

Final Report

Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

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

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.





Final Report

Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.81 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0260 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.81 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0260 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0248 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.52 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.959 mg/l **UKAS** SX 38



Potassium

Analytical Report

Final Report

Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

0.911

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.54 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0340 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00900 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.55 mg/l Orthophosphate, reactive as P 0.0460 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0379 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.52 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

UKAS

SX

38



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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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



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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.63 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0530 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00870 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.64 mg/l Orthophosphate, reactive as P 0.0550 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0673 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l QB 5 SX Zinc <5 **UKAS** 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.54 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.17 mg/l **UKAS** SX 38

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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

<30

1.85

1.09

Quote Description: Surface water analysis

Folder No: 004162415 Sampled on: 16-Jan-19 @ 08:10

Comments: pingzestone in

Iron

Magnesium

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.32 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0200 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.32 mg/l Orthophosphate, reactive as P 0.0220 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0206 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l QB 5 SX Zinc <5 **UKAS** 34 ug/l

ug/l

mg/l

mg/l

QB

30

0.3

0.1

UKAS

UKAS

UKAS

SX

SX

SX

38

38

38





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Batch description: Water samples



0.1

UKAS

SX

38

Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.30

Quote Description: Surface water analysis

Folder No: 004162416 Sampled on: 16-Jan-19 @ 08:20

Comments: pingzestone out

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.67 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0370 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0510 25 mg/l 0.004 Nitrite as N 0.0135 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.68 mg/l Orthophosphate, reactive as P 0.0380 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0502 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 4.43 mg/l QB 5 SX Zinc 5.23 **UKAS** 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.86 0.3 **UKAS** SX 38 mg/l

mg/l

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Batch description: Water samples



Reported on: 24-Jan-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.20 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0190 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.20 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0230 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l QB 5 SX Zinc <5 **UKAS** 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.80 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.982 mg/l **UKAS** SX 38





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Batch description: Water samples



0.1

UKAS

SX

38

Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.05

Quote Description: Surface water analysis

Folder No: 004162418 Sampled on: 16-Jan-19 @ 08:50

Comments: warnford out mr

Potassium

Quote No: 15002	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	Lab ID Testcode				
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			

mg/l

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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

> Quote Description: Surface water analysis

Folder No: 004295599 Sampled on: 16-Jan-19 @ 07:30

Comments: spetisbury in

Quote No: 15002		Mat	rix: Surfac	e Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode					
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					
Potassium	1.61	mg/I		0.1	UKAS	SX	38					

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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

1.67

Quote Description: Surface water analysis

004295600 Sampled on: 16-Jan-19 @ 07:40 Folder No:

Comments: spetisbury out

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 9.69 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0200 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00950 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 9.70 mg/l Orthophosphate, reactive as P 0.0230 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0359 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 6.27 mg/l QB 5 UKAS SX Zinc <5 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.19 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

UKAS

SX

38



Final Report

Report ID - 20128526 - 1

Batch description: Water samples



0.1

UKAS

SX

38

Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.29

Quote Description: Surface water analysis

Folder No: 004295601 Sampled on: 16-Jan-19 @ 08:05

Comments: doddeneys in

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.13 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 9.13 mg/l Orthophosphate, reactive as P 0.0100 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l QB 5 UKAS SX Zinc <5 34 ug/l QB <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.53 0.3 **UKAS** SX 38 mg/l

mg/l

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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.55

Quote Description: Surface water analysis

Folder No: 004295602 Sampled on: 16-Jan-19 @ 08:15

Comments: doddeneys out

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 9.80 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0410 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0400 25 mg/l 0.004 Nitrite as N 0.00760 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 9.81 mg/l Orthophosphate, reactive as P 0.0450 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0504 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 5.73 mg/l QB 5 SX Zinc <5 **UKAS** 34 ug/l QB 62.8 30 **UKAS** SX 38 Iron ug/l Magnesium 2.43 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

UKAS

SX

38



Final Report

Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.26

Quote Description: Surface water analysis

Folder No: 004295603 Sampled on: 16-Jan-19 @ 08:30

Comments: hollybury in

Potassium

Quote No: 15002	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
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			

mg/l



0.1

UKAS

SX

38



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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

> **Quote Description:** Surface water analysis

Folder No: 004295604 Sampled on: 16-Jan-19 @ 08:15

Comments: hollybush out

Quote No: 15002 Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 11.0 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0160 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00960 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 11.0 mg/l Orthophosphate, reactive as P 0.0160 0.01 **UKAS** SX 25 mg/l

Matrix:

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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

Quote Description: Surface water analysis

Folder No: 004295605 Sampled on: 16-Jan-19 @ 08:35

Comments: manon out

Quote No: 15002		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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





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Report ID - 20128526 - 1

Batch description: Water samples



Reported on: 24-Jan-2019

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

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>Tes</u>	tcode	
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	



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Batch description: Water samples



Reported on: 24-Jan-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

> **Quote Description:** Surface water analysis

Folder No: 004295612 Sampled on: 16-Jan-19 @ 06:30

Comments: abbotts ann in

15002

Quote No:

Analyte Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.66 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.66 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0120 0.01 **UKAS** SX 25 mg/l

Matrix:

Surface Water





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Reported on: 24-Jan-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

> Quote Description: Surface water analysis

Folder No: 004295613 Sampled on: 16-Jan-19 @ 07:00

Comments: abbotts ann out

Quote No: 15002		Mat	Matrix: Surface Water						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode		
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		





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Batch description: Water samples



Reported on: 24-Jan-2019

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
- 35 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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

21-Feb-2019
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2

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

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.





Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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		Mati	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	MRV Accred		Lab ID Testcode	
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

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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		Mat	rix: Surfac	e Water			
<u>Analyte</u> Nitrate as N	<u>Result</u> 9.75	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 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

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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		Mat	rix: Surfac	e Water	None NLS UKAS SX		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode	
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

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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		Matr	rix: Surface	Water			
Analyte Nitrate as N	<u>Result</u> <9.00	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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





Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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								
Analyte Nitrate as N	<u>Result</u> 11.7	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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		





Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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		Mat	rix: Surface	e Water							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode					
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				



Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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>	Lab ID Testcode		
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	





Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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> Nitrate as N	<u>Result</u> <8.57	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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			

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.91 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.91 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0110 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.63 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.869 mg/l **UKAS** SX 38

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 7.75 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0160 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00570 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.76 mg/l Orthophosphate, reactive as P 0.0150 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0208 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.73 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.715 mg/l **UKAS** SX 38



Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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	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 Tes</u>	tcode		
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		



Analytical Report

Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

Surface water analysis Quote Description:

004162430 Sampled on: 20-Feb-19 @ 07:10 Folder No:

Comments: ST MARY BOURNE OUT D BLOCK

Quote No: 15002	Matrix: Surface Water							
<u>Analyte</u> Nitrate as N	<u>Result</u> 8.60	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 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	

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.88 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0410 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00600 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.89 mg/l Orthophosphate, reactive as P 0.0290 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0372 **UKAS** mg/l Solids, Suspended at 105 C 4.20 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 44.8 30 **UKAS** SX 38 Iron ug/l Magnesium 1.67 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.59 mg/l **UKAS** SX 38





Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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>	Lab ID Testcode		
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	

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Analytical Report

Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

Surface water analysis Quote Description:

004162433 Sampled on: 20-Feb-19 @ 07:40 Folder No:

Comments: ST MARY BOURNE RIVER

Quote No: 15002	Matrix: Surface Water							
<u>Analyte</u> Nitrate as N	<u>Result</u> <7.27	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 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	





Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.63 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0210 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.63 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0200 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0210 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.84 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.10 mg/l **UKAS** SX 38

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Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.78 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0310 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0420 25 mg/l 0.004 Nitrite as N 0.00640 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.79 mg/l Orthophosphate, reactive as P 0.0290 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0443 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 6.55 mg/l 5 SX Zinc 5.07 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.86 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.11 mg/l **UKAS** SX 38





Potassium

Analytical Report

Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

0.835

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.48 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0200 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.48 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0170 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.04 0.3 **UKAS** SX 38 mg/l

mg/l

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0.1

UKAS

SX



Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.50 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0230 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.50 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0220 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0321 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.98 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.784 mg/l **UKAS** SX 38



Final Report

Report ID - 20129377 - 1

Batch description: Water samples



Reported on: 04-Mar-2019

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
- 35 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 X Relative Standard Deviation + 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 X %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

Page 21 of 21



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

28-Mar-2019
28-Mar-2019
29-Apr-2019
20130285
20130285

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

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.



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

1.49

Quote Description: Surface water analysis

Folder No: 004162438 Sampled on: 27-Mar-19 @ 07:05

Comments: Manor out

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 9.32 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0410 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00940 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 9.33 mg/l Orthophosphate, reactive as P 0.0460 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0596 **UKAS** mg/l Solids, Suspended at 105 C 9.05 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 104 30 **UKAS** SX 38 Iron ug/l Magnesium 2.55 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

Page 2 of 26

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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>	Lab ID_Tes	stcode			
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			

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Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Client: Vitacress Salads Ltd.

Project: 15002 Surface water analysis

0.1

UKAS

SX

38

Quote Description: Surface water analysis

Sampled on: 27-Mar-19 @ 07:30

Folder No: 004162440 Comments: docklings in

Potassium

Quote No: 15002		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
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	ma/l		0.3	UKAS	SX	38

mg/l

1.34





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.65

Quote Description: Surface water analysis

Folder No: 004162441 Sampled on: 27-Mar-19 @ 07:40

Comments: docklings out

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.03 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0180 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.03 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0190 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0221 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.47 0.3 **UKAS** SX 38 mg/l

mg/l

Page 5 of 26

0.1

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

0.829

Quote Description: Surface water analysis

004162442 Sampled on: 27-Mar-19 @ 08:00 Folder No:

Comments: hollybush in

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <11.2 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0150 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 11.2 mg/l Orthophosphate, reactive as P 0.0170 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0209 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 3.80 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.56 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

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UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

> 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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

> **Quote Description:** Surface water analysis

004162444 Sampled on: 27-Mar-19 @ 08:45 Folder No:

Comments: spetisbuny in

15002

Quote No:

Analyte Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <10.1 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.0370 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 10.1 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.434 0.01 **UKAS** SX 25 mg/l

Matrix:

Surface Water





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

> **Quote Description:** Surface water analysis

004162445 Sampled on: 27-Mar-19 @ 08:50 Folder No:

Comments: spetisbuny out

15002

Quote No:

Analyte Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 10.5 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00710 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 10.5 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l

Matrix:

Surface Water





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. Client: 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

Analyte Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 7.81 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.135 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00720 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.82 mg/l Orthophosphate, reactive as P 0.148 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.189 **UKAS** mg/l

Matrix:

Surface Water





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.04

Quote Description: Surface water analysis

Folder No: 004162448 Sampled on: 27-Mar-19 @ 06:40

Comments: pinglestone in

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.80 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0230 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.80 mg/l Orthophosphate, reactive as P 0.0250 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0229 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.90 0.3 **UKAS** SX 38 mg/l

mg/l

0.1

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

0.900

Quote Description: Surface water analysis

Folder No: 004162449 Sampled on: 27-Mar-19 @ 06:50

Comments: pinglestone out

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.51 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0210 0.01 SX 237 mg/l UKAS SX Ammoniacal Nitrogen as N < 0.0300 0.03 25 mg/l 0.004 Nitrite as N 0.00600 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.52 mg/l Orthophosphate, reactive as P 0.0220 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0557 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 11.6 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 49.2 30 **UKAS** SX 38 Iron ug/l Magnesium 1.88 0.3 **UKAS** SX 38 mg/l

mg/l

0.1

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.46 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0200 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.46 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0240 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.88 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.977 mg/l **UKAS** SX 38



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

0.659

Quote Description: Surface water analysis

Folder No: 004162451 Sampled on: 27-Mar-19 @ 07:25

Comments: warnford out mr

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 8.74 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00510 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 8.75 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0276 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 10.9 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.76 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.92 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0610 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 mg/l 25 0.004 Nitrite as N 0.0123 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.93 mg/l Orthophosphate, reactive as P 0.0260 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0613 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 6.55 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 65.2 30 **UKAS** SX 38 Iron ug/l Magnesium 1.88 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.81 mg/l **UKAS** SX 38

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Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.01 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0280 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00910 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.02 mg/l Orthophosphate, reactive as P 0.0240 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0540 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 11.2 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 42.6 30 **UKAS** SX 38 Iron ug/l Magnesium 1.62 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.10 mg/l **UKAS** SX 38



Potassium

Analytical Report

Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

0.927

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.04 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0300 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.04 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0310 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0267 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.55 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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>	Lab ID Tes	stcode			
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			



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.98 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0660 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0127 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.99 mg/l Orthophosphate, reactive as P 0.0270 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0551 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 9.70 mg/l 5 SX Zinc 5.07 **UKAS** 34 ug/l 83.4 30 **UKAS** SX 38 Iron ug/l Magnesium 1.94 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.96 mg/l **UKAS** SX 38



Potassium

Analytical Report

Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

1.13

Quote Description: Surface water analysis

004162457 Sampled on: 27-Mar-19 @ 08:50 Folder No:

Comments: st marybourne e out

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.45 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0120 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00580 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 5.46 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0301 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 8.10 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.71 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

UKAS

SX



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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		Matr	ix: Surface \	Vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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

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Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 4.52 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0240 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0125 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 4.53 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0230 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0318 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.37 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.07 mg/l **UKAS** SX 38





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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>Accred</u>	Lab ID Tes	tcode				
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				





Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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		Matı	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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



Final Report

Report ID - 20130285 - 1

Batch description: water samples



Reported on: 09-Apr-2019

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
- 35 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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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-2019Analysis Started on:26-Apr-2019Analysis Completed on:08-May-2019Results for Batch Number20130859Your 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

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.



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	stcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units Flag MRV Accr</u>		<u>Accred</u>	Lab ID Tes	tcode	
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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

Confinents. FIGEL I DOSTI INCL I							
Quote No: 15002		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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>	Lab ID Tes	tcode			
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			

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surfac	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>			<u>Accred</u>	<u>Lab ID</u> <u>Tes</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



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surfac	e Water			
<u>Analyte</u> Nitrate as N	<u>Result</u> 7.22	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	
		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





Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Matı	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surfac	e Water			
<u>Analyte</u> Nitrate as N	<u>Result</u> 9.25	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 864
Orthophosphate, Filtered as P	0.0250	mg/l 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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.84 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.84 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P <0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.55 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.860 mg/l **UKAS** SX 38



Potassium

Analytical Report

Final Report

Report ID - 20130859 - 1

Batch description: Water samples



0.1

UKAS

SX

38

Reported on: 08-May-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.18

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 4.75 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0220 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.112 25 mg/l 0.004 Nitrite as N 0.0472 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 4.80 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0260 0.01 **UKAS** SX 25 mg/l 0.02 SX 235 Phosphate: Total as P 0.197 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 35.0 mg/l 5 SX Zinc 6.21 **UKAS** 34 ug/l 307 30 **UKAS** SX 38 Iron ug/l Magnesium 1.78 0.3 **UKAS** SX 38 mg/l

mg/l

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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>	Lab ID Tes	stcode			
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			



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Matı	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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





Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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





Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Matri	x: Surface V	Vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u> <u>Flag</u>		<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Matr	rix: Surface	Water			
Analyte Nitrate as N	<u>Result</u> <6.94	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.49 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0250 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.49 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0220 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0268 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.50 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.905 mg/l **UKAS** SX 38



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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



Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.59 None NLS 864 mg/l 0.01 UKAS Orthophosphate, Filtered as P <0.0100 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.59 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P <0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.96 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.222 mg/l **UKAS** SX 38

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Final Report

Report ID - 20130859 - 1

Batch description: Water samples



Reported on: 08-May-2019

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
- 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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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-2019Analysis Started on:30-May-2019Analysis Completed on:17-Jun-2019Results for Batch Number20131482Your 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

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.





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <10.2 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0130 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 10.2 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0130 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P < 0.0200 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.15 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.61 mg/l **UKAS** SX 38



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	e Water			
Analyte Nitrate as N	<u>Result</u> 6.63	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 864
Orthophosphate, Filtered as P	0.0160	mg/l 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

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Matr	ix: Surface \	Vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

Client: Vitacress Salads Ltd. Project: 15002 Surface water analysis

1.28

Quote Description: Surface water analysis

Folder No: 004162491 Sampled on: 29-May-19 @ 08:00

Comments: DODDINGS IN

Potassium

Quote No: 15002 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 10.7 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P <0.0100 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0162 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 10.7 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P <0.0100 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 < 0.0200 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.54 0.3 **UKAS** SX 38 mg/l

mg/l



0.1

UKAS

SX

38



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mati	rix: Surface	Water			
Analyte Nitrate as N	<u>Result</u> <11.6	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

> **Quote Description:** Surface water analysis

004162493 Sampled on: 29-May-19 @ 08:20 Folder No:

Comments: MANON OUT

15002

Quote No:

Analyte Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 9.52 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0250 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0310 25 mg/l 0.004 Nitrite as N 0.0218 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 9.54 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0230 0.01 **UKAS** SX 25 mg/l

Matrix:

Surface Water





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Tes	tcode
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

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.85 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0760 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0360 mg/l 25 0.004 Nitrite as N 0.0452 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 5.90 mg/l Orthophosphate, reactive as P 0.0810 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.110 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.92 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.37 mg/l **UKAS** SX 38

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
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

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.05 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0390 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.0330 mg/l 25 0.004 Nitrite as N 0.0156 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 5.07 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0370 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0528 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 45.8 30 **UKAS** SX 38 Iron ug/l Magnesium 1.60 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.585 mg/l **UKAS** SX 38



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.09 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0270 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.09 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.0250 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0286 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.52 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.957 mg/l **UKAS** SX 38

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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





Potassium

Analytical Report

Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

Vitacress Salads Ltd. Client: Project: 15002 Surface water analysis

1.61

Quote Description: Surface water analysis

Sampled on: 29-May-19 @ 06:50 Folder No: 004162502

Comments: ST MARYBOURNE E IN

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.95 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0420 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00540 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.96 mg/l Orthophosphate, reactive as P 0.0380 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0600 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 5.53 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 55.7 30 **UKAS** SX 38 Iron ug/l Magnesium 1.60 0.3 **UKAS** SX 38 mg/l 0.1

mg/l



UKAS

SX



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.37 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0300 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.0143 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 5.38 mg/l Orthophosphate, reactive as P 0.0260 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.0859 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 6.33 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 73.4 30 **UKAS** SX 38 Iron ug/l Magnesium 1.56 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.746 mg/l **UKAS** SX 38





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.92 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0380 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N < 0.00400 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.92 mg/l Orthophosphate, reactive as P 0.0330 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0372 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.55 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.23 mg/l **UKAS** SX 38



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.49 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.655 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.700 25 mg/l 0.004 Nitrite as N 0.0323 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.52 mg/l Orthophosphate, reactive as P 0.656 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.696 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.20 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 11.0 mg/l **UKAS** SX 38



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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

15002 Quote No: Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.78 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.0240 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.0300 25 mg/l 0.004 Nitrite as N 0.00590 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.79 mg/l Orthophosphate, reactive as P 0.0250 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P 0.02 SX 235 0.0329 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.55 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.837 mg/l **UKAS** SX 38



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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	Quote No: 15002 Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode			
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			



Analytical Report

Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

Vitacress Salads Ltd. 15002 Surface water analysis Client: Project:

Quote Description: Surface water analysis

Folder No: 004162509 Sampled on: 29-May-19 @ 08:10

Comments: PINGLESTONE IN

Quote No: 15002		Mat	rix: Surfac	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	stcode
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





Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
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

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Matr	ix: Surface \	Vater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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

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Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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		Matri	ix: Surface V	Vater			
Analyte Nitrate as N	<u>Result</u> 6.27	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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



Final Report

Report ID - 20131482 - 1

Batch description: Water samples



Reported on: 17-Jun-2019

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 X Relative Standard Deviation + 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 X %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

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Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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-2019Analysis Started on:27-Jun-2019Analysis Completed on:09-Jul-2019Results for Batch Number20132035Your 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

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.



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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

Matrix: Surface Water									
<u>Inits Flag MRV Accred Lab ID Testcode</u>									
None NLS 864									
0.01 UKAS SX 237									
0.03 UKAS SX 25									
0.004 UKAS SX 25									
0.2 UKAS SX 25									
0.01 UKAS SX 25									
0.02 UKAS SX 235									
) 3 UKAS SX 869									
5 UKAS SX 34									
30 UKAS SX 38									
0.3 UKAS SX 38									
0.1 UKAS SX 38									

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Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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>	Lab ID Tes	stcode	
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	





Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u> Nitrate as N	<u>Result</u> <12	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 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



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

0.65

Quote Description: Surface Water Analysis

Folder No: 004406779 Sampled on: 26-Jun-19 @ 07:45

Comments: Hollybush Out

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 10 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P < 0.010 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N 0.033 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 10 mg/l Orthophosphate, reactive as P < 0.010 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P <0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.3 0.3 **UKAS** SX 38 mg/l

mg/l

Page 5 of 26

0.1

UKAS

SX



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <9.2 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P < 0.010 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 9.2 mg/l Orthophosphate, reactive as P < 0.010 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.5 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.3 mg/l **UKAS** SX 38





Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004406781 Sampled on: 26-Jun-19 @ 08:15

2.0

Comments: Doddenys Out

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 9.5 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.14 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.092 25 mg/l 0.004 Nitrite as N 0.013 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 9.5 mg/l Orthophosphate, reactive as P 0.14 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.17 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 5.3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.5 0.3 **UKAS** SX 38 mg/l

mg/l

0.1

UKAS

SX



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Vitacress Salads Ltd. Client: Project: 15773 Surface Water Analysis

1.6

Surface Water Analysis **Quote Description:**

004406782 Sampled on: Folder No: 26-Jun-19 @ 08:45

Comments: Spetisbury In

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <10 None NLS 864 mg/l 0.014 **UKAS** Orthophosphate, Filtered as P 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 10 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 3.2 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 3.4 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 UKAS SX Zinc <5 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.2 0.3 **UKAS** SX 38 mg/l 0.1

mg/l



UKAS

SX



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



0.1

UKAS

SX

38

Reported on: 09-Jul-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

1.0

Quote Description: Surface Water Analysis

Folder No: 004406783 Sampled on: 26-Jun-19 @ 08:50

Comments: Spetisbury Out

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.0 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P < 0.010 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.045 25 mg/l 0.004 Nitrite as N 0.052 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.1 mg/l Orthophosphate, reactive as P 0.010 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.045 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 5.1 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 46 30 **UKAS** SX 38 Iron ug/l Magnesium 1.4 0.3 **UKAS** SX 38 mg/l

mg/l



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

0.85

Surface Water Analysis **Quote Description:**

004406784 Sampled on: Folder No: 26-Jun-19 @ 06:00

Comments: Abbots Ann In

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.6 None NLS 864 mg/l 0.011 UKAS Orthophosphate, Filtered as P 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.6 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.010 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.6 0.3 **UKAS** SX 38 mg/l 0.1

mg/l



UKAS

SX



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

0.54

Quote Description: Surface Water Analysis

Folder No: 004406785 Sampled on: 26-Jun-19 @ 06:10

Comments: Abbots Ann Out

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.5 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.082 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.33 25 mg/l 0.004 Nitrite as N 0.51 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.0 mg/l Orthophosphate, reactive as P 0.16 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.25 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.6 0.3 **UKAS** SX 38 mg/l

mg/l

0.1

UKAS

SX



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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		Mat	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID Tes</u>	tcode
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





Potassium

Analytical Report

Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Vitacress Salads Ltd. Client: Project: 15773 Surface Water Analysis

1.4

Surface Water Analysis **Quote Description:**

004406787 Sampled on: Folder No: 26-Jun-19 @ 06:40

Comments: St Marybourne Out B

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.6 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.054 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.078 25 mg/l 0.004 Nitrite as N 0.11 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 5.7 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.060 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.13 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 5.0 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 31 30 **UKAS** SX 38 Iron ug/l Magnesium 1.6 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

UKAS

SX



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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>	Lab ID Tes	tcode			
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			



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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>	Lab ID Tes	stcode			
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			





Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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		Matri	x: Surface V	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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

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Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.5 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.048 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.046 25 mg/l 0.004 Nitrite as N 0.041 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 5.5 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.048 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.059 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.5 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.84 mg/l **UKAS** SX 38



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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								
Analyte Nitrate as N	<u>Result</u> 6.4					<u>Lab ID_Testcode</u> 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		





Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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>	Lab ID Testcode		
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	



Potassium

Analytical Report

Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



UKAS

SX

38

Reported on: 09-Jul-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

0.83

Surface Water Analysis **Quote Description:**

004406794 Sampled on: Folder No: 26-Jun-19 @ 07:50

Comments: St Marybourne River In

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.6 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.028 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N 0.0044 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.6 mg/l Orthophosphate, reactive as P 0.026 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.047 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 15 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 67 30 **UKAS** SX 38 Iron ug/l Magnesium 1.5 0.3 **UKAS** SX 38 mg/l 0.1

mg/l



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.3 None NLS 864 mg/l DC **UKAS** Orthophosphate, Filtered as P 0.12 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 0.037 25 mg/l 0.004 Nitrite as N 0.032 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 5.3 mg/l Orthophosphate, reactive as P 0.059 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.076 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.6 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.75 mg/l **UKAS** SX 38





Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.5 None NLS 864 mg/l 0.018 UKAS Orthophosphate, Filtered as P 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.5 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.018 0.01 **UKAS** SX 25 mq/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C <3 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.9 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.1 mg/l **UKAS** SX 38



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

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>	Lab ID_Tes	stcode
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



Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

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>Units</u> <u>Flag</u>		<u>Accred</u>	Lab ID Testcode	
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



Analytical Report

Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

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>MRV</u>	<u>Accred</u>	Lab ID Testcode		
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

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Final Report

Report ID - 20132035 - 1

Batch description: Aqueous Samples



Reported on: 09-Jul-2019

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
- 35 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 X Relative Standard Deviation + 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 X %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

Page 26 of 26



Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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-2019Analysis Started on:01-Aug-2019Analysis Completed on:13-Aug-2019Results for Batch Number20132818Your 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

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.

Page 1 of 26



Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

2.4

0.81

Quote Description: Surface Water Analysis

Folder No: 004429251 Sampled on: 31-Jul-19 @ 07:00

Comments: Hollybush IW Quote No: 15773

Magnesium

Potassium

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

mg/l

mg/l

Matrix:

Surface Water

0.3

0.1

UKAS

UKAS

SX

SX

38

38





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

SX

38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

1.4

Quote Description: Surface Water Analysis

Folder No: 004429252 Sampled on: 31-Jul-19 @ 07:10

Comments: Hollybush OUT Quote No: 15773

Potassium

<u>ult</u> <u>Unit</u>	s Flag	MRV	A		
		IVIIXV	<u>Accred</u>	<u>Lab ID_Te</u>	<u>estcode</u>
mg/l			None	NLS	864
)10 mg/l		0.01	UKAS	SX	237
)30 mg/l		0.03	UKAS	SX	25
29 mg/l		0.004	UKAS	SX	25
mg/l		0.2	UKAS	SX	25
24 mg/l		0.01	UKAS	SX	25
33 mg/l		0.02	UKAS	SX	235
mg/l		3	UKAS	SX	869
ug/l		5	UKAS	SX	34
ug/l		30	UKAS	SX	38
mg/l		0.3	UKAS	SX	38
	mg/l 010 mg/l 030 mg/l 29 mg/l mg/l 24 mg/l 33 mg/l ug/l	mg/l 010 mg/l 030 mg/l 29 mg/l mg/l 24 mg/l 33 mg/l ug/l ug/l	mg/l 010 mg/l 0.01 030 mg/l 0.03 029 mg/l 0.004 031 0.22 032 mg/l 0.01 033 mg/l 0.01 034 mg/l 0.01 035 mg/l 0.02 045 mg/l 0.02 05 mg/l 0.02 07 mg/l 0.02 08 mg/l 0.03	mg/l None 010 mg/l 0.01 UKAS 030 mg/l 0.03 UKAS 029 mg/l 0.004 UKAS 030 mg/l 0.004 UKAS 030 mg/l 0.004 UKAS 030 mg/l 0.004 UKAS 031 mg/l 0.01 UKAS 033 mg/l 0.02 UKAS 034 mg/l 3 UKAS 035 UKAS 036 UKAS 037 UKAS	mg/l None NLS 010 mg/l 0.01 UKAS SX 030 mg/l 0.03 UKAS SX 29 mg/l 0.004 UKAS SX mg/l 0.2 UKAS SX 24 mg/l 0.01 UKAS SX 33 mg/l 0.02 UKAS SX mg/l 3 UKAS SX ug/l 5 UKAS SX ug/l 30 UKAS SX

mg/l

Matrix:

Surface Water

0.1

UKAS





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	Accred	Lab ID Testo	ode
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

SX

SX

38

38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

2.4

2.6

Quote Description: Surface Water Analysis

Folder No: 004429255 Sampled on: 31-Jul-19 @ 07:35

Comments: Daliling OUT Quote No: 15773

Magnesium

Potassium

Analyte Result <u>Units</u> Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 9.5 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.023 mg/l **UKAS** Ammoniacal Nitrogen as N 0.03 **UKAS** SX 25 < 0.030 mg/l Nitrite as N 0.0083 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 9.5 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P < 0.010 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P < 0.020 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C 4.3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34 Iron 37 30 **UKAS** SX 38 ug/l

mg/l

mg/l

Matrix:

Surface Water

0.3

0.1

UKAS

UKAS





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

SX

SX

38

38

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

2.4

2.6

Quote Description: Surface Water Analysis

Folder No: 004429256 Sampled on: 31-Jul-19 @ 07:50

Comments: Mawon OUT Quote No: 15773

Magnesium

Potassium

Matrix: Surface Water **Analyte** Result <u>Units</u> Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 8.0 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.023 mg/l **UKAS** Ammoniacal Nitrogen as N 0.037 0.03 **UKAS** SX 25 mg/l Nitrite as N 0.046 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 8.0 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.013 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P 0.023 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34 Iron 39 30 **UKAS** SX 38 ug/l

mg/l

mg/l



0.3

0.1

UKAS

UKAS



Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

Quote No: 15773		Matri	x: Surface W	ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Test	code :
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode	
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	



Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

 Analyte
 Result
 Units
 Flag
 MRV
 Accil

 Nitrate as N
 6.7
 mg/l
 Non

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Test</u>	tcode
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



Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	Accred	Lab ID_Testo	ode
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



Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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		Matr	ix: Surface \	Vater			
<u>Analyte</u>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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		Matı	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode_
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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		Matr	ix: Surface V	/ater			
<u>Analyte</u>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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>	Lab ID Tes	tcode				
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				





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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		Matr	ix: Surface V	/ater			
<u>Analyte</u>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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		Matr	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

Quote Description: Surface Water Analysis

004429273 Sampled on: 31-Jul-19 @ 08:25 Folder No:

Comments: Pinglestone IN Quote No:

Quote No: 15773	Matrix: Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode		
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		





Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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

Analyte Result Units Flag MRV

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
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

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Final Report

Report ID - 20132818 - 1

Batch description: water samples



Reported on: 13-Aug-2019

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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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-2019Analysis Started on:23-Aug-2019Analysis Completed on:29-Aug-2019Results for Batch Number20133353Your 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

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.

Page 1 of 26



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

Quote Description: Surface Water Analysis

Folder No: 004449726 Sampled on: 21-Aug-19 @ 07:30

1.5

Comments: Doddings in Quote No: 15773

Potassium

Quote No: 15773	Matrix: Surface Water										
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode				
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				

mg/l

0.1

UKAS

SX

38

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Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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. 19773	iviatina. Surface water							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	stcode	
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	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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. 19773	Matrix. Surface Water							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode_	
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	





Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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. 10770	Matrix. Surface Water							
<u>Analyte</u>	<u>Result</u> <u>Units</u> <u>Flag</u>			<u>MRV</u>	<u>Accred</u>	Lab ID Testcode		
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	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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		Mat	rix: Surfac	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode_
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



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

2.5

Quote Description: Surface Water Analysis

Folder No: 004449731 Sampled on: 21-Aug-19 @ 08:10

Comments: Manor in Quote No: 15773

Potassium

Quote No: 15773		Matri	ix: Surface W	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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

mg/l

0.1

UKAS

SX

38



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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

Matix. Canado Mater							
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
<10	mg/l			None	NLS	864	
0.013	mg/l		0.01	UKAS	SX	237	
<0.030	mg/l		0.03	UKAS	SX	25	
< 0.0040	mg/l		0.004	UKAS	SX	25	
10	mg/l		0.2	UKAS	SX	25	
0.015	mg/l		0.01	UKAS	SX	25	
<0.020	mg/l		0.02	UKAS	SX	235	
<3	mg/l		3	UKAS	SX	869	
<5	ug/l		5	UKAS	SX	34	
<30	ug/l		30	UKAS	SX	38	
2.2	mg/l		0.3	UKAS	SX	38	
1.6	mg/l		0.1	UKAS	SX	38	
	<10 0.013 <0.030 <0.0040 10 0.015 <0.020 <3 <5 <30 2.2	Result Units <10	Result Units Flag <10	Result Units Flag MRV <10	Result Units Flag MRV Accred <10	Result Units Flag MRV Accred Lab ID Test <10	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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

Matin. Canado Trato								
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode		
8.4	mg/l			None	NLS	864		
0.038	mg/l		0.01	UKAS	SX	237		
0.045	mg/l		0.03	UKAS	SX	25		
0.049	mg/l		0.004	UKAS	SX	25		
8.4	mg/l		0.2	UKAS	SX	25		
<0.010	mg/l		0.01	UKAS	SX	25		
0.085	mg/l		0.02	UKAS	SX	235		
10	mg/l		3	UKAS	SX	869		
36	ug/l		5	UKAS	SX	34		
1300	ug/l		30	UKAS	SX	38		
2.4	mg/l		0.3	UKAS	SX	38		
1.1	mg/l		0.1	UKAS	SX	38		
	8.4 0.038 0.045 0.049 8.4 <0.010 0.085 10 36 1300 2.4	Result Units 8.4 mg/l 0.038 mg/l 0.045 mg/l 0.049 mg/l 8.4 mg/l <0.010	Result Units Flag 8.4 mg/l 0.038 mg/l 0.045 mg/l 0.049 mg/l 8.4 mg/l <0.010	Result Units Flag MRV 8.4 mg/l 0.01 0.045 mg/l 0.03 0.049 mg/l 0.004 8.4 mg/l 0.2 <0.010	Result Units Flag MRV Accred 8.4 mg/l 0.01 UKAS 0.045 mg/l 0.03 UKAS 0.049 mg/l 0.004 UKAS 8.4 mg/l 0.2 UKAS <0.010	Result Units Flag MRV Accred Lab ID Test 8.4 mg/l 0.01 UKAS SX 0.038 mg/l 0.01 UKAS SX 0.045 mg/l 0.03 UKAS SX 0.049 mg/l 0.004 UKAS SX 8.4 mg/l 0.2 UKAS SX <0.010		



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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 IVO. 10110	Wattix. Sanace Water							
Analyte	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	





Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

0.37

Quote Description: Surface Water Analysis

Folder No: 004449735 Sampled on: 21-Aug-19 @ 06:10

Comments: Abbotts Ann out
Ouote No: 15773

Potassium

Quote No: 15773		Matr	rix: Surface	Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

mg/l

0.1

UKAS

SX

38





Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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

Quoto 1101							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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





Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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>Tes</u>	stcode			
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			





Iron

Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

<30

1.5

0.36

Surface Water Analysis **Quote Description:**

004449739 Sampled on: 21-Aug-19 @ 06:50 Folder No:

Comments: St Marybourne d out

Quote No: 15773 Matrix: Surface Water **Analyte Units** Flag <u>MRV</u> Accred Lab ID Testcode Result Nitrate as N 5.2 None NLS 864 mg/l Orthophosphate, Filtered as P 0.020 0.01 **UKAS** SX 237 mg/l 0.03 Ammoniacal Nitrogen as N 0.048 mg/l **UKAS** SX25 0.004 Nitrite as N 0.056 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 5.3 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P 0.035 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.040 0.02 **UKAS** SX 235 mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 Zinc 34 <5 ug/l **UKAS** SX 30 **UKAS** SX 38

ug/l

mg/l

mg/l

0.3

0.1

UKAS

UKAS

SX

SX

38

38





Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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 110. 10110	Wattix. Sande Water							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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		Matri	x: Surface W	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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

Matix. Caraco Hatel							
Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode	
<6.3	mg/l			None	NLS	864	
0.041	mg/l		0.01	UKAS	SX	237	
< 0.030	mg/l		0.03	UKAS	SX	25	
< 0.0040	mg/l		0.004	UKAS	SX	25	
6.3	mg/l		0.2	UKAS	SX	25	
0.042	mg/l		0.01	UKAS	SX	25	
0.043	mg/l		0.02	UKAS	SX	235	
<3	mg/l		3	UKAS	SX	869	
<5	ug/l		5	UKAS	SX	34	
<30	ug/l		30	UKAS	SX	38	
1.5	mg/l		0.3	UKAS	SX	38	
1.2	mg/l		0.1	UKAS	SX	38	
	<6.3 0.041 <0.030 <0.0040 6.3 0.042 0.043 <3 <5 <30 1.5	Result Units <6.3	Result Units Flag <6.3	Result Units Flag MRV <6.3	Result Units Flag MRV Accred <6.3	Result Units Flag MRV Accred Lab ID_Test <6.3	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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 110.	Water. Gurage Water							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	



Potassium

Analytical Report

Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

0.90

Quote Description: Surface Water Analysis

Folder No: 004449744 Sampled on: 21-Aug-19 @ 07:35

Comments: St Marybourne river in

Quote No: 15773		Matr	ix: Surface V	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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

mg/l

0.1

UKAS

SX

38





Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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

Matrix. Caraco Water							
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
5.4	mg/l			None	NLS	864	
0.036	mg/l		0.01	UKAS	SX	237	
0.036	mg/l		0.03	UKAS	SX	25	
0.019	mg/l		0.004	UKAS	SX	25	
5.4	mg/l		0.2	UKAS	SX	25	
0.038	mg/l		0.01	UKAS	SX	25	
0.13	mg/l		0.02	UKAS	SX	235	
8.4	mg/l		3	UKAS	SX	869	
<5	ug/l		5	UKAS	SX	34	
56	ug/l		30	UKAS	SX	38	
1.6	mg/l		0.3	UKAS	SX	38	
0.78	mg/l		0.1	UKAS	SX	38	
	5.4 0.036 0.036 0.019 5.4 0.038 0.13 8.4 <5 56 1.6	Result Units 5.4 mg/l 0.036 mg/l 0.036 mg/l 0.019 mg/l 5.4 mg/l 0.038 mg/l 0.13 mg/l 8.4 mg/l <5	Result Units Flag 5.4 mg/l 0.036 mg/l 0.019 mg/l 5.4 mg/l 0.038 mg/l 0.13 mg/l 8.4 mg/l <5	Result Units Flag MRV 5.4 mg/l 0.01 0.036 mg/l 0.03 0.019 mg/l 0.004 5.4 mg/l 0.2 0.038 mg/l 0.01 0.13 mg/l 0.02 8.4 mg/l 3 <5	Result Units Flag MRV Accred 5.4 mg/l 0.01 UKAS 0.036 mg/l 0.03 UKAS 0.019 mg/l 0.004 UKAS 5.4 mg/l 0.2 UKAS 0.038 mg/l 0.01 UKAS 0.13 mg/l 0.02 UKAS 8.4 mg/l 3 UKAS <5	Result Units Flag MRV Accred Lab ID Test 5.4 mg/l 0.01 UKAS SX 0.036 mg/l 0.03 UKAS SX 0.036 mg/l 0.03 UKAS SX 0.019 mg/l 0.004 UKAS SX 5.4 mg/l 0.2 UKAS SX 0.038 mg/l 0.01 UKAS SX 0.13 mg/l 0.02 UKAS SX 8.4 mg/l 3 UKAS SX <5	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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. 15775	Matrix. Surface Water							
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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

Matin. Carrage Water							
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
6.3	mg/l			None	NLS	864	
0.023	mg/l		0.01	UKAS	SX	237	
0.040	mg/l		0.03	UKAS	SX	25	
0.013	mg/l		0.004	UKAS	SX	25	
6.3	mg/l		0.2	UKAS	SX	25	
0.023	mg/l		0.01	UKAS	SX	25	
0.029	mg/l		0.02	UKAS	SX	235	
<3	mg/l		3	UKAS	SX	869	
5.1	ug/l		5	UKAS	SX	34	
<30	ug/l		30	UKAS	SX	38	
1.9	mg/l		0.3	UKAS	SX	38	
0.87	mg/l		0.1	UKAS	SX	38	
	6.3 0.023 0.040 0.013 6.3 0.023 0.029 <3 5.1 <30 1.9	Result Units 6.3 mg/l 0.023 mg/l 0.040 mg/l 0.013 mg/l 6.3 mg/l 0.023 mg/l 0.029 mg/l <3	Result Units Flag 6.3 mg/l 0.023 mg/l 0.040 mg/l 0.013 mg/l 6.3 mg/l 0.023 mg/l 0.029 mg/l <3	Result Units Flag MRV 6.3 mg/l 0.01 0.023 mg/l 0.01 0.040 mg/l 0.03 0.013 mg/l 0.004 6.3 mg/l 0.2 0.023 mg/l 0.01 0.029 mg/l 0.02 <3	Result Units Flag MRV Accred 6.3 mg/l None None 0.023 mg/l 0.01 UKAS 0.040 mg/l 0.03 UKAS 0.013 mg/l 0.004 UKAS 6.3 mg/l 0.2 UKAS 0.023 mg/l 0.01 UKAS 0.029 mg/l 0.02 UKAS <3	Result Units Flag MRV Accred Lab ID Test 6.3 mg/l 0.01 UKAS SX 0.023 mg/l 0.01 UKAS SX 0.040 mg/l 0.03 UKAS SX 0.013 mg/l 0.004 UKAS SX 6.3 mg/l 0.2 UKAS SX 0.023 mg/l 0.01 UKAS SX 0.029 mg/l 0.02 UKAS SX <3	

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Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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 IVO. 10770	Matrix. Guriace Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode		
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		



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

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>	Lab ID Tes	stcode	
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	



Final Report

Report ID - 20133353 - 1

Batch description: Water samples



Reported on: 29-Aug-2019

Method Description Summary for all samples in batch Number 20133353

- 25 SX I Nutrients determined colorimetrically by CF autoanalyses
- 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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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:

Analysis Started on:

Analysis Completed on:

Results for Batch Number

Your Purchase Order Number:

12-Sep-2019
13-Sep-2019
26-Sep-2019
20133927
20133927

You will be invoiced shortly by our accounts department.

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

Yours sincerely

Vici Bentley

Customer Services Team Manager

Tel: 0800 092 0786

nls@environment-agency.gov.uk

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

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

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



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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									
Analyte Nitrate as N	<u>Result</u> <9.9	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>stcode</u> 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			

Page 2 of 25



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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_Tes</u>	stcode		
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		





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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> Nitrate as N	<u>Result</u> 12			<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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				



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <13 None NLS 864 mg/l 0.014 UKAS Orthophosphate, Filtered as P 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 13 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.012 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C <3 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.5 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 0.97 mg/l **UKAS** SX 38



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <7.8 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P < 0.010 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 7.8 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P < 0.010 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 2.5 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 1.4 mg/l **UKAS** SX 38





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>	Lab ID_Tes	tcode			
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			





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

SX

SX

SX

SX

34

38

38

38

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> Surface Water Analysis **Quote Description:**

Folder No: 004455778 Sampled on: 11-Sep-19 @ 09:00

<5

<30

2.5

1.8

Comments: Manon OUT Quote No: 15773

Zinc

Iron

Magnesium

Potassium

Analyte Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 8.7 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P < 0.010 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N 0.024 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 8.7 mg/l Orthophosphate, reactive as P < 0.010 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3

mg/l

ug/l

ug/l

mg/l

mg/l

Matrix:

Surface Water

5

30

0.3

0.1

UKAS

UKAS

UKAS

UKAS





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>	Lab ID_Tes	stcode			
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			





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode				
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			



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

0.67

Surface Water Analysis **Quote Description:**

Folder No: 004455781 Sampled on: 11-Sep-19 @ 06:10

Comments: Abbotts ann OUT

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 7.2 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.013 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N 0.027 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 7.2 mg/l Orthophosphate, reactive as P 0.014 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 SX 235 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.8 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

Page 11 of 25

UKAS

SX

38



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode				
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			



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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 **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 6.9 None NLS 864 mg/l **UKAS** Orthophosphate, Filtered as P 0.92 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N 25 1.2 mg/l 0.004 Nitrite as N 0.017 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 6.9 mg/l Orthophosphate, reactive as P 0.95 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.97 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.9 0.3 **UKAS** SX 38 mg/l 0.1 Potassium 4.2 mg/l **UKAS** SX 38



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>	Result Units Flag			<u>MRV</u>	Accred	Lab ID Tes					
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				

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Analytical Report

Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

Surface Water Analysis Quote Description:

Folder No: 004455785 Sampled on: 11-Sep-19 @ 07:00

Comments: ST marybourne D OUT

Quote No: 15773		Mat	rix: Surfac	e Water			
<u>Analyte</u> Nitrate as N	<u>Result</u> 6.0	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	stcode 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





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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	x: Surface W	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode	
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



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>	Lab ID Tes	stcode	
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	



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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							
Analyte Nitrate as N	<u>Result</u> <6.4	<u>Units</u> <u>Flag</u> mg/l		<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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	



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
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		



Potassium

Analytical Report

Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> Surface Water Analysis **Quote Description:**

004455790 Sampled on: Folder No: 11-Sep-19 @ 07:40

1.1

Comments: ST marybourne river viaduct

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N 5.7 None NLS 864 mg/l UKAS Orthophosphate, Filtered as P 0.050 0.01 SX 237 mg/l UKAS SX Ammoniacal Nitrogen as N 0.032 0.03 25 mg/l 0.004 Nitrite as N 0.025 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 0.2 UKAS SX 25 5.7 mg/l Orthophosphate, reactive as P 0.051 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.054 **UKAS** mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 5.3 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l 49 30 **UKAS** SX 38 Iron ug/l Magnesium 1.5 0.3 **UKAS** SX 38 mg/l 0.1

mg/l



UKAS

SX

38



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> Surface Water Analysis **Quote Description:**

004455791 Sampled on: Folder No: 11-Sep-19 @ 08:20

1.1

Comments: Pinglestone IN

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag MRV **Accred** Lab ID Testcode Nitrate as N <6.6 None NLS 864 mg/l 0.024 **UKAS** Orthophosphate, Filtered as P 0.01 SX 237 mg/l 0.03 UKAS SX Ammoniacal Nitrogen as N < 0.030 25 mg/l 0.004 Nitrite as N < 0.0040 mg/l **UKAS** SX 25 Nitrogen: Total Oxidised as N 6.6 0.2 UKAS SX 25 mg/l Orthophosphate, reactive as P 0.023 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.02 SX 235 0.021 **UKAS** mg/l Solids, Suspended at 105 C <3 3 **UKAS** SX 869 mg/l 5 SX Zinc <5 **UKAS** 34 ug/l <30 30 **UKAS** SX 38 Iron ug/l Magnesium 1.9 0.3 **UKAS** SX 38 mg/l 0.1

mg/l

UKAS

SX

38



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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 W	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</u>	tcode
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



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> Quote Description: Surface Water Analysis

Folder No: 004455793 Sampled on: 11-Sep-19 @ 08:40

Comments: Warnford IN MR

Quote No: 15773		Mat	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
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



Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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	c: Surface W	/ater			
Analyte Nitrate as N	<u>Result</u> 8.2	<u>Units</u> mg/l	<u>Flag</u>	<u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Tes</u> NLS	<u>tcode</u> 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





Final Report

Report ID - 20133927 - 1

Batch description: water samples



Reported on: 26-Sep-2019

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
- 35 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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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

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.





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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		Mat	nx: Sunac	e water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> <u>Tes</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





Potassium

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

1.1

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>	Lab ID_Tes	stcode	
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	

mg/l

0.1

UKAS

SX

38





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



0.3

0.1

UKAS

UKAS

SX

SX

38

38

Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

2.6

1.2

Quote Description: Surface Water Analysis

Folder No: 004474956 Sampled on: 9-Oct-19 @ 07:30

Comments: DODDINGS IN

Magnesium

Potassium

Quote No: 15773 Matrix: Surface Water **Analyte** Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N <9.7 None NLS 864 mg/l Orthophosphate, Filtered as P < 0.010 mg/l 0.01 **UKAS** SX 237 0.03 Ammoniacal Nitrogen as N < 0.030 **UKAS** SX 25 mg/l 0.004 UKAS Nitrite as N < 0.0040 SX 25 mg/l Nitrogen: Total Oxidised as N 9.7 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P <0.010 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 **UKAS** SX 235 mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l Zinc <5 QB 5 **UKAS** SX 34 ug/l 30 SX 38 Iron <30 **UKAS** ug/l

mg/l

mg/l



Potassium

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

1.4

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>	Lab ID_Tes	stcode	
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	

mg/l

0.1

UKAS

SX

38





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> Quote Description: Surface Water Analysis

Folder No: 004474958 Sampled on: 9-Oct-19 @ 08:00

Comments: MANOR OUT

Quote No. 19775 Matrix. Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode		
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		



Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773		ivial	.iix. Suilace	e vvalei			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode
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





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773		Watrix. Surface Water						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	



Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

Quote Description: Surface Water Analysis

Folder No: 004474961 Sampled on: 9-Oct-19 @ 08:40

Comments: MANOR IN

Quote No: 15773		Matı	rix: Surface	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
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





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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 **Analyte** Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode

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



Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



0.3

0.1

UKAS

UKAS

SX

SX

38

38

Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

1.8

1.2

Quote Description: Surface Water Analysis

Folder No: 004474963 Sampled on: 9-Oct-19 @ 06:10

Comments: ABBOTTS ANN OUT

Quote No: Matrix: Surface Water 15773 **Analyte** Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 6.3 None NLS 864 mg/l Orthophosphate, Filtered as P 0.014 mg/l 0.01 **UKAS** SX 237 0.03 Ammoniacal Nitrogen as N 0.088 **UKAS** SX 25 mg/l 0.004 UKAS Nitrite as N 0.050 SX 25 mg/l Nitrogen: Total Oxidised as N 6.3 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P 0.015 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.044 0.02 **UKAS** SX 235 mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l Zinc <5 5 **UKAS** SX 34 ug/l 30 SX 38 Iron 42 **UKAS** ug/l

mg/l

mg/l





Quote No:

Iron

Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

SX

SX

SX

38

38

38

Client: Vitacress Salads Ltd. 15773 Surface Water Analysis Project:

150

1.7

1.8

Quote Description: Surface Water Analysis

Folder No: 004474964 Sampled on: 9-Oct-19 @ 06:30

Comments: ST MARYBOURNE B IN 15773

Analyte Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 6.9 None NLS 864 mg/l Orthophosphate, Filtered as P 0.049 mg/l 0.01 **UKAS** SX 237 0.03 Ammoniacal Nitrogen as N < 0.030 **UKAS** SX 25 mg/l 0.004 UKAS Nitrite as N 0.025 SX 25 mg/l Nitrogen: Total Oxidised as N 6.9 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P 0.032 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.057 0.02 **UKAS** SX 235 mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 11 mg/l Zinc <5 5 **UKAS** SX 34 ug/l

ug/l

mg/l

mg/l

Matrix:

Surface Water

30

0.3

0.1

UKAS

UKAS

UKAS





Quote No:

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. 15773 Surface Water Analysis Project:

> Quote Description: Surface Water Analysis

Folder No: 004474965 Sampled on: 9-Oct-19 @ 06:40

Comments: ST MARYBOURNE B OUT

15773

Analyte Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 5.6 None NLS 864 mg/l Orthophosphate, Filtered as P 0.026 mg/l 0.01 **UKAS** SX 237 0.03 Ammoniacal Nitrogen as N 0.030 **UKAS** SX 25 mg/l 0.004 UKAS Nitrite as N 0.080 SX 25 mg/l Nitrogen: Total Oxidised as N 5.7 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P 0.030 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.041 0.02 **UKAS** SX 235 mg/l

Matrix:

Surface Water





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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

Quoto 110. 10110		iviat	ink. Odinaoc	, water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
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





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	Matrix. Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode		
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		



Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	Matrix. Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode		
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		



Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	Matrix. Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode		
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		



Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	Matrix. Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode		
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		





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	iviatirix. Surface water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode		
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		





Quote No:

Zinc

Iron

Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

<5

<30

1.6

0.75

Quote Description: Surface Water Analysis

Folder No: 004474972 Sampled on: 9-Oct-19 @ 07:50

Comments: ST MARYBOURNE VIADUCT

15773

Analyte Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 5.8 None NLS 864 mg/l Orthophosphate, Filtered as P 0.036 mg/l 0.01 **UKAS** SX 237 0.03 Ammoniacal Nitrogen as N 0.059 **UKAS** SX 25 mg/l 0.004 UKAS Nitrite as N 0.035 SX 25 mg/l Nitrogen: Total Oxidised as N 5.8 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P 0.034 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P 0.053 0.02 **UKAS** SX 235 mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l

ug/l

ug/l

mg/l

mg/l

Matrix:

Surface Water

5

30

0.3

0.1

UKAS

UKAS

UKAS

UKAS

SX

SX

SX

SX

34

38

38

38





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	Matrix. Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID</u> Tes	stcode		
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		





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	iviatrix. Surface water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode		
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		





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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. 13773	Matrix. Surface Water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode		
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		





Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

Client: Vitacress Salads Ltd. 15773 Surface Water Analysis Project:

2.1

0.91

Quote Description: Surface Water Analysis

Folder No: 004474976 Sampled on: 9-Oct-19 @ 09:10

Comments: WARNFORD OUT WR 15773

Quote No: Surface Water **Analyte** Result Units Flag <u>MRV</u> **Accred** Lab ID Testcode Nitrate as N 7.6 None NLS 864 mg/l Orthophosphate, Filtered as P < 0.010 mg/l 0.01 **UKAS** SX 237 0.03 Ammoniacal Nitrogen as N 0.031 **UKAS** SX 25 mg/l 0.004 UKAS Nitrite as N 0.016 SX 25 mg/l Nitrogen: Total Oxidised as N 7.6 0.2 **UKAS** SX 25 mg/l Orthophosphate, reactive as P 0.011 0.01 **UKAS** SX 25 mg/l Phosphate: Total as P < 0.020 0.02 **UKAS** SX 235 mg/l Solids, Suspended at 105 C 3 **UKAS** SX 869 <3 mg/l Zinc <5 5 **UKAS** SX 34 ug/l 30 SX 38 Iron <30 **UKAS** ug/l

mg/l

mg/l

Matrix:

0.3

0.1

UKAS

UKAS

SX

SX

38

38





Final Report

Report ID - 20134600 - 1

Batch description: FRESHWATER ANALYSIS



Reported on: 17-Oct-2019

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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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-2019Analysis Started on:22-Nov-2019Analysis Completed on:28-Nov-2019Results for Batch Number20135593Your 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

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.





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

> **Quote Description:** Surface Water Analysis

Folder No: 004491762 Sampled on: 20-Nov-19 @ 08:35

Comments: Doddings out Quote No: 15773

<u>MRV</u> **Analyte** Result <u>Units</u> Flag <u>Accred</u> Lab ID Testcode

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

Matrix:

Surface Water



Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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>	Lab ID Tes	stcode_			
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	ma/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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

Matrix: Surface Water									
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
<10	mg/l			None	NLS	864			
<0.010	mg/l		0.01	UKAS	SX	237			
<0.030	mg/l		0.03	UKAS	SX	25			
<0.0040	mg/l		0.004	UKAS	SX	25			
10	mg/l		0.2	UKAS	SX	25			
<0.010	mg/l		0.01	UKAS	SX	25			
<0.020	mg/l		0.02	UKAS	SX	235			
<3	mg/l		3	UKAS	SX	869			
<5	ug/l		5	UKAS	SX	34			
<30	ug/l		30	UKAS	SX	38			
2.7	mg/l	QB	0.3	UKAS	SX	38			
2.5	mg/l		0.1	UKAS	SX	38			
	<10 <0.010 <0.030 <0.0040 10 <0.010 <0.020 <3 <5 <30 2.7	Result Units <10	Result Units Flag <10	Result Units Flag MRV <10	Result Units Flag MRV Accred <10	Result Units Flag MRV Accred Lab ID Test <10			





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

> Quote Description: Surface Water Analysis

004491765 Sampled on: 20-Nov-19 @ 06:00 Folder No:

Comments: Abbots Ann in Ouote No:

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode_			
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			





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

> Quote Description: Surface Water Analysis

004491766 Sampled on: 20-Nov-19 @ 06:15 Folder No:

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>	Lab ID Tes	stcode		
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		

mg/l





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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>Accred</u>	Lab ID Testcode				
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			





Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

1.6

1.5

Quote Description: Surface Water Analysis

004491768 Sampled on: 20-Nov-19 @ 06:55 Folder No:

Comments: St Marybourne B out Quote No: 15773

Quote No: 15773		e Water					
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode_
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	ma/l	QB	0.3	UKAS	SX	38

mg/l

mg/l



0.3

0.1

UKAS

UKAS

SX

SX

38

38



Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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 Ouote No: 15773

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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>	Lab ID Testcode					
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				





Analytical Report

Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

Quote Description: Surface Water Analysis

004491771 Sampled on: 20-Nov-19 @ 07:25 Folder No:

Comments: St Marybourne E in

Quote No: 15773		Mat	rix: Surfac	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode
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

mg/l





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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>	Lab ID Testcode				
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			





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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>	Lab ID Tes	stcode				
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				





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode				
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				





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



0.3

0.1

UKAS

UKAS

SX

SX

38

38

Reported on: 28-Nov-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> **Quote Description:** Surface Water Analysis

004491775 Sampled on: 20-Nov-19 @ 07:10 Folder No:

2.2

1.6

Spetisbury in Comments: Quote No: 15773

Magnesium

Potassium

Quote No: 15773		Matrix: Surface Water						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode_	
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	ma/l	QB	0.3	UKAS	SX	38	

mg/l

mg/l





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

<30

2.3

1.6

Quote Description: Surface Water Analysis

Folder No: 004491776 Sampled on: 20-Nov-19 @ 07:20

Comments: Spetisbury out Quote No: 15773

Iron

Magnesium

Potassium

Analyte Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <9.7 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.013 mg/l **UKAS** Ammoniacal Nitrogen as N < 0.030 0.03 **UKAS** SX 25 mg/l Nitrite as N < 0.0040 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 9.7 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.013 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P < 0.020 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34

ug/l

mq/l

mg/l

Matrix:

QB

Surface Water

30

0.3

0.1

UKAS

UKAS

UKAS

SX

SX

SX

38

38

38





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> **Quote Description:** Surface Water Analysis

Folder No: 004491777 Sampled on: 20-Nov-19 @ 07:50

Comments: Hollybush in Quote No: 15773

<u>MRV</u> **Analyte** Result <u>Units</u> Flag **Accred** Lab ID Testcode

Matrix:

Surface Water

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



Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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

Quote No. 13773	iviatinix. Surface water								
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode		
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		





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

Vitacress Salads Ltd. 15773 Surface Water Analysis Client: Project:

> **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>	Lab ID_Tes	stcode
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





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

> Quote Description: Surface Water Analysis

004491780 Sampled on: 20-Nov-19 @ 08:00 Folder No:

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>	Lab ID Testcode					
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				





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



UKAS

SX

38

Reported on: 28-Nov-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

> **Quote Description:** Surface Water Analysis

004491781 Folder No: Sampled on: 20-Nov-19 @ 08:40

1.1

Comments: Pinglestone in

Quote No: 15773 Matrix: Surface Water **Analyte** Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <6.9 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.024 mg/l **UKAS** Ammoniacal Nitrogen as N < 0.030 0.03 **UKAS** SX 25 mg/l Nitrite as N < 0.0040 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 6.9 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.023 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P 0.026 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34 Iron <30 30 **UKAS** SX 38 ug/l QB 0.3 SX Magnesium 1.9 **UKAS** 38 mq/l Potassium 0.1

mg/l





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

Client: Vitacress Salads Ltd. Project: 15773 Surface Water Analysis

> **Quote Description:** Surface Water Analysis

004491782 Folder No: Sampled on: 20-Nov-19 @ 08:45

Comments: Pinglestone out

15773

Quote No:

Analyte Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N 6.5 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.026 mg/l **UKAS** Ammoniacal Nitrogen as N 0.035 0.03 **UKAS** SX 25 mg/l Nitrite as N 0.014 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 6.5 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.025 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P 0.039 mg/l **UKAS** SX 235

Matrix:

Surface Water



Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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 **Analyte** Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <5.9 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.017 mg/l **UKAS** Ammoniacal Nitrogen as N < 0.030 0.03 **UKAS** SX 25 mg/l Nitrite as N < 0.0040 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 5.9 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.015 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P < 0.020 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34 Iron <30 30 **UKAS** SX 38 ug/l QB 2.0 0.3 SX Magnesium **UKAS** 38 mq/l Potassium 0.1 **UKAS** SX 0.84 mg/l 38





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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

Comments. Warmord LL out							
Quote No: 15773		Mat	rix: Surfac	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
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





Final Report

Report ID - 20135593 - 1

Batch description: Water samples



Reported on: 28-Nov-2019

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 X Relative Standard Deviation + 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 X %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



Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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-2019Analysis Started on:13-Dec-2019Analysis Completed on:30-Dec-2019Results for Batch Number20136000Your Purchase Order Number:BIO 076737

You will be invoiced shortly by our accounts department.

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

Yours sincerely

Vici Bentley

Customer Services Team Manager

Tel: 0800 092 0786

nls@environment-agency.gov.uk

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

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

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





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

15773 Surface Water Analysis Client: Vitacress Salads Ltd. Project:

Quote Description: Surface Water Analysis

004494938 Sampled on: 11-Dec-19 @ 07:20 Folder No:

Comments: SPETISBURY IN

Quote No: 15773		Mat	rix: Surface	e Water				
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode	
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	

mg/l





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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	Nater						
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID Tes	stcode_			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID Tes	stcode			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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		Mat	rix: Surfac	e Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
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





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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		Mat	rix: Surfac	e Water				
Analyte Nitrate as N Orthophosphate, Filtered as P Ammoniacal Nitrogen as N Nitrite as N Nitrogen: Total Oxidised as N Orthophosphate, reactive as P Phosphate: Total as P Solids, Suspended at 105 C Zinc Iron	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	ma/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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		Matri	x: Surface W	/ater			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
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





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID_Tes	stcode			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID_Tes	stcode			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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</u>				Lab ID Tes	tcode						
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					





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID Tes	tcode				
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				





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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 Units Flag MRV Accred La</u>					Lab ID_Tes	stcode_					
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					





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Result	<u>Units</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode					
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				





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Result <u>Units</u> <u>Flag</u> <u>MRV</u> <u>Accred</u>				Lab ID Tes	tcode					
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				





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID Tes	tcode			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Accred Lab ID Testco					
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				





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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

Matrix: Surface Water											
<u>Result Units Flag MRV Accred L</u>				Lab ID Tes	tcode						
<7.0	mg/l			None	NLS	864					
0.033	mg/l	DD	0.01	UKAS	SX	237					
<0.030	mg/l	DD	0.03	UKAS	SX	25					
<0.0040	mg/l	DD	0.004	UKAS	SX	25					
7.0	mg/l	DD	0.2	UKAS	SX	25					
0.032	mg/l	DD	0.01	UKAS	SX	25					
0.036	mg/l	DD	0.02	UKAS	SX	235					
<3	mg/l	DD	3	UKAS	SX	869					
<5	ug/l		5	UKAS	SX	34					
<30	ug/l		30	UKAS	SX	38					
1.5	mg/l		0.3	UKAS	SX	38					
0.97	mg/l		0.1	UKAS	SX	38					
	<7.0 0.033 <0.030 <0.0040 7.0 0.032 0.036 <3 <5 <30 1.5	Result Units <7.0	Result Units Flag <7.0	Result Units Flag MRV <7.0	Result Units Flag MRV Accred <7.0	Result Units Flag MRV Accred Lab ID_Test <7.0					





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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 Units Flag MRV Accred Lab</u>					Lab ID Tes	stcode					
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					





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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>	Lab ID Tes	stcode			
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			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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		Mat	rix: Surfac	e Water				
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode	
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	ma/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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

	Mat	rix: Surface	e Water			
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Testcode	
<7.5	mg/l			None	NLS	864
0.016	mg/l	DD	0.01	UKAS	SX	237
<0.030	mg/l	DD	0.03	UKAS	SX	25
<0.0040	mg/l	DD	0.004	UKAS	SX	25
7.5	mg/l	DD	0.2	UKAS	SX	25
0.015	mg/l	DD	0.01	UKAS	SX	25
<0.020	mg/l	DD	0.02	UKAS	SX	235
<3	mg/l	DD	3	UKAS	SX	869
<5	ug/l		5	UKAS	SX	34
<30	ug/l		30	UKAS	SX	38
2.2	mg/l		0.3	UKAS	SX	38
0.81	mg/l		0.1	UKAS	SX	38
	<pre>-7.5 0.016 <0.030 <0.0040 7.5 0.015 <0.020 <3 <5 <30 2.2</pre>	Result Units <7.5	Result Units Flag <7.5	Result Units Flag MRV <7.5	Result Units Flag MRV Accred <7.5	Result Units Flag MRV Accred Lab ID_Test <7.5





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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

Matrix: Surface Water									
<u>Result</u>	<u>Units</u>	s <u>Flag</u> <u>MRV</u> <u>Accred</u>		Lab ID Testcode					
7.9	mg/l			None	NLS	864			
0.018	mg/l	DD	0.01	UKAS	SX	237			
0.060	mg/l	DD	0.03	UKAS	SX	25			
0.016	mg/l	DD	0.004	UKAS	SX	25			
7.9	mg/l	DD	0.2	UKAS	SX	25			
0.017	mg/l	DD	0.01	UKAS	SX	25			
<0.020	mg/l	DD	0.02	UKAS	SX	235			
3.4	mg/l	DD	3	UKAS	SX	869			
<5	ug/l		5	UKAS	SX	34			
<30	ug/l		30	UKAS	SX	38			
2.1	mg/l		0.3	UKAS	SX	38			
1.1	mg/l		0.1	UKAS	SX	38			
	7.9 0.018 0.060 0.016 7.9 0.017 <0.020 3.4 <5 <30 2.1	Result Units 7.9 mg/l 0.018 mg/l 0.060 mg/l 0.016 mg/l 7.9 mg/l 0.017 mg/l <0.020	Result Units Flag 7.9 mg/l DD 0.018 mg/l DD 0.060 mg/l DD 0.016 mg/l DD 7.9 mg/l DD 0.017 mg/l DD <0.020	Result Units Flag MRV 7.9 mg/l DD 0.01 0.018 mg/l DD 0.01 0.060 mg/l DD 0.03 0.016 mg/l DD 0.004 7.9 mg/l DD 0.2 0.017 mg/l DD 0.01 <0.020	Result Units Flag MRV Accred 7.9 mg/l DD 0.01 UKAS 0.018 mg/l DD 0.03 UKAS 0.060 mg/l DD 0.03 UKAS 0.016 mg/l DD 0.004 UKAS 7.9 mg/l DD 0.2 UKAS 0.017 mg/l DD 0.01 UKAS <0.020	Result Units Flag MRV Accred Lab ID Test 7.9 mg/l DD 0.01 UKAS SX 0.018 mg/l DD 0.03 UKAS SX 0.060 mg/l DD 0.004 UKAS SX 0.016 mg/l DD 0.2 UKAS SX 7.9 mg/l DD 0.02 UKAS SX 0.017 mg/l DD 0.01 UKAS SX <0.020			





Final Report

Report ID - 20136000 - 1

Batch description: Water samples



Reported on: 30-Dec-2019

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 X Relative Standard Deviation + 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 X %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