

Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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:31-Jan-2020Analysis Started on:31-Jan-2020Analysis Completed on:10-Feb-2020Results for Batch Number20136862Your Purchase Order Number:B10088348

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 - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

<30

2.3

1.8

Quote Description: Surface Water Analysis

Folder No: 004501009 Sampled on: 30-Jan-20 @ 07:30

Comments: Speisbury in Quote No: 15773

Iron

Magnesium

Potassium

Analyte Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <12 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P < 0.010 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 12 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.019 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P < 0.020 mg/l **UKAS** SX 235 3 Solids, Suspended at 105 C **UKAS** SX 869 <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34

ug/l

mg/l

mg/l

Matrix:

Surface Water

30

0.3

0.1

UKAS

UKAS

UKAS

SX

SX

SX

38

38

38





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501010 Sampled on: 30-Jan-20 @ 07:35

Comments: Spiesbury out

Quote No: 15773 Matrix: Surface Water

Quete 110.	matrix. Carrace viator							
<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	0.014	mg/l		0.01	UKAS	SX	237	
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25	
Nitrite as N	0.0055	mg/l		0.004	UKAS	SX	25	
Nitrogen : Total Oxidised as N	12	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.022	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	2.4	mg/l		0.3	UKAS	SX	38	
Potassium	2.3	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

0.91

Quote Description: Surface Water Analysis

Folder No: 004501011 Sampled on: 30-Jan-20 @ 08:00

Comments: Hollybush in Quote No: 15773

Potassium

Matrix: Surface Water **Analyte** Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <11 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.014 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 11 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.022 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P < 0.020 mg/l **UKAS** SX 235 3 Solids, Suspended at 105 C **UKAS** SX 869 <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34 Iron <30 30 **UKAS** SX 38 ug/l 0.3 SX Magnesium 3.0 mg/l **UKAS** 38

mg/l



0.1

UKAS

SX

38



Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501012 Sampled on: 30-Jan-20 @ 08:10

Comments: Hollybush out

Quote No: 15773 Matrix: Surface Water

400000000000000000000000000000000000000							
<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	0.016	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.012	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	12	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.025	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	2.5	mg/l		0.3	UKAS	SX	38
Potassium	1.4	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501013 Sampled on: 30-Jan-20 @ 08:35

Comments: Doddings in

Matrix: Surface Water								
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode		
<9.4	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		
9.4	mg/l		0.2	UKAS	SX	25		
0.011	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		
2.6	mg/l		0.3	UKAS	SX	38		
1.5	mg/l		0.1	UKAS	SX	38		
	<9.4 <0.010 <0.030 <0.0040 9.4 0.011 <0.020 <3 <5 <30 2.6	Result Units <9.4	Result Units Flag <9.4	Result Units Flag MRV <9.4	Result Units Flag MRV Accred <9.4	Result Units Flag MRV Accred Lab ID Test <9.4		





Final Report

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Batch description: Water analysis



Reported on: 10-Feb-2020

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

<30

2.6

1.6

Quote Description: Surface Water Analysis

Folder No: 004501014 Sampled on: 30-Jan-20 @ 08:45

Comments: Doddings out Quote No: 15773

Iron

Magnesium

Potassium

Analyte Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <9.3 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P < 0.010 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 9.3 mg/l 0.2 **UKAS** SX 25 0.01 Orthophosphate, reactive as P 0.017 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P 0.051 mg/l **UKAS** SX 235 3 Solids, Suspended at 105 C **UKAS** SX 869 <3 mg/l Zinc <5 ug/l 5 **UKAS** SX 34

ug/l

mg/l

mg/l

Matrix:

Surface Water

30

0.3

0.1

UKAS

UKAS

UKAS

SX

SX

SX

38

38

38





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501015 Sampled on: 30-Jan-20 @ 09:00

Comments: Manor out
Quote No: 15773

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>	Lab ID Tes	tcode
Nitrate as N	9.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.051	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	9.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.056	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.065	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	7.5	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	83	ug/l		30	UKAS	SX	38
Magnesium	2.4	mg/l		0.3	UKAS	SX	38
Potassium	1.7	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20136862 - 1

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Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501016 Sampled on: 30-Jan-20 @ 09:40

Comments: Manor in

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	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	<0.0040	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.013	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	2.7	mg/l		0.3	UKAS	SX	38			
Potassium	2.0	mg/l		0.1	UKAS	SX	38			
G		_		0.1						





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501017 Sampled on: 30-Jan-20 @ 06:00

Comments: Abbotts Ann 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	<7.9	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	7.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.013	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	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	0.89	mg/l		0.1	UKAS	SX	38





Final Report

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Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501018 Sampled on: 30-Jan-20 @ 06:10

Comments: Abbotts Ann out

Quote No: 15773		Matri	ix: Surface W	/ater			
<u>Analyte</u>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
Nitrate as N	8.5	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	0.011	mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.5	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.023	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.027	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		0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501019 Sampled on: 30-Jan-20 @ 06:30

Comments: St Marybourne B 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	<8.1	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	8.1	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.021	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.021	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		0.3	UKAS	SX	38
Potassium	0.92	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501020 Sampled on: 30-Jan-20 @ 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	7.7	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	0.0080	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	0.042	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	1.6	mg/l		0.3	UKAS	SX	38				
Potassium	1.1	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501021 Sampled on: 30-Jan-20 @ 06:50

Comments: St Marybourne D in

Quote No: 15773 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	tcode
Nitrate as N	<7.4	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.025	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	7.4	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.031	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.030	mg/l		0.02	UKAS	SX	235
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	1.0	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501022 Sampled on: 30-Jan-20 @ 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	tcode
Nitrate as N	7.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.048	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.010	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	0.054	mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.057	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<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	1.0	mg/l		0.1	UKAS	SX	38





Final Report

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Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501023 Sampled on: 30-Jan-20 @ 07:10

Comments: St Marybourne E in

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode			
Nitrate as N	<7.2	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	7.2	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.025	mg/l		0.01	UKAS	SX	25			
Phosphate : Total as P	0.026	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	1.6	mg/l		0.3	UKAS	SX	38			
Potassium	1.0	mg/l		0.1	UKAS	SX	38			





Final Report

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Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501024 Sampled on: 30-Jan-20 @ 07:15

Comments: St Marybourne E out

Matrix: Surface Water									
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode			
<7.1	mg/l			None	NLS	864			
0.034	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			
7.1	mg/l		0.2	UKAS	SX	25			
0.042	mg/l		0.01	UKAS	SX	25			
0.064	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			
1.7	mg/l		0.3	UKAS	SX	38			
1.7	mg/l		0.1	UKAS	SX	38			
	<7.1 0.034 <0.030 <0.0040 7.1 0.042 0.064 <3 <5 <30 1.7	Result Units <7.1	Result Units Flag <7.1	Result Units Flag MRV <7.1	Result Units Flag MRV Accred <7.1	Result Units Flag MRV Accred Lab ID Test <7.1			





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501025 Sampled on: 30-Jan-20 @ 07:20

Comments: St Marybourne R in

Quote No: 15773		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	<7.3	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	7.3	mg/l		0.2	UKAS	SX	25						
Orthophosphate, reactive as P	0.036	mg/l		0.01	UKAS	SX	25						
Phosphate : Total as P	0.036	mg/l		0.02	UKAS	SX	235						
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	1.2	mg/l		0.1	UKAS	SX	38						





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501026 Sampled on: 30-Jan-20 @ 07:30

Comments: St Marybourne R out

Quote No: 15773	Matrix: Surface Water										
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode				
Nitrate as N	6.5	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	0.0053	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	0.011	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.068	mg/l		0.02	UKAS	SX	235				
Solids, Suspended at 105 C	24	mg/l		3	UKAS	SX	869				
Zinc	<5	ug/l		5	UKAS	SX	34				
Iron	50	ug/l		30	UKAS	SX	38				
Magnesium	1.6	mg/l		0.3	UKAS	SX	38				
Potassium	1.6	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

> Quote Description: Surface Water Analysis

004501027 Sampled on: 30-Jan-20 @ 07:40 Folder No:

Comments: St Marybourne River in

Quote No: 15773	Matrix: Surface Water										
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	stcode				
Nitrate as N	<7.5	mg/l			None	NLS	864				
Orthophosphate, Filtered as P	0.050	mg/l		0.01	UKAS	SX	237				
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25				
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25				
Nitrogen: Total Oxidised as N	7.5	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.053	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.057	mg/l		0.02	UKAS	SX	235				
Solids, Suspended at 105 C	5.1	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		0.3	UKAS	SX	38				
Potassium	1.2	mg/l		0.1	UKAS	SX	38				





Quote No:

Iron

Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Surface Water

30

0.3

0.1

UKAS

UKAS

UKAS

SX

SX

SX

38

38

38

Matrix:

Reported on: 10-Feb-2020

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

<30

1.6

1.2

Quote Description: Surface Water Analysis

Folder No: 004501028 Sampled on: 30-Jan-20 @ 07:45

Comments: St Marybourne Viaduct 15773

<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	0.041	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	< 0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0063	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	0.049	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	4.3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34

ug/l

mg/l

mg/l





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501029 Sampled on: 30-Jan-20 @ 08:20

Comments: Pinglestone in

Quote No: 15773	Matrix: Surface Water										
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode				
Nitrate as N	<7.0	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	7.0	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.028	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.032	mg/l		0.02	UKAS	SX	235				
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 - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501030 Sampled on: 30-Jan-20 @ 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	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	0.0087	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	0.033	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	2.0	mg/l		0.3	UKAS	SX	38				
Potassium	1.1	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501031 Sampled on: 30-Jan-20 @ 09:00

Comments: Warnford WR 1 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	<8.6	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	8.6	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	0.022	mg/l		0.01	UKAS	SX	25				
Phosphate : Total as P	0.022	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	2.3	mg/l		0.3	UKAS	SX	38				
Potassium	0.78	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004501032 Sampled on: 30-Jan-20 @ 09:10

Comments: Warnford WR out

	Mat	rix: Surface	e Water			
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
7.9	mg/l			None	NLS	864
0.018	mg/l		0.01	UKAS	SX	237
<0.030	mg/l		0.03	UKAS	SX	25
0.0073	mg/l		0.004	UKAS	SX	25
7.9	mg/l		0.2	UKAS	SX	25
0.024	mg/l		0.01	UKAS	SX	25
0.032	mg/l		0.02	UKAS	SX	235
4.4	mg/l		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
1.0	mg/l		0.1	UKAS	SX	38
	7.9 0.018 <0.030 0.0073 7.9 0.024 0.032 4.4 <5 <30 2.1	Result Units 7.9 mg/l 0.018 mg/l <0.030	Result Units Flag 7.9 mg/l 0.018 mg/l <0.030	Result Units Flag MRV 7.9 mg/l 0.01 0.018 mg/l 0.03 0.030 mg/l 0.03 0.0073 mg/l 0.004 7.9 mg/l 0.2 0.024 mg/l 0.01 0.032 mg/l 0.02 4.4 mg/l 3 <5	Result Units Flag MRV Accred 7.9 mg/l None None 0.018 mg/l 0.01 UKAS <0.030	Result Units Flag MRV Accred Lab ID_Tes 7.9 mg/l 0.01 UKAS SX 0.018 mg/l 0.01 UKAS SX <0.030





Final Report

Report ID - 20136862 - 1

Batch description: Water analysis



Reported on: 10-Feb-2020

Method Description Summary for all samples in batch Number 20136862

- 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 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 - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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: 13-Feb-2020
Analysis Started on: 14-Feb-2020
Analysis Completed on: 25-Feb-2020
Results for Batch Number 20137140
Your Purchase Order Number: B10088348

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 - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502989 Sampled on: 12-Feb-20 @ 07:30

Comments: Spetisbury IN

	Mati	rix: Surface	Water			
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
<12	mg/l			None	NLS	864
0.012	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
12	mg/l		0.2	UKAS	SX	25
0.013	mg/l	DC	0.01	UKAS	SX	25
0.032	mg/l		0.02	UKAS	SX	235
3.1	mg/l		3	UKAS	SX	869
<5	ug/l		5	UKAS	SX	34
50	ug/l		30	UKAS	SX	38
2.3	mg/l		0.3	UKAS	SX	38
1.8	mg/l		0.1	UKAS	SX	38
	<12 0.012 <0.030 <0.0040 12 0.013 0.032 3.1 <5 50 2.3	Result Units <12	Result Units Flag <12	Result Units Flag MRV <12	Result Units Flag MRV Accred <12	Result Units Flag MRV Accred Lab ID Test <12





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502990 Sampled on: 12-Feb-20 @ 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>	Lab ID Tes	tcode				
Nitrate as N	<12	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	12	mg/l		0.2	UKAS	SX	25				
Orthophosphate, reactive as P	<0.010	mg/l	DC	0.01	UKAS	SX	25				
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235				
Solids, Suspended at 105 C	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	2.4	mg/l		0.3	UKAS	SX	38				
Potassium	2.5	mg/l		0.1	UKAS	SX	38				





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Sampled on: 12-Feb-20 @ 07:55

Comments: Doddings IN

Folder No:

004502991

	Matr	rix: Surface	Water			
<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
<9.3	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
9.3	mg/l		0.2	UKAS	SX	25
<0.010	mg/l	DC	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		0.3	UKAS	SX	38
1.5	mg/l		0.1	UKAS	SX	38
	<9.3 <0.010 <0.030 <0.0040 9.3 <0.010 <0.020 <3 <5 <30 2.7	Result Units <9.3	Result Units Flag <9.3	Result Units Flag MRV <9.3	Result Units Flag MRV Accred <9.3	Result Units Flag MRV Accred Lab ID_Test <9.3





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502992 Sampled on: 12-Feb-20 @ 08:00

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 Testcode			
Nitrate as N	9.1	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	0.011	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	0.049	mg/l	DC	0.01	UKAS	SX	25		
Phosphate : Total as P	0.057	mg/l		0.02	UKAS	SX	235		
Solids, Suspended at 105 C	9.2	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l		5	UKAS	SX	34		
Iron	3900	ug/l		30	UKAS	SX	38		
Magnesium	2.4	mg/l		0.3	UKAS	SX	38		
Potassium	1.6	ma/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502993 Sampled on: 12-Feb-20 @ 08:10

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 Testcode			
Nitrate as N	9.1	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	0.011	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	0.049	mg/l	DC	0.01	UKAS	SX	25		
Phosphate : Total as P	0.049	mg/l		0.02	UKAS	SX	235		
Solids, Suspended at 105 C	9.2	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l	QB	5	UKAS	SX	34		
Iron	130	ug/l		30	UKAS	SX	38		
Magnesium	2.4	mg/l		0.3	UKAS	SX	38		
Potassium	1.6	ma/l		0.1	UKAS	SX	38		





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502994 Sampled on: 12-Feb-20 @ (Time not supplied)

Comments: Hollybush IN

Quote No: 15773	Matrix: Surface Water							
<u>Analyte</u>	<u>Result</u> <u>Units</u> <u>Flag</u>				<u>Accred</u>	Lab ID Tes	stcode	
Nitrate as N	<11	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	11	mg/l		0.2	UKAS	SX	25	
Orthophosphate, reactive as P	0.015	mg/l	DC	0.01	UKAS	SX	25	
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235	
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869	
Zinc	<5	ug/l	QB	5	UKAS	SX	34	
Iron	<30	ug/l		30	UKAS	SX	38	
Magnesium	3.0	mg/l		0.3	UKAS	SX	38	
Potassium	0.90	mg/l		0.1	UKAS	SX	38	





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502995 Sampled on: 12-Feb-20 @ 08:40

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 Testcode				
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	< 0.0040	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	DC	0.01	UKAS	SX	25			
Phosphate : Total as P	0.042	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	8.7	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l	QB	5	UKAS	SX	34			
Iron	64	ug/l		30	UKAS	SX	38			
Magnesium	2.6	mg/l		0.3	UKAS	SX	38			
Potassium	1.2	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502996 Sampled on: 12-Feb-20 @ 08:55

Comments: Manor IN
Quote No: 15773

Quote No: 15773	Matrix: Surface Water									
<u>Analyte</u>	Result <u>Units Flag MRV Accred Lab ID</u>									
Nitrate as N	<11	mg/l			None	NLS	864			
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237			
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25			
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25			
Nitrogen : Total Oxidised as N	11	mg/l		0.2	UKAS	SX	25			
Orthophosphate, reactive as P	0.018	mg/l	DC	0.01	UKAS	SX	25			
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235			
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869			
Zinc	<5	ug/l	QB	5	UKAS	SX	34			
Iron	<30	ug/l		30	UKAS	SX	38			
Magnesium	2.7	mg/l		0.3	UKAS	SX	38			
Potassium	2.0	mg/l		0.1	UKAS	SX	38			





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502997 Sampled on: 12-Feb-20 @ 06:00

Comments: Abbott Ann IN

Quote No: 15773	Matrix: Surface Water								
<u>Analyte</u>	<u>Result</u> <u>Units</u> <u>Flag</u>					Lab ID Tes	tcode		
Nitrate as N	<7.7	mg/l			None	NLS	864		
Orthophosphate, Filtered as P	<0.010	mg/l		0.01	UKAS	SX	237		
Ammoniacal Nitrogen as N	< 0.030	mg/l		0.03	UKAS	SX	25		
Nitrite as N	<0.0040	mg/l		0.004	UKAS	SX	25		
Nitrogen : Total Oxidised as N	7.7	mg/l		0.2	UKAS	SX	25		
Orthophosphate, reactive as P	<0.010	mg/l	DC	0.01	UKAS	SX	25		
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235		
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869		
Zinc	<5	ug/l	QB	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 - 20137140 - 1

Batch description: Water Analysis



Surface Water

5

30

0.3

0.1

UKAS

UKAS

UKAS

UKAS

SX

SX

SX

SX

34

38

38

38

Matrix:

QB

Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004502998 Sampled on: 12-Feb-20 @ 06:15

<5

<30

1.8

1.3

Comments: Abbott Ann OUT

15773

Quote No:

Zinc

Iron

Magnesium

Potassium

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Test	tcode
Nitrate as N	7.9	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	0.0076	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	0.025	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	0.033	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	3.0	mg/l		3	UKAS	SX	869

ug/l

ug/l

mg/l

mg/l





Potassium

Analytical Report

Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



0.1

UKAS

SX

38

Reported on: 25-Feb-2020

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

0.93

Quote Description: Surface Water Analysis

Folder No: 004502999 Sampled on: 12-Feb-20 @ 06:30

Comments: St Marybourne B IN
Quote No: 15773

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	<8.2	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	8.2	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.015	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38

mg/l





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503000 Sampled on: 12-Feb-20 @ 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	8.0	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.025	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0043	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	0.023	mg/l	DC	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	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.7	mg/l		0.3	UKAS	SX	38
Potassium	1.1	mg/l		0.1	UKAS	SX	38





Potassium

Analytical Report

Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

1.0

Quote Description: Surface Water Analysis

Folder No: 004503001 Sampled on: 12-Feb-20 @ 06:50

Comments: St Marybourne D IN

Comments. Of Maryboarne B 114								
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	<7.2	mg/l			None	NLS	864	
Orthophosphate, Filtered as P	0.029	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	0.028	mg/l	DC	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	QB	5	UKAS	SX	34	
Iron	<30	ug/l		30	UKAS	SX	38	
Magnesium	1.6	mg/l		0.3	UKAS	SX	38	

mg/l



0.1

UKAS

SX

38



Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503002 Sampled on: 12-Feb-20 @ 07:00

Comments: St Marybourne D OUT

Quote No: 15773		Matri	x: 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	<6.8	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	<0.0040	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	0.035	mg/l	DC	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	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.0	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503003 Sampled on: 12-Feb-20 @ 07:10

Comments: St Marybourne E IN

Quote No: 15773 Matrix: Surface Water

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	Accred	Lab ID Testo	ode
Nitrate as N	<7.0	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	<0.0040	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	0.027	mg/l	DC	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	QB	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 - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

> **Quote Description:** Surface Water Analysis

004503004 Folder No: Sampled on: 12-Feb-20 @ 07:20

1.1

Comments: St Marybourne E OUT

Quote No: 15773 Matrix: Surface Water **Analyte** Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N 6.8 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.035 mg/l **UKAS** Ammoniacal Nitrogen as N 0.03 **UKAS** SX 25 < 0.030 mg/l Nitrite as N 0.0047 0.004 **UKAS** SX 25 mg/l Nitrogen: Total Oxidised as N 6.8 mg/l 0.2 **UKAS** SX 25 DC 0.01 Orthophosphate, reactive as P 0.038 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P 0.039 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C 3.5 mg/l Zinc 13 ug/l OB 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 38

mg/l





Quote No:

Magnesium

Potassium

Analytical Report

Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

SX

SX

38

38

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

> **Quote Description:** Surface Water Analysis

004503005 Folder No: Sampled on: 12-Feb-20 @ 07:30

1.6

1.2

Comments: St Marybourne R IN 15773

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 0.032 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 DC 0.01 Orthophosphate, reactive as P 0.034 mg/l **UKAS** SX 25 0.02 Phosphate: Total as P 0.031 mg/l **UKAS** SX 235 3 **UKAS** SX 869 Solids, Suspended at 105 C <3 mg/l Zinc <5 ug/l OB 5 **UKAS** SX 34 Iron <30 30 **UKAS** SX 38

ug/l

mg/l

mg/l

Matrix:

Surface Water

0.3

0.1

UKAS

UKAS





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503006 Sampled on: 12-Feb-20 @ 07:40

Comments: St Marybourne R OUT

	Mat	rix: Surfac	e Water			
Result				Accred	Lab ID Tes	stcode
6.3	mg/l			None	NLS	864
0.011	mg/l		0.01	UKAS	SX	237
< 0.030	mg/l		0.03	UKAS	SX	25
0.0053	mg/l		0.004	UKAS	SX	25
6.3	mg/l		0.2	UKAS	SX	25
0.011	mg/l	DC	0.01	UKAS	SX	25
<0.020	mg/l		0.02	UKAS	SX	235
4.4	mg/l		3	UKAS	SX	869
<5	ug/l	QB	5	UKAS	SX	34
<30	ug/l		30	UKAS	SX	38
1.6	mg/l		0.3	UKAS	SX	38
1.4	mg/l		0.1	UKAS	SX	38
	0.011 <0.030 0.0053 6.3 0.011 <0.020 4.4 <5 <30 1.6	Result Units 6.3 mg/l 0.011 mg/l <0.030	Result Units Flag 6.3 mg/l 0.011 mg/l <0.030	Result Units Flag MRV 6.3 mg/l 0.01 0.011 mg/l 0.03 0.0053 mg/l 0.004 6.3 mg/l 0.2 0.011 mg/l DC 0.01 <0.020	Result Units Flag MRV Accred 6.3 mg/l None None 0.011 mg/l 0.01 UKAS <0.030	Result Units Flag MRV Accred Lab ID Test 6.3 mg/l 0.01 UKAS SX 0.011 mg/l 0.03 UKAS SX 0.0030 mg/l 0.004 UKAS SX 0.0053 mg/l 0.2 UKAS SX 6.3 mg/l 0.2 UKAS SX 0.011 mg/l 0.01 UKAS SX <0.020





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503007 Sampled on: 12-Feb-20 @ 07:50

Comments: St Marybourne River

Quote No: 15773		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	<7.2	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.044	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	0.045	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	0.045	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	1.6	mg/l		0.3	UKAS	SX	38
Potassium	1.2	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503008 Sampled on: 12-Feb-20 @ 08:00

Comments: St Marybourne Viaduct

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>	Lab ID Tes	tcode
Nitrate as N	<6.7	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	<0.0040	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	0.039	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	0.056	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	5.3	mg/l		3	UKAS	SX	869
Zinc	6.5	ug/l	QB	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 - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503009 Sampled on: 12-Feb-20 @ 08:30

Comments: Pinglestone 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	<7.9	mg/l			None	NLS	864
Orthophosphate, Filtered as P	0.021	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	7.9	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.016	mg/l	DC	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	QB	5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	2.0	mg/l		0.3	UKAS	SX	38
Potassium	1.3	ma/l		0.1	UKAS	SX	38





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503010 Sampled on: 12-Feb-20 @ 08:40

Comments: Pinglestone OUT

Quote No: 15773		Mat	rix: Surface	e 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	0.035	mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030	mg/l		0.03	UKAS	SX	25
Nitrite as N	0.0080	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	DC	0.01	UKAS	SX	25
Phosphate : Total as P	0.042	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.8	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l	QB	5	UKAS	SX	34
Iron	44	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 - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

> **Quote Description:** Surface Water Analysis

004503011 Folder No: Sampled on: 12-Feb-20 @ 08:50

Comments: Warnford IN WR

15773

Quote No:

Analyte Result <u>Units</u> Flag **MRV Accred** Lab ID Testcode Nitrate as N <7.6 None NLS 864 mg/l 0.01 SX 237 Orthophosphate, Filtered as P 0.014 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 7.6 mg/l 0.2 **UKAS** SX 25 DC 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

Matrix:

Surface Water



Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

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

Quote Description: Surface Water Analysis

Folder No: 004503012 Sampled on: 12-Feb-20 @ 09:00

Comments: Warnford OUT WR

Quote No: 15773		Matrix	x: Surface W	ater/			
<u>Analyte</u>	Result	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	tcode
Nitrate as N	7.6	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	0.0060	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	0.015	mg/l	DC	0.01	UKAS	SX	25
Phosphate : Total as P	0.027	mg/l		0.02	UKAS	SX	235
Solids, Suspended at 105 C	4.6	mg/l	DC	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	0.99	mg/l		0.1	UKAS	SX	38





Final Report

Report ID - 20137140 - 1

Batch description: Water Analysis



Reported on: 25-Feb-2020

Method Description Summary for all samples in batch Number 20137140

- 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.

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