

Doreen Hall
Vitacress Salads Ltd.
Manor Farm
Southbrook
Bereregis
Dorset
BH20 7LH

Dear Doreen


Please find attached the results for the batch of 19 samples described below.

Samples Registered on:	16-May-2018
Analysis Started on:	16-May-2018
Analysis Completed on:	29-May-2018
Results for Batch Number	20121742
Your Purchase Order Number:	None Supplied

You will be invoiced shortly by our accounts department.

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely



Vici Bentley
Customer Services Team Manager
Tel: 0800 092 0786
nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147336 Sampled on: 15-May-18 @ 06:30
 Comments: SPETISBURY IN
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<10.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.26	mg/l		0.3	UKAS	SX	38
Potassium	1.63	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147338 Sampled on: 15-May-18 @ 07:00
 Comments: SPETISBURY OUT
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	9.00	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0175	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.02	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.38	mg/l		0.3	UKAS	SX	38
Potassium	1.15	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147339 Sampled on: 15-May-18 @ 07:20
 Comments: HOLLEYBUSH IN
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<11.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.38	mg/l		0.3	UKAS	SX	38
Potassium	1.14	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147340 Sampled on: 15-May-18 @ 07:35
 Comments: HOLLEYBUSH OUT
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	10.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0148	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.02	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	32.2	ug/l		30	UKAS	SX	38
Magnesium	2.43	mg/l		0.3	UKAS	SX	38
Potassium	1.19	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147341 Sampled on: 15-May-18 @ 08:00
 Comments: DODDINGS IN
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<8.90	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.90	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.61	mg/l		0.3	UKAS	SX	38
Potassium	1.32	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147342 Sampled on: 15-May-18 @ 08:10
 Comments: DODDINGS OUT
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<8.28	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.28	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.49	mg/l		0.3	UKAS	SX	38
Potassium	1.45	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147343 Sampled on: 15-May-18 @ 08:25
 Comments: MANOR OUT
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.69	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.69	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.44	mg/l		0.3	UKAS	SX	38
Potassium	1.32	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147344 Sampled on: 15-May-18 @ 08:50
 Comments: MANOR IN
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<9.66	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.66	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.27	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.56	mg/l		0.3	UKAS	SX	38
Potassium	1.60	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147345 Sampled on: 15-May-18 @ 06:00
 Comments: ABBOTS ANN IN
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.88	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.88	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.71	mg/l		0.3	UKAS	SX	38
Potassium	0.859	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147346 Sampled on: 15-May-18 @ 06:10
 Comments: ABBOTTS ANN OUT
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.81	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0960	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.367	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0734	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.88	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.102	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.135	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.07	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	82.5	ug/l		30	UKAS	SX	38
Magnesium	1.92	mg/l		0.3	UKAS	SX	38
Potassium	1.61	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147347 Sampled on: 15-May-18 @ 06:30
 Comments: ST MARYBOURNE IN D
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<6.56	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0250	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.56	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0263	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.22	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.57	mg/l		0.3	UKAS	SX	38
Potassium	0.998	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147348 Sampled on: 15-May-18 @ 06:40
 Comments: ST MARYBOURNE OUT D
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.42	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.214	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0211	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.44	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.212	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.238	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.02	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.59	mg/l		0.3	UKAS	SX	38
Potassium	0.729	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147349 Sampled on: 15-May-18 @ 06:50
 Comments: ST MARYBOURNE IN E
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.72	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0450	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00590	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.73	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0430	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0677	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.62	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	173	ug/l		30	UKAS	SX	38
Magnesium	1.97	mg/l		0.3	UKAS	SX	38
Potassium	1.85	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147350 Sampled on: 15-May-18 @ 07:00
 Comments: ST MARYBOURNE OUT E
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	7.16	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.394	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.526	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0709	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.23	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.424	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.581	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	10.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	97.7	ug/l		30	UKAS	SX	38
Magnesium	2.07	mg/l		0.3	UKAS	SX	38
Potassium	4.09	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147351 Sampled on: 15-May-18 @ 07:15
 Comments: ST MARYBOURNE RIVER
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.38	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0280	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00710	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.39	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0270	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0374	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.61	mg/l		0.3	UKAS	SX	38
Potassium	1.00	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147352 Sampled on: 15-May-18 @ 07:50
 Comments: PINGLESTONE IN
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.48	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.48	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0180	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0228	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.94	mg/l		0.3	UKAS	SX	38
Potassium	1.22	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147353 Sampled on: 15-May-18 @ 08:00
 Comments: PINGLESTONE OUT
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.23	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00710	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.24	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0278	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.22	mg/l		3	UKAS	SX	869
Zinc	20.7	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.91	mg/l		0.3	UKAS	SX	38
Potassium	0.843	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147354 Sampled on: 15-May-18 @ 08:20
 Comments: WARNFORD IN SH
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<5.71	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.71	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.97	mg/l		0.3	UKAS	SX	38
Potassium	0.754	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004147355 Sampled on: 15-May-18 @ 08:30
 Comments: WARNFORD OUT SH
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.00	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0970	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0730	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00510	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.01	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.165	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.181	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.07	mg/l		0.3	UKAS	SX	38
Potassium	0.721	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20121742

25	SX I Nutrients - determined colorimetrically by CF autoanalyser
34	SX M ICPMS Routine - Metals - acid digested; determined by ICPMS
38	SX M ICPOES Routine - Metals - acid digested; determined by ICPOES
235	SX I Phosphate - (total) - digested; determined colorimetrically by autoanalyser
237	SX I Saline Nutrients - determined colorimetrically by discrete analyser
864	Parameter by calculation
869	SX I Suspended Solids - filtered; determined by gravimetry



James Trout
Laboratory Site Manager

The results in this Certificate of Analysis are the definitive test results. Any accompanying results are provided for ease of use by the customer and should be used with caution.

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation $2 \times \text{Relative Standard Deviation} + \text{Bias}$. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = $2 \times \%RSD$), with a contribution added for the bias.

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated

Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

Doreen Hall
Vitacress Salads Ltd.
Manor Farm
Southbrook
Bereregis
Dorset
BH20 7LH

Dear Doreen

Please find attached the results for the batch of 19 samples described below.

Samples Registered on:	28-Jun-2018
Analysis Started on:	28-Jun-2018
Analysis Completed on:	06-Jul-2018
Results for Batch Number	20123194
Your Purchase Order Number:	B10064112

You will be invoiced shortly by our accounts department.

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely



Vici Bentley
Customer Services Team Manager
Tel: 0800 092 0786
nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182880 Sampled on: 26-Jun-18 @ 07:00
 Comments: Spetisbury in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<10.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0140	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.83	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.29	mg/l		0.3	UKAS	SX	38
Potassium	1.81	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182881 Sampled on: 26-Jun-18 @ 07:15
 Comments: Sspetisbury out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	7.72	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0580	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0202	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.74	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0266	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.15	mg/l		0.3	UKAS	SX	38
Potassium	1.05	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182882 Sampled on: 26-Jun-18 @ 07:50
 Comments: hollybush in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<12.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.39	mg/l		0.3	UKAS	SX	38
Potassium	1.44	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182883 Sampled on: 26-Jun-18 @ 08:00
 Comments: Hollybush out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	10.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0244	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.93	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.48	mg/l		0.3	UKAS	SX	38
Potassium	1.18	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182884 Sampled on: 26-Jun-18 @ 08:20
 Comments: doddings in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.76	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.76	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.55	mg/l		0.3	UKAS	SX	38
Potassium	1.44	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182885 Sampled on: 26-Jun-18 @ 08:20
 Comments: doddings out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.66	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0730	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0200	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.68	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0770	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.113	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.08	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.64	mg/l		0.3	UKAS	SX	38
Potassium	1.01	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182886 Sampled on: 26-Jun-18 @ 09:05
 Comments: Manor out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	4.80	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0660	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0360	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0173	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.82	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0690	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0809	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.82	mg/l		0.3	UKAS	SX	38
Potassium	1.62	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182887 Sampled on: 26-Jun-18 @ 09:30
 Comments: Manor in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<9.82	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.82	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.66	mg/l		0.3	UKAS	SX	38
Potassium	2.49	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182888 Sampled on: 26-Jun-18 @ 06:00
 Comments: Abbotts ann in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.48	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.48	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.69	mg/l		0.3	UKAS	SX	38
Potassium	0.926	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182889 Sampled on: 26-Jun-18 @ 06:10
 Comments: Abbotts ann out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.07	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.222	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0590	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0254	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.234	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.325	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	10.1	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	70.5	ug/l		30	UKAS	SX	38
Magnesium	2.16	mg/l		0.3	UKAS	SX	38
Potassium	0.809	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182890 Sampled on: 26-Jun-18 @ 06:30
 Comments: st marybourne d in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<6.66	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0270	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.66	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0270	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0273	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.53	mg/l		0.3	UKAS	SX	38
Potassium	0.986	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182891 Sampled on: 26-Jun-18 @ 06:40
 Comments: st marybourne d out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	4.90	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0390	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0140	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.91	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0400	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0616	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.52	mg/l		0.3	UKAS	SX	38
Potassium	0.645	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182892 Sampled on: 26-Jun-18 @ 06:50
 Comments: st marybourne e in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<6.75	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0420	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.75	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0410	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0482	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.73	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	67.4	ug/l		30	UKAS	SX	38
Magnesium	1.63	mg/l		0.3	UKAS	SX	38
Potassium	1.39	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182893 Sampled on: 26-Jun-18 @ 07:00
 Comments: st marybourne e out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	1.37	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.141	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.554	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.192	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	1.56	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.157	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.209	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.33	mg/l		3	UKAS	SX	869
Zinc	5.18	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.36	mg/l		0.3	UKAS	SX	38
Potassium	3.51	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182894 Sampled on: 26-Jun-18 @ 07:10
 Comments: st marybourne River
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.33	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0240	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0122	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.34	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0290	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.56	mg/l		0.3	UKAS	SX	38
Potassium	0.858	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182895 Sampled on: 26-Jun-18 @ 07:45
 Comments: pinglestone in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.59	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0230	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.59	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0230	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.91	mg/l		0.3	UKAS	SX	38
Potassium	1.24	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182896 Sampled on: 26-Jun-18 @ 08:00
 Comments: pinglestone out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.97	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00980	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.98	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.68	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.89	mg/l		0.3	UKAS	SX	38
Potassium	0.977	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182897 Sampled on: 26-Jun-18 @ 08:20
 Comments: warnford sh in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<5.78	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.78	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.91	mg/l		0.3	UKAS	SX	38
Potassium	0.749	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004182898 Sampled on: 26-Jun-18 @ 08:30
 Comments: warnford sh out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	7.22	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00470	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.22	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0261	mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.05	mg/l		0.3	UKAS	SX	38
Potassium	0.759	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20123194

25	SX I Nutrients - determined colorimetrically by CF autoanalyser
34	SX M ICPMS Routine - Metals - acid digested; determined by ICPMS
38	SX M ICPOES Routine - Metals - acid digested; determined by ICPOES
235	SX I Phosphate - (total) - digested; determined colorimetrically by autoanalyser
237	SX I Saline Nutrients - determined colorimetrically by discrete analyser
864	Parameter by calculation
869	SX I Suspended Solids - filtered; determined by gravimetry



James Trout
Laboratory Site Manager

The results in this Certificate of Analysis are the definitive test results. Any accompanying results are provided for ease of use by the customer and should be used with caution.

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation $2 \times \text{Relative Standard Deviation} + \text{Bias}$. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 ($\text{UoM} = 2 \times \% \text{RSD}$), with a contribution added for the bias.

Key to Results Flags:

QB QC Flag. Result accepted against QC breach

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated

Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT

Doreen Hall
Vitacress Salads Ltd.
Manor Farm
Southbrook
Bereregis
Dorset
BH20 7LH

Dear Doreen

Please find attached the results for the batch of 19 samples described below.

Samples Registered on:	27-Jul-2018
Analysis Started on:	27-Jul-2018
Analysis Completed on:	01-Aug-2018
Results for Batch Number	20124051
Your Purchase Order Number:	B10064112

You will be invoiced shortly by our accounts department.

If we can be of further assistance then please do not hesitate to contact us.

Yours sincerely



Vici Bentley
Customer Services Team Manager
Tel: 0800 092 0786
nls@environment-agency.gov.uk

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Details of analytical procedures and performance data are available on request. The date of sample analysis is available on request.

The Environment Agency carries out analytical work to high standards and within the scope of its UKAS accreditation, but has no knowledge of whether the circumstances or the validity of the procedures used to obtain the samples provided to the laboratory were representative of the need for which the information was required.

The Environment Agency and/or its staff does not therefore accept any liability for the consequences of any acts or omissions made on the basis of the analysis or advice or interpretation provided.

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202426 Sampled on: 26-Jul-18 @ 07:00
 Comments: Spetisbury in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<10.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0200	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.22	mg/l		0.3	UKAS	SX	38
Potassium	1.70	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202427 Sampled on: 26-Jul-18 @ 07:10
 Comments: Spetisbury out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	7.93	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0350	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0173	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.95	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0277	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	10.8	ug/l		5	UKAS	SX	34
Iron	44.0	ug/l		30	UKAS	SX	38
Magnesium	2.16	mg/l		0.3	UKAS	SX	38
Potassium	0.930	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202428 Sampled on: 26-Jul-18 @ 07:35
 Comments: Hollybush in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<12.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.46	mg/l		0.3	UKAS	SX	38
Potassium	0.943	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202429 Sampled on: 26-Jul-18 @ 07:45
 Comments: Hollybush out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	9.06	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0460	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0452	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.590	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	86.2	mg/l		3	UKAS	SX	869
Zinc	10.6	ug/l		5	UKAS	SX	34
Iron	608	ug/l		30	UKAS	SX	38
Magnesium	2.54	mg/l		0.3	UKAS	SX	38
Potassium	2.19	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202430 Sampled on: 26-Jul-18 @ 07:55
 Comments: Doddings in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<10.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0110	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.43	mg/l		0.3	UKAS	SX	38
Potassium	1.64	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202431 Sampled on: 26-Jul-18 @ 08:05
 Comments: Doddings out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<8.70	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.70	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.48	mg/l		0.3	UKAS	SX	38
Potassium	1.48	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202432 Sampled on: 26-Jul-18 @ 08:15
 Comments: Manor out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.99	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0177	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.01	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.32	mg/l		0.3	UKAS	SX	38
Potassium	0.233	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202433 Sampled on: 26-Jul-18 @ 08:25
 Comments: Manor in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<8.17	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.17	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.40	mg/l		0.3	UKAS	SX	38
Potassium	1.34	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202434 Sampled on: 26-Jul-18 @ 06:00
 Comments: Abbotts Ann in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<10.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.83	mg/l		0.3	UKAS	SX	38
Potassium	0.955	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202435 Sampled on: 26-Jul-18 @ 06:10
 Comments: Abbotts Ann out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	10.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.420	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.493	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0637	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.415	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.510	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	8.37	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.17	mg/l		0.3	UKAS	SX	38
Potassium	4.28	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202436 Sampled on: 26-Jul-18 @ 06:30
 Comments: St Marybourne d in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<6.71	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0360	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.71	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0290	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0259	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.53	mg/l		0.3	UKAS	SX	38
Potassium	0.993	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202437 Sampled on: 26-Jul-18 @ 06:40
 Comments: St Marybourne d out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.09	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0172	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0248	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.51	mg/l		0.3	UKAS	SX	38
Potassium	0.398	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202438 Sampled on: 26-Jul-18 @ 06:50
 Comments: St Marybourne e in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<6.65	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0400	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.65	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0600	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0728	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.87	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	78.6	ug/l		30	UKAS	SX	38
Magnesium	1.62	mg/l		0.3	UKAS	SX	38
Potassium	1.70	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202439 Sampled on: 26-Jul-18 @ 07:00
 Comments: St Marybourne e out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	4.16	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0770	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0770	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0697	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.23	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0840	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.113	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.07	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.80	mg/l		0.3	UKAS	SX	38
Potassium	1.10	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202440 Sampled on: 26-Jul-18 @ 07:15
 Comments: St Marybourne river
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.58	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0210	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0128	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.59	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0269	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.52	mg/l		0.3	UKAS	SX	38
Potassium	0.910	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202441 Sampled on: 26-Jul-18 @ 08:00
 Comments: Pinglestone in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<6.82	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0210	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.82	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0229	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.83	mg/l		0.3	UKAS	SX	38
Potassium	1.08	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202442 Sampled on: 26-Jul-18 @ 08:10
 Comments: Pinglestone out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	6.09	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0440	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0448	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.13	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.87	mg/l		0.3	UKAS	SX	38
Potassium	0.950	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202443 Sampled on: 26-Jul-18 @ 08:30
 Comments: Warnford wr in
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	<7.92	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.92	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0200	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.20	mg/l		0.3	UKAS	SX	38
Potassium	0.766	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis
 Quote Description: Surface water analysis
 Folder No: 004202444 Sampled on: 26-Jul-18 @ 08:45
 Comments: Warnford wr out
 Quote No: 15002 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u>	<u>Testcode</u>
Nitrate as N	5.78	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0470	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0431	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.82	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0295	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.04	mg/l		0.3	UKAS	SX	38
Potassium	0.970	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20124051

25	SX I Nutrients - determined colorimetrically by CF autoanalyser
34	SX M ICPMS Routine - Metals - acid digested; determined by ICPMS
38	SX M ICPOES Routine - Metals - acid digested; determined by ICPOES
235	SX I Phosphate - (total) - digested; determined colorimetrically by autoanalyser
237	SX I Saline Nutrients - determined colorimetrically by discrete analyser
864	Parameter by calculation
869	SX I Suspended Solids - filtered; determined by gravimetry



James Trout
Laboratory Site Manager

The results in this Certificate of Analysis are the definitive test results. Any accompanying results are provided for ease of use by the customer and should be used with caution.

All reporting limits quoted are those achievable for clean samples of the relevant matrix. No allowance is made for instances when dilutions are necessary owing to the nature of the sample or insufficient volume of the sample being available. In these cases higher reporting limits may be quoted and will be above the MRV.

Minimum Reporting Value (MRV). A minimum concentration selected for reporting purposes (i.e. the less than value), which is higher than the statistically derived method limit of detection.

Solid sample results are determined on a "dried" sample fraction except for parameters where the method description identifies that "as received" sample was used.

Uncertainty of Measurement information relating to sample results is supplied upon request. Uncertainty is estimated from the performance of routine quality control standards, using the calculation $2 \times \text{Relative Standard Deviation} + \text{Bias}$. This is based on the guidance issued by the UKTAG Chemistry task team - Guidance on the implementation of the Quality Assurance/Quality Control requirements' associated with Commission Directive 2009/90/EC, Article 4 (UoM = $2 \times \%RSD$), with a contribution added for the bias.

The analysis start date specified is the date of the first test, dates for other analysis are available on request.

Please note all samples will be retained for 10 working days for aqueous samples and 30 working days for solid samples after reporting unless otherwise agreed with Customer Services

Key to Accreditation: UKAS = Methodology accredited to ISO/IEC 17025:2005, MCertS = Methodology accredited to MCertS Performance Standard for testing of soils, none = Methodology not accredited

Key to Lab ID: LE = Leeds, NM = Nottingham, SX = Starcross, SC = Sub-Contracted outside NLS, FI = Field Data - outside NLS, NLS = Calculated

Any subsequent version of this report denoted with a higher version number will supersede this and any previous versions

END OF TEST REPORT