



1766 Kogarah - Live site trials

First quarter report

Call out pattern for 3 years prior to the trial.

Average temperatures shown for seasonal comparison. Trial start at peak seasonal temps.

Kogarah Town Centre, Railway Parade, Kogarah. NSW. 2217

Trial Administrator - Hamish McLean (SAU) Paurick Gaughan (GCUK)
 Site Tech - Louis Gianaopolis
 Client contact - Andrew Golab

Trial period; 19/1/19 to 31/7/19 6 months & 11 days measured

Observations

Average of 7.25 call outs per month in the preceding 3 years.
 0 call outs recorded in the second qtr of the trial equating to an immediate operational cost reduction of 43.50 call outs to site;

43.50 x \$450.00 call outs.\$19,575.00

(?) x fan motor replacements for water damage

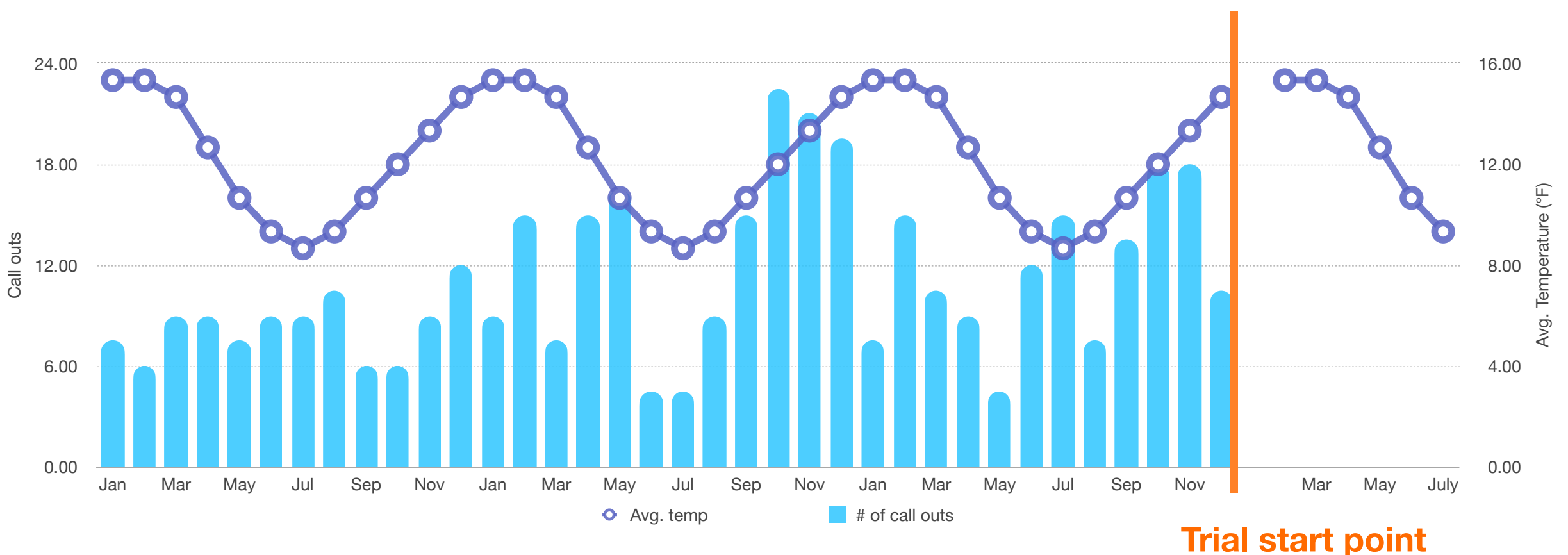
(?) x Condensate pump failure caused by biofilm.

Call out cost saving: \$19,575.00
 Cost to implement: \$ 2,800.00
 Trickle down costs not recorded. \$0
Total net saving \$16,755.00

Bio-beta system cost neutral within the first month of use.
 System comprised of 1 x dairy condensate pump and serving 12 chiller units, pumped and gravity.

Reactive call outs

	AVG. TEMP	# OF CALL OUTS
Jan	23.00	5.00
Feb	23.00	4.00
Mar	22.00	6.00
Apr	19.00	6.00
May	16.00	5.00
Jun	14.00	6.00
Jul	13.00	6.00
Aug	14.00	7.00
Sep	16.00	4.00
Oct	18.00	4.00
Nov	20.00	6.00
Dec	22.00	8.00
Jan	23.00	6.00
Feb	23.00	10.00
Mar	22.00	5.00
Apr	19.00	10.00
May	16.00	11.00
Jun	14.00	3.00
Jul	13.00	3.00
Aug	14.00	6.00
Sep	16.00	10.00
Oct	18.00	15.00
Nov	20.00	14.00
Dec	22.00	13.00
Jan	23.00	5.00
Feb	23.00	10.00
Mar	22.00	7.00
Apr	19.00	6.00
May	16.00	3.00
Jun	14.00	8.00
Jul	13.00	10.00
Aug	14.00	5.00
Sep	16.00	9.00
Oct	18.00	12.00
Nov	20.00	12.00
Dec	22.00	7.00
	Tablets installed	
Feb	23.00	0.00
Mar	23.00	0.00
April	22.00	0.00
May	19.00	0.00
June	16.00	0.00
July	14.00	0.00



1 year ROI

	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Bio-beta kit	\$2350.00			
Installation cost	\$450			
Total Investment	\$2800.00			
Operational cost saving	\$19,575			