

To:

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 Oberon Council
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From:

Kim Smith
 Customer Liaison Officer
 ALS Water
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Order Number: 49684

No. of Pages: 2

<i>Sample ID</i>	<i>Date</i>	<i>Time</i>	<i>Description</i>
H1600069	4/01/2016	8:30 AM	Ex-Pond Works Discharge EMP1

<i>Analysis</i>	<i>Method / Category</i>	<i>Result</i>	<i>Unit</i>
Ammonia	APHA (2012) 4500 - NH3 H (Ammonia)	12.1	mg/L N
BOD5 - Total	APHA (2012) 5210 B (BOD5)	<2	mg/L
Chlorophyll_a	APHA (2012) 10200 H (Chlorophyll_a)	1.5	ug/L
pH	APHA (2012) 4500-H+ B (pH)	7.3	-
Suspended Solids	Inhouse 4 (Suspended Solids)	3	mg/L
Total Kjeldahl Nitrogen	Inhouse 6 (TKN)	15.3	mg/L N
Total Oil and Grease	APHA (2012) 5520 D (Grease)	<2	mg/L
Total Oxidised Nitrogen	APHA (2012) 4500 - NO3 I (TON)	4.7	mg/L N
Total Phosphorus	APHA (2012) 4500 - P H (Phosphorus)	1.0	mg/L P

<i>Sample ID</i>	<i>Date</i>	<i>Time</i>	<i>Description</i>
H1600070	4/01/2016	8:30 AM	Up-Stream EMP3

<i>Analysis</i>	<i>Method / Category</i>	<i>Result</i>	<i>Unit</i>
pH	APHA (2012) 4500-H+ B (pH)	6.9	-
Total Kjeldahl Nitrogen	Inhouse 6 (TKN)	0.5	mg/L N
Total Oxidised Nitrogen	APHA (2012) 4500 - NO3 I (TON)	<0.05	mg/L N
Total Phosphorus	APHA (2012) 4500 - P H (Phosphorus)	0.12	mg/L P

<i>Sample ID</i>	<i>Date</i>	<i>Time</i>	<i>Description</i>
H1600071	4/01/2016	8:30 AM	Down-Stream EMP4

<i>Analysis</i>	<i>Method / Category</i>	<i>Result</i>	<i>Unit</i>
pH	APHA (2012) 4500-H+ B (pH)	7.1	-
Total Kjeldahl Nitrogen	Inhouse 6 (TKN)	4.4	mg/L N
Total Oxidised Nitrogen	APHA (2012) 4500 - NO3 I (TON)	1.6	mg/L N
Total Phosphorus	APHA (2012) 4500 - P H (Phosphorus)	0.35	mg/L P

This is a Preliminary Report, not a Final Report.
 Results from this report are not to be reproduced without acknowledgement.
 The analytical results on this report are subject to verification.

Neil Martin

Chemistry Team Leader

12 January 2016