



ALS Life Science Ltd
Trading as ALS
Carrigeen Business Park,
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Tel: 052 6178100
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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Sample Type Effluent
Client ID 4. effluent clarifier
ALS ID 2432389

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Phosphorus	0.90	mg/l P	P207
COD Total	126	mg/l O ₂	P210
pH	7.8	Units	P233
BOD 5 day Total with ATU	80	mg/l O ₂	P280
Ammonia	<0.02	mg/l NH ₃ -N	P281
Orthophosphate	0.18	mg/l P	P281
Total Oxidised Nitrogen	7.00	mg/l TON	P281
Nitrogen (Total)	22.7	mg/L N	P285
Kjeldahl Nitrogen	12.7	mg/L N	P285 - Calculation (Total N - TON)

Sample Type Effluent
Client ID 5. effluent bed
ALS ID 2432390

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Phosphorus	2.10	mg/l P	P207
COD Total	170	mg/l O ₂	P210
pH	7.6	Units	P233
BOD 5 day Total with ATU	100	mg/l O ₂	P280
Ammonia	<0.02	mg/l NH ₃ -N	P281
Orthophosphate	1.16	mg/l P	P281
Total Oxidised Nitrogen	1.94	mg/l TON	P281
Nitrogen (Total)	24.3	mg/L N	P285
Kjeldahl Nitrogen	22.4	mg/L N	P285 - Calculation (Total N - TON)



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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Sample Type Sludge
Client ID 1.50mm off bed floor
ALS ID 2432386

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Phosphorus	4072	mg/kg P	P207*
% Dry Matter	33.68	g/100g	P274*
Potassium Total	2042	mg/kg	P278*
Nitrogen (Total)	4810	mg/kg N	P285*

Sample Type Sludge
Client ID 2.250mm off bed floor
ALS ID 2432387

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Phosphorus	3517	mg/kg P	P207*
% Dry Matter	33.15	g/100g	P274*
Potassium Total	6315	mg/kg	P278*
Nitrogen (Total)	3850	mg/kg N	P285*

Sample Type Sludge
Client ID 3.500mm off bed floor
ALS ID 2432386

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Phosphorus	4051	mg/kg P	P207*
% Dry Matter	33.07	g/100g	P274*
Potassium Total	2568	mg/kg	P278*
Nitrogen (Total)	2950	mg/kg N	P285*



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CERTIFICATE OF ANALYSIS

Sample Type Effluent
Client ID Wexford Pig Farm
ALS ID 3331477

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	748	mg/ l	P202
Phosphorus	71.00	mg/l P	P207*
COD Total	2118	mg/l O ₂	P210
Fats Oils & Greases	5.6	mg/ l	P238*
BOD 5 Day Total	508	mg/l O ₂	P280
Ammonia	824.24	mg/l NH ₃ -N	P281*
Nitrate	<1.0	mg/l NO ₃ N	P281

Borrosleigh Wastewater Treatment Plant BOD & SS. Drying Bed Installent August 2012

