

## Appendix A

### Monitoring Program Station No. ALT-1

Year: 2016

Name: Water Supply at Raw Water Intake

Licence Daily Water Use (to not exceed) Limit: 185 cubic metres [m<sup>3</sup>].

Results for: All Purpose Water Monitoring

Daily Water Usage Quantity: 539 cubic metres [m<sup>3</sup>].

Annual Water Usage Quantity: 197,191 cubic metres [m<sup>3</sup>].

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]
2016	JAN	31	424	515	349	449	75	125	Y	13,153
2016	FEB	29	475	648	385	577	90	124	Y	13,785
2016	MAR	31	432	530	364	447	68	133	Y	13,387
2016	APR	30	494	757	424	665	70	108	Y	14,823
2016	MAY	31	666	785	590	713	75	109	Y	20,631
2016	JUN	30	643	817	578	737	65	117	Y	19,283
2016	JUL	31	645	749	573	679	71	102	Y*	19,983
2016	AUG	31	572	693	506	572	65	121	Y*	17,719
2016	SEP	30	555	644	462	544	93	202	Y	16,654
2016	OCT	31	560	666	488	561	72	109	Y	17,363
2016	NOV	30	569	677	482	583	87	121	Y	17,082
2016	DEC	31	430	584	361	495	68	202	Y	13,327
Annual Average [m3/day]:			539	672	464	585	75	131	Total	197,191
Observed Minimum [m3/day]:			424	515	349	447	65	102	Annual	
Observed Maximum [m3/day]:			666	817	590	737	93	202	[m3]:	

\*Note#1: A) Flowmeters were not in service from July 17<sup>th</sup> to August 10<sup>th</sup>.

Average Daily Water Intake (Usage) from Source: 539 cubic metres [m<sup>3</sup>].

Average Daily Water Return to Source: 464 cubic metres [m<sup>3</sup>].

Average Daily Water Utilized (Consumed): 75 cubic metres [m<sup>3</sup>].

The usage for 2016 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. 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.