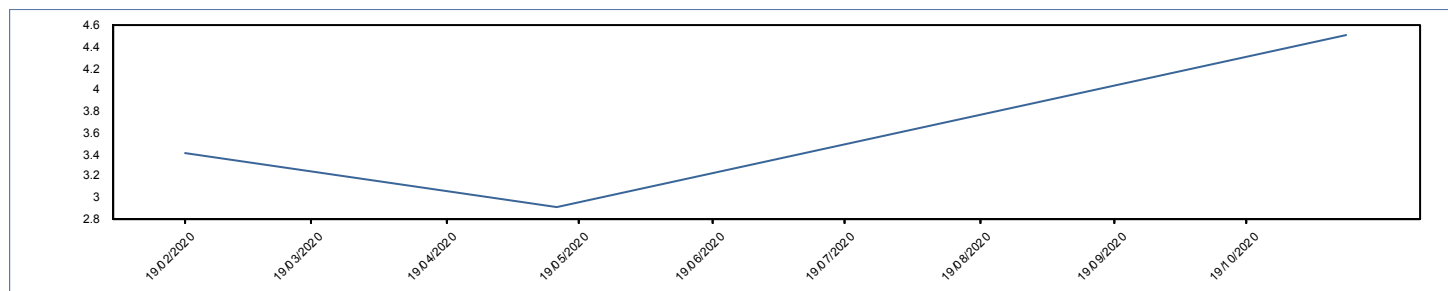
PBLagoon3

Number of readings 1 Number of breaches 0



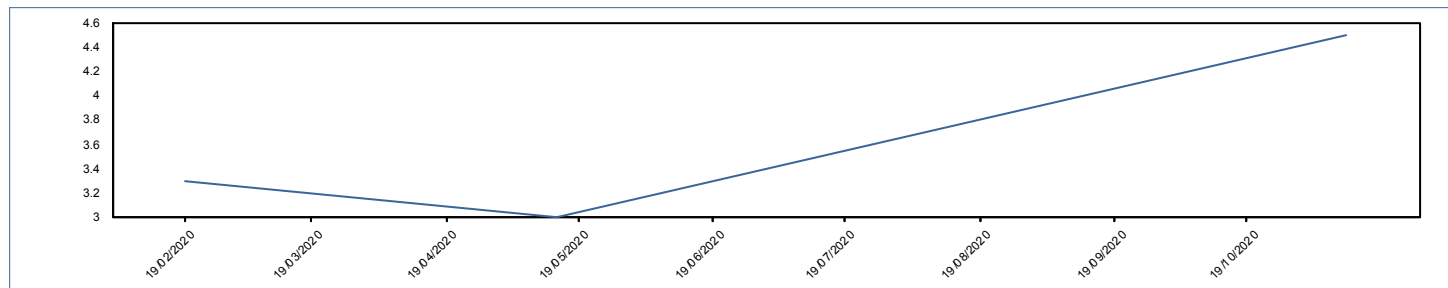
PBWP0001

Number of readings 3 Number of breaches 0



PBWP0002

Number of readings 3 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

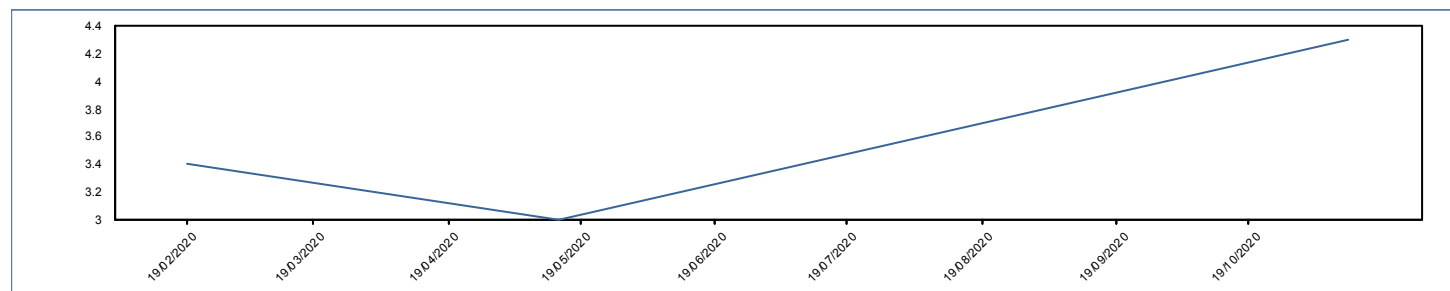
PBWP0003

Number of readings

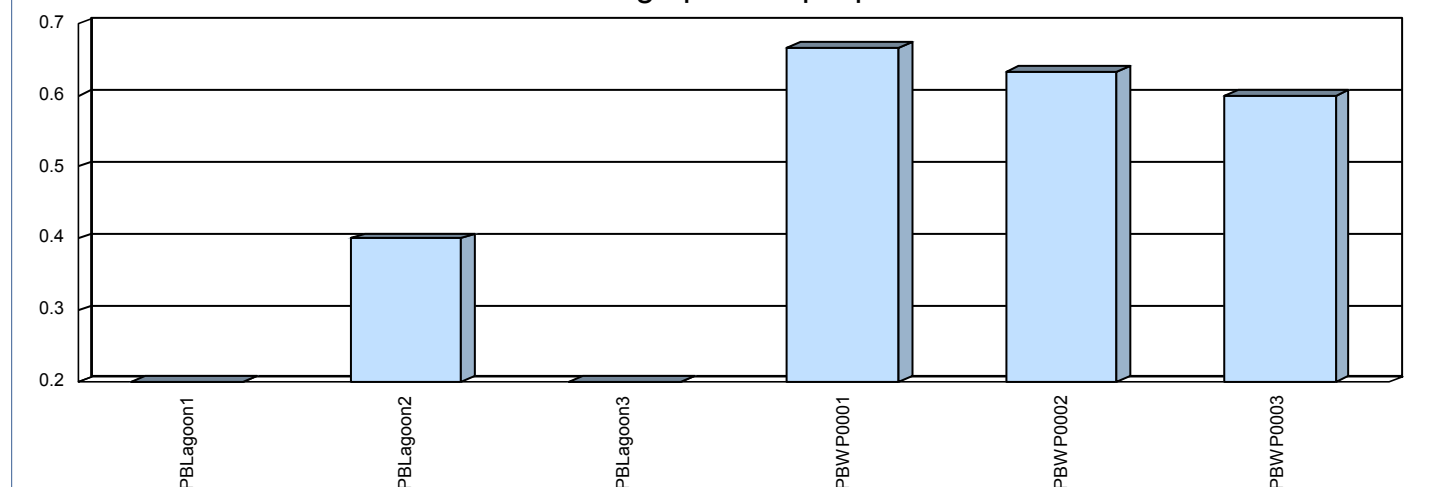
3

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.20	0.20	0.20	0.20	0.00	0.00	0.20
PBLagoon2	1	0	0.40	0.40	0.40	0.40	0.00	0.00	0.40
PBLagoon3	1	0	0.20	0.20	0.20	0.20	0.00	0.00	0.20
PBWP0001	3	0	0.40	1.00	0.67	2.00	0.25	0.06	1.00
PBWP0002	3	0	0.30	1.00	0.63	1.90	0.29	0.08	1.00
PBWP0003	3	0	0.30	0.90	0.60	1.80	0.24	0.06	0.90
Total	12	0	0.20	1.00	0.54	6.50	0.28	0.08	1.00

Data from: 1 Jan 2020 to: 31 Dec 2020

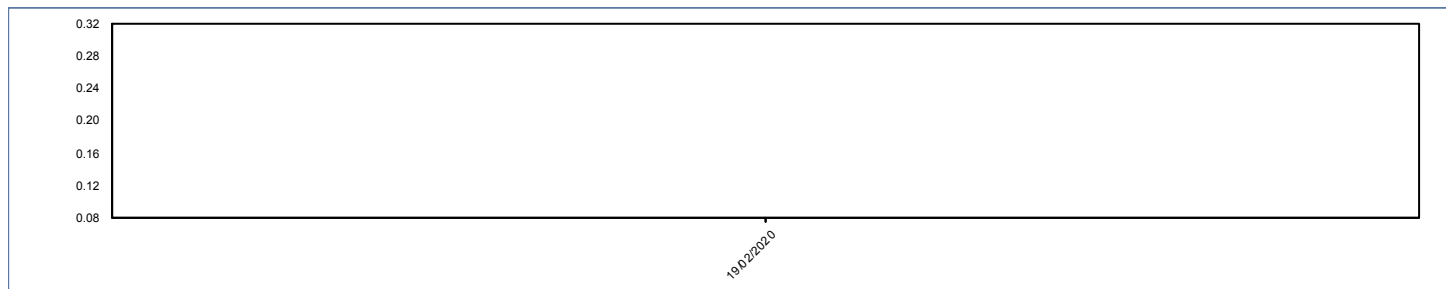
PBLagoon1

Number of readings

1

Number of breaches

0



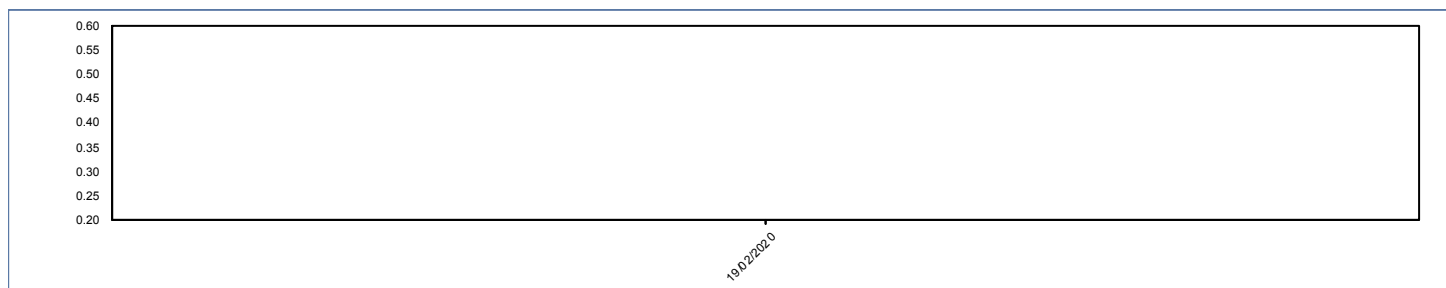
PBLagoon2

Number of readings

1

Number of breaches

0



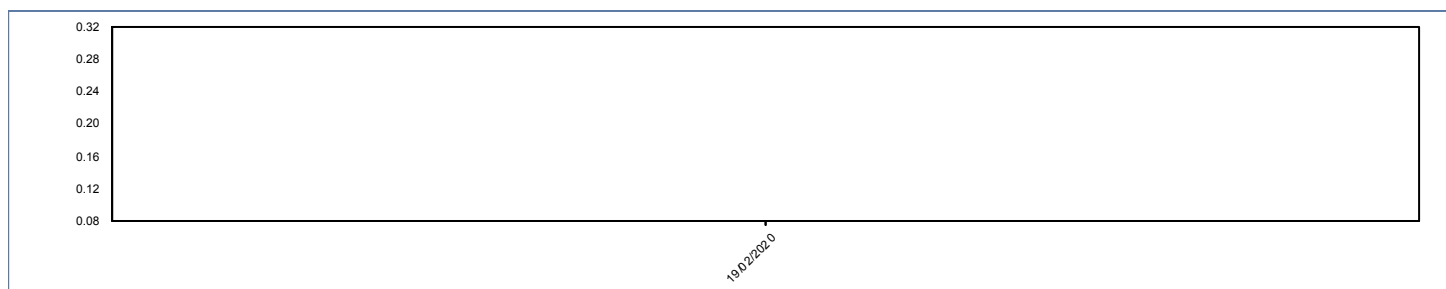
PBLagoon3

Number of readings

1

Number of breaches

0



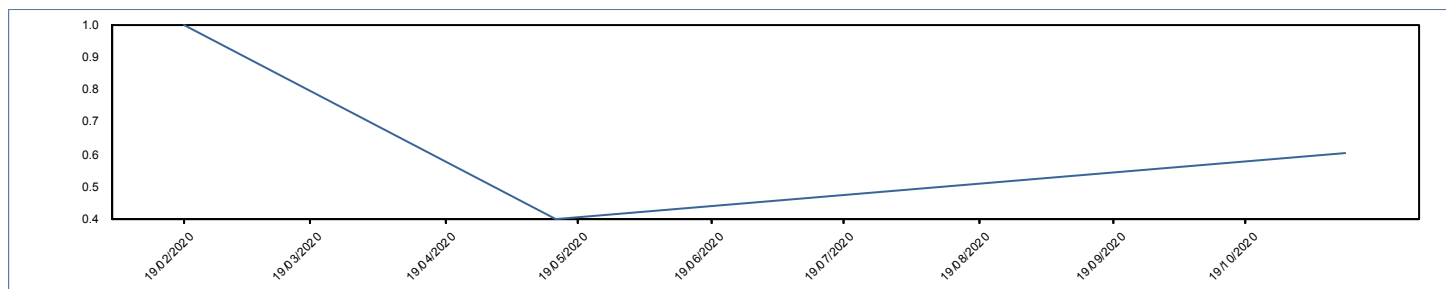
PBWP0001

Number of readings

3

Number of breaches

0



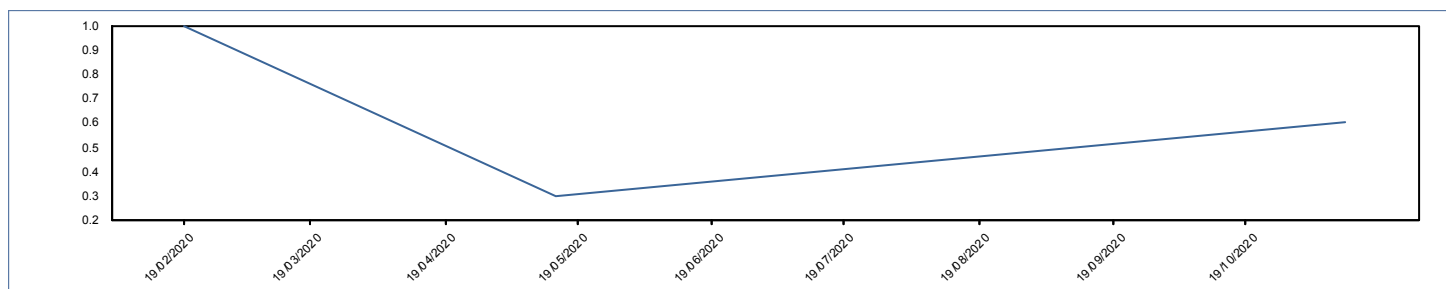
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

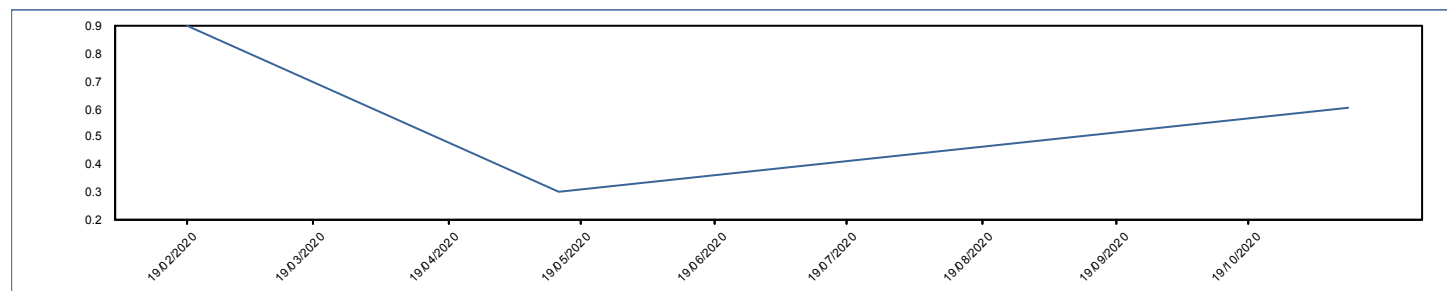
PBWP0003

Number of readings

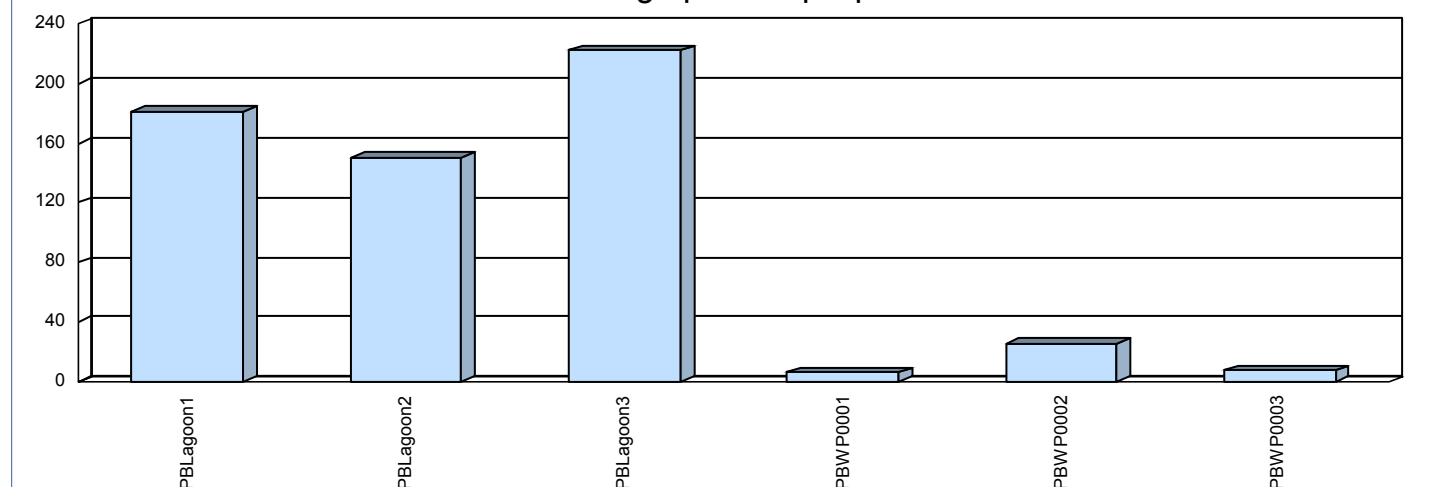
3

Number of breaches

0



Average per sample point

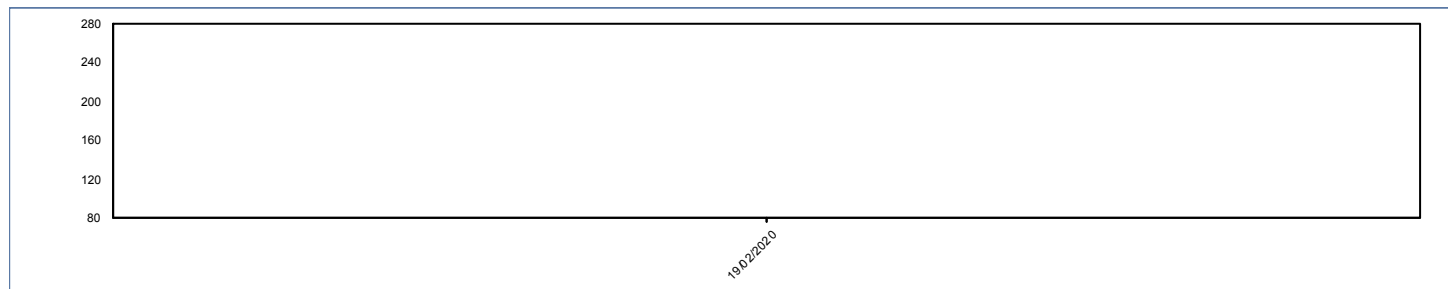


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	181.00	181.00	181.00	181.00	0.00	0.00	181.00
PBLagoon2	1	0	150.00	150.00	150.00	150.00	0.00	0.00	150.00
PBLagoon3	1	0	222.00	222.00	222.00	222.00	0.00	0.00	222.00
PBWP0001	3	0	6.00	7.00	6.33	19.00	0.47	0.22	7.00
PBWP0002	3	0	7.00	60.00	25.67	77.00	24.31	590.89	60.00
PBWP0003	3	0	7.00	8.00	7.67	23.00	0.47	0.22	8.00
Total	12	0	6.00	222.00	56.00	672.00	76.90	5,913.33	222.00

Data from: 1 Jan 2020 to: 31 Dec 2020

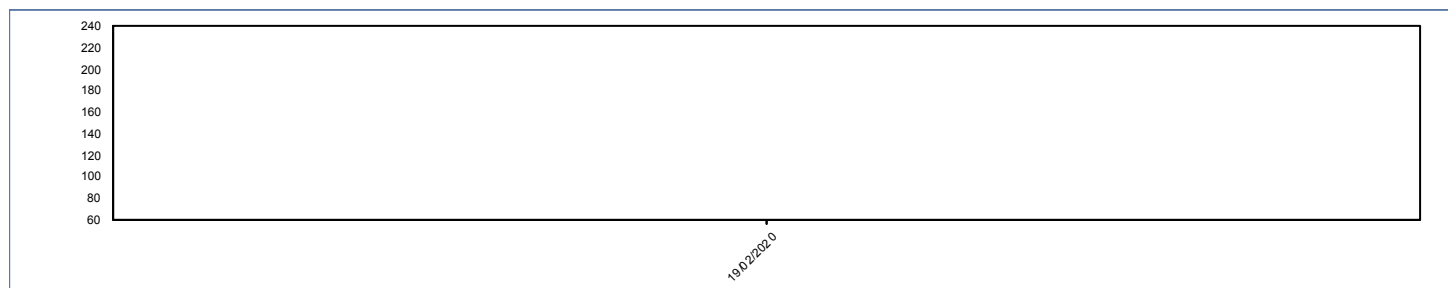
PBLagoon1

Number of readings 1 Number of breaches 0



PBLagoon2

Number of readings 1 Number of breaches 0



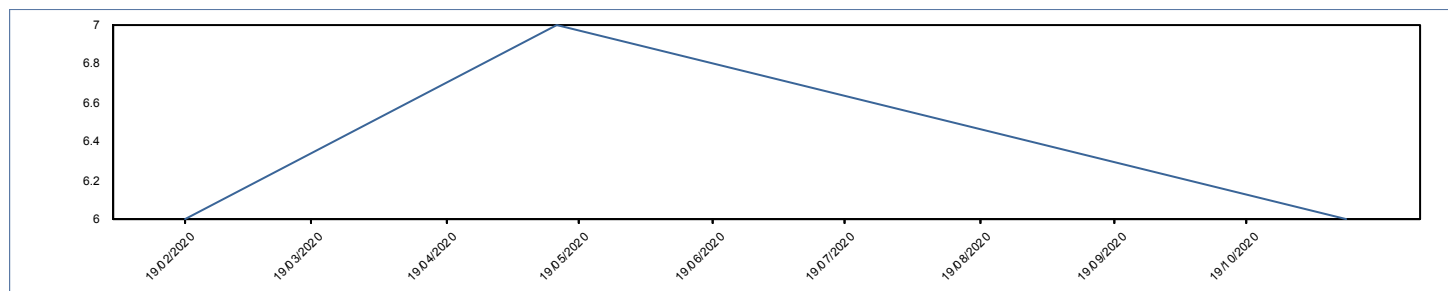
PBLagoon3

Number of readings 1 Number of breaches 0



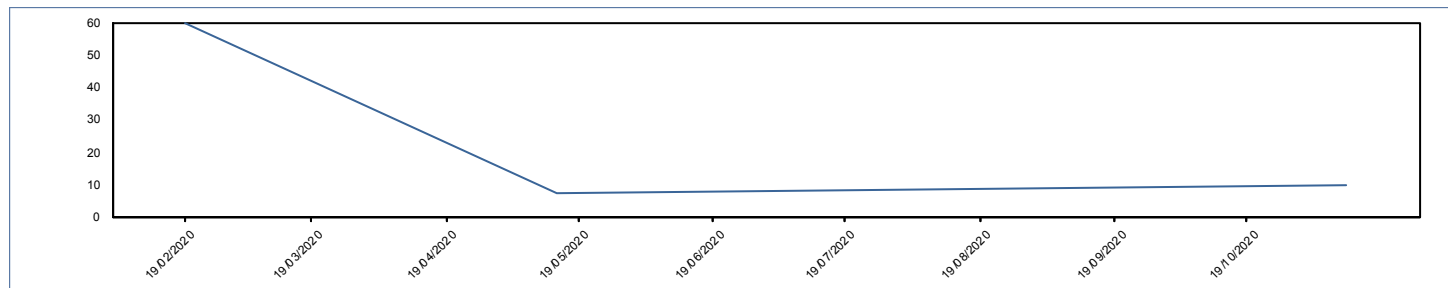
PBWP0001

Number of readings 3 Number of breaches 0



PBWP0002

Number of readings 3 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

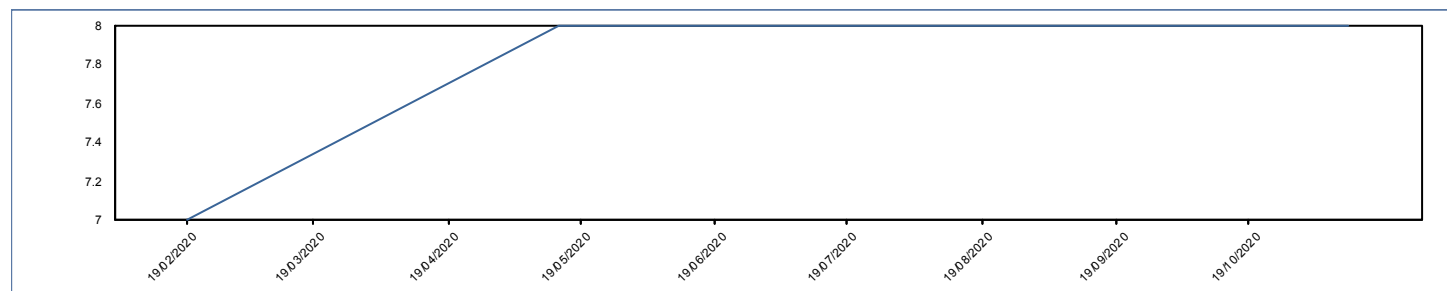
PBWP0003

Number of readings

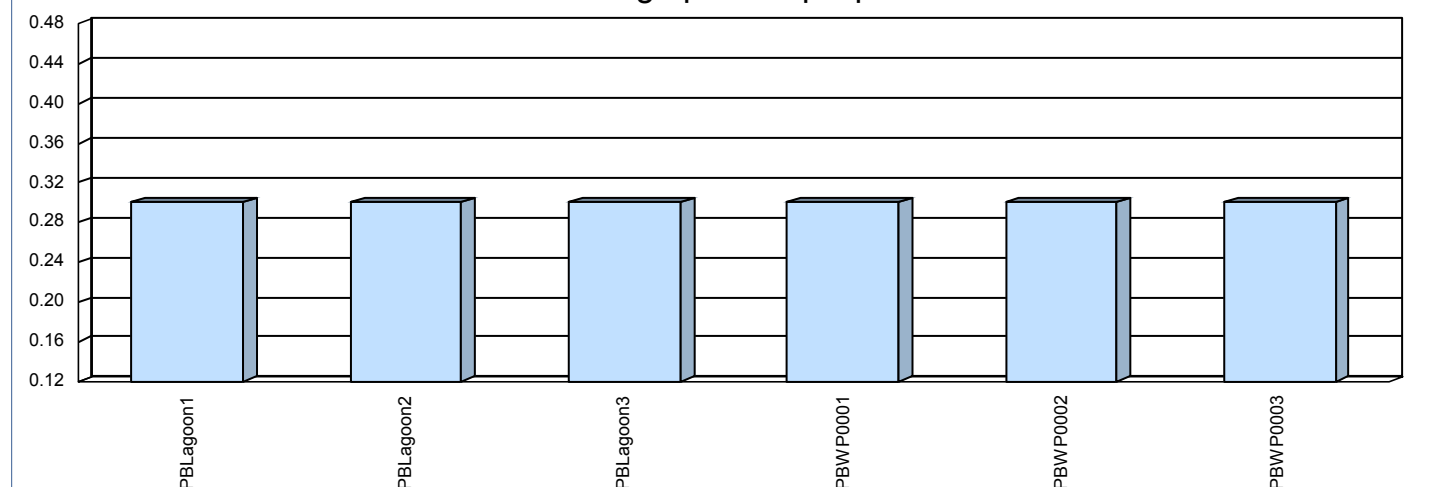
3

Number of breaches

0



Average per sample point

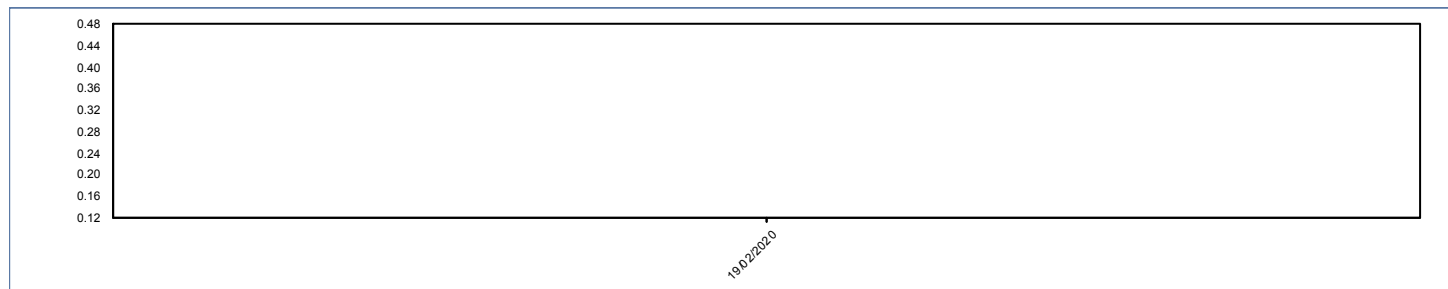


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.30	0.30	0.30	0.30	0.00	0.00	0.30
PBLagoon2	1	0	0.30	0.30	0.30	0.30	0.00	0.00	0.30
PBLagoon3	1	0	0.30	0.30	0.30	0.30	0.00	0.00	0.30
PBWP0001	1	0	0.30	0.30	0.30	0.30	0.00	0.00	0.30
PBWP0002	1	0	0.30	0.30	0.30	0.30	0.00	0.00	0.30
PBWP0003	1	0	0.30	0.30	0.30	0.30	0.00	0.00	0.30
Total	6	0	0.30	0.30	0.30	1.80	0.00	0.00	0.30

Data from: 1 Jan 2020 to: 31 Dec 2020

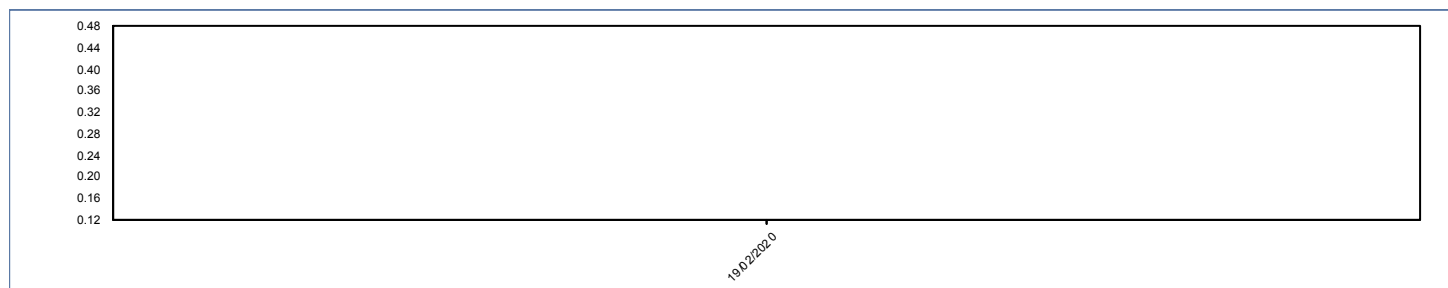
PBLagoon1

Number of readings 1 Number of breaches 0



PBLagoon2

Number of readings 1 Number of breaches 0



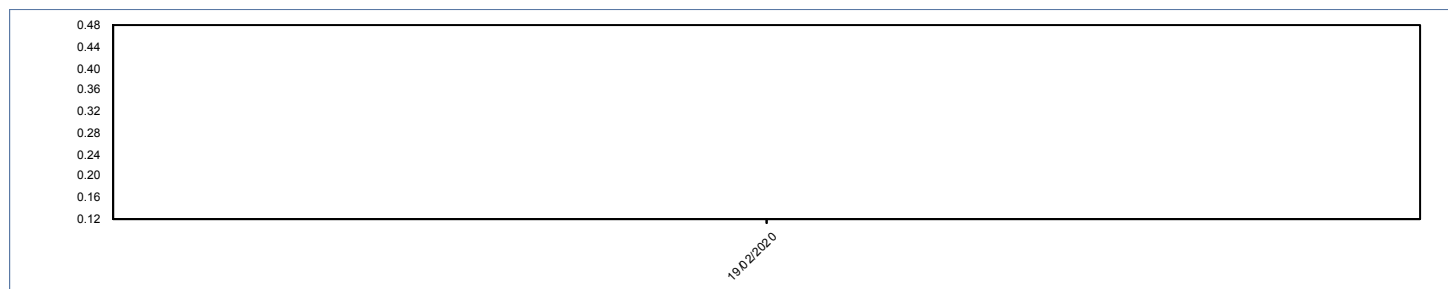
PBLagoon3

Number of readings 1 Number of breaches 0



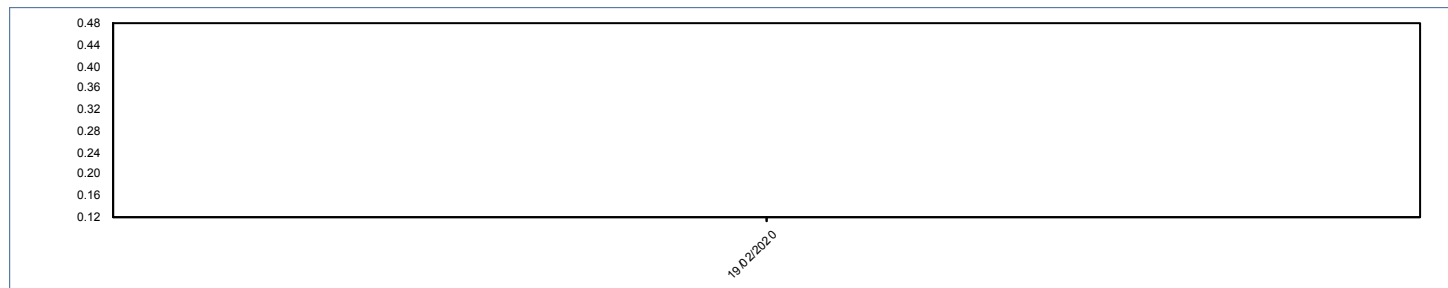
PBWP0001

Number of readings 1 Number of breaches 0



PBWP0002

Number of readings 1 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

PBWP0003

Number of readings

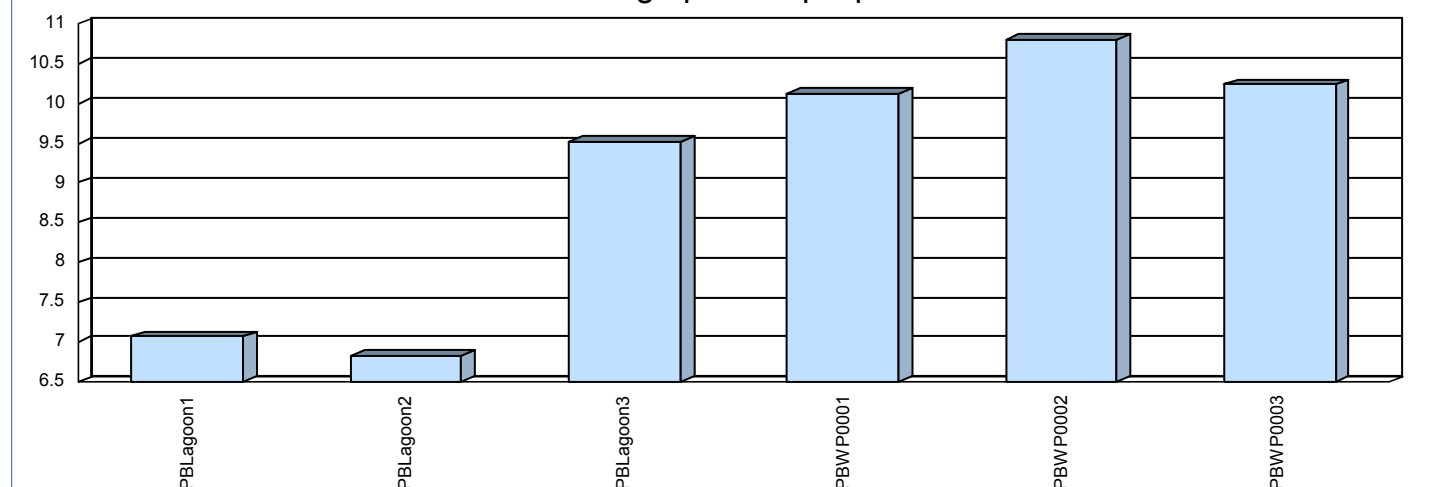
1

Number of breaches

0



Average per sample point

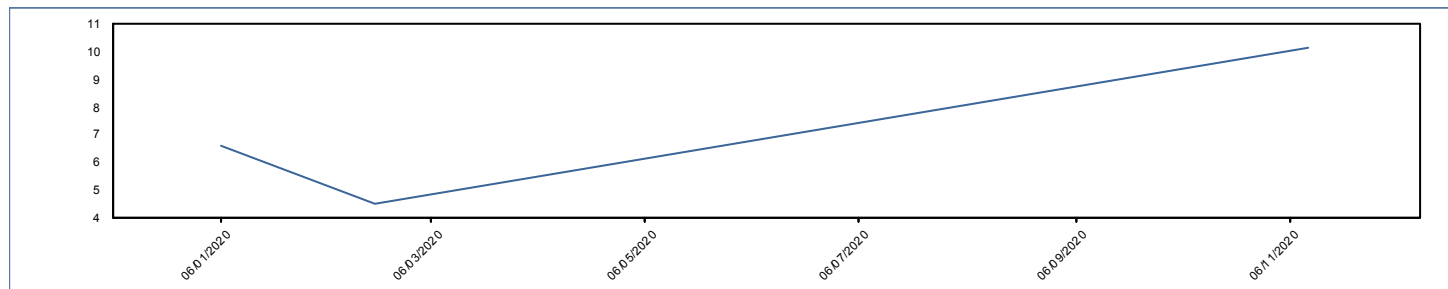


	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	3	0	4.50	10.10	7.07	21.20	2.31	5.34	10.10
PBLagoon2	4	0	3.60	8.80	6.83	27.30	2.13	4.55	8.80
PBLagoon3	5	0	4.90	15.20	9.52	47.60	3.72	13.84	15.20
PBWP0001	5	0	5.60	18.60	10.12	50.60	4.61	21.29	18.60
PBWP0002	5	0	6.60	19.30	10.80	54.00	4.50	20.27	19.30
PBWP0003	5	0	5.40	19.20	10.24	51.20	4.82	23.23	19.20
Total	27	0	3.60	19.30	9.33	251.90	4.24	18.00	19.25

Data from: 1 Jan 2020 to: 31 Dec 2020

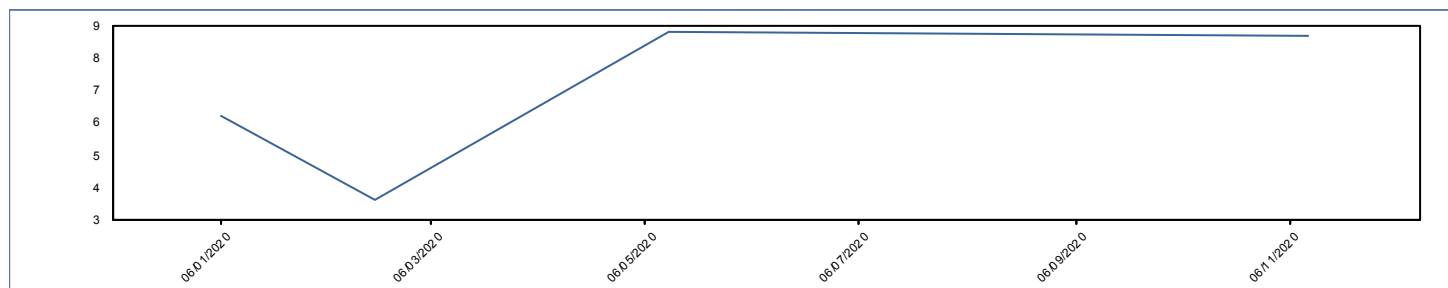
PBLagoon1

Number of readings 3 Number of breaches 0



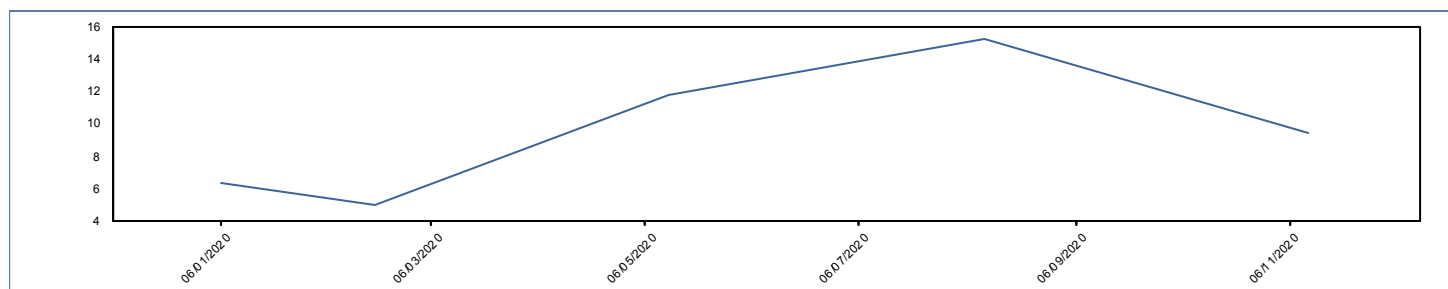
PBLagoon2

Number of readings 4 Number of breaches 0



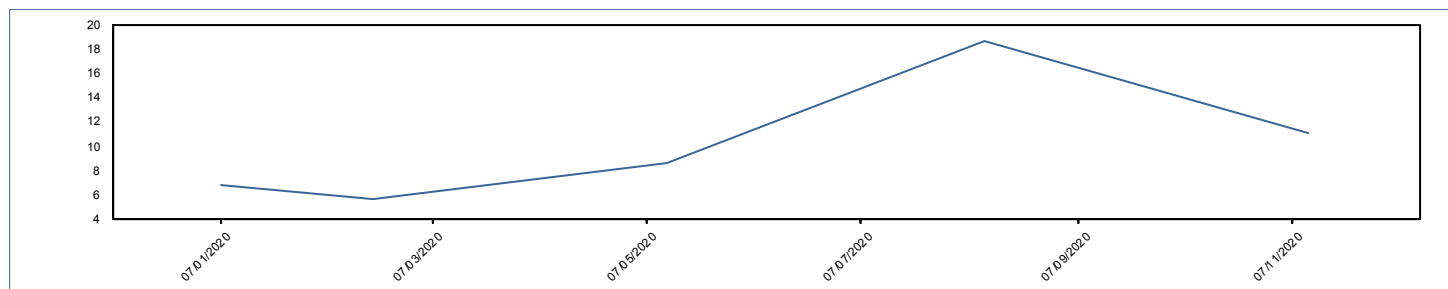
PBLagoon3

Number of readings 5 Number of breaches 0



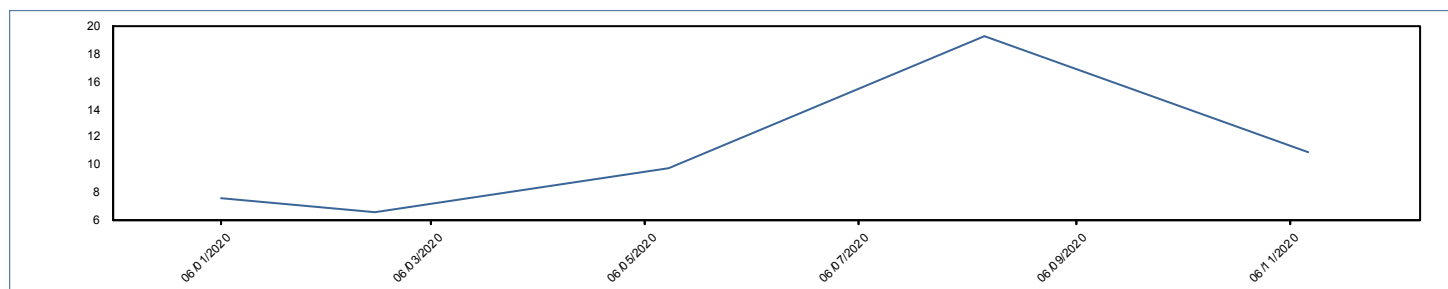
PBWP0001

Number of readings 5 Number of breaches 0



PBWP0002

Number of readings 5 Number of breaches 0



Data from: 1 Jan 2020 to: 31 Dec 2020

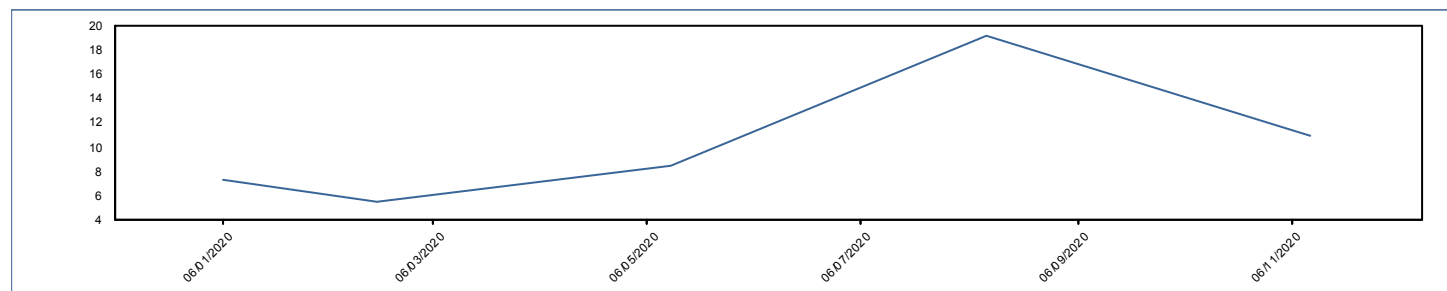
PBWP0003

Number of readings

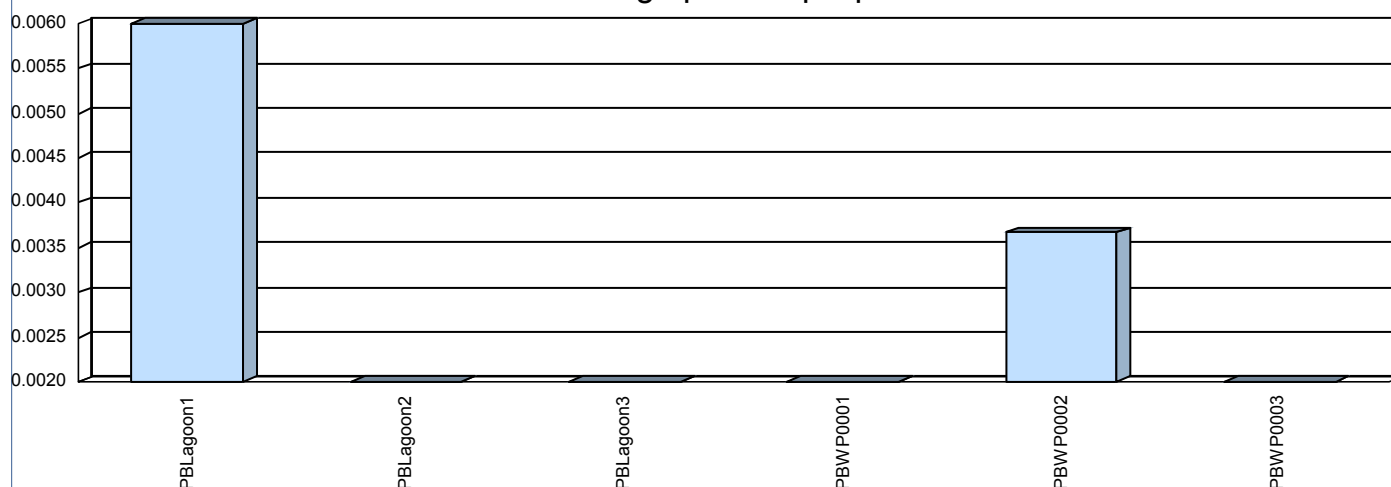
5

Number of breaches

0



Average per sample point



	Summaries								
	Count	Breach	Min	Max	Ave	Sum	StDev	Var	95 %ile
PBLagoon1	1	0	0.01	0.01	0.01	0.01	0.00	0.00	0.01
PBLagoon2	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBLagoon3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PBWP0001	3	0	0.00	0.00	0.00	0.01	0.00	0.00	0.00
PBWP0002	3	0	0.00	0.01	0.00	0.01	0.00	0.00	0.01
PBWP0003	3	0	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Total	12	0	0.00	0.01	0.00	0.03	0.00	0.00	0.01

Data from: 1 Jan 2020 to: 31 Dec 2020

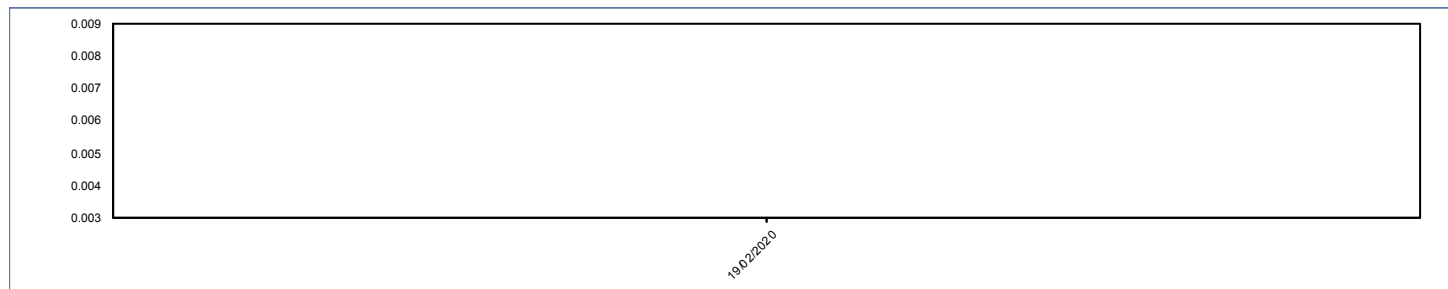
PBLagoon1

Number of readings

1

Number of breaches

0



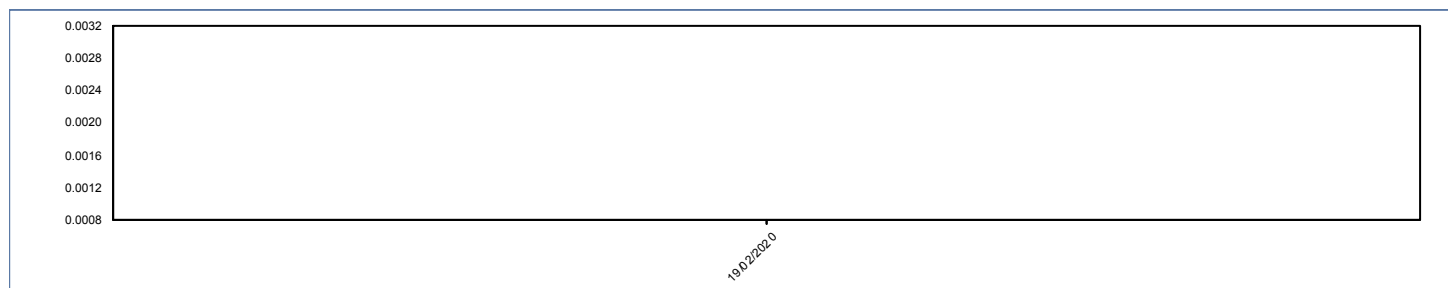
PBLagoon2

Number of readings

1

Number of breaches

0



PBLagoon3

Number of readings

1

Number of breaches

0



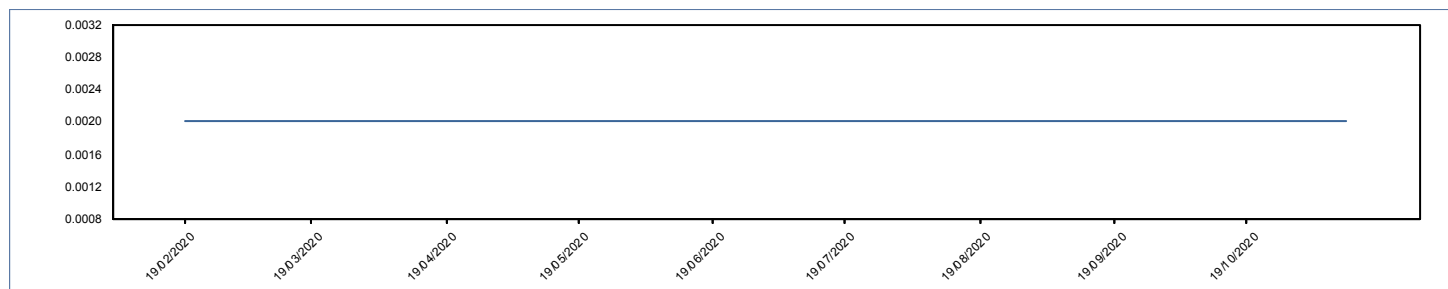
PBWP0001

Number of readings

3

Number of breaches

0



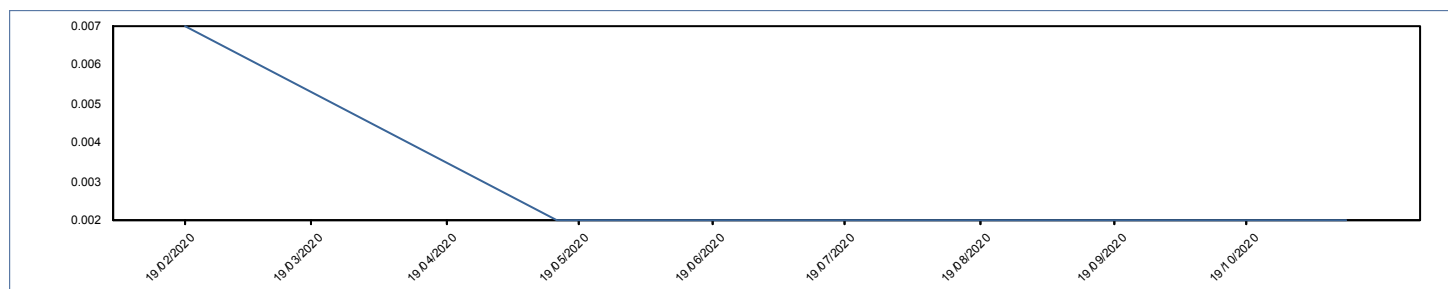
PBWP0002

Number of readings

3

Number of breaches

0



Data from: 1 Jan 2020 to: 31 Dec 2020

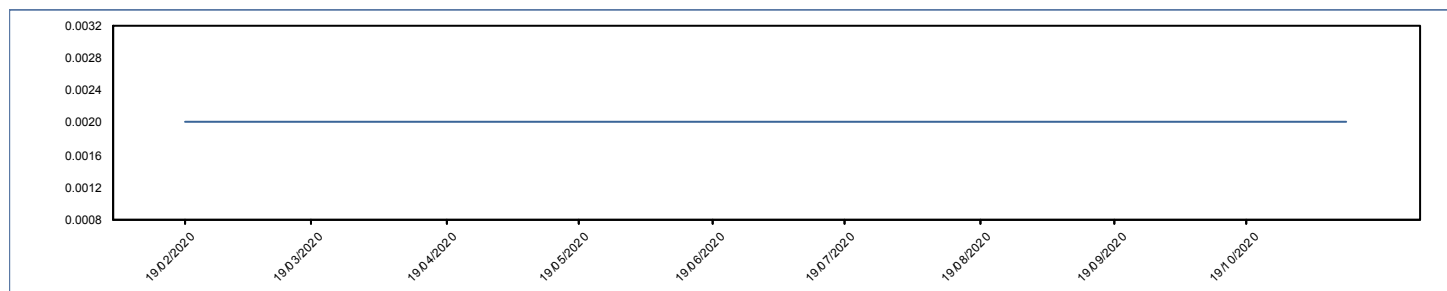
PBWP0003

Number of readings

3

Number of breaches

0



APPENDIX 6

FID & FLUX DATA

Annual FID Survey Report

Pen-Y-Bont (Chirk) Landfill Site

June 2020

Approval Sheet

Customer: FCC Environment

Site: Pen-Y-Bont (Chirk) Landfill Site

Project title: Annual FID Survey

Project Manager: G White

Project Staff: P Pearce, C Keightley

Address: enital
Enterprise Drive
Four Ashes
Wolverhampton
WV10 7DE

Tel: 01902 798798

Fax: 01902 798711

Issue	Status	Date	Prepared By	Signature	Date
1	Final	23/07/2020	C Keightley	C Keightley	22/07/2020
			Approved By	Signature	Date
			G White	G White	22/07/2020

Foreword

enital has used its best endeavours, experience and expertise to provide a meaningful, accurate and relevant representation of the works carried out. The works were based on a defined programme and scope of works and terms and conditions agreed with the Client.

The findings discussed in this document relating to information provided by the Client relate only to those to which we have had access. No attempt has been made to validate any data or information provided. It is acknowledged that certain aspects may be superseded or rendered irrelevant by information in documentation to which we have not accessed.

enital cannot accept responsibility to any parties whatsoever, following the issue of this report, for any matters arising which may be considered outside the agreed scope of works.

This report is issued solely to the Client. enital does not accept any responsibility to any third parties to whom this report may be circulated, in part or in full, and any such parties rely on the contents at their own risk.

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2. Survey Summary	
2.1 Annual FID Survey	6
3. Results Summary	
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4. Field Log	
4.1 Weather Conditions and Meteorological Data	8
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Appendix

- A. Annual FID Survey Results
- B. Annual FID Survey Plans

1.0 Introduction

1.1 Brief

enital were commissioned by FCC Environment (FCC) to undertake a Surface Emissions Phase 1 (Annual FID Walkover) Survey at their Pen-Y-Bont (Chirk) Landfill Site in June 2020. Pen-Y-Bont (Chirk) Landfill Site is situated at the Pen-Y-Bont Works, near the town of Chirk, in Wrexham at NGR SJ292417. The site is no longer accepting waste inputs and the site has been permanently capped and restored.

1.2 Desk Study

A desktop study was undertaken prior to the Annual FID Survey by collecting information supplied by FCC in the form of drawings of capping areas and up to date topography. Two zones were identified as requiring Annual FID Surveying: Zone 1 comprising of permanent welded geomembrane capping and Zone 2 consisting of an area outside the landfill. The external perimeter of site was also monitored.

2.0 Survey Summary

2.1 Annual FID Survey

The Annual FID Survey was undertaken on 22 June 2020 and included the capped and restored areas of the landfill site as indicated on the plan contained in Appendix B. A Gas-Tec Flame Ionisation Detector device was used to undertake the survey which measures hydrocarbons in parts per million by volume (ppm) on a scale of 0 to 10,000.

The capped areas of the landfill site were surveyed on lines at 50m intervals for permanent capping as detailed in the Environment Agency Guidance on Monitoring Landfill Gas Surface Emissions LFTGN 07 (EA Guidance) and at a distance of not exceeding 5cm from the surface where possible. In addition, all known infrastructure was surveyed which included all gas extraction and leachate wells and associated installations. Any distinctive features were also surveyed which generally include surface fissures, stressed vegetation, interfaces between caps, edges and side-slopes.

It was noted during the on site survey that access to parts of the transects and cap edge was obstructed by overgrown vegetation.

3.0 Results Summary

3.1 Annual FID Survey Results

A full set of Annual FID Survey results are presented in Appendix A along with plans showing the location of all survey transects and infrastructure in Appendix B.

The table below summarises infrastructure and features where a significant elevated hydrocarbon reading was recorded (100ppm for a surface emission and 1,000ppm for emissions from infrastructure) along with details of the point of emission.

Zone	Reference	Concentration in ppm	Comments
Z1	L04AR	5,000	Base of well
Z1	LC01B	>10,000	Middle flange joint
Z1	LC06	>10,000	Several places around cap/lid
Z1	LC07	>10,000	Cap/lid
Z1	LCO3	>10,000	Cap/lid
Z1	LM06B	8,000	Top flange gasket
Z1	LM7B	1,000	Screw on pipe fitting with camlock
Z1	W0030	2,000	Top of well

4.0 Field Log

4.1 Weather Conditions and Meteorological Data

Meteorological data was recorded from on site observations and local weather station data. The table below details conditions and observations made during the survey.

Date / Time Period	Weather Conditions	Ground Conditions	Temperature (°C)	Atmospheric Pressure (mbar)	Wind Direction / Speed (mph)
22/06/2020 08:00	Cloudy	Dry	11	1021	S / 8
22/06/2020 15:00	Overcast	Dry	20	1020	SSW / 15

4.2 Site Personnel and Equipment

The table below details the personnel on site during the survey and the equipment type used including serial number and calibration expiry details.

Date	Personnel	Instrument Type	Instrument Serial Number	Calibration Due
22/06/2020	P Pearce	Gas-Tec FID	70050 3636	22/11/2020

Appendix A

Annual FID Survey Results

Pen-Y-Bont (Chirk) Landfill Site
Surface Emissions Survey - June 2020
FID Survey - Transects

Zone	Transect Ref	Date	Location			Concentration in ppm	Comments
			Start - End	Easting	Northing		
Z1	Transect 1	22/06/2020	North	329050	341876	0	Unable to monitor parts of southern transect due to overgrown vegetation
			South	329050	341678		
Z1	Transect 2	22/06/2020	North	329100	341884	0	Northern end of transect obstructed due to overgrown vegetation
			South	329100	341638		
Z1	Transect 3	22/06/2020	North	329150	341887	0	
			South	329150	341581		
Z1	Transect 4	22/06/2020	North	329200	341868	0	
			South	329200	341578		
Z1	Transect 5	22/06/2020	North	329250	341860	0	
			South	329250	341622		
Z1	Transect 6	22/06/2020	North	329300	341845	0	
			South	329300	341640		
Z1	Transect 7	22/06/2020	North	329350	341824	0	
			South	329350	341699		
Z1	Cap Edge	22/06/2020	North	See Plan		0	Unable to monitor north western part of cap edge due to overgrown vegetation
			South				
Z2	Transect 1	22/06/2020	North	See Plan		0	
			South				
Z2	Cap Edge	22/06/2020	North	See Plan		0	
			South				
N/A	External Perimeter	22/06/2020	North	See Plan		0	
			South				

Pen-Y-Bont (Chirk) Landfill Site

Surface Emissions Survey - June 2020

FID Survey - Infrastructure

Zone	Feature Ref	Date	Location		Concentration in ppm	Comments
			Easting	Northing		
Z1	KOP003	22/06/2020	329046	341688	0	
Z1	KOP004	22/06/2020	329080	341882	0	
Z1	L04AR	22/06/2020	329258	341743	5,000	Base of well
Z1	LC01A	22/06/2020	329176	341749	-	Well not found
Z1	LC01B	22/06/2020	329158	341748	>10,000	Middle flange joint
Z1	LC04B	22/06/2020	329254	341745	0	
Z1	LC05B	22/06/2020	329256	341719	-	Well not found - possibly same well as W05A
Z1	LC06	22/06/2020	329258	341855	>10,000	Several places around cap/lid
Z1	LC07	22/06/2020	329291	341845	>10,000	Cap/lid
Z1	LCO3	22/06/2020	329051	341869	>10,000	Cap/lid
Z1	LM04B	22/06/2020	329250	341754	0	
Z1	LM05B	22/06/2020	329252	341712	-	Well not found - possibly same well as W5BR
Z1	LM06B	22/06/2020	329276	341763	8,000	Top flange gasket
Z1	LM7B	22/06/2020	329309	341777	1,000	Screw on pipe fitting with camlock
Z1	LMP01	22/06/2020	329138	341603	0	
Z1	R0010	22/06/2020	329131	341816	0	
Z1	R0037	22/06/2020	329182	341733	0	
Z1	R0040	22/06/2020	329158	341769	0	
Z1	R0041	22/06/2020	329203	341801	0	
Z1	R0043	22/06/2020	329167	341691	0	
Z1	R0055	22/06/2020	329200	341669	0	
Z1	R0069	22/06/2020	329222	341683	0	
Z1	R0070	22/06/2020	329258	341693	0	
Z1	R0071	22/06/2020	329279	341702	-	Well not found
Z1	R0072	22/06/2020	329293	341736	0	
Z1	R0073	22/06/2020	329318	341760	0	
Z1	R0074	22/06/2020	329208	341695	-	Well not found
Z1	R0077	22/06/2020	329221	341734	0	
Z1	R0079	22/06/2020	329233	341655	-	Well not found - possibly same well as W0079
Z1	R0080	22/06/2020	329266	341665	0	
Z1	R0081	22/06/2020	329295	341670	0	
Z1	R0091	22/06/2020	329293	341776	-	Well not found - possibly same well as W0091
Z1	R0093	22/06/2020	329273	341790	0	
Z1	R1601	22/06/2020	329124	341733	0	
Z1	R17R2	22/06/2020	329119	341735	0	
Z1	R252R	22/06/2020	329157	341649	0	
Z1	REM	22/06/2020	329165	341752	0	
Z1	SMP02	22/06/2020	329251	341627	0	
Z1	Sump3	22/06/2020	329337	341830	0	
Z1	Sump4	22/06/2020	329314	341837	0	
Z1	UNK	22/06/2020	329198	341723	0	
Z1	W0001	22/06/2020	329046	341736	0	
Z1	W0003	22/06/2020	329047	341797	0	
Z1	W0007	22/06/2020	329065	341857	0	

Pen-Y-Bont (Chirk) Landfill Site
Surface Emissions Survey - June 2020
FID Survey - Infrastructure

Zone	Feature Ref	Date	Location		Concentration in ppm	Comments
			Easting	Northing		
Z1	W0018	22/06/2020	329090	341800	0	
Z1	W0019	22/06/2020	329088	341751	0	
Z1	W0020	22/06/2020	329081	341707	0	
Z1	W0028	22/06/2020	329066	341785	0	
Z1	W0029	22/06/2020	329066	341816	0	
Z1	W0030	22/06/2020	329112	341851	2,000	Top of well
Z1	W0044	22/06/2020	329118	341779	0	
Z1	W0048	22/06/2020	329225	341831	0	
Z1	W0056	22/06/2020	329105	341695	0	
Z1	W0057	22/06/2020	329170	341816	0	
Z1	W0064	22/06/2020	329092	341713	0	
Z1	W0065	22/06/2020	329101	341755	0	
Z1	W0066	22/06/2020	329190	341819	0	
Z1	W0067	22/06/2020	329220	341813	0	
Z1	W0068	22/06/2020	329242	341807	0	
Z1	W0073	22/06/2020	329318	341763	0	
Z1	W0075	22/06/2020	329269	341773	0	
Z1	W0076	22/06/2020	329220	341772	-	Well not found
Z1	W0078	22/06/2020	329209	341632	0	
Z1	W0079	22/06/2020	329236	341655	0	
Z1	W0080	22/06/2020	329264	341664	0	
Z1	W0081	22/06/2020	329294	341668	0	
Z1	W0082	22/06/2020	329320	341701	0	
Z1	W0083	22/06/2020	329339	341735	0	
Z1	W0084	22/06/2020	329158	341618	0	
Z1	W0087	22/06/2020	329212	341755	-	Well not found
Z1	W0088	22/06/2020	329315	341726	0	
Z1	W0089	22/06/2020	329299	341712	0	
Z1	W0090	22/06/2020	329281	341690	-	Well not found
Z1	W0091	22/06/2020	329296	341775	0	
Z1	W0094	22/06/2020	329344	341716	0	
Z1	W0095	22/06/2020	329356	341736	-	Well not found
Z1	W0096	22/06/2020	329369	341737	-	Well not found
Z1	W0097	22/06/2020	329367	341766	0	
Z1	W0098	22/06/2020	329351	341758	0	
Z1	W0099	22/06/2020	329337	341787	0	
Z1	W0100	22/06/2020	329306	341809	0	
Z1	W0101	22/06/2020	329273	341825	0	
Z1	W0102	22/06/2020	329242	341839	0	
Z1	W0103	22/06/2020	329177	341842	0	
Z1	W0104	22/06/2020	329148	341843	0	
Z1	W0105	22/06/2020	329075	341687	0	
Z1	W0106	22/06/2020	329106	341662	0	
Z1	W0107	22/06/2020	329136	341627	-	Well not found

Pen-Y-Bont (Chirk) Landfill Site
Surface Emissions Survey - June 2020
FID Survey - Infrastructure

Zone	Feature Ref	Date	Location		Concentration in ppm	Comments
			Easting	Northing		
Z1	W0108	22/06/2020	329150	341602	0	
Z1	W0109	22/06/2020	329165	341591	0	
Z1	W0110	22/06/2020	329283	341751	0	
Z1	W0111	22/06/2020	329267	341741	-	Well not found
Z1	W0111	22/06/2020	329231	341624	-	Well not found
Z1	W0112	22/06/2020	329243	341717	0	
Z1	W0112	22/06/2020	329258	341642	0	
Z1	W0113	22/06/2020	329239	341759	0	
Z1	W0114	22/06/2020	329251	341778	0	
Z1	W0115	22/06/2020	329224	341791	0	
Z1	W0116	22/06/2020	329196	341757	0	
Z1	W0117	22/06/2020	329203	341780	0	
Z1	W0118	22/06/2020	329176	341802	0	
Z1	W0120	22/06/2020	329135	341677	0	
Z1	W0121	22/06/2020	329123	341700	0	
Z1	W0122	22/06/2020	329137	341747	-	Well not found
Z1	W0124	22/06/2020	329186	341774	0	
Z1	W0125	22/06/2020	329150	341770	0	
Z1	W0126	22/06/2020	329131	341734	0	
Z1	W0128	22/06/2020	329228	341738	0	
Z1	W05A	22/06/2020	329256	341713	0	
Z1	W1602	22/06/2020	329159	341728	0	
Z1	W1603	22/06/2020	329164	341768	0	
Z1	W1604	22/06/2020	329199	341770	0	
Z1	W1605	22/06/2020	329245	341778	0	
Z1	W1606	22/06/2020	329229	341752	0	
Z1	W1607	22/06/2020	329219	341732	-	Well not found
Z1	W1608	22/06/2020	329175	341715	0	
Z1	W1609	22/06/2020	329280	341707	0	
Z1	W1610	22/06/2020	329189	341688	0	
Z1	W1611	22/06/2020	329280	341685	0	
Z1	W1612	22/06/2020	329152	341671	0	
Z1	W5BR	22/06/2020	329257	341717	20	Top flange gasket
Z1	WA10R	22/06/2020	329128	341817	0	

Appendix B

Annual FID Survey Plans



LEGEND

- Indicative Extent of FID Walkover Survey
- FID Survey Lines (at 50m and 25m centres dependant on cap type)
- Feature Location and Reference



**PEN-Y-BONT (CHIRK)
LANDFILL SITE**

**ANNUAL FID SURVEY PLAN
TRANSECTS PLAN (1 of 2)
JUNE 2020**

DRAWN BY	CK	DATE	22/07/2020
APPROVED BY		SCALE	A3 1:2750
DRAWING No	2020/PYB/01	STATUS	FINAL

enital
Enterprise Drive
Four Ashes
Wolverhampton
WV10 7DE
tel +44 (0) 1902 798798
fax +44 (0) 1902 798711
www.enital.co.uk

