

Appendix A

Monitoring Program Station No. ALT-1

Year: 2017

Name: Water Supply at Raw Water Intake

Licence Daily Water Use (to not exceed) Limit: 185 cubic metres [m³].

Results for: All Purpose Water Monitoring

Daily Water Usage Quantity: 546 cubic metres [m³].

Annual Water Usage Quantity: 198,993 cubic metres [m³].

Average Daily Water Usage at CFS Alert - 8AC-ALT---- (formerly 3BC-ALT1015)										
Year	Month	Days	Average Daily Intake (Usage)	Maximum Daily Intake	Average Daily Returned	Maximum Daily Return	Average Daily Utilized (Consumed)	Maximum Daily Utilized (Consumed)	Metered	Quantity Utilized
[yr]	[mo]	[day]	[m3/day]	[m3/day]	[m3/day]	[m3/day]	[m3/day]	[m3/day]	[Y/N]	[m3]
2017	JAN	31	572	752	489	602	83	288	Y	17,726
2017	FEB	28	575	700	491	571	84	129	Y	16,088
2017	MAR	31	573	709	493	614	80	95	Y	17,774
2017	APR	30	573	742	490	628	83	114	Y	17,199
2017	MAY	31	568	695	486	598	82	109	Y	17,606
2017	JUN	30	542	744	467	672	75	101	Y	16,255
2017	JUL	31	514	609	437	527	76	99	Y	15,926
2017	AUG	31	513	606	425	510	88	462	Y	15,894
2017	SEP	30	534	634	454	549	80	125	Y	16,012
2017	OCT	31	568	671	486	576	83	113	Y	17,622
2017	NOV	30	585	728	505	630	81	462	Y	17,564
2017	DEC	31	430	584	361	495	68	125	Y	13,327
Annual Average [m3/day]:			546	681	465	581	80	185	Total	198,993
Observed Minimum [m3/day]:			430	584	361	495	68	95	Annual	
Observed Maximum [m3/day]:			585	752	505	672	88	462	[m3]:	

Average Daily Water Intake (Usage) from Source: 546 cubic metres [m³].

Average Daily Water Return to Source: 465 cubic metres [m³].

Average Daily Water Utilized (Consumed): 80 cubic metres [m³].

The usage for 2017 exceed the Licence Daily Water Use Limit. The 3BC-ALT1015 water licence expired on 31 July 2015; this annual report is submitted in compliance with the obligations to the conditions of 3BC-ALT1015 while DND is in the amendment and renewal process for a Type A water licence under 8AC-ALT----. The renewal and amendment application contains an increase in the usage quantity limits at CFS Alert for the next water licence based on the observed maximum daily intake value.