General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- EP021: Oil and Grease LOR has been raised due to insufficient sample volume provided for standard analysis. 1L is required for standard analysis.

Analytical Results

Sub-Matrix: **WATER** (Matrix: **WATER**)			Client sample ID	**Final Effluent Coolah**	**Final Effluent Dunedoo**	**----**	**----**	**----**
			Client sampling date / time	30-Jul-2019 13:30	30-Jul-2019 11:30	----	----	----
Compound	*CAS Number*	*LOR*	*Unit*	**WN1905422-001**	**WN1905422-002**	**--------**	**--------**	**--------**
				Result	Result	----	----	----
EA005: pH								
pH Value	----	0.01	pH Unit	**8.79**	**8.18**	**----**	**----**	**----**
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	10	µS/cm	**1440**	**1820**	**----**	**----**	**----**
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	**138**	**8**	**----**	**----**	**----**
EK059A: Nitrite and Nitrate as N (NOx)								
Nitrite + Nitrate as N	----	0.05	mg/L	<0.05	**0.39**	**----**	**----**	**----**
EK061A: Total Kjeldahl Nitrogen as N								
Total Kjeldahl Nitrogen as N	----	0.2	mg/L	**6.9**	**4.8**	**----**	**----**	**----**
EK062A: Total Nitrogen as N								
Total Nitrogen as N	----	0.1	mg/L	**6.9**	**5.2**	**----**	**----**	**----**
EK067A: Total Phosphorus as P								
Total Phosphorus as P	----	0.05	mg/L	**3.60**	**3.50**	**----**	**----**	**----**
EP021: Total Oil and Grease								
Total Oil and Grease	----	2	mg/L	**7**	**4**	**----**	**----**	**----**
EP030.WN: Biochemical Oxygen Demand (BOD)								
Biochemical Oxygen Demand	----	2	mg/L	**23**	<2	**----**	**----**	**----**

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Analytical Results

Sub-Matrix: **WATER** (Matrix: **WATER**)			*Client sample ID*	**Final Effluent Coolah**	**Final Effluent Dunedoo**	----	----	----
			Client sampling date / time	30-Ju1-2019 13:.30	30-Jul-2019 11:30	----	—	----
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				Result	Result	—	----	—
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