Analytical Report

Final Report

Report ID - 20121742 - 1

Batch description: Freshwater Analysis



Reported on: 29-May-2018

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

Dear Doreen

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

Samples Registered on:	16-May-2018
Analysis Started on:	16-May-2018
Analysis Completed on:	29-May-2018
Results for Batch Number	20121742
Your Purchase Order Number:	None Supplied
You will be invoiced shortly by our accounts department.	

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

Yours sincerely

KAA

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.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

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Report ID - 20121742 - 1

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water ana		15002 Surf	ace wa	ter analys	is	
Folder No: Comments:	004147336 SPETISBURY IN		Sampled o	on:	15-May-18	@ 06:3	30		
Quote No:	15002		Matri	ix:	Surface Wa	ater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		<10.1	mg/l				None	NLS	864
Orthophosphate	e, Filtered as P	0.0120	0 mg/l			0.01	UKAS	SX	237
Ammoniacal Nit	trogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l			0.004	UKAS	SX	25
Nitrogen : Total	Oxidised as N	10.1	mg/l			0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.0110	0 mg/l			0.01	UKAS	SX	25
Phosphate : Tot	tal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspend	ded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.26	mg/l			0.3	UKAS	SX	38
Potassium		1.63	mg/l			0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		ace wa	ter analys	is	
Folder No:	004147338		Sampled on:	15-May-18 (@ 07:0	00		
Comments:	SPETISBURY OUT							
Quote No:	15002		Matrix:	Surface Wa	ter			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		9.00	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0175	5 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.02	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.38	mg/l		0.3	UKAS	SX	38
Potassium		1.15	mg/l		0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project Surface water analy	-	urface wa	ter analys	is	
Folder No:	004147339		Sampled on	: 15-May-	18 @ 07:2	20		
Comments:	HOLLEYBUSH IN			-	-			
Quote No:	15002		Matrix	: Surface	Nater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<11.4	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	<0.010	00 mg/l		0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	11.4	mg/l		0.2	UKAS	SX	25
Orthophospha	te, reactive as P	<0.010	00 mg/l		0.01	UKAS	SX	25
Phosphate : Te	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.38	mg/l		0.3	UKAS	SX	38
Potassium		1.14	mg/l		0.1	UKAS	SX	38
Magnesium		2.38	mg/l		0.3	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project Surface water analy		urface wa	ter analys	is	
Folder No:	004147340		Sampled on	: 15-May-	18 @ 07:3	35		
Comments:	HOLLEYBUSH OUT							
Quote No:	15002		Matrix	: Surface	Nater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		10.8	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0148	mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.8	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	3.02	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		32.2	ug/l		30	UKAS	SX	38
Magnesium		2.43	mg/l		0.3	UKAS	SX	38
Potassium		1.19	mg/l		0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client: Vitacress Sala	ads Ltd. Quote Description:	Project: Surface water analysis	15002 Surface wa s	iter analys	is	
Folder No: 004147341		Sampled on:	15-May-18 @ 08:0	00		
Comments: DODDINGS I	N		,			
Quote No: 15002		Matrix:	Surface Water			
Analyte	<u>Result</u>	<u>t Units F</u>	<u>Flag</u> <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N	<8.90) mg/l		None	NLS	864
Orthophosphate, Filtered as P	<0.01	100 mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.03	300 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.00)400 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	8.90	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	<0.01	100 mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.02	200 mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	2.61	mg/l	0.3	UKAS	SX	38
Potassium	1.32	mg/l	0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water anal		15002 Surface wa	ter analys	sis	
Folder No:	004147342		Sampled of	n: ´	15-May-18 @ 08:1	0		
Comments:	DODDINGS OUT							
Quote No:	15002		Matri	x: 3	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag	g <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<8.28	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0130) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.28	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.49	mg/l		0.3	UKAS	SX	38
Potassium		1.45	mg/l		0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Surface wa	Project: ater analysis	15002 Sur s	face wa	ter analys	is	
Folder No:	004147343		Sa	mpled on:	15-May-18	@ 08:2	25		
Comments:	MANOR OUT			·	-	-			
Quote No:	15002			Matrix:	Surface W	ater			
<u>Analyte</u>		<u>Result</u>	<u>L</u>	Inits <u>F</u>	-lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<7.69	mg	/			None	NLS	864
Orthophosphate	e, Filtered as P	<0.010)0 mg/	/		0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	<0.030)0 mg/	/		0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/	/		0.004	UKAS	SX	25
Nitrogen : Total	I Oxidised as N	7.69	mg	/		0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	<0.010)0 mg/	/		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/	/		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg	/		3	UKAS	SX	869
Zinc		<5	ug/			5	UKAS	SX	34
Iron		<30	ug/			30	UKAS	SX	38
Magnesium		2.44	mg	/		0.3	UKAS	SX	38
Potassium		1.32	mg	1		0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Surface	Project: water analysis	15002 Sur	face wa	ter analys	is	
Comments:	004147344 MANOR IN			ampled on:	15-May-18	•	60		
Quote No:	15002			Matrix:	Surface W	ater			
<u>Analyte</u>		<u>Result</u>		<u>Units</u> <u>F</u>	lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	
Nitrate as N		<9.66	m	ng/l			None	NLS	864
Orthophosphate,	, Filtered as P	<0.010)0 m	ng/l		0.01	UKAS	SX	237
Ammoniacal Nitr	ogen as N	< 0.030)0 m	ng/l		0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 m	ng/l		0.004	UKAS	SX	25
Nitrogen : Total	Oxidised as N	9.66	m	ng/l		0.2	UKAS	SX	25
Orthophosphate,	, reactive as P	<0.010)0 m	ng/l		0.01	UKAS	SX	25
Phosphate : Tota	al as P	<0.020)0 m	ng/l		0.02	UKAS	SX	235
Solids, Suspende	ed at 105 C	3.27	m	ng/l		3	UKAS	SX	869
Zinc		<5	Uļ	g/l		5	UKAS	SX	34
Iron		<30	Uļ	g/l		30	UKAS	SX	38
Magnesium		2.56	m	ng/l		0.3	UKAS	SX	38
Potassium		1.60	m	ng/l		0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Proj Surface water an			urface wa	ter analys	is	
Folder No:	004147345		Sampled	on:	15-May-1	8 @ 06:0	00		
Comments:	ABBOTS ANN IN								
Quote No:	15002		Ma	trix:	Surface V	Vater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<7.88	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	.00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.88	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.71	mg/l			0.3	UKAS	SX	38
Potassium		0.859	mg/l			0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysi	15002 Surface v s	vater analys	sis	
Folder No:	004147346		Sampled on:	15-May-18 @ 06	6:10		
Comments:	ABBOTTS ANN OUT						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	Units	Flag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		5.81	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0960	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.367	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0734	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	5.88	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.102	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.135	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	7.07	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		82.5	ug/l	30	UKAS	SX	38
Magnesium		1.92	mg/l	0.3	UKAS	SX	38
Potassium		1.61	mg/l	0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		ace wa	ter analys	is	
Folder No:	004147347		Sampled on:	15-May-18	@ 06:3	30		
Comments: Quote No:	ST MARYBOURNE IN E 15002)	Matrix	Surface Wa	ater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Tes</u>	<u>stcode</u>
Nitrate as N		<6.56	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	0.0250) mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.56	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0230) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0263	B mg/l		0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	3.22	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.57	mg/l		0.3	UKAS	SX	38
Potassium		0.998	mg/l		0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa	iter analys	is	
Folder No: Comments:	004147348 ST MARYBOURNE OU		Sampled on:	15-May-18 @ 06:4	40		
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	-lag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		5.42	mg/l		None	NLS	864
Orthophosphate	e, Filtered as P	0.214	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0211	mg/l	0.004	UKAS	SX	25
Nitrogen : Total	Oxidised as N	5.44	mg/l	0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.212	mg/l	0.01	UKAS	SX	25
Phosphate : To	tal as P	0.238	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	6.02	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.59	mg/l	0.3	UKAS	SX	38
Potassium		0.729	mg/l	0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quete Description:	Project: Surface water analysis	15002 Surface wa	iter analys	is	
Folder No: Comments:	004147349 ST MARYBOURNE IN E	Quote Description:	Surface water analysis Sampled on:	s 15-May-18 @ 06:	50		
Quote No:	15002		Matrix:	Surface Water			
Analyte		<u>Result</u>	<u>Units</u> <u>F</u>	-lag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		6.72	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0450) mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0059	90 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.73	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0430) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0677	7 mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	7.62	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		173	ug/l	30	UKAS	SX	38
Magnesium		1.97	mg/l	0.3	UKAS	SX	38
Potassium		1.85	mg/l	0.1	UKAS	SX	38

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Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.		Project:	15002 Surface wa	ater analys	is	
Folder No:	004147350	Quote Description:	Surface water analysi Sampled on:		00		
Comments:	ST MARYBOURNE OU	TF	Sampled on.	15-May-18 @ 07:	00		
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_Te	<u>stcode</u>
Nitrate as N		7.16	mg/l		None	NLS	864
Orthophosphate	e, Filtered as P	0.394	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	0.526	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0709	mg/l	0.004	UKAS	SX	25
Nitrogen : Total	I Oxidised as N	7.23	mg/l	0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.424	mg/l	0.01	UKAS	SX	25
Phosphate : To	tal as P	0.581	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	10.3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		97.7	ug/l	30	UKAS	SX	38
Magnesium		2.07	mg/l	0.3	UKAS	SX	38
Potassium		4.09	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20121742 - 1

Batch description: Freshwater Analysis



Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		water analys	sis	
Folder No:	004147351		Sampled on:	15-May-18 @ 0	7:15		
Comments:	ST MARYBOURNE RIV	'ER					
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MR</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		6.38	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.0280	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	trogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0071	0 mg/l	0.00	4 UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.39	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.0270) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0374	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.61	mg/l	0.3	UKAS	SX	38
Potassium		1.00	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20121742 - 1

Batch description: Freshwater Analysis



Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		rface wa	iter analys	is	
Folder No:	004147352		Sampled on:	15-May-1	8 @ 07:5	50		
Comments:	PINGLESTONE IN							
Quote No:	15002		Matrix:	Surface V	Vater			
<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		<7.48	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0200	mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	.00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.48	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0180	mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0228	mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.94	mg/l		0.3	UKAS	SX	38
Potassium		1.22	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20121742 - 1

Batch description: Freshwater Analysis



Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		face wa	ter analys	is	
Folder No:	004147353		Sampled on:	15-May-18	3 @ 08:0	00		
Comments:	PINGLESTONE OUT							
Quote No:	15002		Matrix:	Surface W	/ater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		6.23	mg/l			None	NLS	864
Orthophosphat	e, Filtered as P	<0.010	0 mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0071	0 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	6.24	mg/l		0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010	0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0278	mg/l		0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	5.22	mg/l		3	UKAS	SX	869
Zinc		20.7	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.91	mg/l		0.3	UKAS	SX	38
Potassium		0.843	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20121742 - 1

Batch description: Freshwater Analysis



Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Surface water ana		15002 Surface wa	ater analys	sis	
Folder No:	004147354		Sampled o	on:	15-May-18 @ 08:	20		
Comments:	WARNFORD IN SH							
Quote No:	15002		Matr	ix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Fla</u>	ag <u>MRV</u>	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		<5.71	mg/l			None	NLS	864
Orthophospha	te, Filtered as P	<0.010)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	5.71	mg/l		0.2	UKAS	SX	25
Orthophospha	te, reactive as P	<0.010)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.97	mg/l		0.3	UKAS	SX	38
Potassium		0.754	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20121742 - 1

Batch description: Freshwater Analysis



Reported on: 29-May-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		rface wa	iter analys	is	
Folder No:	004147355		Sampled on:	15-May-18	8 @ 08:3	30		
Comments: Quote No:	WARNFORD OUT SH 15002		Matrix:	Surface W	/ator			
	15002							
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID Tes	
Nitrate as N		6.00	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0970	mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0730	mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0051	0 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.01	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.165	mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.181	mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.07	mg/l		0.3	UKAS	SX	38
Potassium		0.721	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20121742 - 1



Batch description: Freshwater Analysis

Reported on: 29-May-2018

Method Description Summary for all samples in batch Number 20121742

- SX I Nutrients determined colorimetrically by CF autoanalyser 25
- SX M ICPMS Routine Metals acid digested; determined by ICPMS 34
- SX M ICPOES Routine Metals acid digested; determined by ICPOES 38
- 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoanalyser SX I Saline Nutrients - determined colorimetrically by discrete analyser
- 237
- 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

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD

NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

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

Dear Doreen

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

Samples Registered on:	28-Jun-2018
Analysis Started on:	28-Jun-2018
Analysis Completed on:	06-Jul-2018
Results for Batch Number	20123194
Your Purchase Order Number:	B10064112
You will be invoiced shortly by our accounts department.	

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

Yours sincerely

SPA

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.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.		Proje	ect:	15002 S	urface wa	ter analys	is	
		Quote Description:	Surface water and	alysis	5				
Folder No:	004182880		Sampled of	on:	26-Jun-1	8 @ 07:0	0		
Comments:	Spetisbury in								
Quote No:	15002		Mati	rix:	Surface	Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u> s	<u>stcode</u>
Nitrate as N		<10.9	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0160) mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.9	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0140) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	6.83	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.29	mg/l			0.3	UKAS	SX	38
Potassium		1.81	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysi	15002 Surface was	iter analys	sis	
Folder No: Comments:	004182881 Sspetisbury out		Sampled on:	26-Jun-18 @ 07:1	5		
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		7.72	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0100) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0580) mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0202	2 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.74	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010)0 mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0266	6 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.15	mg/l	0.3	UKAS	SX	38
Potassium		1.05	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.		Projec	ct:	15002 Surface	water analys	sis	
		Quote Description:	Surface water anal	lysis				
Folder No:	004182882		Sampled o	n:	26-Jun-18 @ 07	7:50		
Comments:	hollybush in							
Quote No:	15002		Matri	ix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>FI</u>	lag <u>MR</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<12.0	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	00 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.00	4 UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.0	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0120	mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.39	mg/l		0.3	UKAS	SX	38
Potassium		1.44	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.		Project:	15002 Surface wa	ater analys	is	
		Quote Description:	Surface water analysi	s			
Folder No:	004182883		Sampled on:	26-Jun-18 @ 08:0	00		
Comments:	Hollybush out						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		10.5	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0120) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0244	l mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.5	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0100) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	3.93	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.48	mg/l	0.3	UKAS	SX	38
Potassium		1.18	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Surface water ar	ject: nalvsis	15002 Sur	face wa	ter analys	is	
Folder No: Comments:	004182884 doddings in		Sampled	on:	26-Jun-18	0	0		
Quote No:	15002		Ma	itrix:	Surface W	ater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		<7.76	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.76	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0100) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.55	mg/l			0.3	UKAS	SX	38
Potassium		1.44	mg/l			0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa	iter analys	is	
Folder No: Comments:	004182885 doddings out		Sampled on:	26-Jun-18 @ 08:2	0		
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>		lag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	
Nitrate as N		5.66	mg/l		None	NLS	864
Orthophosphate	e, Filtered as P	0.0730	0 mg/l	0.01	UKAS	SX	237
Ammoniacal Niti	rogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0200	0 mg/l	0.004	UKAS	SX	25
Nitrogen : Total	Oxidised as N	5.68	mg/l	0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.0770	0 mg/l	0.01	UKAS	SX	25
Phosphate : Tota	al as P	0.113	mg/l	0.02	UKAS	SX	235
Solids, Suspend	led at 105 C	4.08	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.64	mg/l	0.3	UKAS	SX	38
Potassium		1.01	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.		Project:	15002 Surface wa	iter analys	is	
		Quote Description:	Surface water analysis	5			
Folder No:	004182886		Sampled on:	26-Jun-18 @ 09:0	5		
Comments:	Manor out						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	-lag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		4.80	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0660	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.0360	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0173	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	4.82	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0690	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0809	mg/l ^a	QB 0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.82	mg/l	0.3	UKAS	SX	38
Potassium		1.62	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.		Proje	ect:	15002 Surface w	ater analys	sis	
		Quote Description:	Surface water and	alysis	i			
Folder No:	004182887		Sampled	on:	26-Jun-18 @ 09:	30		
Comments:	Manor in							
Quote No:	15002		Mat	rix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>FI</u>	lag <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<9.82	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	0 mg/l		0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030	0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	.00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	9.82	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	0 mg/l	QE	в 0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.66	mg/l		0.3	UKAS	SX	38
Potassium		2.49	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quete Description	Projec		15002 Surface wa	ter analys	sis	
Folder No: Comments:	004182888 Abbotts ann in	Quote Description:	Surface water anal Sampled o		26-Jun-18 @ 06:0	0		
Quote No:	15002		Matri	x:	Surface Water			
Analyte		<u>Result</u>	<u>Units</u>	Fla	ag <u>MRV</u>	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		<7.48	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0110) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.48	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010)0 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l	QB	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.69	mg/l		0.3	UKAS	SX	38
Potassium		0.926	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa	iter analys	is	
Folder No:	004182889	•	Sampled on:	26-Jun-18 @ 06:1	0		
Comments: Quote No:	Abbotts ann out 15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	-lag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		5.07	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.222	mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0590	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0254	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.10	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.234	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.325	mg/l ^ជ	QB 0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	10.1	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		70.5	ug/l	30	UKAS	SX	38
Magnesium		2.16	mg/l	0.3	UKAS	SX	38
Potassium		0.809	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water ana		15002 Surface wa	ater analys	sis	
Folder No: Comments:	004182890 st marybourne d in		Sampled o	on:	26-Jun-18 @ 06:3	30		
Quote No:	15002		Matri		Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>FI</u>	lag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	
Nitrate as N		<6.66	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0270) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.66	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0270) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0273	3 mg/l	QE	в 0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.53	mg/l		0.3	UKAS	SX	38
Potassium		0.986	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client: Vitacress Sa	alads Ltd. Quote Description		-]	15002 Surface wa	ter analys	is	
Folder No: 004182891	·	Sample	ed on: 2	26-Jun-18 @ 06:4	0		
Comments: st marybour	rne d out						
Quote No: 15002		N	latrix:	Surface Water			
<u>Analyte</u>	Resu	<u>It</u> <u>Units</u>	<u>Fla</u>	g <u>MRV</u>	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N	4.90	mg/l			None	NLS	864
Orthophosphate, Filtered as F	D 0.03	90 mg/l		0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.0	300 mg/l		0.03	UKAS	SX	25
Nitrite as N	0.01	40 mg/l		0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	N 4.91	mg/l		0.2	UKAS	SX	25
Orthophosphate, reactive as F	P 0.04	00 mg/l		0.01	UKAS	SX	25
Phosphate : Total as P	0.06	16 mg/l	QB	0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc	<5	ug/l		5	UKAS	SX	34
Iron	<30	ug/l		30	UKAS	SX	38
Magnesium	1.52	mg/l		0.3	UKAS	SX	38
Potassium	0.64	5 mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.		Project	t: 15	5002 Surface wa	ter analys	is	
		Quote Description:	Surface water analy	/sis				
Folder No:	004182892		Sampled on	n: 26	6-Jun-18 @ 06:5	0		
Comments:	st marybourne e in							
Quote No:	15002		Matrix	c: Si	urface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<6.75	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0420) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.75	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0410) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0482	2 mg/l	QB	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	4.73	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		67.4	ug/l		30	UKAS	SX	38
Magnesium		1.63	mg/l		0.3	UKAS	SX	38
Potassium		1.39	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client: Vitacress Sala	ds Ltd. Quote Description:	Project: Surface water analysi	15002 Surface was	iter analys	sis	
Folder No: 004182893		Sampled on:	26-Jun-18 @ 07:0	0		
Comments: st marybourne	e out					
Quote No: 15002		Matrix:	Surface Water			
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N	1.37	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.141	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	0.554	mg/l	0.03	UKAS	SX	25
Nitrite as N	0.192	mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	1.56	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.157	mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	0.209	mg/l	QB 0.02	UKAS	SX	235
Solids, Suspended at 105 C	6.33	mg/l	3	UKAS	SX	869
Zinc	5.18	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	1.36	mg/l	0.3	UKAS	SX	38
Potassium	3.51	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys	15002 Surface w	ater analys	sis	
Folder No: Comments:	004182894 st marybourne River		Sampled on:		:10		
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		6.33	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0240) mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030)0 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0122	2 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.34	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0240) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0290) mg/l	QB 0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.56	mg/l	0.3	UKAS	SX	38
Potassium		0.858	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quete Description	Proje		15002 Surface wa	iter analys	sis	
Folder No: Comments: Quote No:	004182895 pinglestone in 15002	Quote Description:	Surface water ana Sampled c Matr	on:	26-Jun-18 @ 07:4 Surface Water	5		
Analyte		<u>Result</u>	Units	<u>FI</u>	lag <u>MRV</u>	Accred	Lab ID_Te	stcode
Nitrate as N		<7.59	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0230) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.59	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0230) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0230) mg/l	QE	³ 0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.91	mg/l		0.3	UKAS	SX	38
Potassium		1.24	mg/l		0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		Irface wa	ter analys	is	
Folder No:	004182896		Sampled on:	26-Jun-1	8 @ 08:0	0		
Comments:	pinglestone out							
Quote No:	15002		Matrix	Surface V	Vater			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag</u>	<u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		5.97	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0130) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0098	30 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.98	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0120) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l	QB	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	4.68	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.89	mg/l		0.3	UKAS	SX	38
Potassium		0.977	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client: Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		ater analys	is	
Folder No: 004182897 Comments: warnford sh in		Sampled on:	26-Jun-18 @ 08:2	20		
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_Te:	<u>stcode</u>
Nitrate as N	<5.78	mg/l		None	NLS	864
Orthophosphate, Filtered as P	0.0110) mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N	<0.030)0 mg/l	0.03	UKAS	SX	25
Nitrite as N	<0.004	100 mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N	5.78	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P	0.0120) mg/l	0.01	UKAS	SX	25
Phosphate : Total as P	<0.020)0 mg/l	QB 0.02	UKAS	SX	235
Solids, Suspended at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc	<5	ug/l	5	UKAS	SX	34
Iron	<30	ug/l	30	UKAS	SX	38
Magnesium	1.91	mg/l	0.3	UKAS	SX	38
Potassium	0.749	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1

Batch description: Aqueous Samples



Reported on: 06-Jul-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys	15002 Surface wa	ater analys	is	
Folder No: Comments: Quote No:	004182898 warnford sh out 15002		Sampled on: Matrix:	26-Jun-18 @ 08:	30		
	15002	Destit			Acercad		
<u>Analyte</u> Nitrate as N		<u>Result</u> 7.22	<u>Units</u> mg/l	<u>Flag MRV</u>	<u>Accred</u> None	<u>Lab ID_Te</u> s NLS	<u>sicoae</u> 864
	te, Filtered as P	0.0160	-	0.01	UKAS	SX	237
Ammoniacal N		<0.030		0.03	UKAS	SX	25
Nitrite as N	0	0.0047	-	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.22	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0170) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0261	l mg/l	QB 0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.05	mg/l	0.3	UKAS	SX	38
Potassium		0.759	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20123194 - 1



Batch description: Aqueous Samples

Reported on: 06-Jul-2018

Method Description Summary for all samples in batch Number 20123194

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoanal
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
 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 = Notingham, 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

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

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

Dear Doreen

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

Samples Registered on:	27-Jul-2018
Analysis Started on:	27-Jul-2018
Analysis Completed on:	01-Aug-2018
Results for Batch Number	20124051
Your Purchase Order Number:	B10064112
You will be invoiced shortly by our accounts department.	

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

Yours sincerely

SPA

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.

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Proje Surface water ana		15002 Sur	face wa	ter analys	is	
Folder No: Comments:	004202426 Spetisbury in		Sampled of	on:	26-Jul-18	@ 07:00)		
Quote No:	15002		Mati	rix:	Surface W	/ater			
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	Lab ID_Te:	stcode
Nitrate as N		<10.4	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	0.0120	0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.4	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0200	0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.22	mg/l			0.3	UKAS	SX	38
Potassium		1.70	mg/l			0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa	ter analys	is	
Folder No:	004202427	•	Sampled on:	26-Jul-18 @ 07:10)		
Comments:	Spetisbury out			-			
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	lag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		7.93	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0160	mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0350	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0173	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	7.95	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0220	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0277	mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		10.8	ug/l	5	UKAS	SX	34
Iron		44.0	ug/l	30	UKAS	SX	38
Magnesium		2.16	mg/l	0.3	UKAS	SX	38
Potassium		0.930	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project Surface water analy	••	15002 Surface wa	ter analys	sis	
Folder No:	004202428		Sampled or	n: 2	26-Jul-18 @ 07:35	i		
Comments:	Hollybush in							
Quote No:	15002		Matrix	c 8	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag	g <u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<12.1	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0120	mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	00 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	12.1	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0170	mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.46	mg/l		0.3	UKAS	SX	38
Potassium		0.943	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water analy		15002 Surface wa	ter analys	sis	
Folder No: Comments:	004202429 Hollybush out	p	Sampled or	,	26-Jul-18 @ 07:45			
Quote No:	15002		Matrix	x: \$	Surface Water			
<u>Analyte</u> Nitrate as N		<u>Result</u> 9.06	<u>Units</u> mg/l	<u>Fla</u>	g <u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Te</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	<0.010)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	0.0460) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0452	2 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	9.11	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	0.590	mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	86.2	mg/l		3	UKAS	SX	869
Zinc		10.6	ug/l		5	UKAS	SX	34
Iron		608	ug/l		30	UKAS	SX	38
Magnesium		2.54	mg/l		0.3	UKAS	SX	38
Potassium		2.19	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Pr Surface water a	oject: analvsis	15002 Surfa	ace wa	ter analys	is	
Folder No: Comments:	004202430 Doddings in		Sample	ed on:	26-Jul-18 @				
Quote No:	15002		N	latrix:	Surface Wa	ter			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u></u>	lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<10.2	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.2	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0110) mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.43	mg/l			0.3	UKAS	SX	38
Potassium		1.64	mg/l			0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Surface wat	Project: er analysis	15002 Surfa	ace wa	ter analys	is	
Folder No:	004202431		San	pled on:	26-Jul-18 @	08:05			
Comments:	Doddings out								
Quote No:	15002			Matrix:	Surface Wa	ater			
<u>Analyte</u>		<u>Result</u>	<u>Ur</u>	<u>its F</u>	lag	<u>MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		<8.70	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010)0 mg/l			0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	8.70	mg/l			0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l			0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.48	mg/l			0.3	UKAS	SX	38
Potassium		1.48	mg/l			0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		face wa	ter analys	is	
Folder No: Comments: Quote No:	004202432 Manor out 15002	Quoto Doosi pironi	Sampled on: Matrix:	26-Jul-18 (5		
Analyte		Result	Units	Flag	MRV	Accred	Lab ID Tes	stcode
Nitrate as N		5.99	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	<0.010	00 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0177	7 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.01	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.32	mg/l		0.3	UKAS	SX	38
Potassium		0.233	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Pro Surface water a	oject: nalvsis	15002 Sur	face wa	ter analys	is	
Folder No: Comments: Quote No:	004202433 Manor in 15002		Sample	5	26-Jul-18 (Surface W	_	i		
Analyte		<u>Result</u>	<u>Units</u>	<u></u>	lag	MRV	Accred	Lab ID_Te:	stcode
Nitrate as N		<8.17	mg/l				None	NLS	864
Orthophosphat	e, Filtered as P	<0.010)0 mg/l			0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	<0.030)0 mg/l			0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l			0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	8.17	mg/l			0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	<0.010)0 mg/l			0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l			0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		2.40	mg/l			0.3	UKAS	SX	38
Potassium		1.34	mg/l			0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water anal		15002 Surfac	e wa	ter analys	sis	
Folder No:	004202434		Sampled or	n:	26-Jul-18 @ (06:00)		
Comments:	Abbotts Ann in								
Quote No:	15002		Matri	X:	Surface Wate	r			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Fla	ag <u>M</u>	RV	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		<10.4	mg/l				None	NLS	864
Orthophosphat	te, Filtered as P	<0.010)0 mg/l		0.	01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.	03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.	004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	10.4	mg/l		0.	2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0120) mg/l		0.	01	UKAS	SX	25
Phosphate : To	otal as P	<0.020)0 mg/l		0.	02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3		UKAS	SX	869
Zinc		<5	ug/l		5		UKAS	SX	34
Iron		<30	ug/l		30)	UKAS	SX	38
Magnesium		1.83	mg/l		0.	3	UKAS	SX	38
Potassium		0.955	mg/l		0.	1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa s	ter analys	sis	
Folder No:	004202435		Sampled on:	26-Jul-18 @ 06:10)		
Comments:	Abbotts Ann out						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	-lag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		10.4	mg/l		None	NLS	864
Orthophosphat	e, Filtered as P	0.420	mg/l	0.01	UKAS	SX	237
Ammoniacal Ni	itrogen as N	0.493	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0637	mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	l Oxidised as N	10.5	mg/l	0.2	UKAS	SX	25
Orthophosphat	e, reactive as P	0.415	mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.510	mg/l	0.02	UKAS	SX	235
Solids, Suspen	ided at 105 C	8.37	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.17	mg/l	0.3	UKAS	SX	38
Potassium		4.28	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys		e water analys	is	
Folder No:	004202436		Sampled on:		06:30		
Comments: Q <u>uote No:</u>	St Marybourne d in 15002		Matrix:	Surface Wate	r		
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag M</u>	RV <u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		<6.71	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0360	0 mg/l	0.	01 UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0.	03 UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.	004 UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.71	mg/l	0.	2 UKAS	SX	25
Orthophospha	te, reactive as P	0.0290	0 mg/l	0.	01 UKAS	SX	25
Phosphate : To	otal as P	0.0259	9 mg/l	0.	02 UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.53	mg/l	0.	3 UKAS	SX	38
Potassium		0.993	mg/l	0.	1 UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa s	iter analys	sis	
Folder No:	004202437		Sampled on:	26-Jul-18 @ 06:40)		
Comments:	St Marybourne d out						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	<u>-lag MRV</u>	<u>Accred</u>	<u>Lab ID_Te</u>	<u>stcode</u>
Nitrate as N		5.09	mg/l		None	NLS	864
Orthophosphat	te, Filtered as P	0.0120) mg/l	0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0172	2 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	5.11	mg/l	0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0170) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0248	3 mg/l	0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.51	mg/l	0.3	UKAS	SX	38
Potassium		0.398	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analys	15002 Surface wa	ater analys	is	
Folder No: Comments:	004202438 St Marybourne e in		Sampled on:	26-Jul-18 @ 06:5	0		
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	Flag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	<u>stcode</u>
Nitrate as N		<6.65	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0400	0 mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		<0.004	400 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.65	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0600	0 mg/l	0.01	UKAS	SX	25
Phosphate : Te	otal as P	0.0728	8 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	4.87	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		78.6	ug/l	30	UKAS	SX	38
Magnesium		1.62	mg/l	0.3	UKAS	SX	38
Potassium		1.70	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa	ter analys	sis	
Folder No:	004202439		Sampled on:	26-Jul-18 @ 07:00)		
Comments:	St Marybourne e out						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	lag <u>MRV</u>	<u>Accred</u>	Lab ID_Te	<u>stcode</u>
Nitrate as N		4.16	mg/l		None	NLS	864
Orthophosphate,	Filtered as P	0.0770	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitro	ogen as N	0.0770	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0697	mg/l	0.004	UKAS	SX	25
Nitrogen : Total C	Oxidised as N	4.23	mg/l	0.2	UKAS	SX	25
Orthophosphate,	reactive as P	0.0840	mg/l	0.01	UKAS	SX	25
Phosphate : Tota	al as P	0.113	mg/l	0.02	UKAS	SX	235
Solids, Suspende	ed at 105 C	6.07	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.80	mg/l	0.3	UKAS	SX	38
Potassium		1.10	mg/l	0.1	UKAS	SX	38

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN



Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa s	iter analys	is	
Folder No:	004202440		Sampled on:	26-Jul-18 @ 07:1	5		
Comments:	St Marybourne river		•	-			
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Flag MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		6.58	mg/l		None	NLS	864
Orthophospha	te, Filtered as P	0.0210) mg/l	0.01	UKAS	SX	237
Ammoniacal N	litrogen as N	<0.030	00 mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0128	3 mg/l	0.004	UKAS	SX	25
Nitrogen : Tota	al Oxidised as N	6.59	mg/l	0.2	UKAS	SX	25
Orthophospha	te, reactive as P	0.0250) mg/l	0.01	UKAS	SX	25
Phosphate : To	otal as P	0.0269	9 mg/l	0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		1.52	mg/l	0.3	UKAS	SX	38
Potassium		0.910	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Proj Surface water an		15002 Sur	face wa	ter analys	is	
Folder No:	004202441		Sampled	on:	26-Jul-18	@ 08:00)		
Comments: Quote No:	Pinglestone in 15002		Ma	trix:	Surface W	ater			
Analyte	10002	Result	-	-		MRV	Accred	Lab ID_Te:	stcode
Nitrate as N		<6.82	mg/l	<u>_</u>	lag	<u>IVII (V</u>	None	NLS	864
Orthophosphate	e, Filtered as P	0.0210	D mg/l			0.01	UKAS	SX	237
Ammoniacal Nit	rogen as N	<0.030	00 mg/l			0.03	UKAS	SX	25
Nitrite as N		< 0.004	400 mg/l			0.004	UKAS	SX	25
Nitrogen : Total	Oxidised as N	6.82	mg/l			0.2	UKAS	SX	25
Orthophosphate	e, reactive as P	0.0240) mg/l			0.01	UKAS	SX	25
Phosphate : Tot	tal as P	0.0229	9 mg/l			0.02	UKAS	SX	235
Solids, Suspend	ded at 105 C	<3	mg/l			3	UKAS	SX	869
Zinc		<5	ug/l			5	UKAS	SX	34
Iron		<30	ug/l			30	UKAS	SX	38
Magnesium		1.83	mg/l			0.3	UKAS	SX	38
Potassium		1.08	mg/l			0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water analy		15002 Surface wa	ter analys	sis	
Folder No: Comments:	004202442 Pinglestone out		Sampled or	n: 2	26-Jul-18 @ 08:10			
Quote No:	15002		Matrix	x: 5	Surface Water			
<u>Analyte</u> Nitrate as N		<u>Result</u> 6.09	<u>Units</u> mg/l	<u>Flac</u>	g <u>MRV</u>	<u>Accred</u> None	<u>Lab ID_Te</u> NLS	<u>stcode</u> 864
Orthophosphat	te, Filtered as P	<0.010)0 mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	0.0440) mg/l		0.03	UKAS	SX	25
Nitrite as N		0.0448	B mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	6.13	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	<0.010	00 mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Susper	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		1.87	mg/l		0.3	UKAS	SX	38
Potassium		0.950	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Projec Surface water analy		15002 Surface wa	ter analys	sis	
Folder No:	004202443		Sampled or	า:	26-Jul-18 @ 08:30)		
Comments:	Warnford wr in							
Quote No:	15002		Matrix	x :	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Fla</u>	ag <u>MRV</u>	<u>Accred</u>	Lab ID_Te:	<u>stcode</u>
Nitrate as N		<7.92	mg/l			None	NLS	864
Orthophosphat	te, Filtered as P	0.0160) mg/l		0.01	UKAS	SX	237
Ammoniacal N	itrogen as N	<0.030)0 mg/l		0.03	UKAS	SX	25
Nitrite as N		<0.004	100 mg/l		0.004	UKAS	SX	25
Nitrogen : Tota	I Oxidised as N	7.92	mg/l		0.2	UKAS	SX	25
Orthophosphat	te, reactive as P	0.0200) mg/l		0.01	UKAS	SX	25
Phosphate : To	otal as P	<0.020	00 mg/l		0.02	UKAS	SX	235
Solids, Suspen	nded at 105 C	<3	mg/l		3	UKAS	SX	869
Zinc		<5	ug/l		5	UKAS	SX	34
Iron		<30	ug/l		30	UKAS	SX	38
Magnesium		2.20	mg/l		0.3	UKAS	SX	38
Potassium		0.766	mg/l		0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1

Batch description: Aqueous Samples



Reported on: 01-Aug-2018

Client:	Vitacress Salads Ltd.	Quote Description:	Project: Surface water analysis	15002 Surface wa	ater analys	is	
Folder No:	004202444		Sampled on:	26-Jul-18 @ 08:4	5		
Comments:	Warnford wr out						
Quote No:	15002		Matrix:	Surface Water			
<u>Analyte</u>		<u>Result</u>	<u>Units</u> <u>F</u>	-lag <u>MRV</u>	<u>Accred</u>	Lab ID_Tes	stcode
Nitrate as N		5.78	mg/l		None	NLS	864
Orthophosphate, Filtered as P		0.0160	mg/l	0.01	UKAS	SX	237
Ammoniacal Nitrogen as N		0.0470	mg/l	0.03	UKAS	SX	25
Nitrite as N		0.0431	mg/l	0.004	UKAS	SX	25
Nitrogen : Total Oxidised as N		5.82	mg/l	0.2	UKAS	SX	25
Orthophosphate, reactive as P		0.0170	mg/l	0.01	UKAS	SX	25
Phosphate : Total as P		0.0295	mg/l	0.02	UKAS	SX	235
Solids, Suspended at 105 C		<3	mg/l	3	UKAS	SX	869
Zinc		<5	ug/l	5	UKAS	SX	34
Iron		<30	ug/l	30	UKAS	SX	38
Magnesium		2.04	mg/l	0.3	UKAS	SX	38
Potassium		0.970	mg/l	0.1	UKAS	SX	38

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Analytical Report

Final Report

Report ID - 20124051 - 1



Batch description: Aqueous Samples

Reported on: 01-Aug-2018

Method Description Summary for all samples in batch Number 20124051

- 25 SX I Nutrients determined colorimetrically by CF autoanalyser
- 34 SX M ICPMS Routine Metals acid digested; determined by ICPMS
- 38 SX M ICPOES Routine Metals acid digested; determined by ICPOES 235 SX I Phosphate - (total) - digested; determined colorimetrically by autoanal
- SX I Phosphate (total) digested; determined colorimetrically by autoanalyser
 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.

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

NLS Leeds Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD NLS Nottingham Meadow Lane Nottingham NG2 3HN

