

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

Dear Doreen

Please find attached the results for the batch of 18 samples described below.

Samples Registered on:	17-Jan-2019
Analysis Started on:	17-Jan-2019
Analysis Completed on:	24-Jan-2019
Results for Batch Number	20128526
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



**Lawrence Green**  
Customer Services Team Manager

Tel: 0800 092 0786  
[nls@environment-agency.gov.uk](mailto: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: 004162411 Sampled on: 16-Jan-19 @ 07:00  
 Comments: st marybourne in d block  
 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	<6.81	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0260	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	6.81	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0260	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	QB	30	UKAS	SX	38
Magnesium	1.52	mg/l		0.3	UKAS	SX	38
Potassium	0.959	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162412 Sampled on: 16-Jan-19 @ 07:10  
 Comments: st marybourne out d block  
 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	6.54	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0340	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00900	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.55	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0460	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0379	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	QB	30	UKAS	SX	38
Magnesium	1.52	mg/l		0.3	UKAS	SX	38
Potassium	0.911	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162413 Sampled on: 16-Jan-19 @ 07:20  
 Comments: st marybourne in e block  
 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	6.63	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0440	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00550	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.64	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0400	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0466	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	35.5	ug/l	QB	30	UKAS	SX	38
Magnesium	1.62	mg/l		0.3	UKAS	SX	38
Potassium	1.46	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162414 Sampled on: 16-Jan-19 @ 07:30  
 Comments: st marybourne out e block  
 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	6.63	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0530	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00870	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.64	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0550	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0673	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	1.54	mg/l		0.3	UKAS	SX	38
Potassium	1.17	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162415 Sampled on: 16-Jan-19 @ 08:10  
 Comments: pingzestone 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	<7.32	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	7.32	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0206	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	1.85	mg/l		0.3	UKAS	SX	38
Potassium	1.09	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162416 Sampled on: 16-Jan-19 @ 08:20  
 Comments: pingzestone 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	6.67	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0370	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0510	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0135	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.68	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0380	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0502	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.43	mg/l		3	UKAS	SX	869
Zinc	5.23	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	1.86	mg/l		0.3	UKAS	SX	38
Potassium	1.30	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162417 Sampled on: 16-Jan-19 @ 08:45  
 Comments: warnford in mr  
 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	<9.20	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0190	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	9.20	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	1.80	mg/l		0.3	UKAS	SX	38
Potassium	0.982	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162418 Sampled on: 16-Jan-19 @ 08:50  
 Comments: warnford out mr  
 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	9.26	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	0.00610	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.27	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0380	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0496	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.18	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	1.82	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: 004295599 Sampled on: 16-Jan-19 @ 07:30  
 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	<9.56	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0140	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	9.56	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	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	2.13	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: 004295600 Sampled on: 16-Jan-19 @ 07:40  
 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	9.69	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	0.00950	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.70	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0359	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.27	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	2.19	mg/l		0.3	UKAS	SX	38
Potassium	1.67	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295601 Sampled on: 16-Jan-19 @ 08:05  
 Comments: doddeney's 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	<9.13	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	9.13	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	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	2.53	mg/l		0.3	UKAS	SX	38
Potassium	1.29	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295602 Sampled on: 16-Jan-19 @ 08:15  
 Comments: doddeney's 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	9.80	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0410	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0400	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00760	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.81	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0450	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0504	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.73	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	62.8	ug/l	QB	30	UKAS	SX	38
Magnesium	2.43	mg/l		0.3	UKAS	SX	38
Potassium	1.55	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295603 Sampled on: 16-Jan-19 @ 08:30  
 Comments: hollybury 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	<11.9	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	11.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0190	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	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	2.39	mg/l		0.3	UKAS	SX	38
Potassium	1.26	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295604 Sampled on: 16-Jan-19 @ 08:15  
 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	11.0	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	0.00960	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0160	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0210	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	2.42	mg/l		0.3	UKAS	SX	38
Potassium	1.33	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295605 Sampled on: 16-Jan-19 @ 08:35  
 Comments: manon 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	9.65	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	0.00710	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	0.0420	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.111	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	24.6	mg/l		3	UKAS	SX	869
Zinc	10.2	ug/l	QB	5	UKAS	SX	34
Iron	376	ug/l		30	UKAS	SX	38
Magnesium	2.47	mg/l		0.3	UKAS	SX	38
Potassium	1.57	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295606 Sampled on: 16-Jan-19 @ 08:45  
 Comments: manon 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	<9.29	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	9.29	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	QB	5	UKAS	SX	34
Iron	<30	ug/l	QB	30	UKAS	SX	38
Magnesium	2.59	mg/l		0.3	UKAS	SX	38
Potassium	2.52	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295612 Sampled on: 16-Jan-19 @ 06:30  
 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	<6.66	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	6.66	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	QB	30	UKAS	SX	38
Magnesium	1.65	mg/l		0.3	UKAS	SX	38
Potassium	0.884	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004295613 Sampled on: 16-Jan-19 @ 07:00  
 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	7.70	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0440	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0320	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0187	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.72	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0460	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0501	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	QB	30	UKAS	SX	38
Magnesium	1.75	mg/l		0.3	UKAS	SX	38
Potassium	1.22	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20128526

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.

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:	21-Feb-2019
Analysis Started on:	21-Feb-2019
Analysis Completed on:	04-Mar-2019
Results for Batch Number	20129377
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



**Lawrence Green**  
Customer Services Team Manager

Tel: 0800 092 0786  
[nls@environment-agency.gov.uk](mailto: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: 004162419 Sampled on: 20-Feb-19 @ 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	<10.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0140	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.1	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0150	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.14	mg/l		0.3	UKAS	SX	38
Potassium	1.58	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162420 Sampled on: 20-Feb-19 @ 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	9.75	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.00510	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.76	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.0254	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.70	mg/l	DD	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	1.50	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162421 Sampled on: 20-Feb-19 @ 07:45  
 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	<9.71	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.71	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	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	1.30	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162422 Sampled on: 20-Feb-19 @ 07:55  
 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	<9.00	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0150	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0310	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.00	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0200	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.194	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	21.8	mg/l	DD	3	UKAS	SX	869
Zinc	778	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	1.52	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162423 Sampled on: 20-Feb-19 @ 08:10  
 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	11.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0100	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0380	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.00690	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.7	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	8.40	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	114	ug/l		30	UKAS	SX	38
Magnesium	2.44	mg/l		0.3	UKAS	SX	38
Potassium	2.07	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162424 Sampled on: 20-Feb-19 @ 08:15  
 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	<12.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0170	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12.5	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0160	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.37	mg/l		0.3	UKAS	SX	38
Potassium	1.29	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162425 Sampled on: 20-Feb-19 @ 08:35  
 Comments: MANON 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	<11.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0200	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11.1	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.0216	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.52	mg/l		0.3	UKAS	SX	38
Potassium	2.51	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162426 Sampled on: 20-Feb-19 @ 08:55  
 Comments: MANON 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	<8.57	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0100	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.00400	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.57	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.42	mg/l		0.3	UKAS	SX	38
Potassium	1.36	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162427 Sampled on: 20-Feb-19 @ 06:30  
 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	<7.91	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	7.91	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	1.63	mg/l		0.3	UKAS	SX	38
Potassium	0.869	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162428 Sampled on: 20-Feb-19 @ 06:40  
 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	7.75	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	0.00570	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	0.0150	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0208	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	1.73	mg/l		0.3	UKAS	SX	38
Potassium	0.715	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162429 Sampled on: 20-Feb-19 @ 07:00  
 Comments: ST MARY BOURNE IN D BLOCK  
 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	<7.10	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	7.10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0222	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	0.953	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162430 Sampled on: 20-Feb-19 @ 07:10  
 Comments: ST MARY BOURNE OUT D BLOCK  
 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	8.60	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.558	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.369	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00830	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.61	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.569	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.600	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	1.66	mg/l		0.3	UKAS	SX	38
Potassium	3.05	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162431 Sampled on: 20-Feb-19 @ 07:20  
 Comments: ST MARY BOURNE IN E BLOCK  
 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	6.88	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0410	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00600	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.89	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0290	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0372	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.20	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	44.8	ug/l		30	UKAS	SX	38
Magnesium	1.67	mg/l		0.3	UKAS	SX	38
Potassium	1.59	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162432 Sampled on: 20-Feb-19 @ 07:30  
 Comments: ST MARY BOURNE OUT E BLOCK  
 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	8.49	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.440	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.350	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00790	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.50	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.464	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.488	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	1.67	mg/l		0.3	UKAS	SX	38
Potassium	2.93	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162433 Sampled on: 20-Feb-19 @ 07:40  
 Comments: ST MARY BOURNE 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	<7.27	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0490	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	7.27	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0340	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0377	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.10	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.49	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: 004162434 Sampled on: 20-Feb-19 @ 08:15  
 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	<7.63	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	7.63	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0200	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0210	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	1.84	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: 004162435 Sampled on: 20-Feb-19 @ 08:25  
 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	6.78	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0310	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0420	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00640	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.79	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0290	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0443	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.55	mg/l		3	UKAS	SX	869
Zinc	5.07	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.86	mg/l		0.3	UKAS	SX	38
Potassium	1.11	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162436 Sampled on: 20-Feb-19 @ 08:40  
 Comments: WARDFORD IN WR  
 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	0.0170	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	2.04	mg/l		0.3	UKAS	SX	38
Potassium	0.835	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162437 Sampled on: 20-Feb-19 @ 08:50  
 Comments: WARDFORD OUT WR  
 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	<7.50	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	7.50	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0321	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	1.98	mg/l		0.3	UKAS	SX	38
Potassium	0.784	mg/l		0.1	UKAS	SX	38



Method Description Summary for all samples in batch Number 20129377

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 Nutrients - determined colorimetrically by autoanalyser
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.

Key to Results Flags:

DD Laboratory unable to verify storage conditions prior to receipt it is possible that results may be compromised

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 24 samples described below.

Samples Registered on:	28-Mar-2019
Analysis Started on:	28-Mar-2019
Analysis Completed on:	09-Apr-2019
Results for Batch Number	20130285
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



**Lawrence Green**  
Customer Services Team Manager

Tel: 0800 092 0786  
[nls@environment-agency.gov.uk](mailto: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: 004162438 Sampled on: 27-Mar-19 @ 07:05  
 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	9.32	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0410	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00940	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.33	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0460	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0596	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	9.05	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	104	ug/l		30	UKAS	SX	38
Magnesium	2.55	mg/l		0.3	UKAS	SX	38
Potassium	1.49	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162439 Sampled on: 27-Mar-19 @ 07:15  
 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	<11.4	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	11.4	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	2.80	mg/l		0.3	UKAS	SX	38
Potassium	1.91	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162440 Sampled on: 27-Mar-19 @ 07:30  
 Comments: docklings 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	<9.35	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	9.35	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	2.68	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: 004162441 Sampled on: 27-Mar-19 @ 07:40  
 Comments: docklings 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	<9.03	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0180	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	9.03	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0190	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0221	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	2.47	mg/l		0.3	UKAS	SX	38
Potassium	1.65	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162442 Sampled on: 27-Mar-19 @ 08:00  
 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	<11.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0150	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	11.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0209	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.80	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	0.829	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162443 Sampled on: 27-Mar-19 @ 08:10  
 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	<11.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0330	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	11.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0300	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0586	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.85	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	30.8	ug/l		30	UKAS	SX	38
Magnesium	2.54	mg/l		0.3	UKAS	SX	38
Potassium	1.17	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162444 Sampled on: 27-Mar-19 @ 08:45  
 Comments: spetisbuny 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	0.0370	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	0.434	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.445	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	2.28	mg/l		0.3	UKAS	SX	38
Potassium	1.59	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162445 Sampled on: 27-Mar-19 @ 08:50  
 Comments: spetisbuny 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	<0.0100	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	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	3.50	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	2.06	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162446 Sampled on: 27-Mar-19 @ 05:45  
 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	<7.93	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	7.93	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	1.70	mg/l		0.3	UKAS	SX	38
Potassium	0.867	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162447 Sampled on: 27-Mar-19 @ 06:00  
 Comments: abbots 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	7.81	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.135	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00720	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.82	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.148	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.189	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.00	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.96	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: 004162448 Sampled on: 27-Mar-19 @ 06:40  
 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	<6.80	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	6.80	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0229	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	1.90	mg/l		0.3	UKAS	SX	38
Potassium	1.04	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162449 Sampled on: 27-Mar-19 @ 06:50  
 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	6.51	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	0.00600	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.52	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0557	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	11.6	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	49.2	ug/l		30	UKAS	SX	38
Magnesium	1.88	mg/l		0.3	UKAS	SX	38
Potassium	0.900	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162450 Sampled on: 27-Mar-19 @ 07:10  
 Comments: warnford in mr  
 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	<9.46	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	9.46	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	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	1.88	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: 004162451 Sampled on: 27-Mar-19 @ 07:25  
 Comments: warnford out mr  
 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	8.74	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	0.00510	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.75	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0276	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	10.9	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.76	mg/l		0.3	UKAS	SX	38
Potassium	0.659	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162452 Sampled on: 27-Mar-19 @ 08:00  
 Comments: st marybourne b 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	6.92	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0610	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0123	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.93	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0613	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.55	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	65.2	ug/l		30	UKAS	SX	38
Magnesium	1.88	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: 004162453 Sampled on: 27-Mar-19 @ 08:10  
 Comments: st marybourne b 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	6.01	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	0.00910	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.02	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0540	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	11.2	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	42.6	ug/l		30	UKAS	SX	38
Magnesium	1.62	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: 004162454 Sampled on: 27-Mar-19 @ 08:20  
 Comments: st marynourne 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	<7.04	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0300	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	7.04	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0310	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0267	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	1.55	mg/l		0.3	UKAS	SX	38
Potassium	0.927	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162455 Sampled on: 27-Mar-19 @ 08:30  
 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	6.92	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.480	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.853	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00880	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.93	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.464	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.610	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	12.6	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.02	mg/l		0.3	UKAS	SX	38
Potassium	8.28	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162456 Sampled on: 27-Mar-19 @ 08:40  
 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	6.98	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0660	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0127	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.99	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0270	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0551	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	9.70	mg/l		3	UKAS	SX	869
Zinc	5.07	ug/l		5	UKAS	SX	34
Iron	83.4	ug/l		30	UKAS	SX	38
Magnesium	1.94	mg/l		0.3	UKAS	SX	38
Potassium	1.96	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162457 Sampled on: 27-Mar-19 @ 08:50  
 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	5.45	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	0.00580	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.46	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0301	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	8.10	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	1.13	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162458 Sampled on: 27-Mar-19 @ 09:00  
 Comments: st marybourne r 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	<7.07	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0370	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	7.07	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0370	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0349	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	1.22	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162459 Sampled on: 27-Mar-19 @ 09:10  
 Comments: st marybourne r 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	4.52	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	0.0125	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.53	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0318	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	1.37	mg/l		0.3	UKAS	SX	38
Potassium	1.07	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162460 Sampled on: 27-Mar-19 @ 09:20  
 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	<6.67	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0300	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	6.67	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0310	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0307	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	0.899	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162461 Sampled on: 27-Mar-19 @ 09:30  
 Comments: st marybourne east 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	5.89	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.127	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.180	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00970	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.90	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.123	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.151	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.75	mg/l		3	UKAS	SX	869
Zinc	5.84	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.76	mg/l		0.3	UKAS	SX	38
Potassium	4.21	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20130285

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 Nutrients - determined colorimetrically by autoanalyser
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 24 samples described below.

Samples Registered on:	25-Apr-2019
Analysis Started on:	26-Apr-2019
Analysis Completed on:	08-May-2019
Results for Batch Number	20130859
Your Purchase Order Number:	B10076737

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



**Lawrence Green**  
Customer Services Team Manager

Tel: 0800 092 0786  
[nls@environment-agency.gov.uk](mailto: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: 004162462 Sampled on: 24-Apr-19 @ 07:05  
 Comments: SPETISBURY INLET  
 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	<10.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	mg/l	QB	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	10.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	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	2.16	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: 004162463 Sampled on: 24-Apr-19 @ 07:15  
 Comments: SPETISBURY OUTLET  
 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	9.20	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00790	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.21	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.128	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	18.2	mg/l		3	UKAS	SX	869
Zinc	7.09	ug/l		5	UKAS	SX	34
Iron	281	ug/l		30	UKAS	SX	38
Magnesium	2.21	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: 004162464 Sampled on: 24-Apr-19 @ 07:35  
 Comments: HOLLYBUSH INLET  
 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	0.0150	mg/l	QB	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	0.0140	mg/l	QB	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	2.83	mg/l		0.3	UKAS	SX	38
Potassium	0.892	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162465 Sampled on: 24-Apr-19 @ 07:45  
 Comments: HOLLYBUSH OUTLET  
 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	4.95	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0380	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0250	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.97	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	<0.0200	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.45	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.28	mg/l		0.3	UKAS	SX	38
Potassium	<0.1	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162466 Sampled on: 24-Apr-19 @ 07:50  
 Comments: DODDINGS INLET  
 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	<9.01	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	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	9.01	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	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	2.50	mg/l		0.3	UKAS	SX	38
Potassium	1.23	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162467 Sampled on: 24-Apr-19 @ 08:00  
 Comments: DODDINGS OUTLET  
 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	0.0140	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00700	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	0.0140	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0272	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	2.54	mg/l		0.3	UKAS	SX	38
Potassium	0.895	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162468 Sampled on: 24-Apr-19 @ 08:20  
 Comments: MANOR INLET  
 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	<0.0100	mg/l	QB	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	<0.0100	mg/l	QB	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	2.58	mg/l		0.3	UKAS	SX	38
Potassium	2.52	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162469 Sampled on: 24-Apr-19 @ 08:35  
 Comments: MANOR OUTLET  
 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	9.25	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0250	mg/l	QB	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	9.27	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0349	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.90	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	1.45	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162470 Sampled on: 24-Apr-19 @ 06:00  
 Comments: ABBOTTS ANN INLET  
 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	<7.84	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	7.84	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	1.55	mg/l		0.3	UKAS	SX	38
Potassium	0.860	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162471 Sampled on: 24-Apr-19 @ 06:10  
 Comments: ABBOTTS ANN OUTLET  
 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	4.75	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0220	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.112	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0472	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.80	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.197	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	35.0	mg/l		3	UKAS	SX	869
Zinc	6.21	ug/l		5	UKAS	SX	34
Iron	307	ug/l		30	UKAS	SX	38
Magnesium	1.78	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: 004162472 Sampled on: 24-Apr-19 @ 06:30  
 Comments: ST MARYBOURNE INLET B BLOCK  
 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	7.06	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0490	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00800	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.07	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0507	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.85	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	37.5	ug/l		30	UKAS	SX	38
Magnesium	1.68	mg/l		0.3	UKAS	SX	38
Potassium	1.68	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162473 Sampled on: 24-Apr-19 @ 06:40  
 Comments: ST MARYBOURNE OUTLET B BLOCK  
 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	5.56	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0100	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0213	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.58	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0239	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	17.2	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.47	mg/l		0.3	UKAS	SX	38
Potassium	0.786	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162474 Sampled on: 24-Apr-19 @ 06:50  
 Comments: ST MARYBOURNE INLET D BLOCK  
 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	<6.85	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0230	mg/l	QB	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	6.85	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0224	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	1.44	mg/l		0.3	UKAS	SX	38
Potassium	0.921	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162475 Sampled on: 24-Apr-19 @ 07:00  
 Comments: ST MARYBOURNE OUTLET D BLOCK  
 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	5.26	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.110	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.470	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0355	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.30	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.154	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.207	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.85	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.01	mg/l		0.3	UKAS	SX	38
Potassium	32.7	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162476 Sampled on: 24-Apr-19 @ 07:10  
 Comments: ST MARYBOURNE INLET E BLOCK  
 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	7.03	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0460	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00600	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.04	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0270	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0584	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.70	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	39.9	ug/l		30	UKAS	SX	38
Magnesium	1.75	mg/l		0.3	UKAS	SX	38
Potassium	1.69	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162477 Sampled on: 24-Apr-19 @ 07:20  
 Comments: ST MARYBOURNE OUTLET E BLOCK  
 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	4.55	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0130	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00830	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.56	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0252	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.45	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	0.742	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162478 Sampled on: 24-Apr-19 @ 07:30  
 Comments: ST MARYBOURNE INLET R BLOCK  
 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	<6.94	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0330	mg/l	QB	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	6.94	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0320	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0346	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	1.16	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162479 Sampled on: 24-Apr-19 @ 07:35  
 Comments: ST MARYBOURNE OUTLET R BLOCK  
 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	4.76	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00500	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.76	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	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	1.40	mg/l		0.3	UKAS	SX	38
Potassium	0.102	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162480 Sampled on: 24-Apr-19 @ 07:40  
 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	<6.49	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0250	mg/l	QB	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	6.49	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0220	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0268	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	1.50	mg/l		0.3	UKAS	SX	38
Potassium	0.905	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162481 Sampled on: 24-Apr-19 @ 07:50  
 Comments: ST MARYBOURNE VIADUCT  
 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	4.83	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0210	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00660	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.84	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0140	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0626	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.60	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	0.818	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162482 Sampled on: 24-Apr-19 @ 08:20  
 Comments: PINGLESTONE INLET  
 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	0.0190	mg/l	QB	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	7.16	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0150	mg/l	QB	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	1.84	mg/l		0.3	UKAS	SX	38
Potassium	1.09	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162483 Sampled on: 24-Apr-19 @ 08:30  
 Comments: PINGLESTONE OUTLET  
 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	6.30	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0110	mg/l	QB	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.00690	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.31	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	0.01	UKAS	SX	25
Phosphate : Total as P	0.0212	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.55	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	0.852	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162485 Sampled on: 24-Apr-19 @ 08:45  
 Comments: WARNFORD INLET WR  
 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	<8.04	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l	QB	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	8.04	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0150	mg/l	QB	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	2.13	mg/l		0.3	UKAS	SX	38
Potassium	0.753	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162486 Sampled on: 24-Apr-19 @ 08:50  
 Comments: WARNFORD OUTLET WR  
 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	<6.59	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.0100	mg/l	QB	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	6.59	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.0100	mg/l	QB	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	1.96	mg/l		0.3	UKAS	SX	38
Potassium	0.222	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20130859

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 Nutrients - determined colorimetrically by autoanalyser
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.

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 24 samples described below.

Samples Registered on:	30-May-2019
Analysis Started on:	30-May-2019
Analysis Completed on:	17-Jun-2019
Results for Batch Number	20131482
Your Purchase Order Number:	B10076737

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



**Lawrence Green**  
Customer Services Team Manager

Tel: 0800 092 0786  
[nls@environment-agency.gov.uk](mailto: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: 004162487 Sampled on: 29-May-19 @ 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	<10.2	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	10.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0130	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	2.15	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: 004162488 Sampled on: 29-May-19 @ 07:15  
 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	6.63	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0160	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0400	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0759	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	0.0140	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0559	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	2.06	mg/l		0.3	UKAS	SX	38
Potassium	<0.1	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162489 Sampled on: 29-May-19 @ 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	<9.33	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	9.33	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	27.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.35	mg/l		0.3	UKAS	SX	38
Potassium	0.550	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162490 Sampled on: 29-May-19 @ 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	5.93	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0140	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0300	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.96	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0240	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0345	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.63	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.53	mg/l		0.3	UKAS	SX	38
Potassium	1.04	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162491 Sampled on: 29-May-19 @ 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	10.7	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	0.0162	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10.7	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	2.54	mg/l		0.3	UKAS	SX	38
Potassium	1.28	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162492 Sampled on: 29-May-19 @ 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	<11.6	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	11.6	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	11.8	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.68	mg/l		0.3	UKAS	SX	38
Potassium	0.664	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162493 Sampled on: 29-May-19 @ 08:20  
 Comments: MANON 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	9.52	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0250	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0310	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0218	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.54	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0230	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0329	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.55	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	45.5	ug/l		30	UKAS	SX	38
Magnesium	2.44	mg/l		0.3	UKAS	SX	38
Potassium	1.20	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162494 Sampled on: 29-May-19 @ 08:40  
 Comments: MANON 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	<9.47	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	9.47	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	1.51	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162495 Sampled on: 29-May-19 @ 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	<7.65	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	7.65	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	31.7	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.58	mg/l		0.3	UKAS	SX	38
Potassium	0.853	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162496 Sampled on: 29-May-19 @ 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	5.85	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0760	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0360	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0452	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.90	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0810	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.110	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	1.92	mg/l		0.3	UKAS	SX	38
Potassium	1.37	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162497 Sampled on: 29-May-19 @ 06:30  
 Comments: ST MARYBOURNE B 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	<7.13	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	7.13	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0210	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	30.5	ug/l		30	UKAS	SX	38
Magnesium	1.58	mg/l		0.3	UKAS	SX	38
Potassium	1.04	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162498 Sampled on: 29-May-19 @ 06:35  
 Comments: ST MARYBOURNE B 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	5.05	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0390	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0330	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0156	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.07	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0370	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0528	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	45.8	ug/l		30	UKAS	SX	38
Magnesium	1.60	mg/l		0.3	UKAS	SX	38
Potassium	0.585	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162499 Sampled on: 29-May-19 @ 06:40  
 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	<7.09	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	7.09	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0286	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	0.957	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162500 Sampled on: 29-May-19 @ 06:45  
 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	6.10	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0240	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0550	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.112	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.21	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0350	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	1.55	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: 004162502 Sampled on: 29-May-19 @ 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	6.95	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	0.00540	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.96	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0380	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0600	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.53	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	55.7	ug/l		30	UKAS	SX	38
Magnesium	1.60	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: 004162504 Sampled on: 29-May-19 @ 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	5.37	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0300	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0143	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.38	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0260	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0859	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.33	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	73.4	ug/l		30	UKAS	SX	38
Magnesium	1.56	mg/l		0.3	UKAS	SX	38
Potassium	0.746	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162505 Sampled on: 29-May-19 @ 07:10  
 Comments: ST MARYBOURNE R 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	<6.92	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0380	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	6.92	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0330	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0372	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	1.55	mg/l		0.3	UKAS	SX	38
Potassium	1.23	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162506 Sampled on: 29-May-19 @ 07:15  
 Comments: ST MARYBOURNE R 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	6.49	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.655	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.700	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0323	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.52	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.656	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.696	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	11.0	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162507 Sampled on: 29-May-19 @ 07:20  
 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	6.78	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	0.00590	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.79	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0250	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0329	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	1.55	mg/l		0.3	UKAS	SX	38
Potassium	0.837	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162508 Sampled on: 29-May-19 @ 07:30  
 Comments: ST MARYBOURNE VIADUCT  
 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	5.33	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0310	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0300	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0205	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.35	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0290	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0679	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.18	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	30.2	ug/l		30	UKAS	SX	38
Magnesium	1.57	mg/l		0.3	UKAS	SX	38
Potassium	0.794	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162509 Sampled on: 29-May-19 @ 08:10  
 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	<7.63	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0180	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	7.63	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	1.87	mg/l		0.3	UKAS	SX	38
Potassium	1.12	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162510 Sampled on: 29-May-19 @ 08:15  
 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	6.07	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0210	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.0360	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0146	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.08	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0180	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.0298	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.83	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	0.678	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162511 Sampled on: 29-May-19 @ 08:30  
 Comments: WARNFORD IN WR  
 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	<7.70	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.0180	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	7.70	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	6.43	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.10	mg/l		0.3	UKAS	SX	38
Potassium	0.802	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis  
 Quote Description: Surface water analysis  
 Folder No: 004162512 Sampled on: 29-May-19 @ 08:40  
 Comments: WARNFORD 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	6.27	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	0.0186	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.29	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	1.98	mg/l		0.3	UKAS	SX	38
Potassium	0.812	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20131482

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 Nutrients - determined colorimetrically by autoanalyser
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 24 samples described below.

Samples Registered on:	27-Jun-2019
Analysis Started on:	27-Jun-2019
Analysis Completed on:	09-Jul-2019
Results for Batch Number	20132035
Your Purchase Order Number:	B10076737

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



**Lawrence Green**  
Customer Services Team Manager

Tel: 0800 092 0786  
[nls@environment-agency.gov.uk](mailto: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: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406775 Sampled on: 26-Jun-19 @ 07:00  
 Comments: Manor In  
 Quote No: 15773 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	<9.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.6	mg/l		0.3	UKAS	SX	38
Potassium	2.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406777 Sampled on: 26-Jun-19 @ 07:15  
 Comments: Manor Out  
 Quote No: 15773 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	5.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.035	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.024	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.028	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.9	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.3	mg/l		0.3	UKAS	SX	38
Potassium	0.34	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406778 Sampled on: 26-Jun-19 @ 07:35  
 Comments: Hollybush In  
 Quote No: 15773 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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.4	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406779 Sampled on: 26-Jun-19 @ 07:45  
 Comments: Hollybush Out  
 Quote No: 15773 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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.033	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.3	mg/l		0.3	UKAS	SX	38
Potassium	0.65	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406780 Sampled on: 26-Jun-19 @ 08:05  
 Comments: Doddenys In  
 Quote No: 15773 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	<9.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406781 Sampled on: 26-Jun-19 @ 08:15  
 Comments: Doddenys Out  
 Quote No: 15773 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	9.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.14	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.092	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.013	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.14	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.17	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.5	mg/l		0.3	UKAS	SX	38
Potassium	2.0	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406782 Sampled on: 26-Jun-19 @ 08:45  
 Comments: Spetisbury In  
 Quote No: 15773 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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	3.2	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	3.4	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	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406783 Sampled on: 26-Jun-19 @ 08:50  
 Comments: Spetisbury Out  
 Quote No: 15773 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	6.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.045	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.052	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.045	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.1	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	46	ug/l		30	UKAS	SX	38
Magnesium	1.4	mg/l		0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406784 Sampled on: 26-Jun-19 @ 06:00  
 Comments: Abbots Ann In  
 Quote No: 15773 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	<7.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.011	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.85	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406785 Sampled on: 26-Jun-19 @ 06:10  
 Comments: Abbots Ann Out  
 Quote No: 15773 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	5.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.082	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.33	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.51	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.16	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.25	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.54	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406786 Sampled on: 26-Jun-19 @ 06:30  
 Comments: St Marybourne In B  
 Quote No: 15773 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	<6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.046	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.021	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.089	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	33	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.91	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406787 Sampled on: 26-Jun-19 @ 06:40  
 Comments: St Marybourne Out B  
 Quote No: 15773 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	5.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.054	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.078	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.11	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.060	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.13	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.0	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	31	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406788 Sampled on: 26-Jun-19 @ 06:50  
 Comments: St Marybourne In D  
 Quote No: 15773 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	<6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.027	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.029	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.94	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406789 Sampled on: 26-Jun-19 @ 07:00  
 Comments: St Marybourne Out D  
 Quote No: 15773 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	5.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.095	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.038	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.027	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.095	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.13	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.69	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406790 Sampled on: 26-Jun-19 @ 07:10  
 Comments: St Marybourne In E  
 Quote No: 15773 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	7.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.041	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0053	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.042	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.054	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	8.4	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	57	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406791 Sampled on: 26-Jun-19 @ 07:20  
 Comments: St Mary bourne Out E  
 Quote No: 15773 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	5.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.048	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.046	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.041	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.048	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.059	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.84	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406792 Sampled on: 26-Jun-19 @ 07:30  
 Comments: St Marybourne In R  
 Quote No: 15773 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	6.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.036	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.65	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.32	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.13	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.18	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406793 Sampled on: 26-Jun-19 @ 07:40  
 Comments: St Marybourne Out R  
 Quote No: 15773 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	<6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.057	mg/l	DC	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.034	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.036	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	6.2	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.8	mg/l		0.3	UKAS	SX	38
Potassium	5.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406794 Sampled on: 26-Jun-19 @ 07:50  
 Comments: St Marybourne River In  
 Quote No: 15773 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	6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.028	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0044	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.047	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	15	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	67	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.83	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406795 Sampled on: 26-Jun-19 @ 08:00  
 Comments: St Marybourne River Out  
 Quote No: 15773 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	5.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.12	mg/l	DC	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.037	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.032	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.059	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.076	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.75	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406796 Sampled on: 26-Jun-19 @ 08:30  
 Comments: Pinglestone In  
 Quote No: 15773 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	<7.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.018	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406797 Sampled on: 26-Jun-19 @ 08:40  
 Comments: Pinglestone Out  
 Quote No: 15773 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	6.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.022	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.061	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.042	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.023	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.034	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406798 Sampled on: 26-Jun-19 @ 09:00  
 Comments: Warnford In WR  
 Quote No: 15773 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	<7.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.017	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.1	mg/l		0.3	UKAS	SX	38
Potassium	0.81	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004406799 Sampled on: 26-Jun-19 @ 09:10  
 Comments: Warnford Out WR  
 Quote No: 15773 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	5.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.041	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.038	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.0	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.0	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38



Method Description Summary for all samples in batch Number 20132035

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 Nutrients - determined colorimetrically by autoanalyser
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.

Key to Results Flags:

DC Analysis started outside of specified stability time. It is possible that the results may be compromised.

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 24 samples described below.

Samples Registered on:	01-Aug-2019
Analysis Started on:	01-Aug-2019
Analysis Completed on:	13-Aug-2019
Results for Batch Number	20132818
Your Purchase Order Number:	B10076737

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](mailto: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: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429251

Sampled on: 31-Jul-19 @ 07:00

Comments: Hollybush IW

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.011	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.014	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.4	mg/l		0.3	UKAS	SX	38
Potassium	0.81	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429252

Sampled on: 31-Jul-19 @ 07:10

Comments: Hollybush OUT

Quote No: 15773

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	9.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.029	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.024	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.033	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.2	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429253

Sampled on: 31-Jul-19 @ 08:55

Comments: warnford IN WR

Quote No: 15773

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	<7.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.019	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.019	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.2	mg/l		0.3	UKAS	SX	38
Potassium	0.77	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429254

Sampled on: 31-Jul-19 @ 07:20

Comments: Daliling IN

Quote No: 15773

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	<8.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.4	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429255

Sampled on: 31-Jul-19 @ 07:35

Comments: Daliling OUT

Quote No: 15773

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	9.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.023	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0083	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	37	ug/l		30	UKAS	SX	38
Magnesium	2.4	mg/l		0.3	UKAS	SX	38
Potassium	2.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429256

Sampled on: 31-Jul-19 @ 07:50

Comments: Mawon OUT

Quote No: 15773

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	8.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.023	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.037	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.046	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.023	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	39	ug/l		30	UKAS	SX	38
Magnesium	2.4	mg/l		0.3	UKAS	SX	38
Potassium	2.6	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429257

Sampled on: 31-Jul-19 @ 08:05

Comments: Mawon IN

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.015	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.8	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429258

Sampled on: 31-Jul-19 @ 08:20

Comments: Spetisbury IN

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.9	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.1	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429259

Sampled on: 31-Jul-19 @ 09:00

Comments: Warnford OUT WR

Quote No: 15773

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	5.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.011	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0071	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	0.40	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429260

Sampled on: 31-Jul-19 @ 08:30

Comments: Spetisbury OUT

Quote No: 15773

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	6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.068	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.070	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.051	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	2.1	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429261

Sampled on: 31-Jul-19 @ 06:00

Comments: Abbotts Ann IN

Quote No: 15773

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	<9.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.016	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429262

Sampled on: 31-Jul-19 @ 06:10

Comments: Abbotts Ann OUT

Quote No: 15773

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	5.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.041	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.13	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.053	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.040	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.085	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.0	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	36	ug/l		30	UKAS	SX	38
Magnesium	1.7	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429263

Sampled on: 31-Jul-19 @ 06:30

Comments: ST Marybourne B IN

Quote No: 15773

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	<7.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.013	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.022	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.021	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429264

Sampled on: 31-Jul-19 @ 06:40

Comments: ST Marybourne B OUT

Quote No: 15773

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	5.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.041	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.031	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.019	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.041	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.080	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.9	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.75	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429265

Sampled on: 31-Jul-19 @ 06:50

Comments: ST Marybourne D IN

Quote No: 15773

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	<6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.028	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.028	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.96	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429266

Sampled on: 31-Jul-19 @ 07:00

Comments: ST Marybourne D OUT

Quote No: 15773

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	5.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.012	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.077	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.14	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.014	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.034	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429267

Sampled on: 31-Jul-19 @ 07:10

Comments: ST Marybourne E IN

Quote No: 15773

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	6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.030	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.011	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.031	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.1	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	33	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429268

Sampled on: 31-Jul-19 @ 07:20

Comments: ST Marybourne E OUT

Quote No: 15773

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	4.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.048	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.032	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.020	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.036	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.044	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429269

Sampled on: 31-Jul-19 @ 07:30

Comments: ST Marybourne R IN

Quote No: 15773

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	<6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.040	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.039	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.039	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DC	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429270

Sampled on: 31-Jul-19 @ 07:40

Comments: ST Marybourne R OUT

Quote No: 15773

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	5.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.034	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.059	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.051	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.048	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.085	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.4	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.4	mg/l		0.3	UKAS	SX	38
Potassium	0.46	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429271

Sampled on: 31-Jul-19 @ 07:45

Comments: ST Marybourne River IN

Quote No: 15773

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	6.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.033	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0055	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.032	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.037	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429272

Sampled on: 31-Jul-19 @ 07:50

Comments: ST Marybourne River viaduct

Quote No: 15773

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	5.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.047	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.072	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.094	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.045	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.075	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	16	ug/l		5	UKAS	SX	34
Iron	49	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429273

Sampled on: 31-Jul-19 @ 08:25

Comments: Pinglestone IN

Quote No: 15773

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	<7.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.018	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004429274

Sampled on: 31-Jul-19 @ 08:35

Comments: Pinglestone OUT

Quote No: 15773

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	6.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.024	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.052	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.026	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.027	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.037	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.1	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20132818

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 Nutrients - determined colorimetrically by autoanalyser
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:

DC Analysis started outside of specified stability time. It is possible that the results may be compromised.

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 and 6 months for Asbestos 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 24 samples described below.

Samples Registered on:	22-Aug-2019
Analysis Started on:	23-Aug-2019
Analysis Completed on:	29-Aug-2019
Results for Batch Number	20133353
Your Purchase Order Number:	B10076737

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](mailto: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: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449726

Sampled on: 21-Aug-19 @ 07:30

Comments: Doddings in

Quote No: 15773

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	<9.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449727

Sampled on: 21-Aug-19 @ 07:35

Comments: Dodding out

Quote No: 15773

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	9.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.016	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449728

Sampled on: 21-Aug-19 @ 07:50

Comments: Hollybush out

Quote No: 15773

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	8.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.011	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.043	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.2	mg/l		0.3	UKAS	SX	38
Potassium	0.91	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449729

Sampled on: 21-Aug-19 @ 07:55

Comments: Hollybush in

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.021	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.027	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.9	mg/l		0.3	UKAS	SX	38
Potassium	0.87	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449730

Sampled on: 21-Aug-19 @ 08:05

Comments: Manor out

Quote No: 15773

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	8.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.018	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449731

Sampled on: 21-Aug-19 @ 08:10

Comments: Manor in

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.031	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.014	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.6	mg/l		0.3	UKAS	SX	38
Potassium	2.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449732

Sampled on: 21-Aug-19 @ 09:30

Comments: Spetisbury in

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.013	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.015	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449733

Sampled on: 21-Aug-19 @ 08:35

Comments: Spetisbury out

Quote No: 15773

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	8.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.038	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.045	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.049	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.085	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	10	mg/l		3	UKAS	SX	869
Zinc	36	ug/l		5	UKAS	SX	34
Iron	1300	ug/l		30	UKAS	SX	38
Magnesium	2.4	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004449734 Sampled on: 21-Aug-19 @ 06:00  
 Comments: Abbotts Ann in  
 Quote No: 15773 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	<9.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.012	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	0.96	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449735

Sampled on: 21-Aug-19 @ 06:10

Comments: Abbotts Ann out

Quote No: 15773

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	7.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.061	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.014	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.062	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.14	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	15	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	80	ug/l		30	UKAS	SX	38
Magnesium	1.9	mg/l		0.3	UKAS	SX	38
Potassium	0.37	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449736

Sampled on: 21-Aug-19 @ 06:30

Comments: St Marybourne b in

Quote No: 15773

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	7.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.035	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0055	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.035	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.042	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.9	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	80	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449737

Sampled on: 21-Aug-19 @ 06:40

Comments: St Marybourne b out

Quote No: 15773

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	5.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.016	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.015	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.018	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.20	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	18	mg/l		3	UKAS	SX	869
Zinc	7.2	ug/l		5	UKAS	SX	34
Iron	100	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.50	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449738

Sampled on: 21-Aug-19 @ 06:45

Comments: St Marybourne d in

Quote No: 15773

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	<7.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.030	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.028	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.029	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.93	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449739

Sampled on: 21-Aug-19 @ 06:50

Comments: St Marybourne d out

Quote No: 15773

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	5.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.020	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.048	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.056	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.035	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.040	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.36	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004449740 Sampled on: 21-Aug-19 @ 07:00  
 Comments: St Marybourne E in  
 Quote No: 15773 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	6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.030	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0079	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.034	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.037	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	35	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449741

Sampled on: 21-Aug-19 @ 07:10

Comments: St Marybourne Eout

Quote No: 15773

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	5.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.037	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.018	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.036	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.19	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	20	mg/l		3	UKAS	SX	869
Zinc	5.7	ug/l		5	UKAS	SX	34
Iron	91	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.69	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449742

Sampled on: 21-Aug-19 @ 07:20

Comments: St Marybourne r in

Quote No: 15773

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	<6.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.041	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.042	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.043	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449743

Sampled on: 21-Aug-19 @ 07:30

Comments: St Marybourne r out

Quote No: 15773

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	4.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.036	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.060	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.038	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.048	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.39	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004449744 Sampled on: 21-Aug-19 @ 07:35  
 Comments: St Marybourne river in  
 Quote No: 15773 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	6.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.033	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0058	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.031	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.042	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	49	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.90	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004449745 Sampled on: 21-Aug-19 @ 07:40  
 Comments: St Marybourne river viaduct  
 Quote No: 15773 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	5.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.036	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.036	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.019	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.038	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.13	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	8.4	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	56	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.78	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449746

Sampled on: 21-Aug-19 @ 08:15

Comments: Pinglestone in

Quote No: 15773

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	<7.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.022	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.024	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.022	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004449747 Sampled on: 21-Aug-19 @ 08:20  
 Comments: Pinglestone out  
 Quote No: 15773 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	6.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.023	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.040	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.013	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.023	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.029	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	5.1	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.9	mg/l		0.3	UKAS	SX	38
Potassium	0.87	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449748

Sampled on: 21-Aug-19 @ 08:40

Comments: Warnford in wr

Quote No: 15773

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	<7.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.017	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.018	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.1	mg/l		0.3	UKAS	SX	38
Potassium	0.79	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449749

Sampled on: 21-Aug-19 @ 08:45

Comments: Warnford out wr

Quote No: 15773

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	<6.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.7	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.0	mg/l		0.3	UKAS	SX	38
Potassium	0.55	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20133353

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 Nutrients - determined colorimetrically by autoanalyser
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 and 6 months for Asbestos 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 23 samples described below.

Samples Registered on:	12-Sep-2019
Analysis Started on:	13-Sep-2019
Analysis Completed on:	26-Sep-2019
Results for Batch Number	20133927
Your Purchase Order Number:	B10076737

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](mailto: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: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455771 Sampled on: 11-Sep-19 @ 07:30  
 Comments: Spetisbury IN  
 Quote No: 15773 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	<9.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.012	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455773 Sampled on: 11-Sep-19 @ 07:35  
 Comments: Spetisbury OUT  
 Quote No: 15773 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	7.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.067	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.1	mg/l		0.3	UKAS	SX	38
Potassium	0.46	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455774 Sampled on: 11-Sep-19 @ 07:50  
 Comments: Hollybush Out  
 Quote No: 15773 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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.013	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.4	mg/l		0.3	UKAS	SX	38
Potassium	0.60	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455775 Sampled on: 11-Sep-19 @ 07:55  
 Comments: Hollybush IN  
 Quote No: 15773 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	<13	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	13	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.012	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	0.97	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455776 Sampled on: 11-Sep-19 @ 08:10  
 Comments: Doddenys IN  
 Quote No: 15773 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	<7.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455777 Sampled on: 11-Sep-19 @ 08:15  
 Comments: Doddenys OUT  
 Quote No: 15773 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	<8.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455778 Sampled on: 11-Sep-19 @ 09:00  
 Comments: Manon OUT  
 Quote No: 15773 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	8.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.024	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.8	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455779 Sampled on: 11-Sep-19 @ 09:10  
 Comments: Manon IN  
 Quote No: 15773 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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.020	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.020	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.6	mg/l		0.3	UKAS	SX	38
Potassium	2.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455780 Sampled on: 11-Sep-19 @ 06:00  
 Comments: Abbotts ann IN  
 Quote No: 15773 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	<8.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.011	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.7	mg/l		0.3	UKAS	SX	38
Potassium	0.90	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455781 Sampled on: 11-Sep-19 @ 06:10  
 Comments: Abbotts ann OUT  
 Quote No: 15773 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	7.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.013	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.027	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.014	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	0.67	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455782 Sampled on: 11-Sep-19 @ 06:30  
 Comments: ST marybourne B IN  
 Quote No: 15773 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	<6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.019	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.89	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455783 Sampled on: 11-Sep-19 @ 06:40  
 Comments: ST marybourne B OUT  
 Quote No: 15773 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	6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.92	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	1.2	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.017	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.95	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.97	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	4.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455784 Sampled on: 11-Sep-19 @ 06:50  
 Comments: ST marybourne D IN  
 Quote No: 15773 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	<6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.024	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.024	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.94	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455785 Sampled on: 11-Sep-19 @ 07:00  
 Comments: ST marybourne D OUT  
 Quote No: 15773 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	6.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.028	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.29	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455786 Sampled on: 11-Sep-19 @ 07:10  
 Comments: ST marybourne E IN  
 Quote No: 15773 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	6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.034	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.013	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.032	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.033	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	61	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455787 Sampled on: 11-Sep-19 @ 07:20  
 Comments: ST marybourne E OUT  
 Quote No: 15773 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	5.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.037	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.019	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.035	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.039	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.7	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	45	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.92	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455788 Sampled on: 11-Sep-19 @ 07:30  
 Comments: ST marybourne R IN  
 Quote No: 15773 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	<6.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.039	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.037	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.034	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455789 Sampled on: 11-Sep-19 @ 07:35  
 Comments: ST marybourne R OUT  
 Quote No: 15773 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	4.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.019	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.036	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.092	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	4.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.017	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.024	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.48	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455790 Sampled on: 11-Sep-19 @ 07:40  
 Comments: ST marybourne river viaduct  
 Quote No: 15773 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	5.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.050	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.032	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.025	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.051	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.054	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	49	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455791 Sampled on: 11-Sep-19 @ 08:20  
 Comments: Pinglestone IN  
 Quote No: 15773 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	<6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.024	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.023	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.021	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455792 Sampled on: 11-Sep-19 @ 08:30  
 Comments: pinglestone OUT  
 Quote No: 15773 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	6.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.022	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.057	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.022	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.022	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.026	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455793 Sampled on: 11-Sep-19 @ 08:40  
 Comments: Warnford IN MR  
 Quote No: 15773 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	<8.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.019	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.019	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004455794 Sampled on: 11-Sep-19 @ 08:45  
 Comments: Warnford OUT MR  
 Quote No: 15773 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	8.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.013	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.8	mg/l		0.3	UKAS	SX	38
Potassium	0.79	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20133927

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 Nutrients - determined colorimetrically by autoanalyser
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.

Key to Results Flags:

DC Analysis started outside of specified stability time. It is possible that the results may be compromised.

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 and 6 months for Asbestos 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 23 samples described below.

Samples Registered on:	10-Oct-2019
Analysis Started on:	10-Oct-2019
Analysis Completed on:	17-Oct-2019
Results for Batch Number	20134600
Your Purchase Order Number:	B100767317

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](mailto: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: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474954

Sampled on: 9-Oct-19 @ 06:55

Comments: SPETISBURY IN

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.3	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474955

Sampled on: 9-Oct-19 @ 07:05

Comments: SPETISBURY OUT

Quote No: 15773

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	9.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.015	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474956

Sampled on: 9-Oct-19 @ 07:30

Comments: DODDINGS IN

Quote No: 15773

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	<9.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474957

Sampled on: 9-Oct-19 @ 07:45

Comments: DODDINGS OUT

Quote No: 15773

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	9.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0054	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474958

Sampled on: 9-Oct-19 @ 08:00

Comments: MANOR OUT

Quote No: 15773

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	9.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.016	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.030	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.014	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.025	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.0	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.7	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474959

Sampled on: 9-Oct-19 @ 08:15

Comments: HOLYBUSH IN

Quote No: 15773

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	<13	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	13	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474960

Sampled on: 9-Oct-19 @ 08:20

Comments: HOLBUSH OUT

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.014	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.055	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	52	ug/l		30	UKAS	SX	38
Magnesium	2.7	mg/l		0.3	UKAS	SX	38
Potassium	<0.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474961

Sampled on: 9-Oct-19 @ 08:40

Comments: MANOR IN

Quote No: 15773

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	<9.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.042	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474962

Sampled on: 9-Oct-19 @ 06:00

Comments: ABBOTTS ANN IN

Quote No: 15773

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	<8.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.7	mg/l		0.3	UKAS	SX	38
Potassium	0.88	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474963

Sampled on: 9-Oct-19 @ 06:10

Comments: ABBOTTS ANN OUT

Quote No: 15773

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	6.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.088	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.050	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.3	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.015	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.044	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	42	ug/l		30	UKAS	SX	38
Magnesium	1.8	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474964

Sampled on: 9-Oct-19 @ 06:30

Comments: ST MARYBOURNE B IN

Quote No: 15773

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	6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.049	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.025	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.032	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.057	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	11	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	150	ug/l		30	UKAS	SX	38
Magnesium	1.7	mg/l		0.3	UKAS	SX	38
Potassium	1.8	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004474965 Sampled on: 9-Oct-19 @ 06:40  
 Comments: ST MARYBOURNE B OUT  
 Quote No: 15773 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	5.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.026	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.080	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.030	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.041	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.75	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474966

Sampled on: 9-Oct-19 @ 06:50

Comments: ST MARYBOURNE D IN

Quote No: 15773

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	<6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.022	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.020	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.027	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.95	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004474967 Sampled on: 9-Oct-19 @ 07:00  
 Comments: ST MARYBOURNE D OUT  
 Quote No: 15773 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	6.1	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.017	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.019	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.016	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.028	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	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.60	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474968

Sampled on: 9-Oct-19 @ 07:10

Comments: ST MARYBOURNE E IN

Quote No: 15773

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	6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.041	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.011	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.029	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	140	ug/l		30	UKAS	SX	38
Magnesium	1.7	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474969

Sampled on: 9-Oct-19 @ 07:20

Comments: ST MARYBOURNE E OUT

Quote No: 15773

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	5.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.053	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.24	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.065	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.052	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.093	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474970

Sampled on: 9-Oct-19 @ 07:30

Comments: ST MARYBOURNE R IN

Quote No: 15773

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	<6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.036	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.034	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.042	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474971

Sampled on: 9-Oct-19 @ 07:40

Comments: ST MARYBOURNE R OUT

Quote No: 15773

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	5.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.030	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.044	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.078	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.046	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	2.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis  
 Quote Description: Surface Water Analysis  
 Folder No: 004474972 Sampled on: 9-Oct-19 @ 07:50  
 Comments: ST MARYBOURNE VIADUCT  
 Quote No: 15773 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	5.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.036	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.059	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.035	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.034	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.053	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.75	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474973

Sampled on: 9-Oct-19 @ 08:35

Comments: PINGLESTONE IN

Quote No: 15773

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	<7.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.019	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.0	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.021	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.026	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474974

Sampled on: 9-Oct-19 @ 08:45

Comments: PINGLESTONE OUT

Quote No: 15773

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	6.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.020	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.050	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.043	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.020	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.034	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	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474975

Sampled on: 9-Oct-19 @ 09:00

Comments: WARNFORD IN WR

Quote No: 15773

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	<7.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.015	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.019	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.2	mg/l		0.3	UKAS	SX	38
Potassium	0.79	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004474976

Sampled on: 9-Oct-19 @ 09:10

Comments: WARNFORD OUT WR

Quote No: 15773

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	7.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.031	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.016	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.1	mg/l		0.3	UKAS	SX	38
Potassium	0.91	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20134600

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 Nutrients - determined colorimetrically by autoanalyser
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.

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 and 6 months for Asbestos 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 23 samples described below.

Samples Registered on:	21-Nov-2019
Analysis Started on:	22-Nov-2019
Analysis Completed on:	28-Nov-2019
Results for Batch Number	20135593
Your Purchase Order Number:	B10074112

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](mailto: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: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491762

Sampled on: 20-Nov-19 @ 08:35

Comments: Doddings out

Quote No: 15773

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	8.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.038	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.021	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.038	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.043	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	2.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.7	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491763

Sampled on: 20-Nov-19 @ 09:00

Comments: Manon out

Quote No: 15773

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	9.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.047	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0087	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.046	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.053	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.5	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491764

Sampled on: 20-Nov-19 @ 09:15

Comments: Manon in

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.7	mg/l	QB	0.3	UKAS	SX	38
Potassium	2.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491765

Sampled on: 20-Nov-19 @ 06:00

Comments: Abbots Ann in

Quote No: 15773

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	<7.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	0.87	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491766

Sampled on: 20-Nov-19 @ 06:15

Comments: Abbots Ann out

Quote No: 15773

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	7.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.013	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.015	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.027	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	1.8	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491767

Sampled on: 20-Nov-19 @ 06:45

Comments: St Marybourne B in

Quote No: 15773

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	<6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.023	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.018	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.021	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	0.95	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491768

Sampled on: 20-Nov-19 @ 06:55

Comments: St Marybourne B out

Quote No: 15773

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	6.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.036	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.021	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.034	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.041	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491769

Sampled on: 20-Nov-19 @ 07:05

Comments: St Marybourne D in

Quote No: 15773

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	<6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.024	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.023	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.025	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	0.95	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491770

Sampled on: 20-Nov-19 @ 07:15

Comments: St Marybourne D out

Quote No: 15773

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	6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.033	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.011	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.031	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.039	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491771

Sampled on: 20-Nov-19 @ 07:25

Comments: St Marybourne E in

Quote No: 15773

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	6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.026	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.015	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.026	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.035	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.1	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491772

Sampled on: 20-Nov-19 @ 07:40

Comments: St Marybourne E out

Quote No: 15773

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	6.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.039	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.014	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.034	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.095	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491773

Sampled on: 20-Nov-19 @ 07:50

Comments: St Marybourne R in

Quote No: 15773

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	<6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.035	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.036	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.039	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491774

Sampled on: 20-Nov-19 @ 07:55

Comments: St Marybourne R out

Quote No: 15773

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	6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.033	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0065	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.033	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.037	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491775

Sampled on: 20-Nov-19 @ 07:10

Comments: Spetisbury in

Quote No: 15773

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	<9.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.014	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.2	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491776

Sampled on: 20-Nov-19 @ 07:20

Comments: Spetisbury out

Quote No: 15773

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	<9.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.013	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.3	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491777

Sampled on: 20-Nov-19 @ 07:50

Comments: Hollybush in

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.011	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491778

Sampled on: 20-Nov-19 @ 08:00

Comments: Hollybush out

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.015	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.5	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491779

Sampled on: 20-Nov-19 @ 08:20

Comments: Doddings in

Quote No: 15773

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	<9.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491780

Sampled on: 20-Nov-19 @ 08:00

Comments: St Marybourne Viaduct

Quote No: 15773

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	6.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.042	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.013	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.036	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.046	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	1.6	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491781

Sampled on: 20-Nov-19 @ 08:40

Comments: Pinglestone in

Quote No: 15773

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	<6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.024	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.023	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.026	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	1.9	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491782

Sampled on: 20-Nov-19 @ 08:45

Comments: Pinglestone out

Quote No: 15773

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	6.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.026	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.035	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.014	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.025	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.039	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.9	mg/l	QB	0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491783

Sampled on: 20-Nov-19 @ 09:00

Comments: Warnford LL in

Quote No: 15773

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	<5.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.017	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.015	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.0	mg/l	QB	0.3	UKAS	SX	38
Potassium	0.84	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004491784

Sampled on: 20-Nov-19 @ 09:10

Comments: Warnford LL out

Quote No: 15773

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	<5.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.7	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	2.1	mg/l	QB	0.3	UKAS	SX	38
Potassium	0.84	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20135593

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 Nutrients - determined colorimetrically by autoanalyser
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 and 6 months for Asbestos 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 24 samples described below.

Samples Registered on:	12-Dec-2019
Analysis Started on:	13-Dec-2019
Analysis Completed on:	30-Dec-2019
Results for Batch Number	20136000
Your Purchase Order Number:	BIO O76737

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](mailto: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: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494938

Sampled on: 11-Dec-19 @ 07:20

Comments: SPETISBURY IN

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.014	mg/l	DC, DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494940

Sampled on: 11-Dec-19 @ 07:30

Comments: SPETISBURY OUT

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.016	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.0045	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.015	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.0	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.3	mg/l		0.3	UKAS	SX	38
Potassium	2.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494941

Sampled on: 11-Dec-19 @ 07:55

Comments: HOLLYBUSH IN

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.012	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	10	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.6	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494942

Sampled on: 11-Dec-19 @ 08:00

Comments: HOLLYBUSH OUT

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.013	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.011	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	1.9	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494943

Sampled on: 11-Dec-19 @ 08:35

Comments: DODDINGS IN

Quote No: 15773

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	<9.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.5	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494944

Sampled on: 11-Dec-19 @ 08:45

Comments: DODDINGS OUT

Quote No: 15773

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	<9.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.0	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.6	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494945

Sampled on: 11-Dec-19 @ 08:55

Comments: MANON IN

Quote No: 15773

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	mg/l			None	NLS	864
Orthophosphate, Filtered as P	<0.010	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	11	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.7	mg/l		0.3	UKAS	SX	38
Potassium	2.1	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494946

Sampled on: 11-Dec-19 @ 09:10

Comments: MANON OUT

Quote No: 15773

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	9.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.049	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.011	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	9.3	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.048	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.065	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.8	mg/l	DD	3	UKAS	SX	869
Zinc	5.1	ug/l		5	UKAS	SX	34
Iron	87	ug/l		30	UKAS	SX	38
Magnesium	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.7	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494947

Sampled on: 11-Dec-19 @ 06:30

Comments: ABBOTTS ANN IN

Quote No: 15773

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	<7.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.010	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.9	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.010	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.7	mg/l		0.3	UKAS	SX	38
Potassium	0.86	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494948

Sampled on: 11-Dec-19 @ 06:40

Comments: ABBOTTS ANN OUT

Quote No: 15773

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	8.3	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.019	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.016	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.3	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.016	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.8	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494949

Sampled on: 11-Dec-19 @ 07:00

Comments: ST MARYBOURNE B IN

Quote No: 15773

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	<6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.017	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.89	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494950

Sampled on: 11-Dec-19 @ 07:10

Comments: ST MARYBOURNE B OUT

Quote No: 15773

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	6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.045	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.021	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.043	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.052	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	13	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494951

Sampled on: 11-Dec-19 @ 07:20

Comments: ST MARYBOURNE D IN

Quote No: 15773

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	<6.8	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.021	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.8	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.024	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	0.93	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494952

Sampled on: 11-Dec-19 @ 07:30

Comments: ST MARYBOURNE D OUT

Quote No: 15773

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	6.7	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.030	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.012	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.7	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.031	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.039	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.0	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494953

Sampled on: 11-Dec-19 @ 07:40

Comments: ST MARYBOURNE E IN

Quote No: 15773

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	<6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.026	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.025	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.024	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.9	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494954

Sampled on: 11-Dec-19 @ 07:50

Comments: ST MARYBOURNE E OUT

Quote No: 15773

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	6.6	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.044	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.014	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.6	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.044	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.051	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494955

Sampled on: 11-Dec-19 @ 08:00

Comments: ST MARYBOURNE R IN

Quote No: 15773

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	<6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.032	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.032	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.033	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	NoResult	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.5	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494956

Sampled on: 11-Dec-19 @ 08:10

Comments: ST MARYBOURNE R OUT

Quote No: 15773

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	6.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.066	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.0081	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.9	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.064	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.074	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494957

Sampled on: 11-Dec-19 @ 08:20

Comments: ST MARYBOURNE RIVER

Quote No: 15773

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	<7.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.033	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.0	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.032	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.036	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.5	mg/l		0.3	UKAS	SX	38
Potassium	0.97	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494958

Sampled on: 11-Dec-19 @ 08:30

Comments: ST MARYBOURNE VIADUCT

Quote No: 15773

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	6.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.040	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.011	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	6.5	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.038	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.050	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	7.9	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494959

Sampled on: 11-Dec-19 @ 09:00

Comments: PINGLESTONE IN

Quote No: 15773

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	<7.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.017	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.4	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.018	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494960

Sampled on: 11-Dec-19 @ 09:10

Comments: PINGLESTONE OUT

Quote No: 15773

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	7.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.033	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.057	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.018	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.0	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.032	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	0.058	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	8.1	mg/l	DD	3	UKAS	SX	869
Zinc	5.9	ug/l		5	UKAS	SX	34
Iron	68	ug/l		30	UKAS	SX	38
Magnesium	1.9	mg/l		0.3	UKAS	SX	38
Potassium	1.3	mg/l		0.1	UKAS	SX	38

Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494961

Sampled on: 11-Dec-19 @ 09:25

Comments: WARNFORD IN WR

Quote No: 15773

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	<7.5	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.016	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	<0.0040	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.5	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.015	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.2	mg/l		0.3	UKAS	SX	38
Potassium	0.81	mg/l		0.1	UKAS	SX	38



Client: Vitacress Salads Ltd.

Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004494962

Sampled on: 11-Dec-19 @ 09:30

Comments: WARNFORD OUT WR

Quote No: 15773

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	7.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.018	mg/l	DD	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.060	mg/l	DD	0.03	UKAS	SX	25
Nitrite as N	0.016	mg/l	DD	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	7.9	mg/l	DD	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.017	mg/l	DD	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l	DD	0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.4	mg/l	DD	3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.1	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38

Method Description Summary for all samples in batch Number 20136000

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 Nutrients - determined colorimetrically by autoanalyser
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.

Key to Results Flags:

DC Analysis started outside of specified stability time. It is possible that the results may be compromised.

DD Laboratory unable to verify storage conditions prior to receipt it is possible that results may be compromised

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 and 6 months for Asbestos 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