

**ENVIRONMENT PROTECTION LICENCE NO.** 5810  
**LICENCE NAME.** CARGILL AUSTRALIA LIMITED  
**LICENCE PREMISES.** NEWCASTLE  
**LICENCE ADDRESS.** 51 RAVEN ST, KOORAGANG ISLAND, NSW 2304  
**MONITORING REQUIREMENTS.** Pt.12 Effective 2nd December 2013, Pt.13 Effective 1st February 2014  
**LICENCE ANNIVERSARY DATE** 1/06/2018  
**MONITORING FREQUENCY.** Daily

Month / Measurement Location	No. Measurements Required	No. Measurements Recorded	Minimum Irrigated Volume (kL/day)	Maximum Irrigated Volume (kL/day)	Average Irrigated Daily Flow (kL/day)	Total Monthly Volume Irrigated (kL)
<b>June 2018</b>						
Pt.12 - WWTP Flow (kL/day)	30	30	167	334	234	7021
Pt.13 - Septic Flow (kL/day)	30	30	0	10	2.62	79
<b>July 2018</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	178	285	222	6882
Pt.13 - Septic Flow (kL/day)	31	31	1	14	2.79	86
<b>August 2018</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	140	256	208	6448
Pt.13 - Septic Flow (kL/day)	31	31	1	6	3.25	101
<b>September 2018</b>						
Pt.12 - WWTP Flow (kL/day)	30	28 <sup>1</sup>	0	345	221	6616
Pt.13 - Septic Flow (kL/day)	30	28 <sup>1</sup>	0	5	2.18	65
<b>October 2018</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	177	323	228	7054
Pt.13 - Septic Flow (kL/day)	31	31	1	4	2.46	76
<b>November 2018</b>						
Pt.12 - WWTP Flow (kL/day)	30	30	131	221	190	5695
Pt.13 - Septic Flow (kL/day)	30	30	0	4	2.24	67
<b>December 2018</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	38	247	175	5436
Pt.13 - Septic Flow (kL/day)	31	31	1	4.2	2.20	68
<b>January 2019</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	67	253	164	5085
Pt.13 - Septic Flow (kL/day)	31	31	1	2.9	1.99	62
<b>February 2019</b>						
Pt.12 - WWTP Flow (kL/day)	28	28	80	186	156	4200
Pt.13 - Septic Flow (kL/day)	28	19 <sup>2</sup>	1	3	1.86	35
<b>March 2019</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	70	289	171	5293
Pt.13 - Septic Flow (kL/day)	31	4 <sup>2</sup>	0	5	0.37	11.6
<b>April 2019</b>						
Pt.12 - WWTP Flow (kL/day)	30	30	51	266	188	5647
Pt.13 - Septic Flow (kL/day)	30	30	0	9	2.49	74.6
<b>May 2019</b>						
Pt.12 - WWTP Flow (kL/day)	31	31	170	310	225	6970
Pt.13 - Septic Flow (kL/day)	31	31	1	4	2.34	72.5

<sup>1</sup> No samples were recorded on the 21st and 22nd of September due to site power outage, as such no water was irrigated in this time

<sup>2</sup> A Lighting strike onsite damaged the flow meter, the replacement meter has now been installed and is operational.

