

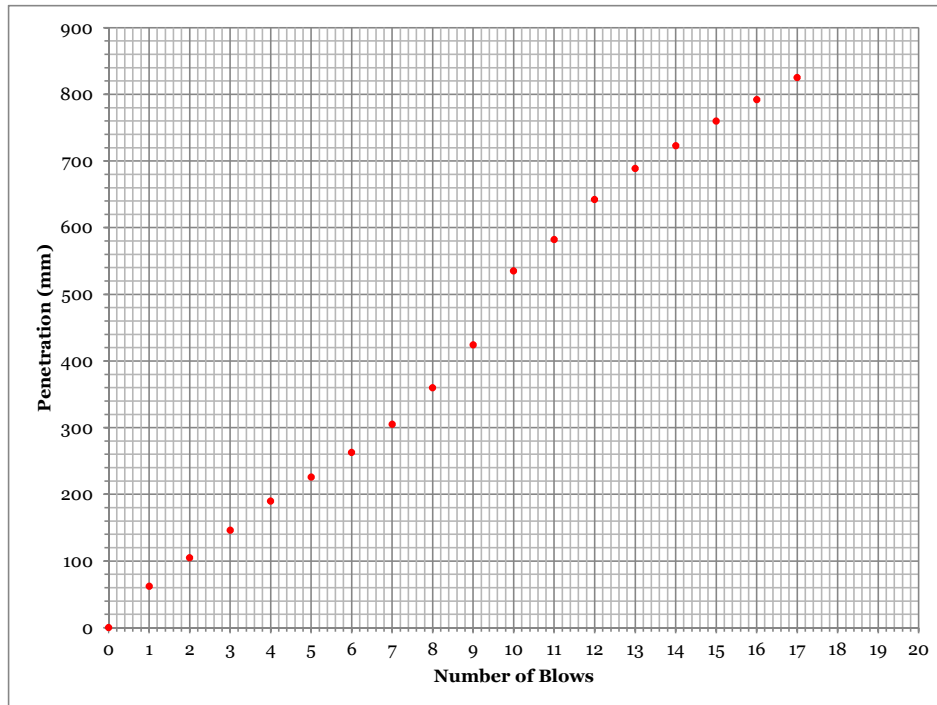
APPENDIX C

In situ Test Results



Dynamic Cone Penetrometer Test Results
Project Number: E-E1663.00
Project Name: Brookfield, Providence Hill
Client: Triangle Property Developments Ltd
Test Location: DCP1
Depth at Start of Test: 0.0m
Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
0	400			Topsoil
400	525	1	1.8347	Sandy silty CLAY(assumed)
525	825	7	5.68789	Sandy silty CLAY(assumed)

Notes
Test commenced at 0.0m (Ground Level)



Dynamic Cone Penetrometer Test Results

Project Number: E-E1663.00

Project Name: Brookfield, Providence Hill

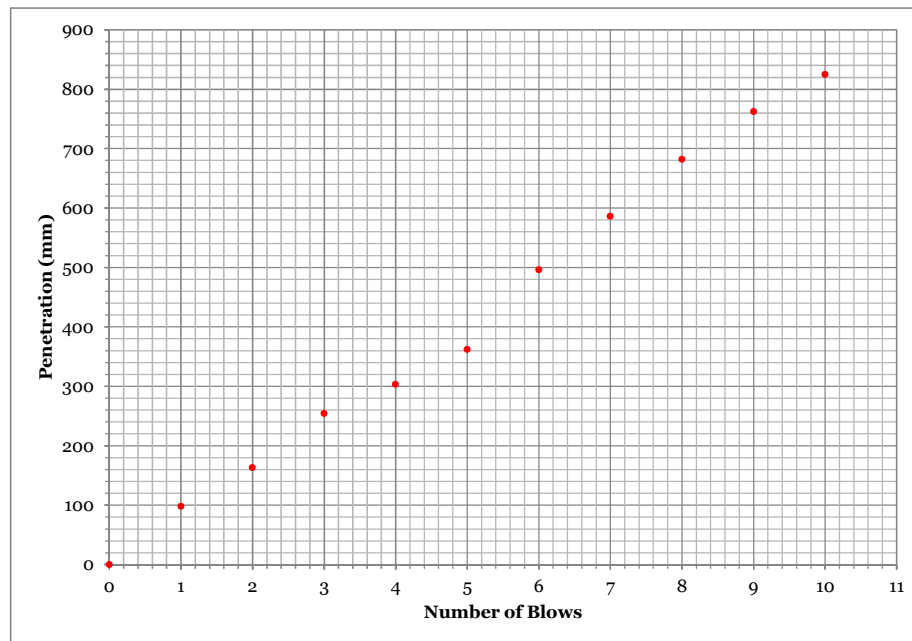
Client: Triangle Property Developments Ltd

Test Location: DCP2

Depth at Start of Test: 0.0m

Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
0	400			Topsoil
400	825	5	2.75806	silty CLAY

Notes
Test commenced at 0.0m (Ground Level)



Dynamic Cone Penetrometer Test Results

Project Number: E-E1663.00

Project Name: Brookfield, Providence Hill

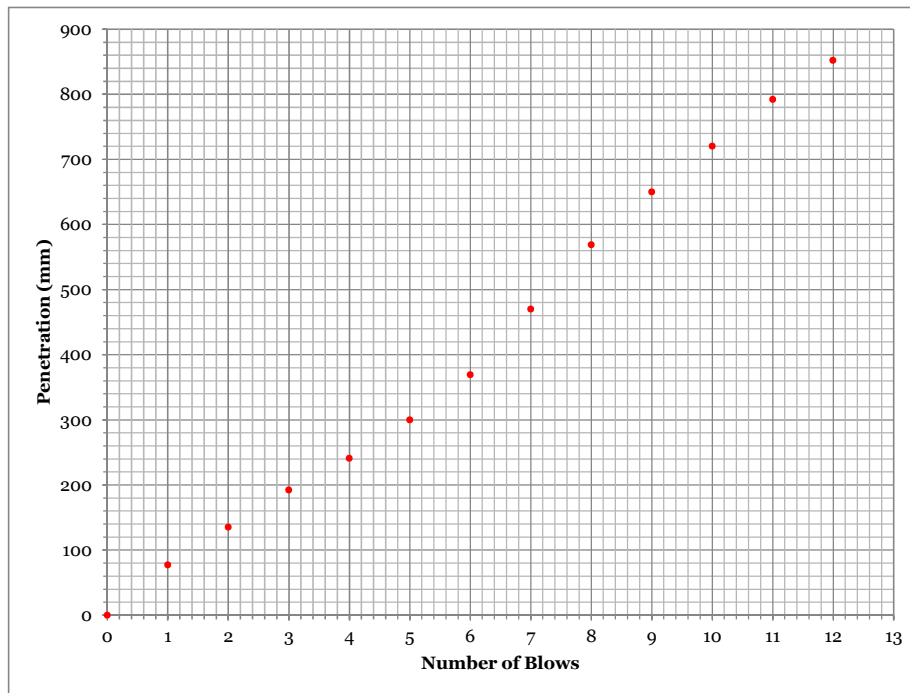
Client: Triangle Property Developments Ltd

Test Location: DCP3

Depth at Start of Test: 0.0m

Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
0	300			Topsoil
300	570	3	2.59636	Silty sandy CLAY (assumed)
570	850	4	3.38635	Silty sandy CLAY (assumed)

Notes
Test commenced at 0.0m (Ground Level)



Dynamic Cone Penetrometer Test Results

Project Number: E-E1663.00

Project Name: Brookfield, Providence Hill

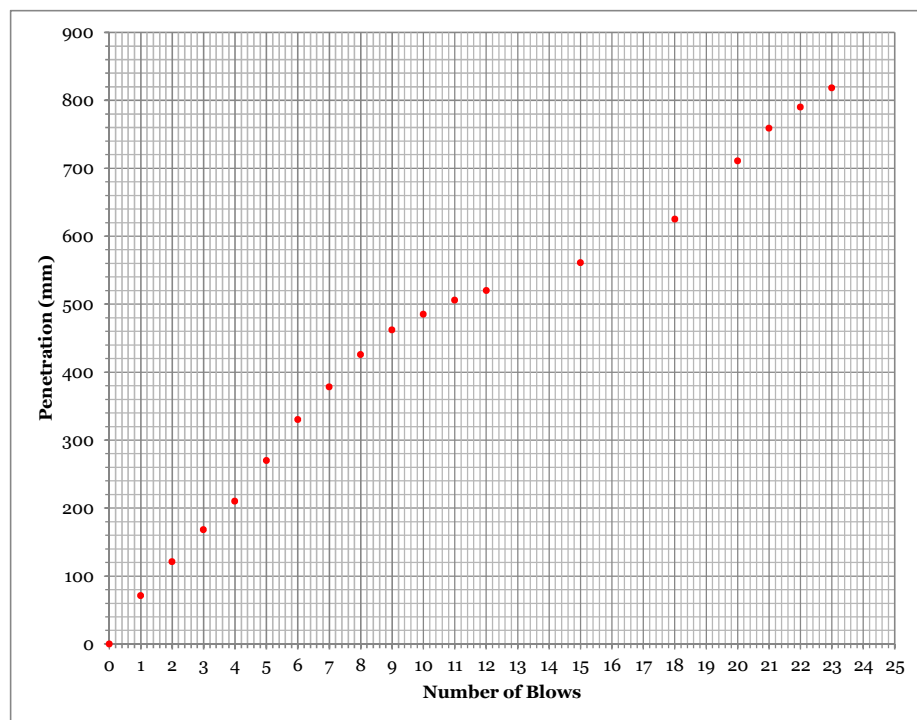
Client: Triangle Property Developments Ltd

Test Location: DCP4

Depth at Start of Test: 0.0m

Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
0	250			Topsoil
250	460	4	4.58978	Gravelly sandy silty CLAY
460	560	6	15.435	Gravelly sandy silty CLAY
560	820	8	7.61972	Gravelly sandy silty CLAY

Notes
Test commenced at 0.0m (Ground Level)



Dynamic Cone Penetrometer Test Results

Project Number: E-E1663.00

Project Name: Brookfield, Providence Hill

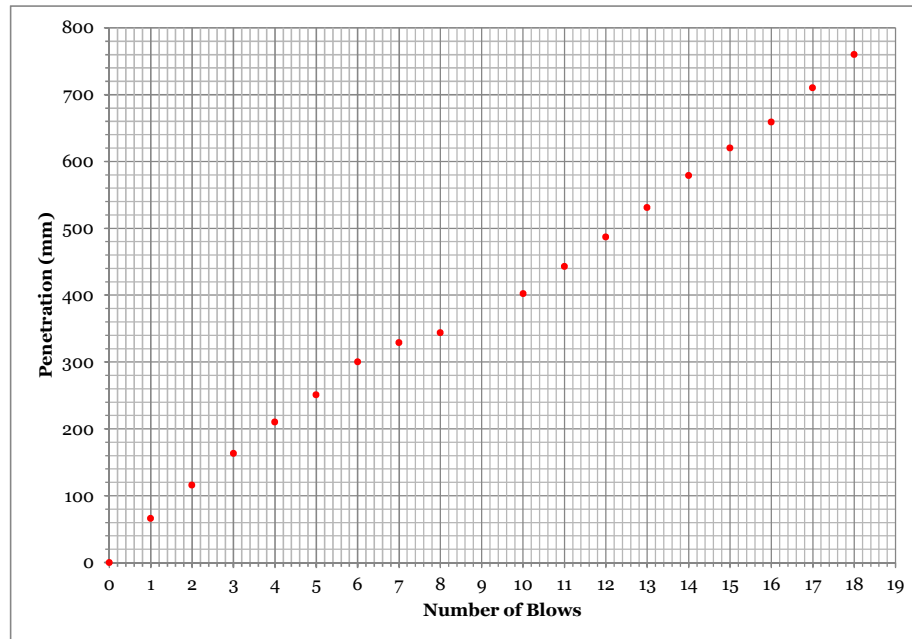
Client: Triangle Property Developments Ltd

Test Location: DCP5

Depth at Start of Test: 0.0m

Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
0	300			Topsoil
300	400	4	10.0549	Silty sandy Clay
400	760	8	5.402	Silty sandy Clay

Notes
Test commenced at 0.0m (Ground Level)



Dynamic Cone Penetrometer Test Results

Project Number: E-E1663.00

Project Name: Brookfield, Providence Hill

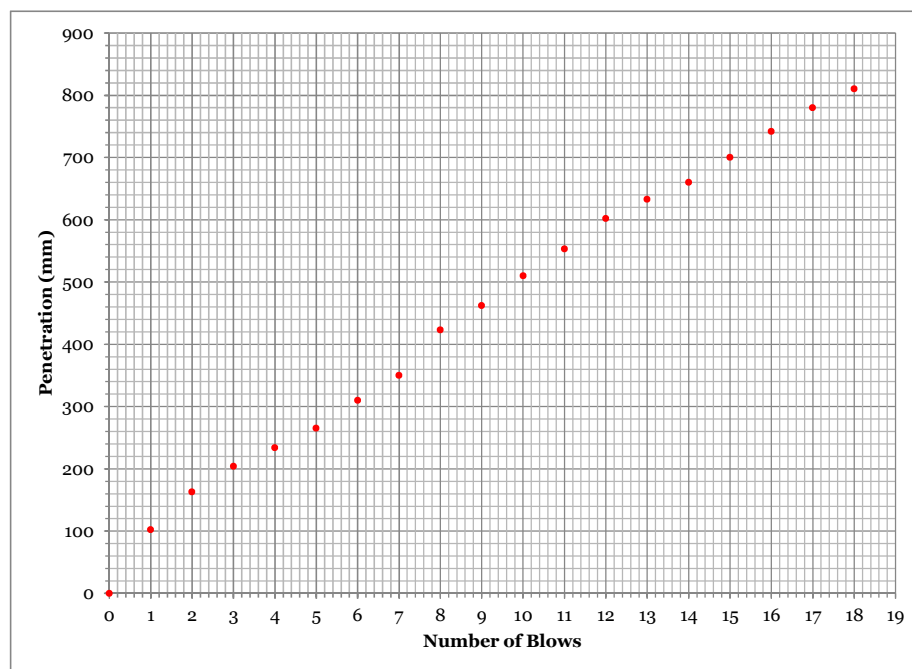
Client: Triangle Property Developments Ltd

Test Location: DCP6

Depth at Start of Test: 0.0m

Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
GL	650			Topsoil
650	810	4	6.11818	Silty sandy gravelly CLAY

Notes
Test commenced at 0.0m (Ground Level)



Dynamic Cone Penetrometer Test Results

Project Number: E-E1663.00

Project Name: Brookfield, Providence Hill

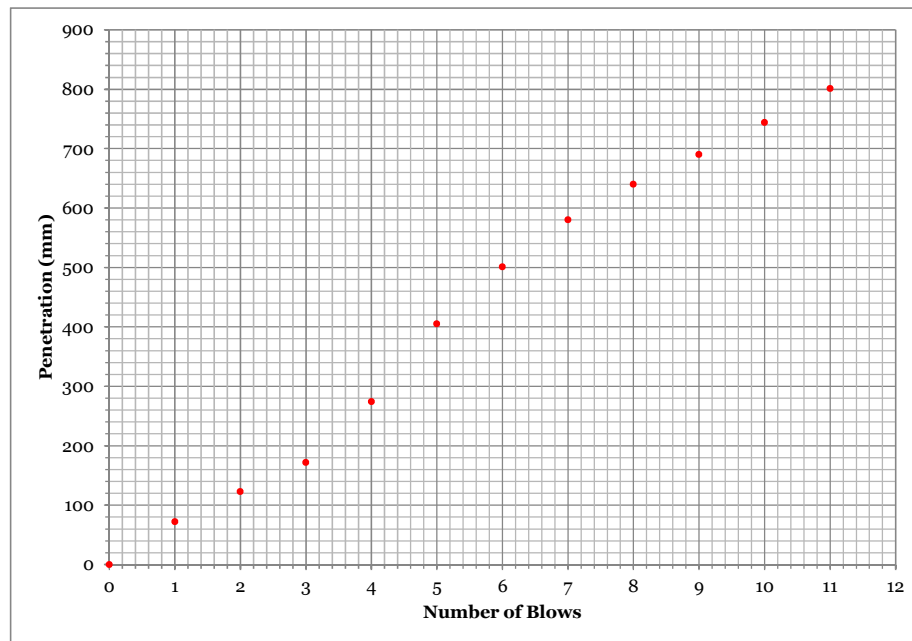
Client: Triangle Property Developments Ltd

Test Location: DCP7

Depth at Start of Test: 0.0m

Date of Test: 27/01/2017

Blows vs Penetration Graph



Range Top	Range Bottom	Blow count	CBR(%)	Stratum
0	200			Topsoil
200	500	3	2.32274	silty CLAY
500	800	5	3.9856	silty CLAY

Notes
Test commenced at 0.0m (Ground Level)

Trial Hole: TP3



APPENDIX D

Soil and Water Contamination Test Results

Scientific Analysis Laboratories Ltd

Certificate of Analysis

Hadfield House
Hadfield Street
Cornbrook
Manchester
M16 9FE
Tel : 0161 874 2400
Fax : 0161 874 2468

Report Number: 630264-1

Date of Report: 09-Feb-2017

Customer: OPUS International Consultants (UK) Ltd.

Modulus House
Salterns Lane
Fareham
Hampshire
PO16 0QS

Customer Contact: Mr Chris Summers

Customer Job Reference: E-E1663

Customer Purchase Order: PO FA 21064 R0

Date Job Received at SAL: 31-Jan-2017

Date Analysis Started: 31-Jan-2017

Date Analysis Completed: 09-Feb-2017

The results reported relate to samples received in the laboratory and may not be representative of a whole batch.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation

This report should not be reproduced except in full without the written approval of the laboratory

Tests covered by this certificate were conducted in accordance with SAL SOPs

All results have been reviewed in accordance with Section 25 of the SAL Quality Manual



Report checked
and authorised by :
Bianca Prince
Customer Service Manager

Issued by :
Bianca Prince
Customer Service Manager



SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil MCERTS Preparation					
SAL Reference					630264 042
Customer Sample Reference					SP4
Top Depth					0
Depth					0.1
Date Sampled					26-JAN-2017
Type					Topsoil
Determinand	Method	Test Sample	LOD	Units	
Retained on 10mm sieve	T2	AR	0.1	%	<0.1
Moisture @105C	T162	AR	0.1	%	12

SAL Reference: 630264									
Customer Reference: E-E1663									
Soil					Analysed as Soil				
Miscellaneous									
SAL Reference					630264 001	630264 004	630264 005	630264 008	630264 009
Customer Sample Reference					WS1	WS2	WS2	WS3	WS3
Depth					0.1	0.075	0.45	0.25	0.85
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Type					Topsoil	Topsoil		Topsoil	Clay
Determinand	Method	Test Sample	LOD	Units					
Asbestos ID	T27	AR			N.D.	N.D.	-	N.D.	-
Soil Organic Matter	T287	AR	0.1	%	4.7	-	0.6	3.5	0.4

SAL Reference: 630264									
Customer Reference: E-E1663									
Soil		Analysed as Soil							
Miscellaneous									
SAL Reference				630264 011	630264 014	630264 015	630264 017	630264 019	
Customer Sample Reference				WS4	WS5	WS5	WS6	WS7	
Depth				0.20	0.15	0.60	0.10	0.10	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Type				Topsoil	Topsoil		Topsoil	Topsoil	
Determinand	Method	Test Sample	LOD	Units					
Asbestos ID	T27	AR			N.D.	N.D.	-	N.D.	N.D.
Soil Organic Matter	T287	AR	0.1	%	-	1.5	0.5	2.1	-

SCIENTIFIC ANALYSIS LABORATORIES									
SAL Reference: 630264									
Customer Reference: E-E1663									
Soil		Analysed as Soil							
Miscellaneous									
SAL Reference				630264 023	630264 025	630264 027	630264 030	630264 033	
Customer Sample Reference				TP2	TP3	TP4	TP5	TP6	
Depth				0.1	0.1	0.1	0.1	0.1	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Type				Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	
Determinand	Method	Test Sample	LOD	Units					
Asbestos ID	T27	AR			N.D.	N.D.	N.D.	N.D.	N.D.
Soil Organic Matter	T287	AR	0.1	%	-	-	-	8.0	-

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil OPUS Fareham Standard Suite									
SAL Reference					630264 001	630264 004	630264 008	630264 009	630264 011
Customer Sample Reference					WS1	WS2	WS3	WS3	WS4
Top Depth									
Depth					0.1	0.075	0.25	0.85	0.20
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Type					Topsoil	Topsoil	Topsoil	Clay	Topsoil
Determinand	Method	Test Sample	LOD	Units					
Arsenic	T6	M40	2	mg/kg	7	7	9	12	7
Cadmium	T6	M40	1	mg/kg	<1	<1	<1	<1	<1
Chromium	T6	M40	1	mg/kg	15	17	16	31	14
Chromium VI	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Lead	T6	M40	1	mg/kg	85	49	61	20	38
Mercury	T6	M40	1	mg/kg	1	2	1	1	<1
Selenium	T6	M40	3	mg/kg	<3	<3	<3	<3	<3
Boron (water-soluble)	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Copper	T6	M40	1	mg/kg	16	12	21	11	7
Nickel	T6	M40	1	mg/kg	7	8	7	15	7
Zinc	T6	M40	1	mg/kg	120	40	29	41	36
pH	T7	AR			6.3	5.8	4.2	4.9	6.0
Cyanide(Total)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
Phenols(Mono)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	<0.01	<0.01	0.03	0.03	<0.01

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil OPUS Fareham Standard Suite									
SAL Reference					630264 012	630264 014	630264 017	630264 018	630264 019
Customer Sample Reference					WS4	WS5	WS6	WS6	WS7
Top Depth									
Depth					0.50	0.15	0.10	0.45	0.10
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Type					Clay	Topsoil	Topsoil	Clay	Topsoil
Determinand	Method	Test Sample	LOD	Units					
Arsenic	T6	M40	2	mg/kg	12	7	7	8	7
Cadmium	T6	M40	1	mg/kg	<1	<1	<1	<1	<1
Chromium	T6	M40	1	mg/kg	30	15	14	23	15
Chromium VI	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Lead	T6	M40	1	mg/kg	14	52	45	13	52
Mercury	T6	M40	1	mg/kg	<1	<1	<1	<1	<1
Selenium	T6	M40	3	mg/kg	<3	<3	<3	<3	<3
Boron (water-soluble)	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Copper	T6	M40	1	mg/kg	15	12	11	7	18
Nickel	T6	M40	1	mg/kg	7	6	6	11	7
Zinc	T6	M40	1	mg/kg	39	39	46	35	120
pH	T7	AR			5.4	5.8	5.7	6.0	6.2
Cyanide(Total)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
Phenols(Mono)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	0.02	<0.01	<0.01	<0.01	<0.01

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil OPUS Fareham Standard Suite									
SAL Reference				630264 021	630264 023	630264 025	630264 027	630264 030	
Customer Sample Reference				TP1	TP2	TP3	TP4	TP5	
Top Depth				0.1					
Depth				0.2	0.1	0.1	0.1	0.1	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Type				Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	
Determinand	Method	Test Sample	LOD	Units					
Arsenic	T6	M40	2	mg/kg	8	6	10	6	9
Cadmium	T6	M40	1	mg/kg	<1	<1	<1	<1	2
Chromium	T6	M40	1	mg/kg	14	13	19	12	21
Chromium VI	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Lead	T6	M40	1	mg/kg	81	50	83	73	120
Mercury	T6	M40	1	mg/kg	<1	<1	<1	<1	<1
Selenium	T6	M40	3	mg/kg	<3	<3	<3	<3	<3
Boron (water-soluble)	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Copper	T6	M40	1	mg/kg	15	9	24	18	60
Nickel	T6	M40	1	mg/kg	6	6	9	6	8
Zinc	T6	M40	1	mg/kg	29	45	170	55	510
pH	T7	AR			4.8	5.7	6.7	5.7	7.5
Cyanide(Total)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
Phenols(Mono)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	0.03	<0.01	<0.01	<0.01	<0.01

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil OPUS Fareham Standard Suite									
SAL Reference				630264 031	630264 033	630264 036	630264 038	630264 040	
Customer Sample Reference				TP5	TP6	SP1	SP2	SP3	
Top Depth						0	0	0	
Depth				0.4	0.1	0.1	0.1	0.1	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Type				Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	
Determinand	Method	Test Sample	LOD	Units					
Arsenic	T6	M40	2	mg/kg	8	8	4	62	6
Cadmium	T6	M40	1	mg/kg	<1	<1	<1	3	1
Chromium	T6	M40	1	mg/kg	22	18	11	54	19
Chromium VI	T6	AR	1	mg/kg	<1	<1	<1	<1	<1
Lead	T6	M40	1	mg/kg	33	85	27	240	59
Mercury	T6	M40	1	mg/kg	<1	<1	<1	<1	1
Selenium	T6	M40	3	mg/kg	<3	<3	<3	<3	<3
Boron (water-soluble)	T6	AR	1	mg/kg	<1	<1	<1	1	<1
Copper	T6	M40	1	mg/kg	11	17	33	280	130
Nickel	T6	M40	1	mg/kg	9	7	8	16	16
Zinc	T6	M40	1	mg/kg	61	41	160	2600	270
pH	T7	AR			7.0	5.3	8.8	8.4	8.1
Cyanide(Total)	T546	AR	1	mg/kg	<1	<1	<1	<1	1
Phenols(Mono)	T546	AR	1	mg/kg	<1	<1	<1	<1	<1
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	<0.01	<0.01	0.01	0.16	0.04

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil Suite C									
SAL Reference					630264 003	630264 010	630264 013	630264 024	630264 029
Customer Sample Reference					WS1	WS3	WS4	TP2	TP4
Top Depth									1
Depth					1.6	1.85	1.75	0.8	1.3
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
pH	T7	A40			5.5	4.6	4.6	6.0	5.6
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	0.02	0.03	0.04	<0.01	<0.01
SO4(Total)	T6	A40	0.01	%	0.03	0.05	0.12	0.01	0.02
Sulphur (total)	T6	A40	0.01	%	0.01	0.02	0.03	<0.01	<0.01

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil Suite C					
SAL Reference					630264 035
Customer Sample Reference					TP6
Top Depth					
Depth					1.4
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
pH	T7	A40			4.7
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	0.04
SO4(Total)	T6	A40	0.01	%	0.16
Sulphur (total)	T6	A40	0.01	%	0.06

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil TPH (CWG) with MTBE, BTEX (MCERTS)					
SAL Reference					630264 042
Customer Sample Reference					SP4
Top Depth					0
Depth					0.1
Date Sampled					26-JAN-2017
Type					Topsoil
Determinand	Method	Test Sample	LOD	Units	
Benzene	T209	M105	10	µg/kg	⁽¹³⁾ <10
Toluene	T209	M105	10	µg/kg	<10
EthylBenzene	T209	M105	10	µg/kg	<10
M/P Xylene	T209	M105	10	µg/kg	<10
O Xylene	T209	M105	10	µg/kg	<10
Methyl tert-Butyl Ether	T209	M105	10	µg/kg	<10
TPH (C5-C6 aliphatic)	T209	M105	0.100	mg/kg	<0.100
TPH (C6-C8 aliphatic)	T209	M105	0.10	mg/kg	<0.10
TPH (C8-C10 aliphatic)	T209	M105	0.10	mg/kg	<0.10
TPH (C10-C12 aliphatic)	T909	M105	1	mg/kg	⁽¹³⁾ <1
TPH (C12-C16 aliphatic)	T909	M105	1	mg/kg	⁽¹³⁾ <1
TPH (C16-C21 aliphatic)	T909	M105	1	mg/kg	⁽¹³⁾ <1
TPH (C21-C35 aliphatic)	T909	M105	2	mg/kg	⁽¹³⁾ 27
TPH (C6-C7 aromatic)	T209	M105	0.10	mg/kg	<0.10
TPH (C7-C8 aromatic)	T209	M105	0.10	mg/kg	<0.10
TPH (C8-C10 aromatic)	T209	M105	0.10	mg/kg	<0.10
TPH (C10-C12 aromatic)	T909	M105	2	mg/kg	⁽¹³⁾ <2
TPH (C12-C16 aromatic)	T909	M105	1	mg/kg	⁽¹³⁾ <1
TPH (C16-C21 aromatic)	T909	M105	1	mg/kg	⁽¹³⁾ 7
TPH (C21-C35 aromatic)	T909	M105	1	mg/kg	⁽¹³⁾ 9

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil PAH US EPA 16 (B and K split)									
SAL Reference					630264 001	630264 004	630264 008	630264 009	630264 011
Customer Sample Reference					WS1	WS2	WS3	WS3	WS4
Top Depth									
Depth					0.1	0.075	0.25	0.85	0.20
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Type					Topsoil	Topsoil	Topsoil	Clay	Topsoil
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	T207	M105	0.1	mg/kg	0.8	<0.1	<0.1	<0.1	<0.1
Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	T207	M105	0.1	mg/kg	1.0	0.2	0.2	<0.1	0.1
Pyrene	T207	M105	0.1	mg/kg	0.6	0.1	0.2	<0.1	0.1
Benzo(a)Anthracene	T207	M105	0.1	mg/kg	0.2	<0.1	<0.1	<0.1	<0.1
Chrysene	T207	M105	0.1	mg/kg	0.6	<0.1	<0.1	<0.1	<0.1
Benzo(b)fluoranthene	T207	M105	0.1	mg/kg	0.5	<0.1	0.1	<0.1	<0.1
Benzo(k)fluoranthene	T207	M105	0.1	mg/kg	0.3	<0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene	T207	M105	0.1	mg/kg	0.3	<0.1	<0.1	<0.1	<0.1
Indeno(123-cd)Pyrene	T207	M105	0.1	mg/kg	0.2	<0.1	<0.1	<0.1	<0.1
Dibenzo(ah)Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)Perylene	T207	M105	0.1	mg/kg	0.2	<0.1	<0.1	<0.1	<0.1
PAH(total)	T207	M105	0.1	mg/kg	4.5	0.3	0.4	<0.1	0.3

SAL Reference: 630264 Customer Reference: E-E1663 Soil Analysed as Soil PAH US EPA 16 (B and K split)									
SAL Reference					630264 012	630264 014	630264 017	630264 018	630264 019
Customer Sample Reference					WS4	WS5	WS6	WS6	WS7
Top Depth									
Depth					0.50	0.15	0.10	0.45	0.10
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Type					Clay	Topsoil	Topsoil	Clay	Topsoil
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	T207	M105	0.1	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	T207	M105	0.1	mg/kg	<0.1	0.5	<0.1	<0.1	<0.1
Pyrene	T207	M105	0.1	mg/kg	<0.1	0.5	<0.1	<0.1	<0.1
Benzo(a)Anthracene	T207	M105	0.1	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Chrysene	T207	M105	0.1	mg/kg	<0.1	0.3	<0.1	<0.1	<0.1
Benzo(b)fluoranthene	T207	M105	0.1	mg/kg	<0.1	0.3	<0.1	<0.1	<0.1
Benzo(k)fluoranthene	T207	M105	0.1	mg/kg	<0.1	0.1	<0.1	<0.1	<0.1
Benzo(a)Pyrene	T207	M105	0.1	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Indeno(123-cd)Pyrene	T207	M105	0.1	mg/kg	<0.1	0.1	<0.1	<0.1	<0.1
Dibenzo(ah)Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)Perylene	T207	M105	0.1	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
PAH(total)	T207	M105	0.1	mg/kg	<0.1	2.5	<0.1	<0.1	<0.1

SAL Reference: 630264 Customer Reference: E-E1663									
Soil		Analysed as Soil							
PAH US EPA 16 (B and K split)									
SAL Reference				630264 021	630264 023	630264 025	630264 027	630264 030	
Customer Sample Reference				TP1	TP2	TP3	TP4	TP5	
Top Depth				0.1					
Depth				0.2	0.1	0.1	0.1	0.1	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Type				Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Acenaphthylene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Acenaphthene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Fluorene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Phenanthrene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Fluoranthene	T207	M105	0.1	mg/kg	0.1	<0.1	<0.1	0.2	(100) <1.0
Pyrene	T207	M105	0.1	mg/kg	0.1	<0.1	<0.1	0.2	(100) <1.0
Benzo(a)Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Chrysene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	0.1	(100) <1.0
Benzo(b)fluoranthene	T207	M105	0.1	mg/kg	0.1	<0.1	<0.1	0.1	(100) <1.0
Benzo(k)fluoranthene	T207	M105	0.1	mg/kg	0.1	<0.1	<0.1	0.1	(100) <1.0
Benzo(a)Pyrene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	0.1	(100) <1.0
Indeno(123-cd)Pyrene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Dibenzo(ah)Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
Benzo(ghi)Perylene	T207	M105	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	(100) <1.0
PAH(total)	T207	M105	0.1	ma/kg	0.4	<0.1	<0.1	0.8	(100) <1.0

SAL Reference: 630264									
Customer Reference: E-E1663									
Soil		Analysed as Soil							
PAH US EPA 16 (B and K split)									
SAL Reference				630264 031	630264 033	630264 036	630264 038	630264 040	
Customer Sample Reference				TP5	TP6	SP1	SP2	SP3	
Top Depth						0	0	0	
Depth				0.4	0.1	0.1	0.1	0.1	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Type				Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Acenaphthylene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Acenaphthene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Fluorene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Phenanthrene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Fluoranthene	T207	M105	0.1	mg/kg	<0.1	0.1	(100) <1.0	(100) <1.0	(100) <1.0
Pyrene	T207	M105	0.1	mg/kg	<0.1	0.1	(100) <1.0	(100) <1.0	(100) <1.0
Benzo(a)Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Chrysene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Benzo(b)fluoranthene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Benzo(k)fluoranthene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Benzo(a)Pyrene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Indeno(123-cd)Pyrene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Dibenzo(ah)Anthracene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
Benzo(ghi)Perylene	T207	M105	0.1	mg/kg	<0.1	<0.1	(100) <1.0	(100) <1.0	(100) <1.0
PAH(total)	T207	M105	0.1	mg/kg	<0.1	0.2	(100) <1.0	(100) <1.0	(100) <1.0

Index to symbols used in 630264-1

Value	Description
M40	Analysis conducted on sample assisted dried at no more than 40C. Results are reported on a dry weight basis.
AR	As Received
A40	Assisted dried < 40C

M105	Analysis conducted on an "as received" aliquot. Results are reported on a dry weight basis where moisture content was determined by assisted drying of sample at 105C
N.D.	Not Detected
13	Results have been blank corrected.
100	LOD determined by sample aliquot used for analysis
S	Analysis was subcontracted
M	Analysis is MCERTS accredited
U	Analysis is UKAS accredited
N	Analysis is not UKAS accredited

Notes

Asbestos was subcontracted to REC Asbestos

Method Index

Value	Description
T7	Probe
T209	GC/MS (Head Space)(MCERTS)
T2	Grav
T6	ICP/OES
T207	GC/MS (MCERTS)
T242	2:1 Extraction/ICP/OES (TRL 447 T1)
T27	PLM
T909	GCxGC
T546	Colorimetry (CF)
T287	Calc TOC/0.58
T162	Grav (1 Dec) (105 C)

Accreditation Summary

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Asbestos ID	T27	AR			SU	001,004,008,011,014,017,019,023,025,027,030,033
Soil Organic Matter	T287	AR	0.1	%	N	001,005,008-009,014-015,017,030
Retained on 10mm sieve	T2	AR	0.1	%	N	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040,042
Moisture @105C	T162	AR	0.1	%	N	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040,042
Arsenic	T6	M40	2	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Cadmium	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Chromium	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Chromium VI	T6	AR	1	mg/kg	N	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Lead	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Mercury	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Selenium	T6	M40	3	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Boron (water-soluble)	T6	AR	1	mg/kg	N	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Copper	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Nickel	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Zinc	T6	M40	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
pH	T7	AR			M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Cyanide(Total)	T546	AR	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Phenols(Mono)	T546	AR	1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
(Water Soluble) SO4 expressed as SO4	T242	AR	0.01	g/l	N	001,003-004,008-014,017-019,021,023-025,027,029-031,033,035-036,038,040
Naphthalene	T207	M105	0.1	mg/kg	U	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Acenaphthylene	T207	M105	0.1	mg/kg	U	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Acenaphthene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Fluorene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Phenanthrene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Anthracene	T207	M105	0.1	mg/kg	U	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Fluoranthene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Pyrene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Benzo(a)Anthracene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Chrysene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Benzo(b)fluoranthene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Benzo(k)fluoranthene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Benzo(a)Pyrene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Indeno(123-cd)Pyrene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Dibenzo(ah)Anthracene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
Benzo(ghi)Perylene	T207	M105	0.1	mg/kg	M	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040
PAH(total)	T207	M105	0.1	mg/kg	U	001,004,008-009,011-012,014,017-019,021,023,025,027,030-031,033,036,038,040

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
pH	T7	A40			U	003,010,013,024,029,035
SO4(Total)	T6	A40	0.01	%	N	003,010,013,024,029,035
Sulphur (total)	T6	A40	0.01	%	N	003,010,013,024,029,035
Benzene	T209	M105	10	µg/kg	M	042
Toluene	T209	M105	10	µg/kg	M	042
EthylBenzene	T209	M105	10	µg/kg	M	042
M/P Xylene	T209	M105	10	µg/kg	M	042
O Xylene	T209	M105	10	µg/kg	M	042
Methyl tert-Butyl Ether	T209	M105	10	µg/kg	M	042
TPH (C5-C6 aliphatic)	T209	M105	0.100	mg/kg	N	042
TPH (C6-C8 aliphatic)	T209	M105	0.10	mg/kg	N	042
TPH (C8-C10 aliphatic)	T209	M105	0.10	mg/kg	N	042
TPH (C10-C12 aliphatic)	T909	M105	1	mg/kg	M	042
TPH (C12-C16 aliphatic)	T909	M105	1	mg/kg	M	042
TPH (C16-C21 aliphatic)	T909	M105	1	mg/kg	M	042
TPH (C21-C35 aliphatic)	T909	M105	2	mg/kg	M	042
TPH (C6-C7 aromatic)	T209	M105	0.10	mg/kg	N	042
TPH (C7-C8 aromatic)	T209	M105	0.10	mg/kg	N	042
TPH (C8-C10 aromatic)	T209	M105	0.10	mg/kg	N	042
TPH (C10-C12 aromatic)	T909	M105	2	mg/kg	M	042
TPH (C12-C16 aromatic)	T909	M105	1	mg/kg	M	042
TPH (C16-C21 aromatic)	T909	M105	1	mg/kg	M	042
TPH (C21-C35 aromatic)	T909	M105	1	mg/kg	M	042





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Scientific Analysis Laboratories Ltd

Certificate of Analysis

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Report Number: 631029-1

Date of Report: 13-Feb-2017

Customer: OPUS International Consultants (UK) Ltd.

Modulus House
Salterns Lane
Fareham
Hampshire
PO16 0QS

Customer Contact: Mr Chris Summers

Customer Job Reference: EE1663.00

Customer Purchase Order: PO FA21069

Customer Site Reference: Brookfield Providence Hill

Date Job Received at SAL: 03-Feb-2017

Date Analysis Started: 03-Feb-2017

Date Analysis Completed: 13-Feb-2017

The results reported relate to samples received in the laboratory and may not be representative of a whole batch.

This report should not be reproduced except in full without the written approval of the laboratory

Tests covered by this certificate were conducted in accordance with SAL SOPs

All results have been reviewed in accordance with Section 25 of the SAL Quality Manual

SCIENTIFIC ANALYSIS
LABORATORIES

Report checked
and authorised by :
Bianca Prince
Customer Service Manager

Issued by :
Bianca Prince
Customer Service Manager

SAL Reference: 631029 Project Site: Brookfield Providence Hill Customer Reference: EE1663.00 Bulk Product Analysed as Bulk Product Miscellaneous					
SAL Reference					631029 001
Customer Sample Reference					TP5
Date Sampled					27-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Asbestos	T27	AR			N.D.

Index to symbols used in 631029-1

Value	Description
AR	As Received
N.D.	Not Detected
S	Analysis was subcontracted
U	Analysis is UKAS accredited

Notes

Asbestos was subcontracted to REC Asbestos

Method Index

Value	Description
T27	PLM

Accreditation Summary

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Asbestos	T27	AR			SU	001

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Scientific Analysis Laboratories Ltd

Certificate of Analysis

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Report Number: 633134-2

Date of Report: 15-Feb-2017

Customer: OPUS International Consultants (UK) Ltd.
Modulus House
Salterns Lane
Fareham
Hampshire
PO16 0QS

Customer Contact: Mr Chris Summers

Customer Job Reference: E-E1663

Customer Purchase Order: PO FA21069

Customer Site Reference: Brookfield Providence Hill

Date Job Received at SAL: 31-Jan-2017

Date Analysis Started: 13-Feb-2017

Date Analysis Completed: 15-Feb-2017

The results reported relate to samples received in the laboratory and may not be representative of a whole batch.

This report should not be reproduced except in full without the written approval of the laboratory

Tests covered by this certificate were conducted in accordance with SAL SOPs

All results have been reviewed in accordance with Section 25 of the SAL Quality Manual

SCIENTIFIC ANALYSIS
LABORATORIES

Report checked
and authorised by :
Bianca Prince
Customer Service Manager

Issued by :
Bianca Prince
Customer Service Manager

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)									
SAL Reference				633134 001	633134 002	633134 003	633134 004	633134 005	
Customer Sample Reference				WS1	WS1	WS2	WS3	WS3	
Depth				0.10	0.5	0.075	0.25	0.85	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Determinand	Method	Test Sample	LOD	Units					
2,4,6-Trichlorophenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4,6-dinitrophenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
2-Phenylphenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
9,10-Anthraquinone	T826	AR	0.01	mg/kg	0.01	<0.01	0.01	0.01	<0.01
Acetochlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Acrinathrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Aldrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ametryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Atraton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Atrazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Azaconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Azobenzene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Azoxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Benalaxyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Benfluralin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bifenox	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bifenthrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Binapacryl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Biphenyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bitertanol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Boscalid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromacil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromophos-Ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromopropylate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bupirimate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Buprofezine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Butachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cadusafos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Captan	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carbaryl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carboxine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carfentrazone Ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorbenzilate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorbufam	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlordane	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlordimeform	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorethoxyfos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenapyr	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenson	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlormephos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chloropropylate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpropham	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorthal Dimethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorthiophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlozolinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2,3,6-Tetrahydrophthalimide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Clodinafop propargy	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Clomazone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cloquintocet mexyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)									
SAL Reference				633134 001	633134 002	633134 003	633134 004	633134 005	
Customer Sample Reference				WS1	WS1	WS2	WS3	WS3	
Depth				0.10	0.5	0.075	0.25	0.85	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Determinand	Method	Test Sample	LOD	Units					
Cyflufenamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyfluthrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cypermethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyphenothrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyproconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyprodinil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
DEET	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Deltamethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Desmetryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diafenthiuron	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dialifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlobenil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlofenthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diclobutrazol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dicloran	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dicofol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dieldrin	T826	AR	0.01	mg/kg	0.05	<0.01	<0.01	<0.01	<0.01
Difenoconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diffufenican	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dioxabenzofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diphenamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diphenylamine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Disulfoton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ditalimfos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Edifenphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan alpha	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan beta	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan sulphate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Epn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Epoxiconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
EPTC	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etaconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethofumesate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoxyquin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etofenprox	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ettoxazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etridiazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etrifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Famoxadone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Famphur	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenamidone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenamiphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenarimol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenbuconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenchlorphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenhexamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenpiclonil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenpropathrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenson	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

Customer Reference: E-E1663

SAL Reference					633134 001	633134 002	633134 003	633134 004	633134 005
Customer Sample Reference					WS1	WS1	WS2	WS3	WS3
Depth					0.10	0.5	0.075	0.25	0.85
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Fensulfothion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenvalerate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fipronil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fipronil sulphone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flamprop isopropyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fluazifop-P-Butyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flucythrinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fludioxonil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flufenacet	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flumetralin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flumioxazin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flumorph	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fluopyram	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fluquinconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fluroxypyr-1-methylheptyl ester	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flusilazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Flutolanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fluxapyroxad	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Folpet	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fonophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Formothion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Furalaxyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop etotyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Haloxypop Methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor epoxide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor exo Epoxide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Heptenophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorocyclohexane (alpha)	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorocyclohexane (beta)	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorocyclohexane (delta)	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Hexaconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Hexazinone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Imazalil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Iodofenphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Iprodione	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663									
Soil MRPS by GC (CSOPP611)									
Analysed as Soil									
SAL Reference					633134 001	633134 002	633134 003	633134 004	633134 005
Customer Sample Reference					WS1	WS1	WS2	WS3	WS3
Depth					0.10	0.5	0.075	0.25	0.85
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Metazachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methacrifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxychlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Paraoxon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metolachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metolcarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Mirex	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Myclobutanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Napropamide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrofen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrothal isopropyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
o,p'-DDT	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Octhilinone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ofurace	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oryastrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadixyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
p,p-DDD	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	0.09	<0.01
p,p-DDE	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	0.03	<0.01
p,p-DDT	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	1.5	<0.01
Paclobutrazol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Paraoxon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Penconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachloroaniline	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorophenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pentanochlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pethoxamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phenothrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phenthoate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosfolan	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phthalimide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Picoxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Piperonyl Butoxide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos Ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prochloraz	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Procymidone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Profenofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propaphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)									
SAL Reference				633134 001	633134 002	633134 003	633134 004	633134 005	
Customer Sample Reference				WS1	WS1	WS2	WS3	WS3	
Depth				0.10	0.5	0.075	0.25	0.85	
Date Sampled				26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	
Determinand	Method	Test Sample	LOD	Units					
Propargite	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propham	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propiconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Proquinazid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prothiofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyraclostrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyraflufen ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrazophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyridaben	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyridaphenthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrimethanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyriproxyfen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
S421	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sebumeeton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Silafluofen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Simeconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfallate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfentrazone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sulprofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tau-Fluvalinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebupirimiphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tefluthrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbacil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbufos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbumeton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutylazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachlorvinphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetraconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetradifon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
sulfotep	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetramethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrasul	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiamethoxam	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiocyclam	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiometon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimefon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triazamate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triflumizole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Trifluralin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)									
SAL Reference					633134 001	633134 002	633134 003	633134 004	633134 005
Customer Sample Reference					WS1	WS1	WS2	WS3	WS3
Depth					0.10	0.5	0.075	0.25	0.85
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Uniconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Vinclozolin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01



SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)									
SAL Reference				633134 006	633134 007	633134 008	633134 009	633134 010	
Customer Sample Reference				WS5	WS6	WS6	WS7	TP2	
Depth				0.15	0.10	0.45	0.10	0.1	
Date Sampled				26-JAN-2017	26-JAN-2017	27-JAN-2017	26-JAN-2017	26-JAN-2017	
Determinand	Method	Test Sample	LOD	Units					
2,4,6-Trichlorophenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4,6-dinitrophenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
2-Phenylphenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
9,10-Anthraquinone	T826	AR	0.01	mg/kg	0.03	<0.01	<0.01	<0.01	<0.01
Acetochlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Aclonifen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Acrinathrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Alachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Aldrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ametryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Atraton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Atrazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Azaconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Azobenzene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Azoxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Benalaxyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Benfluralin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bifenox	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bifenthrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Binapacryl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Biphenyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bitertanol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Boscalid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromacil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromophos-Ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bromopropylate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Bupirimate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Buprofezine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Butachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cadusafos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Captan	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carbaryl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carbophenothion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carboxine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Carfentrazone Ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorbenzilate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorbufam	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlordane	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlordimeform	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorethoxyfos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenapyr	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenson	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlormephos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chloropropylate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorothalonil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpropham	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorthal Dimethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorthiophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Chlozolinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2,3,6-Tetrahydrophthalimide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Clodinafop propargy	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Clomazone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cloquintocet mexyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Coumaphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)									
SAL Reference					633134 006	633134 007	633134 008	633134 009	633134 010
Customer Sample Reference					WS5	WS6	WS6	WS7	TP2
Depth					0.15	0.10	0.45	0.10	0.1
Date Sampled					26-JAN-2017	26-JAN-2017	27-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Cyflufenamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyfluthrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cypermethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyphenothrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyproconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Cyprodinil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
DEET	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Deltamethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Desmetryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diafenthiuron	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dialifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diazinon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlobenil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlofenthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diclobutrazol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dicloran	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dicofol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dieldrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	0.04	<0.01
Difenoconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diffufenican	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethenamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethomorph	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dimoxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dinoterb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Dioxabenzofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diphenamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Diphenylamine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Disulfoton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ditalimfos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Edifenphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan alpha	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan beta	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulphan sulphate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Epn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Epoxiconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
EPTC	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etaconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethofumesate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoprophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ethoxyquin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etofenprox	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etoxazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etridiazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Etrifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Famoxadone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Famphur	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenamidone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenamiphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenarimol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenbuconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenchlorphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenhexamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenpiclonil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenpropathrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Fenson	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

Customer Reference: E-E1663

Analysed as Soil

633134-2

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663									
Soil MRPS by GC (CSOPP611)									
Analysed as Soil									
SAL Reference					633134 006	633134 007	633134 008	633134 009	633134 010
Customer Sample Reference					WS5	WS6	WS6	WS7	TP2
Depth					0.15	0.10	0.45	0.10	0.1
Date Sampled					26-JAN-2017	26-JAN-2017	27-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Metazachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methacrifos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methidathion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxychlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl Paraoxon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metolachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metolcarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metrafenone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Metribuzin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Mevinphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Mirex	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Molinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Myclobutanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Napropamide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrofen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrothal isopropyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Nuarimol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
o,p'-DDT	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Octhilinone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Ofurace	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oryastrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadixyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxyfluorfen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
p,p-DDD	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
p,p-DDE	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
p,p-DDT	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Paclobutrazol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Paraoxon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Penconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pendimethalin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachloroaniline	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorophenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Permethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pethoxamid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phenothrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phenthoate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosalone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosfolan	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phthalimide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Picoxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Piperonyl Butoxide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos Ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pretilachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prochloraz	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Procymidone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Profenofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prometon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prometryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propachlor	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propaphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134									
Project Site: Brookfield Providence Hill									
Customer Reference: E-E1663									
Soil		Analysed as Soil							
MRPS by GC (CSOPP611)									
SAL Reference					633134 006	633134 007	633134 008	633134 009	633134 010
Customer Sample Reference					WS5	WS6	WS6	WS7	TP2
Depth					0.15	0.10	0.45	0.10	0.1
Date Sampled					26-JAN-2017	26-JAN-2017	27-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Propargite	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propetamphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propham	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propiconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propyzamide	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Proquinazid	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prosulfocarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prothiofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyraclostrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyraflufen ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrazophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyridaben	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyridaphenthion	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrimethanil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyriproxyfen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quinalphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quinoxifen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quintozene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Quizalofop-ethyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
S421	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Secbumeton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Silafluofen	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Simazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Simeconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfallate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sulfentrazone	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Sulprofos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tau-Fluvalinate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebuconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufenpyrad	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebupirimiphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tecnazene	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tefluthrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbacil	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbufos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbumeton	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbuthylazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbutryn	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachlorvinphos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetraconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetradifon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
sulfotep	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetramethrin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrasul	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiamethoxam	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiobencarb	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiocyclam	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiometon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tolclofos methyl	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimefon	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triadimenol	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triallate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triazamate	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triazophos	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Trietazine	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Trifloxystrobin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triflumizole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Trifluralin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 633134									
Project Site: Brookfield Providence Hill									
Customer Reference: E-E1663									
Soil		Analysed as Soil							
MRPS by GC (CSOPP611)									
SAL Reference					633134 006	633134 007	633134 008	633134 009	633134 010
Customer Sample Reference					WS5	WS6	WS6	WS7	TP2
Depth					0.15	0.10	0.45	0.10	0.1
Date Sampled					26-JAN-2017	26-JAN-2017	27-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Uniconazole	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Vinclozolin	T826	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01



SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
2,4,6-Trichlorophenol	T826	AR	0.01	mg/kg	<0.01
2-Methyl-4,6-dinitrophenol	T826	AR	0.01	mg/kg	<0.01
2-Phenylphenol	T826	AR	0.01	mg/kg	<0.01
9,10-Anthraquinone	T826	AR	0.01	mg/kg	<0.01
Acetochlor	T826	AR	0.01	mg/kg	<0.01
Aclonifen	T826	AR	0.01	mg/kg	<0.01
Acrinathrin	T826	AR	0.01	mg/kg	<0.01
Alachlor	T826	AR	0.01	mg/kg	<0.01
Aldrin	T826	AR	0.01	mg/kg	<0.01
Ametryn	T826	AR	0.01	mg/kg	<0.01
Atraton	T826	AR	0.01	mg/kg	<0.01
Atrazine	T826	AR	0.01	mg/kg	<0.01
Azaconazole	T826	AR	0.01	mg/kg	<0.01
Azobenzene	T826	AR	0.01	mg/kg	<0.01
Azoxystrobin	T826	AR	0.01	mg/kg	<0.01
Benalaxyl	T826	AR	0.01	mg/kg	<0.01
Benfluralin	T826	AR	0.01	mg/kg	<0.01
Bifenox	T826	AR	0.01	mg/kg	<0.01
Bifenthrin	T826	AR	0.01	mg/kg	<0.01
Binapacryl	T826	AR	0.01	mg/kg	<0.01
Biphenyl	T826	AR	0.01	mg/kg	<0.01
Bitertanol	T826	AR	0.01	mg/kg	<0.01
Boscalid	T826	AR	0.01	mg/kg	<0.01
Bromacil	T826	AR	0.01	mg/kg	<0.01
Bromophos	T826	AR	0.01	mg/kg	<0.01
Bromophos-Ethyl	T826	AR	0.01	mg/kg	<0.01
Bromopropylate	T826	AR	0.01	mg/kg	<0.01
Bupirimate	T826	AR	0.01	mg/kg	<0.01
Buprofezine	T826	AR	0.01	mg/kg	<0.01
Butachlor	T826	AR	0.01	mg/kg	<0.01
Cadusafos	T826	AR	0.01	mg/kg	<0.01
Captan	T826	AR	0.01	mg/kg	<0.01
Carbaryl	T826	AR	0.01	mg/kg	<0.01
Carbophenothion	T826	AR	0.01	mg/kg	<0.01
Carboxine	T826	AR	0.01	mg/kg	<0.01
Carfentrazone Ethyl	T826	AR	0.01	mg/kg	<0.01
Chlorbenzilate	T826	AR	0.01	mg/kg	<0.01
Chlorbufam	T826	AR	0.01	mg/kg	<0.01
Chlordane	T826	AR	0.01	mg/kg	<0.01
Chlordimeform	T826	AR	0.01	mg/kg	<0.01
Chlorethoxyfos	T826	AR	0.01	mg/kg	<0.01
Chlorfenapyr	T826	AR	0.01	mg/kg	<0.01
Chlorfenson	T826	AR	0.01	mg/kg	<0.01
Chlorfenvinphos	T826	AR	0.01	mg/kg	<0.01
Chlormephos	T826	AR	0.01	mg/kg	<0.01
Chloropropylate	T826	AR	0.01	mg/kg	<0.01
Chlorothalonil	T826	AR	0.01	mg/kg	<0.01
Chlorpropham	T826	AR	0.01	mg/kg	<0.01
Chlorpyrifos	T826	AR	0.01	mg/kg	<0.01
Chlorpyrifos methyl	T826	AR	0.01	mg/kg	<0.01
Chlorthal Dimethyl	T826	AR	0.01	mg/kg	<0.01
Chlorthion	T826	AR	0.01	mg/kg	<0.01
Chlorthiophos	T826	AR	0.01	mg/kg	<0.01
Chlozolinate	T826	AR	0.01	mg/kg	<0.01
cis-1,2,3,6-Tetrahydrophthalimide	T826	AR	0.01	mg/kg	<0.01
Clodinafop propargy	T826	AR	0.01	mg/kg	<0.01
Clomazone	T826	AR	0.01	mg/kg	<0.01
Cloquintocet mexyl	T826	AR	0.01	mg/kg	<0.01
Coumaphos	T826	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Cyflufenamid	T826	AR	0.01	mg/kg	<0.01
Cyfluthrin	T826	AR	0.01	mg/kg	<0.01
Cypermethrin	T826	AR	0.01	mg/kg	<0.01
Cyphenothrin	T826	AR	0.01	mg/kg	<0.01
Cyproconazole	T826	AR	0.01	mg/kg	<0.01
Cyprodinil	T826	AR	0.01	mg/kg	<0.01
DEET	T826	AR	0.01	mg/kg	<0.01
Deltamethrin	T826	AR	0.01	mg/kg	<0.01
Desmetryn	T826	AR	0.01	mg/kg	<0.01
Diafenthuiuron	T826	AR	0.01	mg/kg	<0.01
Dialifos	T826	AR	0.01	mg/kg	<0.01
Diazinon	T826	AR	0.01	mg/kg	<0.01
Dichlobenil	T826	AR	0.01	mg/kg	<0.01
Dichlofenthion	T826	AR	0.01	mg/kg	<0.01
Dichlorvos	T826	AR	0.01	mg/kg	<0.01
Diclobutrazol	T826	AR	0.01	mg/kg	<0.01
Dicloran	T826	AR	0.01	mg/kg	<0.01
Dicofol	T826	AR	0.01	mg/kg	<0.01
Dieldrin	T826	AR	0.01	mg/kg	<0.01
Difenoconazole	T826	AR	0.01	mg/kg	<0.01
Diffufenican	T826	AR	0.01	mg/kg	<0.01
Dimethenamid	T826	AR	0.01	mg/kg	<0.01
Dimethomorph	T826	AR	0.01	mg/kg	<0.01
Dimoxystrobin	T826	AR	0.01	mg/kg	<0.01
Dinoterb	T826	AR	0.01	mg/kg	<0.01
Dioxabenzofos	T826	AR	0.01	mg/kg	<0.01
Diphenamid	T826	AR	0.01	mg/kg	<0.01
Diphenylamine	T826	AR	0.01	mg/kg	<0.01
Disulfoton	T826	AR	0.01	mg/kg	<0.01
Ditalimfos	T826	AR	0.01	mg/kg	<0.01
Edifenphos	T826	AR	0.01	mg/kg	<0.01
Endosulphan alpha	T826	AR	0.01	mg/kg	<0.01
Endosulphan beta	T826	AR	0.01	mg/kg	<0.01
Endosulphan sulphate	T826	AR	0.01	mg/kg	<0.01
Endrin	T826	AR	0.01	mg/kg	<0.01
Epn	T826	AR	0.01	mg/kg	<0.01
Epoxiconazole	T826	AR	0.01	mg/kg	<0.01
EPTC	T826	AR	0.01	mg/kg	<0.01
Etaconazole	T826	AR	0.01	mg/kg	<0.01
Ethion	T826	AR	0.01	mg/kg	<0.01
Ethofumesate	T826	AR	0.01	mg/kg	<0.01
Ethoprophos	T826	AR	0.01	mg/kg	<0.01
Ethoxyquin	T826	AR	0.01	mg/kg	<0.01
Etofenprox	T826	AR	0.01	mg/kg	<0.01
Etoxadole	T826	AR	0.01	mg/kg	<0.01
Etridiazole	T826	AR	0.01	mg/kg	<0.01
Etrifos	T826	AR	0.01	mg/kg	<0.01
Famoxadone	T826	AR	0.01	mg/kg	<0.01
Famphur	T826	AR	0.01	mg/kg	<0.01
Fenamidone	T826	AR	0.01	mg/kg	<0.01
Fenamiphos	T826	AR	0.01	mg/kg	<0.01
Fenarimol	T826	AR	0.01	mg/kg	<0.01
Fenbuconazole	T826	AR	0.01	mg/kg	<0.01
Fenchlorphos	T826	AR	0.01	mg/kg	<0.01
Fenhexamid	T826	AR	0.01	mg/kg	<0.01
Fenitrothion	T826	AR	0.01	mg/kg	<0.01
Fenpiclonil	T826	AR	0.01	mg/kg	<0.01
Fenpropathrin	T826	AR	0.01	mg/kg	<0.01
Fenson	T826	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Fensulfothion	T826	AR	0.01	mg/kg	<0.01
Fenthion	T826	AR	0.01	mg/kg	<0.01
Fenvalerate	T826	AR	0.01	mg/kg	<0.01
Fipronil	T826	AR	0.01	mg/kg	<0.01
Fipronil sulphone	T826	AR	0.01	mg/kg	<0.01
Flamprop isopropyl	T826	AR	0.01	mg/kg	<0.01
Fluazifop-P-Butyl	T826	AR	0.01	mg/kg	<0.01
Flucythrinate	T826	AR	0.01	mg/kg	<0.01
Fludioxonil	T826	AR	0.01	mg/kg	<0.01
Flufenacet	T826	AR	0.01	mg/kg	<0.01
Flumetralin	T826	AR	0.01	mg/kg	<0.01
Flumioxazin	T826	AR	0.01	mg/kg	<0.01
Flumorph	T826	AR	0.01	mg/kg	<0.01
Fluopyram	T826	AR	0.01	mg/kg	<0.01
Fluquinconazole	T826	AR	0.01	mg/kg	<0.01
Fluroxypyr-1-methylheptyl ester	T826	AR	0.01	mg/kg	<0.01
Flusilazole	T826	AR	0.01	mg/kg	<0.01
Flutolanil	T826	AR	0.01	mg/kg	<0.01
Fluxapyroxad	T826	AR	0.01	mg/kg	<0.01
Folpet	T826	AR	0.01	mg/kg	<0.01
Fonophos	T826	AR	0.01	mg/kg	<0.01
Formothion	T826	AR	0.01	mg/kg	<0.01
Furalaxyl	T826	AR	0.01	mg/kg	<0.01
Haloxypol etotyl	T826	AR	0.01	mg/kg	<0.01
Haloxypol Methyl	T826	AR	0.01	mg/kg	<0.01
Heptachlor	T826	AR	0.01	mg/kg	<0.01
Heptachlor epoxide	T826	AR	0.01	mg/kg	<0.01
Heptachlor exo Epoxide	T826	AR	0.01	mg/kg	<0.01
Heptenophos	T826	AR	0.01	mg/kg	<0.01
Hexachlorobenzene	T826	AR	0.01	mg/kg	<0.01
Hexachlorocyclohexane (alpha)	T826	AR	0.01	mg/kg	<0.01
Hexachlorocyclohexane (beta)	T826	AR	0.01	mg/kg	<0.01
Hexachlorocyclohexane (delta)	T826	AR	0.01	mg/kg	<0.01
Hexaconazole	T826	AR	0.01	mg/kg	<0.01
Hexazinone	T826	AR	0.01	mg/kg	<0.01
Imazalil	T826	AR	0.01	mg/kg	<0.01
Iodofenphos	T826	AR	0.01	mg/kg	<0.01
Iprodione	T826	AR	0.01	mg/kg	<0.01
Isazofos	T826	AR	0.01	mg/kg	<0.01
Isocarbophos	T826	AR	0.01	mg/kg	<0.01
Isodrin	T826	AR	0.01	mg/kg	<0.01
Isofenphos	T826	AR	0.01	mg/kg	<0.01
Isofenphos Methyl	T826	AR	0.01	mg/kg	<0.01
Isomethiozin	T826	AR	0.01	mg/kg	<0.01
Isoprothiolane	T826	AR	0.01	mg/kg	<0.01
Isoprazam	T826	AR	0.01	mg/kg	<0.01
Isothiazolinone	T826	AR	0.01	mg/kg	<0.01
Kresoxim Methyl	T826	AR	0.01	mg/kg	<0.01
Lambda Cyhalothrin	T826	AR	0.01	mg/kg	<0.01
Lenacil	T826	AR	0.01	mg/kg	<0.01
Leptophos	T826	AR	0.01	mg/kg	<0.01
Lindane	T826	AR	0.01	mg/kg	<0.01
Malathion	T826	AR	0.01	mg/kg	<0.01
MCPA-thioethyl	T826	AR	0.01	mg/kg	<0.01
Mecarbam	T826	AR	0.01	mg/kg	<0.01
Mepanipyrim	T826	AR	0.01	mg/kg	<0.01
Mephosfolan	T826	AR	0.01	mg/kg	<0.01
Meprothion	T826	AR	0.01	mg/kg	<0.01
Metalaxyl	T826	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Metazachlor	T826	AR	0.01	mg/kg	<0.01
Methacrifos	T826	AR	0.01	mg/kg	<0.01
Methidathion	T826	AR	0.01	mg/kg	<0.01
Methoxychlor	T826	AR	0.01	mg/kg	<0.01
Methyl Paraoxon	T826	AR	0.01	mg/kg	<0.01
Metolachlor	T826	AR	0.01	mg/kg	<0.01
Metolcarb	T826	AR	0.01	mg/kg	<0.01
Metrafenone	T826	AR	0.01	mg/kg	<0.01
Metribuzin	T826	AR	0.01	mg/kg	<0.01
Mevinphos	T826	AR	0.01	mg/kg	<0.01
Mirex	T826	AR	0.01	mg/kg	<0.01
Molinate	T826	AR	0.01	mg/kg	<0.01
Myclobutanil	T826	AR	0.01	mg/kg	<0.01
Napropamide	T826	AR	0.01	mg/kg	<0.01
Nitrofen	T826	AR	0.01	mg/kg	<0.01
Nitrothal isopropyl	T826	AR	0.01	mg/kg	<0.01
Nuarimol	T826	AR	0.01	mg/kg	<0.01
o,p'-DDT	T826	AR	0.01	mg/kg	<0.01
Octhilinone	T826	AR	0.01	mg/kg	<0.01
Ofurace	T826	AR	0.01	mg/kg	<0.01
Oryastrobin	T826	AR	0.01	mg/kg	<0.01
Oxadiazon	T826	AR	0.01	mg/kg	<0.01
Oxadixyl	T826	AR	0.01	mg/kg	<0.01
Oxyfluorfen	T826	AR	0.01	mg/kg	<0.01
p,p-DDD	T826	AR	0.01	mg/kg	<0.01
p,p-DDE	T826	AR	0.01	mg/kg	<0.01
p,p-DDT	T826	AR	0.01	mg/kg	<0.01
Paclobutrazol	T826	AR	0.01	mg/kg	<0.01
Paraoxon	T826	AR	0.01	mg/kg	<0.01
Parathion	T826	AR	0.01	mg/kg	<0.01
Parathion methyl	T826	AR	0.01	mg/kg	<0.01
Penconazole	T826	AR	0.01	mg/kg	<0.01
Pendimethalin	T826	AR	0.01	mg/kg	<0.01
Pentachloroaniline	T826	AR	0.01	mg/kg	<0.01
Pentachlorophenol	T826	AR	0.01	mg/kg	<0.01
Pentachlor	T826	AR	0.01	mg/kg	<0.01
Permethrin	T826	AR	0.01	mg/kg	<0.01
Pethoxamid	T826	AR	0.01	mg/kg	<0.01
Phenothrin	T826	AR	0.01	mg/kg	<0.01
Phenthoate	T826	AR	0.01	mg/kg	<0.01
Phorate	T826	AR	0.01	mg/kg	<0.01
Phosalone	T826	AR	0.01	mg/kg	<0.01
Phosfolan	T826	AR	0.01	mg/kg	<0.01
Phosmet	T826	AR	0.01	mg/kg	<0.01
Phthalimide	T826	AR	0.01	mg/kg	<0.01
Picoxystrobin	T826	AR	0.01	mg/kg	<0.01
Piperonyl Butoxide	T826	AR	0.01	mg/kg	<0.01
Pirimicarb	T826	AR	0.01	mg/kg	<0.01
Pirimiphos Ethyl	T826	AR	0.01	mg/kg	<0.01
Pirimiphos methyl	T826	AR	0.01	mg/kg	<0.01
Pretilachlor	T826	AR	0.01	mg/kg	<0.01
Prochloraz	T826	AR	0.01	mg/kg	<0.01
Procymidone	T826	AR	0.01	mg/kg	<0.01
Profenofos	T826	AR	0.01	mg/kg	<0.01
Prometon	T826	AR	0.01	mg/kg	<0.01
Prometryn	T826	AR	0.01	mg/kg	<0.01
Propachlor	T826	AR	0.01	mg/kg	<0.01
Propanil	T826	AR	0.01	mg/kg	<0.01
Propaphos	T826	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Propargite	T826	AR	0.01	mg/kg	<0.01
Propazine	T826	AR	0.01	mg/kg	<0.01
Propetamphos	T826	AR	0.01	mg/kg	<0.01
Propham	T826	AR	0.01	mg/kg	<0.01
Propiconazole	T826	AR	0.01	mg/kg	<0.01
Propyzamide	T826	AR	0.01	mg/kg	<0.01
Proquinazid	T826	AR	0.01	mg/kg	<0.01
Prosulfocarb	T826	AR	0.01	mg/kg	<0.01
Prothiofos	T826	AR	0.01	mg/kg	<0.01
Pyraclostrobin	T826	AR	0.01	mg/kg	<0.01
Pyraflufen ethyl	T826	AR	0.01	mg/kg	<0.01
Pyrazophos	T826	AR	0.01	mg/kg	<0.01
Pyridaben	T826	AR	0.01	mg/kg	<0.01
Pyridaphenthion	T826	AR	0.01	mg/kg	<0.01
Pyrimethanil	T826	AR	0.01	mg/kg	<0.01
Pyriproxyfen	T826	AR	0.01	mg/kg	<0.01
Quinalphos	T826	AR	0.01	mg/kg	<0.01
Quinoxifen	T826	AR	0.01	mg/kg	<0.01
Quintozene	T826	AR	0.01	mg/kg	<0.01
Quizalofop-ethyl	T826	AR	0.01	mg/kg	<0.01
S421	T826	AR	0.01	mg/kg	<0.01
Sebumeeton	T826	AR	0.01	mg/kg	<0.01
Silafluofen	T826	AR	0.01	mg/kg	<0.01
Simazine	T826	AR	0.01	mg/kg	<0.01
Simeconazole	T826	AR	0.01	mg/kg	<0.01
Sulfallate	T826	AR	0.01	mg/kg	<0.01
Sulfentrazone	T826	AR	0.01	mg/kg	<0.01
Sulprofos	T826	AR	0.01	mg/kg	<0.01
Tau-Fluvalinate	T826	AR	0.01	mg/kg	<0.01
Tebuconazole	T826	AR	0.01	mg/kg	<0.01
Tebufenpyrad	T826	AR	0.01	mg/kg	<0.01
Tebupirimiphos	T826	AR	0.01	mg/kg	<0.01
Tecnazene	T826	AR	0.01	mg/kg	<0.01
Tefluthrin	T826	AR	0.01	mg/kg	<0.01
Terbacil	T826	AR	0.01	mg/kg	<0.01
Terbufos	T826	AR	0.01	mg/kg	<0.01
Terbumeton	T826	AR	0.01	mg/kg	<0.01
Terbutylazine	T826	AR	0.01	mg/kg	<0.01
Terbutryn	T826	AR	0.01	mg/kg	<0.01
Tetrachlorvinphos	T826	AR	0.01	mg/kg	<0.01
Tetraconazole	T826	AR	0.01	mg/kg	<0.01
Tetradifon	T826	AR	0.01	mg/kg	<0.01
sulfotep	T826	AR	0.01	mg/kg	<0.01
Tetramethrin	T826	AR	0.01	mg/kg	<0.01
Tetrasul	T826	AR	0.01	mg/kg	<0.01
Thiamethoxam	T826	AR	0.01	mg/kg	<0.01
Thiobencarb	T826	AR	0.01	mg/kg	<0.01
Thiocyclam	T826	AR	0.01	mg/kg	<0.01
Thiometon	T826	AR	0.01	mg/kg	<0.01
Tolclofos methyl	T826	AR	0.01	mg/kg	<0.01
Triadimefon	T826	AR	0.01	mg/kg	<0.01
Triadimenol	T826	AR	0.01	mg/kg	<0.01
Triallate	T826	AR	0.01	mg/kg	<0.01
Triazamate	T826	AR	0.01	mg/kg	<0.01
Triazophos	T826	AR	0.01	mg/kg	<0.01
Trietazine	T826	AR	0.01	mg/kg	<0.01
Trifloxystrobin	T826	AR	0.01	mg/kg	<0.01
Triflumizole	T826	AR	0.01	mg/kg	<0.01
Trifluralin	T826	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by GC (CSOPP611)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Uniconazole	T826	AR	0.01	mg/kg	<0.01
Vinclozolin	T826	AR	0.01	mg/kg	<0.01



Customer Reference: E-E1663

Analysed as Soil

633134-2

Customer Reference: E-E1663

Analysed as Soil

633134-2

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by LC (CSOPP603)									
SAL Reference					633134 001	633134 002	633134 003	633134 004	633134 005
Customer Sample Reference					WS1	WS1	WS2	WS3	WS3
Depth					0.10	0.5	0.075	0.25	0.85
Date Sampled					26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017	26-JAN-2017
Determinand	Method	Test Sample	LOD	Units					
Nitenpyram	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Novaluron	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Omethoate	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxadiazyl	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxamyl	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Oxycarboxin	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Penicuron	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phenmedipham	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate sulfone	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phorate sulfoxide	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosmet	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phosphamidon	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Phoxim	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimicarb desmethyl	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prochloraz	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propamocarb	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propaquizafop	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propargite	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Propoxur	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Prothioconazole desthio	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyraclostrobin	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrethrin I	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrifenoxy	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Resmethrin	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Spinetoram	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Spinosad	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Spirodiclofen	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Spiromesifen	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Spirotetramat	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Spiroxamine	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tebufozide	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Teflubenzuron	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Temephos	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbufos sulfone	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Terbufos sulfoxide	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiabendazole	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiacloprid	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiamethoxam	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiazafuron	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thidiazuron	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiodicarb	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiofanox	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Thiophanate Methyl	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tolylfluanid	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tribenuron methyl	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Tridemorph	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triflurumuron	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triflusaluron-methyl	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triforine	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Triticonazole	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Vamidothion	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Vernolate	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01
Zoxamide	T310	AR	0.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01

Customer Reference: E-E1663

Analysed as Soil

633134-2

Customer Reference: E-E1663

Analysed as Soil

633134-2

Customer Reference: E-E1663

Analysed as Soil

633134-2

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by LC (CSOPP603)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
2-(1-Naphthyl)acetamide	T310	AR	0.01	mg/kg	<0.01
3-hydroxycarbofuran	T310	AR	0.01	mg/kg	<0.01
6-Benzyladenine	T310	AR	0.01	mg/kg	<0.01
Abamectin	T310	AR	0.01	mg/kg	<0.01
Acephate	T310	AR	0.01	mg/kg	<0.01
Acetamiprid	T310	AR	0.01	mg/kg	<0.01
Acibenzolar-S-methyl	T310	AR	0.01	mg/kg	<0.01
Aldicarb	T310	AR	0.01	mg/kg	<0.01
Aldicarb sulphone	T310	AR	0.01	mg/kg	<0.01
Aldicarb sulphoxide	T310	AR	0.01	mg/kg	<0.01
Aminocarb	T310	AR	0.01	mg/kg	<0.01
Amitraz	T310	AR	0.01	mg/kg	<0.01
Azinphos ethyl	T310	AR	0.01	mg/kg	<0.01
Azinphos methyl	T310	AR	0.01	mg/kg	<0.01
Azoxystrobin	T310	AR	0.01	mg/kg	<0.01
Bendiocarb	T310	AR	0.01	mg/kg	<0.01
Benfuracarb	T310	AR	0.01	mg/kg	<0.01
Bifenazate	T310	AR	0.01	mg/kg	<0.01
Butoxycarboxim	T310	AR	0.01	mg/kg	<0.01
Butralin	T310	AR	0.01	mg/kg	<0.01
Carbaryl	T310	AR	0.01	mg/kg	<0.01
Carbendazim	T310	AR	0.01	mg/kg	<0.01
Carbetamide	T310	AR	0.01	mg/kg	<0.01
Carbofuran	T310	AR	0.01	mg/kg	<0.01
Carpropamid	T310	AR	0.01	mg/kg	<0.01
Chinomethionat	T310	AR	0.01	mg/kg	<0.01
chlorantraniliprole	T310	AR	0.01	mg/kg	<0.01
Chlorbromuron	T310	AR	0.01	mg/kg	<0.01
Chlorfluazuron	T310	AR	0.01	mg/kg	<0.01
Chloridazon	T310	AR	0.01	mg/kg	<0.01
Chlorotoluron	T310	AR	0.01	mg/kg	<0.01
Chlorpropham	T310	AR	0.01	mg/kg	<0.01
Clofentezine	T310	AR	0.01	mg/kg	<0.01
Clothianidin	T310	AR	0.01	mg/kg	<0.01
Cyanazine	T310	AR	0.01	mg/kg	<0.01
Cyazofamid	T310	AR	0.01	mg/kg	<0.01
Cycluron	T310	AR	0.01	mg/kg	<0.01
Cymoxanil	T310	AR	0.01	mg/kg	<0.01
Cyromazine	T310	AR	0.01	mg/kg	<0.01
Cythioate	T310	AR	0.01	mg/kg	<0.01
Demeton	T310	AR	0.01	mg/kg	<0.01
Demeton-s-methyl sulphone	T310	AR	0.01	mg/kg	<0.01
Desmedipham	T310	AR	0.01	mg/kg	<0.01
Diclotophos	T310	AR	0.01	mg/kg	<0.01
Diethofencarb	T310	AR	0.01	mg/kg	<0.01
Diffubenzuron	T310	AR	0.01	mg/kg	<0.01
Dimefuron	T310	AR	0.01	mg/kg	<0.01
Dimethoate	T310	AR	0.01	mg/kg	<0.01
Diniconazole	T310	AR	0.01	mg/kg	<0.01
Dinotefuran	T310	AR	0.01	mg/kg	<0.01
Dioxacarb	T310	AR	0.01	mg/kg	<0.01
Disulfoton sulfoxide	T310	AR	0.01	mg/kg	<0.01
Disulfoton sulphone	T310	AR	0.01	mg/kg	<0.01
Diuron	T310	AR	0.01	mg/kg	<0.01
DMSA	T310	AR	0.01	mg/kg	<0.01
DMST	T310	AR	0.01	mg/kg	<0.01
Dodemorph	T310	AR	0.01	mg/kg	<0.01
Emamectin	T310	AR	0.01	mg/kg	<0.01
Ethidimuron	T310	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by LC (CSOPP603)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Ethiofencarb	T310	AR	0.01	mg/kg	<0.01
Ethiofencarb sulfone	T310	AR	0.01	mg/kg	<0.01
Ethiofencarb sulfoxide	T310	AR	0.01	mg/kg	<0.01
Ethiprole	T310	AR	0.01	mg/kg	<0.01
Ethirimol	T310	AR	0.01	mg/kg	<0.01
Fenamiphos sulfone	T310	AR	0.01	mg/kg	<0.01
Fenamiphos sulfoxide	T310	AR	0.01	mg/kg	<0.01
Fenazaquin	T310	AR	0.01	mg/kg	<0.01
Fenchlorphos oxon	T310	AR	0.01	mg/kg	<0.01
Fenhexamid	T310	AR	0.01	mg/kg	<0.01
Fenpropidin	T310	AR	0.01	mg/kg	<0.01
Fenpropimorph	T310	AR	0.01	mg/kg	<0.01
Fenpyroximate	T310	AR	0.01	mg/kg	<0.01
Fenthion Sulphone	T310	AR	0.01	mg/kg	<0.01
Fenthion Sulphoxide	T310	AR	0.01	mg/kg	<0.01
Fenuron	T310	AR	0.01	mg/kg	<0.01
Flonicamid	T310	AR	0.01	mg/kg	<0.01
Fluazinam	T310	AR	0.01	mg/kg	<0.01
Flufenoxuron	T310	AR	0.01	mg/kg	<0.01
Fluometuron	T310	AR	0.01	mg/kg	<0.01
Flupicolide	T310	AR	0.01	mg/kg	<0.01
Flurochloridone	T310	AR	0.01	mg/kg	<0.01
Flurtamone	T310	AR	0.01	mg/kg	<0.01
Flutriafol	T310	AR	0.01	mg/kg	<0.01
Forchlorfenuron	T310	AR	0.01	mg/kg	<0.01
Formetanate	T310	AR	0.01	mg/kg	<0.01
Fuberidazole	T310	AR	0.01	mg/kg	<0.01
Furathiocarb	T310	AR	0.01	mg/kg	<0.01
Hexaflumuron	T310	AR	0.01	mg/kg	<0.01
Hexythiazox	T310	AR	0.01	mg/kg	<0.01
Imazalil	T310	AR	0.01	mg/kg	<0.01
Imidacloprid	T310	AR	0.01	mg/kg	<0.01
Indoxacarb	T310	AR	0.01	mg/kg	<0.01
Iprovalicarb	T310	AR	0.01	mg/kg	<0.01
Isoprocarb	T310	AR	0.01	mg/kg	<0.01
Isoproturon	T310	AR	0.01	mg/kg	<0.01
Isoxaben	T310	AR	0.01	mg/kg	<0.01
Karbutylate	T310	AR	0.01	mg/kg	<0.01
Linuron	T310	AR	0.01	mg/kg	<0.01
Lufenuron	T310	AR	0.01	mg/kg	<0.01
Malaoxon	T310	AR	0.01	mg/kg	<0.01
Mandipropamid	T310	AR	0.01	mg/kg	<0.01
Mefenacet	T310	AR	0.01	mg/kg	<0.01
Metaflumizone	T310	AR	0.01	mg/kg	<0.01
Metamitron	T310	AR	0.01	mg/kg	<0.01
Metconazole	T310	AR	0.01	mg/kg	<0.01
Methabenzthiazuron	T310	AR	0.01	mg/kg	<0.01
Methamidophos	T310	AR	0.01	mg/kg	<0.01
Methiocarb	T310	AR	0.01	mg/kg	<0.01
Methiocarb sulfone	T310	AR	0.01	mg/kg	<0.01
Methiocarb Sulfoxide	T310	AR	0.01	mg/kg	<0.01
Methomyl	T310	AR	0.01	mg/kg	<0.01
Methoxyfenozide	T310	AR	0.01	mg/kg	<0.01
Metobromuron	T310	AR	0.01	mg/kg	<0.01
Monocrotophos	T310	AR	0.01	mg/kg	<0.01
Monolinuron	T310	AR	0.01	mg/kg	<0.01
Monuron	T310	AR	0.01	mg/kg	<0.01
Neburon	T310	AR	0.01	mg/kg	<0.01
Nicotine	T310	AR	0.01	mg/kg	<0.01

SAL Reference: 633134 Project Site: Brookfield Providence Hill Customer Reference: E-E1663 Soil Analysed as Soil MRPS by LC (CSOPP603)					
SAL Reference					633134 011
Customer Sample Reference					TP2
Depth					0.8
Date Sampled					26-JAN-2017
Determinand	Method	Test Sample	LOD	Units	
Nitenpyram	T310	AR	0.01	mg/kg	<0.01
Novaluron	T310	AR	0.01	mg/kg	<0.01
Omethoate	T310	AR	0.01	mg/kg	<0.01
Oxadiazyl	T310	AR	0.01	mg/kg	<0.01
Oxamyl	T310	AR	0.01	mg/kg	<0.01
Oxycarboxin	T310	AR	0.01	mg/kg	<0.01
Penicuron	T310	AR	0.01	mg/kg	<0.01
Phenmedipham	T310	AR	0.01	mg/kg	<0.01
Phorate sulfone	T310	AR	0.01	mg/kg	<0.01
Phorate sulfoxide	T310	AR	0.01	mg/kg	<0.01
Phosmet	T310	AR	0.01	mg/kg	<0.01
Phosphamidon	T310	AR	0.01	mg/kg	<0.01
Phoxim	T310	AR	0.01	mg/kg	<0.01
Pirimicarb	T310	AR	0.01	mg/kg	<0.01
Pirimicarb desmethyl	T310	AR	0.01	mg/kg	<0.01
Prochloraz	T310	AR	0.01	mg/kg	<0.01
Propamocarb	T310	AR	0.01	mg/kg	<0.01
Propaquizafop	T310	AR	0.01	mg/kg	<0.01
Propargite	T310	AR	0.01	mg/kg	<0.01
Propoxur	T310	AR	0.01	mg/kg	<0.01
Prothioconazole desthio	T310	AR	0.01	mg/kg	<0.01
Pyraclostrobin	T310	AR	0.01	mg/kg	<0.01
Pyrethrin I	T310	AR	0.01	mg/kg	<0.01
Pyrifenoxy	T310	AR	0.01	mg/kg	<0.01
Resmethrin	T310	AR	0.01	mg/kg	<0.01
Spinetoram	T310	AR	0.01	mg/kg	<0.01
Spinosad	T310	AR	0.01	mg/kg	<0.01
Spirodiclofen	T310	AR	0.01	mg/kg	<0.01
Spiromesifen	T310	AR	0.01	mg/kg	<0.01
Spirotetramat	T310	AR	0.01	mg/kg	<0.01
Spiroxamine	T310	AR	0.01	mg/kg	<0.01
Tebufozate	T310	AR	0.01	mg/kg	<0.01
Teflubenzuron	T310	AR	0.01	mg/kg	<0.01
Temephos	T310	AR	0.01	mg/kg	<0.01
Terbufos sulfone	T310	AR	0.01	mg/kg	<0.01
Terbufos sulfoxide	T310	AR	0.01	mg/kg	<0.01
Thiabendazole	T310	AR	0.01	mg/kg	<0.01
Thiacloprid	T310	AR	0.01	mg/kg	<0.01
Thiamethoxam	T310	AR	0.01	mg/kg	<0.01
Thiazafuron	T310	AR	0.01	mg/kg	<0.01
Thidiazuron	T310	AR	0.01	mg/kg	<0.01
Thiodicarb	T310	AR	0.01	mg/kg	<0.01
Thiofanox	T310	AR	0.01	mg/kg	<0.01
Thiophanate Methyl	T310	AR	0.01	mg/kg	<0.01
Tolylfluanid	T310	AR	0.01	mg/kg	<0.01
Tribenuron methyl	T310	AR	0.01	mg/kg	<0.01
Tridemorph	T310	AR	0.01	mg/kg	<0.01
Trifluriduron	T310	AR	0.01	mg/kg	<0.01
Triflurosulfuron-methyl	T310	AR	0.01	mg/kg	<0.01
Triforine	T310	AR	0.01	mg/kg	<0.01
Trifluconazole	T310	AR	0.01	mg/kg	<0.01
Vamidothion	T310	AR	0.01	mg/kg	<0.01
Vernolate	T310	AR	0.01	mg/kg	<0.01
Zoxamide	T310	AR	0.01	mg/kg	<0.01

Index to symbols used in 633134-2

Value	Description
AR	As Received
S	Analysis was subcontracted
N	Analysis is not UKAS accredited

Notes

Analysis has been completed by our Cambridge lab

Method Index

Value	Description
T310	LC/MS/MS
T826	SOP611 (GC MSMS)

Accreditation Summary

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
2,4,6-Trichlorophenol	T826	AR	0.01	mg/kg	N	001-011
2-Methyl-4,6-dinitrophenol	T826	AR	0.01	mg/kg	N	001-011
2-Phenylphenol	T826	AR	0.01	mg/kg	N	001-011
9,10-Anthraquinone	T826	AR	0.01	mg/kg	N	001-011
Acetochlor	T826	AR	0.01	mg/kg	N	001-011
Aclonifen	T826	AR	0.01	mg/kg	N	001-011
Acrinathrin	T826	AR	0.01	mg/kg	N	001-011
Alachlor	T826	AR	0.01	mg/kg	N	001-011
Aldrin	T826	AR	0.01	mg/kg	N	001-011
Ametryn	T826	AR	0.01	mg/kg	N	001-011
Atraton	T826	AR	0.01	mg/kg	N	001-011
Atrazine	T826	AR	0.01	mg/kg	N	001-011
Azaconazole	T826	AR	0.01	mg/kg	N	001-011
Azobenzene	T826	AR	0.01	mg/kg	N	001-011
Azoxystrobin	T826	AR	0.01	mg/kg	N	001-011
Benalaxyl	T826	AR	0.01	mg/kg	N	001-011
Benfluralin	T826	AR	0.01	mg/kg	N	001-011
Bifenox	T826	AR	0.01	mg/kg	N	001-011
Bifenthrin	T826	AR	0.01	mg/kg	N	001-011
Binapacryl	T826	AR	0.01	mg/kg	N	001-011
Biphenyl	T826	AR	0.01	mg/kg	N	001-011
Bitertanol	T826	AR	0.01	mg/kg	N	001-011
Boscalid	T826	AR	0.01	mg/kg	N	001-011
Bromacil	T826	AR	0.01	mg/kg	N	001-011
Bromophos	T826	AR	0.01	mg/kg	N	001-011
Bromophos-Ethyl	T826	AR	0.01	mg/kg	N	001-011
Bromopropylate	T826	AR	0.01	mg/kg	N	001-011
Bupirimate	T826	AR	0.01	mg/kg	N	001-011
Buprofezine	T826	AR	0.01	mg/kg	N	001-011
Butachlor	T826	AR	0.01	mg/kg	N	001-011
Cadusafos	T826	AR	0.01	mg/kg	N	001-011
Captan	T826	AR	0.01	mg/kg	N	001-011
Carbaryl	T826	AR	0.01	mg/kg	N	001-011
Carbophenothion	T826	AR	0.01	mg/kg	N	001-011
Carboxine	T826	AR	0.01	mg/kg	N	001-011
Carfentrazone Ethyl	T826	AR	0.01	mg/kg	N	001-011
Chlorbenzilate	T826	AR	0.01	mg/kg	N	001-011
Chlorbufam	T826	AR	0.01	mg/kg	N	001-011
Chlordane	T826	AR	0.01	mg/kg	N	001-011
Chlordimeform	T826	AR	0.01	mg/kg	N	001-011
Chlorethoxyfos	T826	AR	0.01	mg/kg	N	001-011
Chlorfenapyr	T826	AR	0.01	mg/kg	N	001-011
Chlorfenson	T826	AR	0.01	mg/kg	SN	001-011
Chlorfenvinphos	T826	AR	0.01	mg/kg	N	001-011
Chlormephos	T826	AR	0.01	mg/kg	N	001-011
Chloropropylate	T826	AR	0.01	mg/kg	N	001-011
Chlorothalonil	T826	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Chlorpropham	T826	AR	0.01	mg/kg	N	001-011
Chlorpyrifos	T826	AR	0.01	mg/kg	N	001-011
Chlorpyrifos methyl	T826	AR	0.01	mg/kg	N	001-011
Chlorthal Dimethyl	T826	AR	0.01	mg/kg	N	001-011
Chlorthion	T826	AR	0.01	mg/kg	N	001-011
Chlorthiophos	T826	AR	0.01	mg/kg	N	001-011
Chlozolinate	T826	AR	0.01	mg/kg	N	001-011
cis-1,2,3,6-Tetrahydrophthalimide	T826	AR	0.01	mg/kg	N	001-011
Clodinafop propargy	T826	AR	0.01	mg/kg	N	001-011
Clomazone	T826	AR	0.01	mg/kg	N	001-011
Cloquintocet mexyl	T826	AR	0.01	mg/kg	N	001-011
Coumaphos	T826	AR	0.01	mg/kg	N	001-011
Cyflufenamid	T826	AR	0.01	mg/kg	N	001-011
Cyfluthrin	T826	AR	0.01	mg/kg	N	001-011
Cypermethrin	T826	AR	0.01	mg/kg	N	001-011
Cyphenothrin	T826	AR	0.01	mg/kg	N	001-011
Cyproconazole	T826	AR	0.01	mg/kg	N	001-011
Cyprodinil	T826	AR	0.01	mg/kg	N	001-011
DEET	T826	AR	0.01	mg/kg	N	001-011
Deltamethrin	T826	AR	0.01	mg/kg	N	001-011
Desmetryn	T826	AR	0.01	mg/kg	N	001-011
Diafenthiuron	T826	AR	0.01	mg/kg	N	001-011
Dialifos	T826	AR	0.01	mg/kg	N	001-011
Diazinon	T826	AR	0.01	mg/kg	N	001-011
Dichlobenil	T826	AR	0.01	mg/kg	N	001-011
Dichlofenthion	T826	AR	0.01	mg/kg	N	001-011
Dichlorvos	T826	AR	0.01	mg/kg	N	001-011
Diclobutrazol	T826	AR	0.01	mg/kg	N	001-011
Dicloran	T826	AR	0.01	mg/kg	N	001-011
Dicofol	T826	AR	0.01	mg/kg	N	001-011
Dieldrin	T826	AR	0.01	mg/kg	N	001-011
Difenoconazole	T826	AR	0.01	mg/kg	N	001-011
Diiflufenican	T826	AR	0.01	mg/kg	N	001-011
Dimethenamid	T826	AR	0.01	mg/kg	N	001-011
Dimethomorph	T826	AR	0.01	mg/kg	N	001-011
Dimoxystrobin	T826	AR	0.01	mg/kg	N	001-011
Dinoterb	T826	AR	0.01	mg/kg	N	001-011
Dioxabenzofos	T826	AR	0.01	mg/kg	N	001-011
Diphenamid	T826	AR	0.01	mg/kg	N	001-011
Diphenylamine	T826	AR	0.01	mg/kg	N	001-011
Disulfoton	T826	AR	0.01	mg/kg	N	001-011
Ditalimfos	T826	AR	0.01	mg/kg	N	001-011
Edifenphos	T826	AR	0.01	mg/kg	N	001-011
Endosulphan alpha	T826	AR	0.01	mg/kg	N	001-011
Endosulphan beta	T826	AR	0.01	mg/kg	N	001-011
Endosulphan sulphate	T826	AR	0.01	mg/kg	N	001-011
Endrin	T826	AR	0.01	mg/kg	N	001-011
Epn	T826	AR	0.01	mg/kg	N	001-011
Epoxiconazole	T826	AR	0.01	mg/kg	N	001-011
EPTC	T826	AR	0.01	mg/kg	N	001-011
Etaconazole	T826	AR	0.01	mg/kg	N	001-011
Ethion	T826	AR	0.01	mg/kg	N	001-011
Ethofumesate	T826	AR	0.01	mg/kg	N	001-011
Ethoprophos	T826	AR	0.01	mg/kg	N	001-011
Ethoxyquin	T826	AR	0.01	mg/kg	N	001-011
Etofenprox	T826	AR	0.01	mg/kg	N	001-011
Etoxazole	T826	AR	0.01	mg/kg	N	001-011
Etridiazole	T826	AR	0.01	mg/kg	N	001-011
Etrimfos	T826	AR	0.01	mg/kg	N	001-011
Famoxadone	T826	AR	0.01	mg/kg	N	001-011
Famphur	T826	AR	0.01	mg/kg	N	001-011
Fenamidone	T826	AR	0.01	mg/kg	N	001-011
Fenamiphos	T826	AR	0.01	mg/kg	N	001-011
Fenarimol	T826	AR	0.01	mg/kg	N	001-011
Fenbuconazole	T826	AR	0.01	mg/kg	N	001-011
Fenchlorphos	T826	AR	0.01	mg/kg	N	001-011
Fenhexamid	T826	AR	0.01	mg/kg	N	001-011
Fenitrothion	T826	AR	0.01	mg/kg	N	001-011
Fenpiclonil	T826	AR	0.01	mg/kg	N	001-011
Fenpropathrin	T826	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Fenson	T826	AR	0.01	mg/kg	N	001-011
Fensulfothion	T826	AR	0.01	mg/kg	N	001-011
Fenthion	T826	AR	0.01	mg/kg	N	001-011
Fenvalerate	T826	AR	0.01	mg/kg	N	001-011
Fipronil	T826	AR	0.01	mg/kg	N	001-011
Fipronil sulphone	T826	AR	0.01	mg/kg	N	001-011
Flamprop isopropyl	T826	AR	0.01	mg/kg	N	001-011
Fluazifop-P-Butyl	T826	AR	0.01	mg/kg	N	001-011
Flucythrinate	T826	AR	0.01	mg/kg	N	001-011
Fludioxonil	T826	AR	0.01	mg/kg	N	001-011
Flufenacet	T826	AR	0.01	mg/kg	N	001-011
Flumetralin	T826	AR	0.01	mg/kg	N	001-011
Flumioxazin	T826	AR	0.01	mg/kg	N	001-011
Flumorph	T826	AR	0.01	mg/kg	N	001-011
Fluopyram	T826	AR	0.01	mg/kg	N	001-011
Fluquinconazole	T826	AR	0.01	mg/kg	N	001-011
Fluroxypyr-1-methylheptyl ester	T826	AR	0.01	mg/kg	N	001-011
Flusilazole	T826	AR	0.01	mg/kg	N	001-011
Flutolanil	T826	AR	0.01	mg/kg	N	001-011
Fluxapyroxad	T826	AR	0.01	mg/kg	N	001-011
Folpet	T826	AR	0.01	mg/kg	N	001-011
Fonophos	T826	AR	0.01	mg/kg	N	001-011
Formothion	T826	AR	0.01	mg/kg	N	001-011
Furalaxyl	T826	AR	0.01	mg/kg	N	001-011
Haloxypop etotyl	T826	AR	0.01	mg/kg	N	001-011
Haloxypop Methyl	T826	AR	0.01	mg/kg	N	001-011
Heptachlor	T826	AR	0.01	mg/kg	N	001-011
Heptachlor epoxide	T826	AR	0.01	mg/kg	N	001-011
Heptachlor exo Epoxide	T826	AR	0.01	mg/kg	N	001-011
Heptenophos	T826	AR	0.01	mg/kg	N	001-011
Hexachlorobenzene	T826	AR	0.01	mg/kg	N	001-011
Hexachlorocyclohexane (alpha)	T826	AR	0.01	mg/kg	N	001-011
Hexachlorocyclohexane (beta)	T826	AR	0.01	mg/kg	N	001-011
Hexachlorocyclohexane (delta)	T826	AR	0.01	mg/kg	N	001-011
Hexaconazole	T826	AR	0.01	mg/kg	N	001-011
Hexazinone	T826	AR	0.01	mg/kg	N	001-011
Imazalil	T826	AR	0.01	mg/kg	N	001-011
Iodofenphos	T826	AR	0.01	mg/kg	N	001-011
Iprodione	T826	AR	0.01	mg/kg	N	001-011
Isazofos	T826	AR	0.01	mg/kg	N	001-011
Isocarbophos	T826	AR	0.01	mg/kg	N	001-011
Isodrin	T826	AR	0.01	mg/kg	N	001-011
Isofenphos	T826	AR	0.01	mg/kg	N	001-011
Isofenphos Methyl	T826	AR	0.01	mg/kg	N	001-011
Isomethiozin	T826	AR	0.01	mg/kg	N	001-011
Isoprothiolane	T826	AR	0.01	mg/kg	N	001-011
Isoprazam	T826	AR	0.01	mg/kg	N	001-011
Isothiazolinone	T826	AR	0.01	mg/kg	N	001-011
Kresoxim Methyl	T826	AR	0.01	mg/kg	N	001-011
Lambda Cyhalothrin	T826	AR	0.01	mg/kg	N	001-011
Lenacil	T826	AR	0.01	mg/kg	N	001-011
Leptophos	T826	AR	0.01	mg/kg	N	001-011
Lindane	T826	AR	0.01	mg/kg	N	001-011
Malathion	T826	AR	0.01	mg/kg	N	001-011
MCPA-thioethyl	T826	AR	0.01	mg/kg	N	001-011
Mecarbam	T826	AR	0.01	mg/kg	N	001-011
Mepanipyrim	T826	AR	0.01	mg/kg	N	001-011
Mephosfolan	T826	AR	0.01	mg/kg	N	001-011
Mepronil	T826	AR	0.01	mg/kg	N	001-011
Metalaxyl	T826	AR	0.01	mg/kg	N	001-011
Metazachlor	T826	AR	0.01	mg/kg	N	001-011
Methacrifos	T826	AR	0.01	mg/kg	N	001-011
Methidathion	T826	AR	0.01	mg/kg	N	001-011
Methoxychlor	T826	AR	0.01	mg/kg	N	001-011
Methyl Paraoxon	T826	AR	0.01	mg/kg	N	001-011
Metolachlor	T826	AR	0.01	mg/kg	N	001-011
Metolcarb	T826	AR	0.01	mg/kg	N	001-011
Metrafenone	T826	AR	0.01	mg/kg	N	001-011
Metribuzin	T826	AR	0.01	mg/kg	N	001-011
Mevinphos	T826	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Mirex	T826	AR	0.01	mg/kg	N	001-011
Molinate	T826	AR	0.01	mg/kg	N	001-011
Myclobutanil	T826	AR	0.01	mg/kg	N	001-011
Napropamide	T826	AR	0.01	mg/kg	N	001-011
Nitrofen	T826	AR	0.01	mg/kg	N	001-011
Nitrothal isopropyl	T826	AR	0.01	mg/kg	N	001-011
Nuarimol	T826	AR	0.01	mg/kg	N	001-011
o,p'-DDT	T826	AR	0.01	mg/kg	N	001-011
Octhilinone	T826	AR	0.01	mg/kg	N	001-011
Ofurace	T826	AR	0.01	mg/kg	N	001-011
Oryastrobin	T826	AR	0.01	mg/kg	N	001-011
Oxadiazon	T826	AR	0.01	mg/kg	N	001-011
Oxadixyl	T826	AR	0.01	mg/kg	N	001-011
Oxyfluorfen	T826	AR	0.01	mg/kg	N	001-011
p,p-DDD	T826	AR	0.01	mg/kg	N	001-011
p,p-DDE	T826	AR	0.01	mg/kg	N	001-011
p,p-DDT	T826	AR	0.01	mg/kg	N	001-011
Paclobutrazol	T826	AR	0.01	mg/kg	N	001-011
Paraoxon	T826	AR	0.01	mg/kg	N	001-011
Parathion	T826	AR	0.01	mg/kg	N	001-011
Parathion methyl	T826	AR	0.01	mg/kg	N	001-011
Penconazole	T826	AR	0.01	mg/kg	N	001-011
Pendimethalin	T826	AR	0.01	mg/kg	N	001-011
Pentachloroaniline	T826	AR	0.01	mg/kg	N	001-011
Pentachlorophenol	T826	AR	0.01	mg/kg	N	001-011
Pentachlor	T826	AR	0.01	mg/kg	N	001-011
Permethrin	T826	AR	0.01	mg/kg	N	001-011
Pethoxamid	T826	AR	0.01	mg/kg	N	001-011
Phenothrin	T826	AR	0.01	mg/kg	N	001-011
Phenthoate	T826	AR	0.01	mg/kg	N	001-011
Phorate	T826	AR	0.01	mg/kg	N	001-011
Phosalone	T826	AR	0.01	mg/kg	N	001-011
Phosfolan	T826	AR	0.01	mg/kg	N	001-011
Phosmet	T826	AR	0.01	mg/kg	N	001-011
Phthalimide	T826	AR	0.01	mg/kg	N	001-011
Picoxystrobin	T826	AR	0.01	mg/kg	N	001-011
Piperonyl Butoxide	T826	AR	0.01	mg/kg	N	001-011
Pirimicarb	T826	AR	0.01	mg/kg	N	001-011
Pirimiphos Ethyl	T826	AR	0.01	mg/kg	N	001-011
Pirimiphos methyl	T826	AR	0.01	mg/kg	N	001-011
Pretilachlor	T826	AR	0.01	mg/kg	N	001-011
Prochloraz	T826	AR	0.01	mg/kg	N	001-011
Procymidone	T826	AR	0.01	mg/kg	N	001-011
Profenofos	T826	AR	0.01	mg/kg	N	001-011
Prometon	T826	AR	0.01	mg/kg	N	001-011
Prometryn	T826	AR	0.01	mg/kg	N	001-011
Propachlor	T826	AR	0.01	mg/kg	N	001-011
Propanil	T826	AR	0.01	mg/kg	N	001-011
Propaphos	T826	AR	0.01	mg/kg	N	001-011
Propargite	T826	AR	0.01	mg/kg	N	001-011
Propazine	T826	AR	0.01	mg/kg	N	001-011
Propetamphos	T826	AR	0.01	mg/kg	N	001-011
Propham	T826	AR	0.01	mg/kg	N	001-011
Propiconazole	T826	AR	0.01	mg/kg	N	001-011
Propyzamide	T826	AR	0.01	mg/kg	N	001-011
Proquinazid	T826	AR	0.01	mg/kg	N	001-011
Prosulfocarb	T826	AR	0.01	mg/kg	N	001-011
Prothiofos	T826	AR	0.01	mg/kg	N	001-011
Pyraclostrobin	T826	AR	0.01	mg/kg	N	001-011
Pyraflufen ethyl	T826	AR	0.01	mg/kg	N	001-011
Pyrazophos	T826	AR	0.01	mg/kg	N	001-011
Pyridaben	T826	AR	0.01	mg/kg	N	001-011
Pyridaphenthion	T826	AR	0.01	mg/kg	N	001-011
Pyrimethanil	T826	AR	0.01	mg/kg	N	001-011
Pyriproxyfen	T826	AR	0.01	mg/kg	N	001-011
Quinalphos	T826	AR	0.01	mg/kg	N	001-011
Quinoxifen	T826	AR	0.01	mg/kg	N	001-011
Quintozene	T826	AR	0.01	mg/kg	N	001-011
Quizalofop-ethyl	T826	AR	0.01	mg/kg	N	001-011
S421	T826	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Secbumeton	T826	AR	0.01	mg/kg	N	001-011
Silafluofen	T826	AR	0.01	mg/kg	N	001-011
Simazine	T826	AR	0.01	mg/kg	N	001-011
Simeconazole	T826	AR	0.01	mg/kg	N	001-011
Sulfallate	T826	AR	0.01	mg/kg	N	001-011
Sulfentrazone	T826	AR	0.01	mg/kg	N	001-011
Sulprofos	T826	AR	0.01	mg/kg	N	001-011
Tau-Fluvalinate	T826	AR	0.01	mg/kg	N	001-011
Tebuconazole	T826	AR	0.01	mg/kg	N	001-011
Tebufenpyrad	T826	AR	0.01	mg/kg	N	001-011
Tebupirimiphos	T826	AR	0.01	mg/kg	N	001-011
Tecnazene	T826	AR	0.01	mg/kg	N	001-011
Tefluthrin	T826	AR	0.01	mg/kg	N	001-011
Terbacil	T826	AR	0.01	mg/kg	N	001-011
Terbufos	T826	AR	0.01	mg/kg	N	001-011
Terbumeton	T826	AR	0.01	mg/kg	N	001-011
Terbuthylazine	T826	AR	0.01	mg/kg	N	001-011
Terbutryn	T826	AR	0.01	mg/kg	N	001-011
Tetrachlorvinphos	T826	AR	0.01	mg/kg	N	001-011
Tetraconazole	T826	AR	0.01	mg/kg	N	001-011
Tetradifon	T826	AR	0.01	mg/kg	N	001-011
sulfotep	T826	AR	0.01	mg/kg	N	001-011
Tetramethrin	T826	AR	0.01	mg/kg	N	001-011
Tetrasul	T826	AR	0.01	mg/kg	N	001-011
Thiamethoxam	T826	AR	0.01	mg/kg	N	001-011
Thiobencarb	T826	AR	0.01	mg/kg	N	001-011
Thiocyclam	T826	AR	0.01	mg/kg	N	001-011
Thiometon	T826	AR	0.01	mg/kg	N	001-011
Tolclofos methyl	T826	AR	0.01	mg/kg	N	001-011
Triadimefon	T826	AR	0.01	mg/kg	N	001-011
Triadimenol	T826	AR	0.01	mg/kg	N	001-011
Triallate	T826	AR	0.01	mg/kg	N	001-011
Triazamate	T826	AR	0.01	mg/kg	N	001-011
Triazophos	T826	AR	0.01	mg/kg	N	001-011
Trietazine	T826	AR	0.01	mg/kg	N	001-011
Trifloxystrobin	T826	AR	0.01	mg/kg	N	001-011
Triflumizole	T826	AR	0.01	mg/kg	N	001-011
Trifluralin	T826	AR	0.01	mg/kg	N	001-011
Uniconazole	T826	AR	0.01	mg/kg	N	001-011
Vinclozolin	T826	AR	0.01	mg/kg	N	001-011
2-(1-Naphthyl)acetamide	T310	AR	0.01	mg/kg	N	001-011
3-hydroxycarbofuran	T310	AR	0.01	mg/kg	N	001-011
6-Benzyladenine	T310	AR	0.01	mg/kg	N	001-011
Abamectin	T310	AR	0.01	mg/kg	N	001-011
Acephate	T310	AR	0.01	mg/kg	N	001-011
Acetamiprid	T310	AR	0.01	mg/kg	N	001-011
Acibenzolar-S-methyl	T310	AR	0.01	mg/kg	N	001-011
Aldicarb	T310	AR	0.01	mg/kg	N	001-011
Aldicarb sulphone	T310	AR	0.01	mg/kg	N	001-011
Aldicarb sulphoxide	T310	AR	0.01	mg/kg	N	001-011
Aminocarb	T310	AR	0.01	mg/kg	N	001-011
Amitraz	T310	AR	0.01	mg/kg	N	001-011
Azinphos ethyl	T310	AR	0.01	mg/kg	N	001-011
Azinphos methyl	T310	AR	0.01	mg/kg	N	001-011
Azoxystrobin	T310	AR	0.01	mg/kg	N	001-011
Bendiocarb	T310	AR	0.01	mg/kg	N	001-011
Benfuracarb	T310	AR	0.01	mg/kg	N	001-011
Bifenazate	T310	AR	0.01	mg/kg	N	001-011
Butoxycarboxim	T310	AR	0.01	mg/kg	N	001-011
Butralin	T310	AR	0.01	mg/kg	N	001-011
Carbaryl	T310	AR	0.01	mg/kg	N	001-011
Carbendazim	T310	AR	0.01	mg/kg	N	001-011
Carbetamide	T310	AR	0.01	mg/kg	N	001-011
Carbofuran	T310	AR	0.01	mg/kg	N	001-011
Carpropamid	T310	AR	0.01	mg/kg	N	001-011
Chinomethionat	T310	AR	0.01	mg/kg	N	001-011
chlorantraniliprole	T310	AR	0.01	mg/kg	N	001-011
Chlorbromuron	T310	AR	0.01	mg/kg	N	001-011
Chlorfluazuron	T310	AR	0.01	mg/kg	N	001-011
Chloridazon	T310	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Chlorotoluron	T310	AR	0.01	mg/kg	N	001-011
Chlorpropham	T310	AR	0.01	mg/kg	N	001-011
Clofentezine	T310	AR	0.01	mg/kg	N	001-011
Clothianidin	T310	AR	0.01	mg/kg	N	001-011
Cyanazine	T310	AR	0.01	mg/kg	N	001-011
Cyazofamid	T310	AR	0.01	mg/kg	N	001-011
Cycluron	T310	AR	0.01	mg/kg	N	001-011
Cymoxanil	T310	AR	0.01	mg/kg	N	001-011
Cyromazine	T310	AR	0.01	mg/kg	N	001-011
Cythioate	T310	AR	0.01	mg/kg	N	001-011
Demeton	T310	AR	0.01	mg/kg	N	001-011
Demeton-s-methyl sulphone	T310	AR	0.01	mg/kg	N	001-011
Desmedipham	T310	AR	0.01	mg/kg	N	001-011
Dicropothos	T310	AR	0.01	mg/kg	N	001-011
Diethofencarb	T310	AR	0.01	mg/kg	N	001-011
Diflubenzuron	T310	AR	0.01	mg/kg	N	001-011
Dimefuron	T310	AR	0.01	mg/kg	N	001-011
Dimethoate	T310	AR	0.01	mg/kg	N	001-011
Diniconazole	T310	AR	0.01	mg/kg	N	001-011
Dinotefuran	T310	AR	0.01	mg/kg	N	001-011
Dioxacarb	T310	AR	0.01	mg/kg	N	001-011
Disulfoton sulfoxide	T310	AR	0.01	mg/kg	N	001-011
Disulfoton sulphone	T310	AR	0.01	mg/kg	N	001-011
Diuron	T310	AR	0.01	mg/kg	N	001-011
DMSA	T310	AR	0.01	mg/kg	N	001-011
DMST	T310	AR	0.01	mg/kg	N	001-011
Dodemorph	T310	AR	0.01	mg/kg	N	001-011
Eamectin	T310	AR	0.01	mg/kg	N	001-011
Ethidimuron	T310	AR	0.01	mg/kg	N	001-011
Ethiofencarb	T310	AR	0.01	mg/kg	N	001-011
Ethiofencarb sulfone	T310	AR	0.01	mg/kg	N	001-011
Ethiofencarb sulfoxide	T310	AR	0.01	mg/kg	N	001-011
Ethiprole	T310	AR	0.01	mg/kg	N	001-011
Ethirimol	T310	AR	0.01	mg/kg	N	001-011
Fenamiphos sulfone	T310	AR	0.01	mg/kg	N	001-011
Fenamiphos sulfoxide	T310	AR	0.01	mg/kg	N	001-011
Fenazaquin	T310	AR	0.01	mg/kg	N	001-011
Fenchlorphos oxon	T310	AR	0.01	mg/kg	N	001-011
Fenhexamid	T310	AR	0.01	mg/kg	N	001-011
Fenpropidin	T310	AR	0.01	mg/kg	N	001-011
Fenpropimorph	T310	AR	0.01	mg/kg	N	001-011
Fenpyroximate	T310	AR	0.01	mg/kg	N	001-011
Fenthion Sulphone	T310	AR	0.01	mg/kg	N	001-011
Fenthion Sulphoxide	T310	AR	0.01	mg/kg	N	001-011
Fenuron	T310	AR	0.01	mg/kg	N	001-011
Flonicamid	T310	AR	0.01	mg/kg	N	001-011
Fluazinam	T310	AR	0.01	mg/kg	N	001-011
Flufenoxuron	T310	AR	0.01	mg/kg	N	001-011
Fluometuron	T310	AR	0.01	mg/kg	N	001-011
Fluopicolide	T310	AR	0.01	mg/kg	N	001-011
Fluorochloridone	T310	AR	0.01	mg/kg	N	001-011
Flurtamone	T310	AR	0.01	mg/kg	N	001-011
Flutriafol	T310	AR	0.01	mg/kg	N	001-011
Forchlorfenuron	T310	AR	0.01	mg/kg	N	001-011
Formetanate	T310	AR	0.01	mg/kg	N	001-011
Fuberidazole	T310	AR	0.01	mg/kg	N	001-011
Furathiocarb	T310	AR	0.01	mg/kg	N	001-011
Hexaflumuron	T310	AR	0.01	mg/kg	N	001-011
Hexythiazox	T310	AR	0.01	mg/kg	N	001-011
Imazalil	T310	AR	0.01	mg/kg	N	001-011
Imidacloprid	T310	AR	0.01	mg/kg	N	001-011
Indoxacarb	T310	AR	0.01	mg/kg	N	001-011
Iprovalicarb	T310	AR	0.01	mg/kg	N	001-011
Isoprocarb	T310	AR	0.01	mg/kg	N	001-011
Isoproturon	T310	AR	0.01	mg/kg	SN	001-011
Isoxaben	T310	AR	0.01	mg/kg	N	001-011
Karbutylate	T310	AR	0.01	mg/kg	N	001-011
Linuron	T310	AR	0.01	mg/kg	N	001-011
Lufenuron	T310	AR	0.01	mg/kg	N	001-011
Malaoxon	T310	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Mandipropamid	T310	AR	0.01	mg/kg	N	001-011
Mefenacet	T310	AR	0.01	mg/kg	N	001-011
Metaflumizone	T310	AR	0.01	mg/kg	N	001-011
Metamitron	T310	AR	0.01	mg/kg	N	001-011
Metconazole	T310	AR	0.01	mg/kg	N	001-011
Methabenzthiazuron	T310	AR	0.01	mg/kg	N	001-011
Methamidophos	T310	AR	0.01	mg/kg	N	001-011
Methiocarb	T310	AR	0.01	mg/kg	N	001-011
Methiocarb sulfone	T310	AR	0.01	mg/kg	N	001-011
Methiocarb Sulfoxide	T310	AR	0.01	mg/kg	N	001-011
Methomyl	T310	AR	0.01	mg/kg	N	001-011
Methoxyfenozide	T310	AR	0.01	mg/kg	N	001-011
Metobromuron	T310	AR	0.01	mg/kg	N	001-011
Monocrotophos	T310	AR	0.01	mg/kg	N	001-011
Monolinuron	T310	AR	0.01	mg/kg	N	001-011
Monuron	T310	AR	0.01	mg/kg	N	001-011
Neburon	T310	AR	0.01	mg/kg	N	001-011
Nicotine	T310	AR	0.01	mg/kg	N	001-011
Nitenpyram	T310	AR	0.01	mg/kg	N	001-011
Novaluron	T310	AR	0.01	mg/kg	N	001-011
Omethoate	T310	AR	0.01	mg/kg	N	001-011
Oxadiazyl	T310	AR	0.01	mg/kg	N	001-011
Oxamyl	T310	AR	0.01	mg/kg	N	001-011
Oxycarboxin	T310	AR	0.01	mg/kg	N	001-011
Pencycuron	T310	AR	0.01	mg/kg	N	001-011
Phenmedipham	T310	AR	0.01	mg/kg	N	001-011
Phorate sulfone	T310	AR	0.01	mg/kg	N	001-011
Phorate sulfoxide	T310	AR	0.01	mg/kg	N	001-011
Phosmet	T310	AR	0.01	mg/kg	N	001-011
Phosphamidon	T310	AR	0.01	mg/kg	N	001-011
Phoxim	T310	AR	0.01	mg/kg	N	001-011
Pirimicarb	T310	AR	0.01	mg/kg	N	001-011
Pirimicarb desmethyl	T310	AR	0.01	mg/kg	N	001-011
Prochloraz	T310	AR	0.01	mg/kg	N	001-011
Propamocarb	T310	AR	0.01	mg/kg	N	001-011
Propaquizafop	T310	AR	0.01	mg/kg	N	001-011
Propargite	T310	AR	0.01	mg/kg	N	001-011
Propoxur	T310	AR	0.01	mg/kg	N	001-011
Prothioconazole desthio	T310	AR	0.01	mg/kg	N	001-011
Pyraclostrobin	T310	AR	0.01	mg/kg	N	001-011
Pyrethrin I	T310	AR	0.01	mg/kg	N	001-011
Pyrifeno	T310	AR	0.01	mg/kg	N	001-011
Resmethrin	T310	AR	0.01	mg/kg	N	001-011
Spinetoram	T310	AR	0.01	mg/kg	N	001-011
Spinosad	T310	AR	0.01	mg/kg	N	001-011
Spirodiclofen	T310	AR	0.01	mg/kg	N	001-011
Spiromesifen	T310	AR	0.01	mg/kg	N	001-011
Spirotetramat	T310	AR	0.01	mg/kg	N	001-011
Spiroxamine	T310	AR	0.01	mg/kg	N	001-011
Tebufozide	T310	AR	0.01	mg/kg	N	001-011
Teflubenzuron	T310	AR	0.01	mg/kg	N	001-011
Temephos	T310	AR	0.01	mg/kg	N	001-011
Terbufos sulfone	T310	AR	0.01	mg/kg	N	001-011
Terbufos sulfoxide	T310	AR	0.01	mg/kg	N	001-011
Thiabendazole	T310	AR	0.01	mg/kg	N	001-011
Thiacloprid	T310	AR	0.01	mg/kg	N	001-011
Thiamethoxam	T310	AR	0.01	mg/kg	N	001-011
Thiazafuron	T310	AR	0.01	mg/kg	N	001-011
Thidiazuron	T310	AR	0.01	mg/kg	N	001-011
Thiodicarb	T310	AR	0.01	mg/kg	N	001-011
Thiofanox	T310	AR	0.01	mg/kg	N	001-011
Thiophanate Methyl	T310	AR	0.01	mg/kg	N	001-011
Tolylfluanid	T310	AR	0.01	mg/kg	N	001-011
Tribenuron methyl	T310	AR	0.01	mg/kg	N	001-011
Tridemorph	T310	AR	0.01	mg/kg	N	001-011
Triflumuron	T310	AR	0.01	mg/kg	N	001-011
Triflusaluron-methyl	T310	AR	0.01	mg/kg	N	001-011
Triforine	T310	AR	0.01	mg/kg	N	001-011
Triticonazole	T310	AR	0.01	mg/kg	N	001-011
Vamidothion	T310	AR	0.01	mg/kg	N	001-011

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Vernolate	T310	AR	0.01	mg/kg	N	001-011
Zoxamide	T310	AR	0.01	mg/kg	N	001-011



APPENDIX E

Geotechnical Test Results



Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results

Job No. 22301	Project Name Brookfield, Providence Hill	Programme	
		Samples received	03/02/2017
		Schedule received	01/02/2017
Project No. E-E1663.00	Client OPUS	Project started	06/02/2017
		Testing Started	13/02/2017

Hole No.	Sample				Soil Description	Water Content	Passing 425µm	LL	PL	PI	Remarks
	Ref	Top	Base	Type		%	%	%	%	%	
TP1	-	0.50	-	D	Orangish brown and grey slightly gravelly slightly fine sandy silty CLAY with traces of fine rootlets (gravel is fm and sub-angular to rounded)	33	95	44	19	25	
TP5	-	1.00	-	D	Orangish brown and grey sandy silty CLAY (gravel is fm and sub-angular to rounded)	21	75	41	17	24	
TP5	-	2.00	-	D	Orangish brown and grey sandy CLAY	28	100	52	21	31	
WS1	-	2.95	-	D	Orangish brown and grey slightly sandy silty CLAY with traces of fine rootlets	34	100	53	22	31	
WS4	-	0.95	-	D	Orangish brown and occasional grey slightly gravelly silty CLAY with traces of fine rootlets (gravel is fmc and sub-angular to rounded)	39	90	82	30	52	
WS7	-	0.95	-	D	Orangish brown and grey silty CLAY with traces of fine rootlets	29	100	74	27	47	

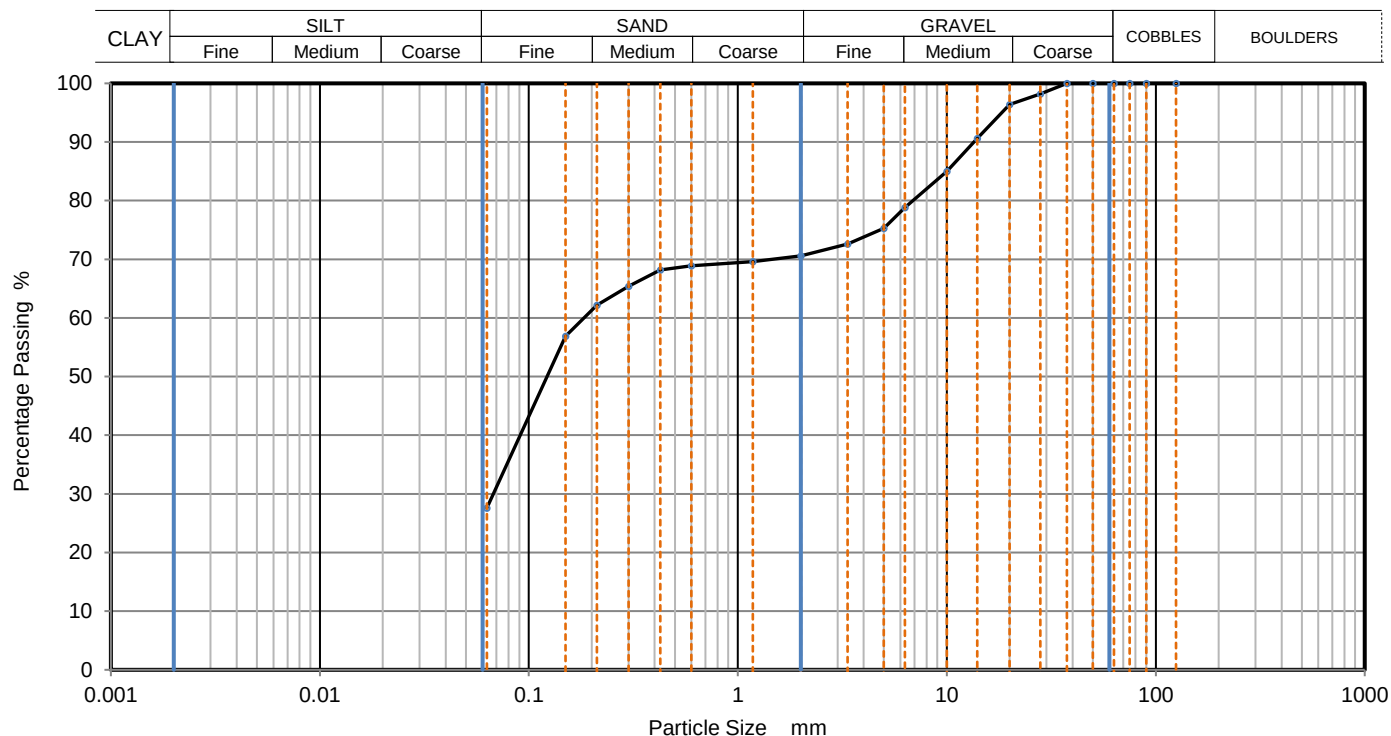
 2519	Test Methods: BS1377: Part 2: 1990: Natural Moisture Content : clause 3.2 Atterberg Limits: clause 4.3 and 5.0	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU Tel: 01923 711 288 Email: James@k4soils.com	Checked and Approved Initials J.P Date: 15/02/2017
	Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)		MSF-5-R1(b)



PARTICLE SIZE DISTRIBUTION

Job Ref	22301
Borehole/Pit No.	TP4
Sample No.	
Depth	1.30 m
Sample Type	B
Samples received	03/02/2017
Schedules received	01/02/2017
Project started	06/02/2017
Date tested	10/02/2017

Site Name	Brookfield, Providence Hill		
Project No.	E-E1663.00	Client	OPUS
Soil Description	Brown silty clayey very gravelly SAND with occasional roots (gravel is fmc and sub-angular to rounded)		
Test Method	BS1377:Part 2: 1990, clause 9.0		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	98		
20	96		
14	91		
10	85		
6.3	79		
5	75		
3.35	73		
2	71		
1.18	70		
0.6	69		
0.425	68		
0.3	65		
0.212	62		
0.15	57		
0.063	28		

Dry Mass of sample, g 1452

Sample Proportions	% dry mass
Very coarse	0.0
Gravel	29.4
Sand	43.0
Fines <0.063mm	27.6

Grading Analysis	
D100	mm
D60	mm 0.184
D30	mm 0.0676
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks
Preparation and testing in accordance with BS1377 unless noted below



K4 Soils Laboratory
Unit 8, Olds Close, Watford, Herts, WD18 9RU
Email: james@k4soils.com
Tel: 01923 711288

Checked and Approved
Initials: J.P
Date: 15/02/2017

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5-R3



PARTICLE SIZE DISTRIBUTION

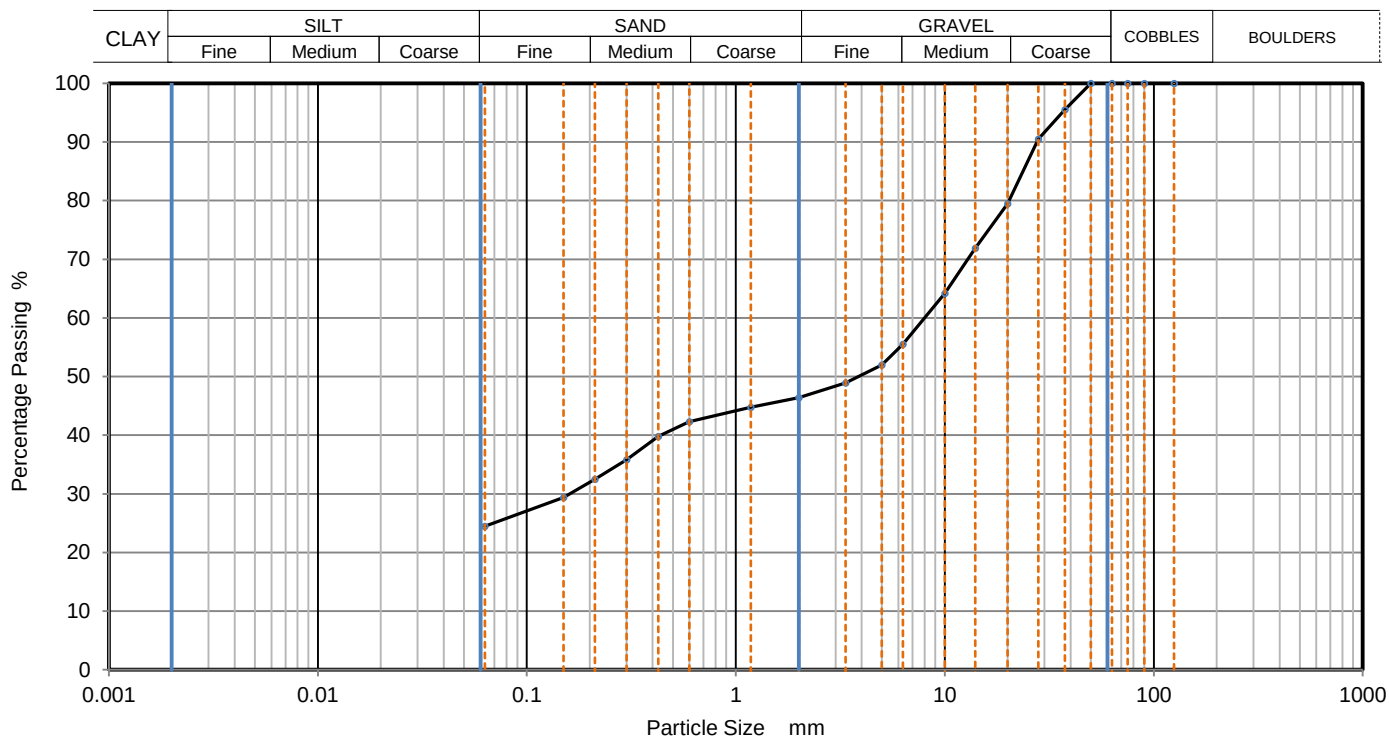
Job Ref	22301
Borehole/Pit No.	TP6
Sample No.	
Depth	1.00 m
Sample Type	B
Samples received	03/02/2017
Schedules received	01/02/2017
Project started	06/02/2017
Date tested	10/02/2017

Site Name Brookfield, Providence Hill

Project No. E-E1663.00 Client OPUS

Soil Description Orangish brown and occasional grey silty clayey very sandy GRAVEL (gravel is fmc and sub-angular to rounded)

Test Method BS1377:Part 2: 1990, clause 9.0



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	96		
28	91		
20	80		
14	72		
10	64		
6.3	56		
5	52		
3.35	49		
2	46		
1.18	45		
0.6	42		
0.425	40		
0.3	36		
0.212	33		
0.15	29		
0.063	25		

Dry Mass of sample, g 1833

Sample Proportions	% dry mass
Very coarse	0.0
Gravel	53.6
Sand	21.8
Fines <0.063mm	24.5

Grading Analysis	
D100	mm
D60	mm 8.01
D30	mm 0.16
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

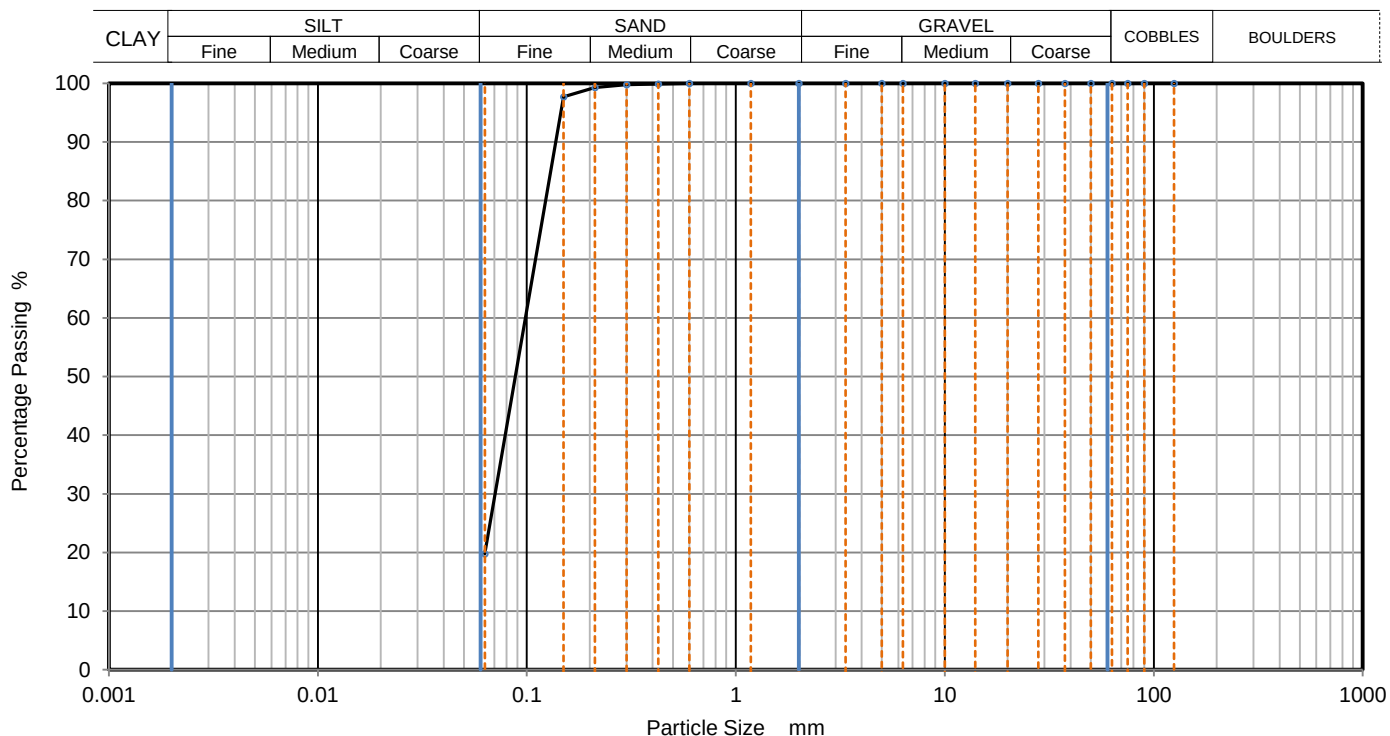
Remarks Preparation and testing in accordance with BS1377 unless noted below



PARTICLE SIZE DISTRIBUTION

Job Ref	22301
Borehole/Pit No.	WS6
Sample No.	
Depth	1.95 m
Sample Type	D
Samples received	03/02/2017
Schedules received	01/02/2017
Project started	06/02/2017
Date tested	10/02/2017

Site Name	Brookfield, Providence Hill		
Project No.	E-E1663.00	Client	OPUS
Soil Description	Orangish brown and occasional grey silty clayey SAND		
Test Method	BS1377:Part 2: 1990, clause 9.0		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	100		
2	100		
1.18	100		
0.6	100		
0.425	100		
0.3	100		
0.212	99		
0.15	98		
0.063	20		

Dry Mass of sample, g 460

Sample Proportions	% dry mass
Very coarse	0.0
Gravel	0.0
Sand	80.2
Fines <0.063mm	19.8

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks
Preparation and testing in accordance with BS1377 unless noted below



K4 Soils Laboratory
Unit 8, Olds Close, Watford, Herts, WD18 9RU
Email: james@k4soils.com
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Checked and Approved
Initials: J.P
Date: 15/02/2017

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5-R3

APPENDIX F

Soil Contamination Assessment Criteria, Methodology and Statistical Results

Opus Methodology for the Screening of Soils in Terms of the Risk to Human Health

Legislative Background

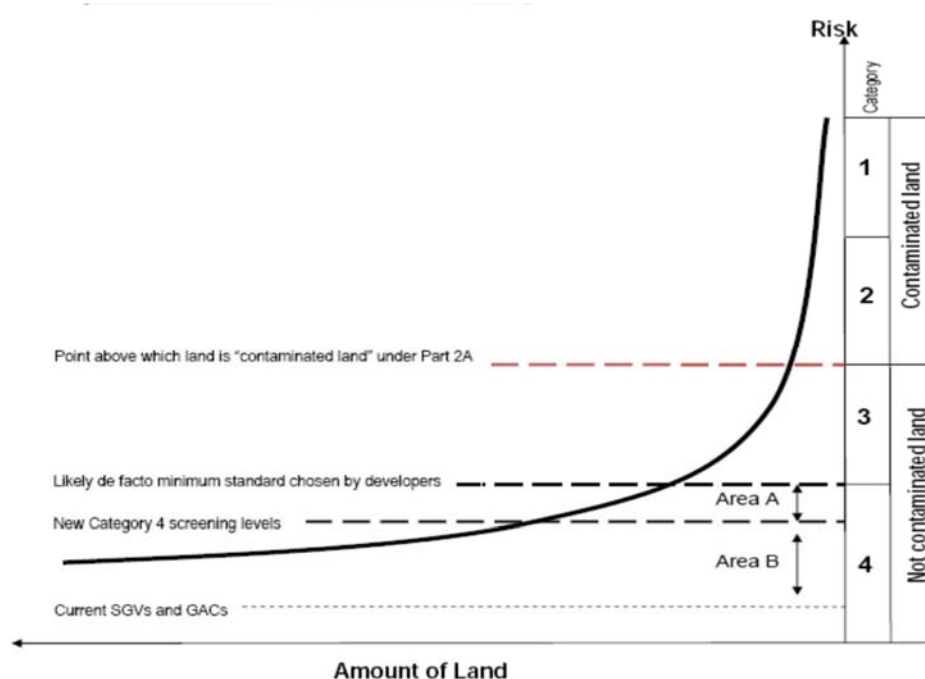
The legislative framework for the regulation of contaminated land is contained in Part 2A of the Environmental Protection Act 1990, which was implemented in the Contaminated Land (England) Regulations 2000 (and subsequent amendments). This legislation allows for the identification and remediation of land where contamination is causing unacceptable risks to human health or the wider environment. The basis of the UK contaminated land policy is the 'Suitable for Use' approach, which states that land should be suitable for its current use and made suitable for any new use as official permission (through the planning process) is given for that use.

Under Part 2A of the Environmental Protection Act 1990, contaminated land is defined as land where 'significant harm' is being caused or there is a 'significant possibility of such harm' being caused or where 'significant pollution of controlled waters' is being caused, or there is a 'significant possibility of such pollution' being caused. For contaminated land to occur under Part 2A, a **contaminant linkage** must exist i.e. there must be a **contaminant**, a relevant **receptor** and a plausible **migration pathway** by which the contaminant can impact the receptor.

In 2012, the Part 2A Statutory Guidance was revised and this introduced four categories of land to assist in defining risk to human health from contaminated land. With respect to contaminants that pose a risk to human health, statutory contaminated land comprises Category 1 (where significant harm is being caused) and Category 2 (where significant possibility of such harm (SPOSH) is being caused). Category 3 is land not capable of being determined as SPOSH and Category 4 is uncontaminated.

Under the National Planning Policy Framework (NPPF) introduced in England in 2012, land should be suitable for its new use taking the effects of ground contamination into consideration. To this end, adequate site investigation should be undertaken and prepared by competent persons. After remediation, as a minimum, land should be incapable of being determined as Part 2A contaminated land. Where a site is affected by contamination, responsibility for securing safe development rests with the developer and/or landowner.

The Defra impact assessment report accompanying the revised Part 2A Statutory Guidance indicated that most developers will want to ensure that under the planning regime their land is safely within Category 4 and this is the approach adopted by Opus in the preparation of this report (see below):



Published Human Health Generic Assessment Criteria

To assist with the implementation of Part 2A and contamination assessments under the planning process, Defra commissioned a research project to derive new Category 4 Screening Levels (C4SLs). In 2014, Defra published C4SLs for arsenic, benzene, benzo(a)pyrene, cadmium, chromium VI and lead for six categories of land use, namely:

- Residential with home-grown produce;
- Residential without home-grown produce;
- Allotments;
- Commercial;
- Public open space 1 (public land near residential properties i.e. grassed area outside residential housing); and
- Public open space 2 (public land away from residential properties i.e. public parks).

The C4SLs differ from the earlier Soil Guideline Values (SGVs) in that they are considered by Defra to be more pragmatic (albeit still strongly precautionary) and indicate the concentration of a contaminant in soil that would potentially pose a '*low risk*' to human health, whereas the SGVs are considered indicative of '*minimal risk*'.

In 2015, Land Quality Management (LQM) and the Chartered Institute of Environmental Health (CIEH) published additional generic assessment criteria (GAC), referred to as Suitable 4 Use Values (S4ULs). These S4ULs replaced the earlier LQM/CIEH human health GAC (2nd Edition) that were published in 2009.

The C4SLs and S4ULs both utilise updated exposure parameters from those used in version 1.06 of the Environment Agency's Contaminated Land Exposure Assessment (CLEA) model. CLEA version 1.06 was also used to derive the following other human health GAC:

- Environment Agency SGVs (*either withdrawn or superseded by the C4SLs and S4ULs*);
- EIC/AGS/CL:AIRE publication 'Soil Generic Assessment Criteria for Human Health Risk Assessment', dated January 2010; and
- Atkins ATRISK^{soil} Soil Screening Values dated January 2015.

Whilst the C4SLs and S4ULs both use updated exposure parameters, they differ in that C4SLs have utilised Low Levels of Toxicological Concern (LLTC) in their derivation, whereas S4ULs use Health Criteria Values (HCVs). As a consequence of using LLTC the C4SLs are indicative of a '*low risk*' to human health, whereas the S4ULs, SGVs, EIC/AGS/CL:AIRE and Atkins ATRISK^{soil} GAC (which use HCVs), are all considered indicative of '*minimal risk*' to human health.

With respect to the consumption of home produce grown in contaminated soil, the C4SLs have adopted the 90th percentile consumption rates for the 'top two' produce types, but mean consumption rates for the remaining four produce types, in contrast with the S4ULs, SGVs, EIC/AGS/CL:AIRE and Atkins ATRISK^{soil} approach, which applies the 90th percentile consumption rates to all produce types.

Despite the differences in approach (e.g. *low risk* / *minimal risk* and produce consumption rates), all the above referenced GAC lie comfortably within Category 4 of the Part 2A Statutory Guidance, indicating that for the contaminant of concern, the land is uncontaminated and incapable of being determined under Part 2A.

Opus Tier 1 Soil Screening Values

The Tier 1 human health risk assessment methodology employed by Opus in this report is as follows:

Firstly, reference has been made to the published C4SLs. However, for compounds where there are no C4SLs available, reference has also been made to following other published GAC in the following descending order of preference:

- LQM/CIEH S4ULs for Human Health Risk Assessment dated 2015 [*Copyright Land Quality Management Limited reproduced with permission; Publication No. S4UL3028. All rights reserved*];
- EIC/AGS/CL:AIRE GAC; and
- Atkins ATRISK^{soil} Soil Screening Values.

Utilising the above referenced sources, Opus has compiled a database of published human health GAC, referred to as Opus Tier 1 Soil Screening Values (SSVs) and is currently using Version 2016.1 dated 21 November 2016. This database comprises GAC for 131 individual contaminants, of which 19 are inorganic and 112 organic substances.

Using Version 1.071 of the CLEA model, Opus has replicated the published GAC for organic contaminants at 1.0%, 2.5% and 6% soil organic matter (SOM) contents. In order to assess natural soils which can have a much lower SOM content than 1%, Opus has also derived Tier 1 SSVs at 0.25% SOM content for selected commonly occurring contaminants, so as to provide a sufficiently conservative output.

These GAC relate solely to the protection of human health from chronic exposure to contaminants in soil. The risks to other receptors (e.g. controlled waters, ecology and property) needs to be considered separately.

The GAC are based on a sandy loam soil type, except the ATRISK^{soil} values at 1% SOM which are based on a sand soil type (as defined in Environment Agency Science Report SC050021/SR3 dated 2009). For all substances it has been assumed that 100% of the intake would reach the systemic circulation (i.e. is 100% bioavailable).

The GAC for organic contaminants assume that non-aqueous phase liquid (NAPL) / free phase contamination is not present. Where the GAC exceeds the aqueous solubility or the saturated vapour concentration, the lower of these saturation limits is also presented in brackets. The soil saturation concentration is the theoretical concentration at which soil vapour and/or pore water have become fully saturated. This can indicate that NAPL is likely to be present. However, for contaminants that are strongly sorbed to soils (i.e. have high K_{oc}) and that have a low aqueous solubility and vapour pressure, exceedance of the soil saturation concentration does not necessarily imply that NAPL is present. The presence of NAPL therefore needs to be considered qualitatively before applying these GAC.

In addition, the Tier 1 SSVs do not consider the additive or synergistic effects of any compounds.

Depending upon the conceptual site model for a given piece of land, exceedance of an Opus Tier 1 SSV may indicate that a **potential contaminant linkage** exists. In such circumstance this would indicate a requirement for further assessment, such as supplementary investigation and/or detailed quantitative risk assessment (DQRA). In the absence of further assessment, a **significant contaminant linkage** may be deemed to exist requiring remediation of the contamination on human health protection grounds.

Human Health Generic Screening Assessment

Client	Triangle Property Developments Ltd
Project Ref	E-E1663.00
Site Name	Brookfield, Providence Hill
Contaminants	Metals/PAH/TPH/BTEX
End Use Scenario	Residential With Homegrown Produce
Date	22.02.2017
Assessed	CGJ
Checked/Approved	CDS



Project Name:	Brookfield, Providence Hill
Project Reference:	E-E1663.00

Metals Screening Suite - Human Health Residential Without Homegrown Produce	TP / BH No	SP1	SP2	SP3	SP4	TP1	TP2	TP2	TP2	TP2	TP3	TP4	TP4
	Additional Refs												
	Depth (m)	0.10	0.10	0.10	0.10	0.20	0.10	0.80	0.10	0.80	0.10	0.10	1.30

Determinand	Screening Value	Source	Units											
Arsenic	37	C4SL	mg/kg	4	62	6		8	6				10	6
Boron (water-soluble)	290	S4UL	mg/kg	<1.0	1	<1.0		<1.0	<1.0				<1.0	<1.0
Cadmium	22	C4SL	mg/kg	<1.0	3	1		<1.0	<1.0				<1.0	<1.0
Chromium	910	S4UL	mg/kg	11	54	19		14	13				19	12
Copper	2,400	S4UL	mg/kg	33	280	130		15	9				24	18
Cyanide (free)	34	ATRISKsoil	mg/kg	<1.0	<1.0	<2.0		<1.0	<1.0				<1.0	<1.0
Lead	200	C4SL	mg/kg	27	240	59		81	50				83	73
Inorganic Mercury	40	S4UL	mg/kg	<1.0	<1.0	1		<1.0	<1.0				<1.0	<1.0
Nickel	130	S4UL	mg/kg	8	16	16		6	6				9	6
Selenium	250	S4UL	mg/kg	<3.0	<3.0	<3.0		<3.0	<3.0				<3.0	<3.0
Sulphate			mg/kg	0.01	0.16	0.04		0.03	<0.01	<0.01			<0.01	<0.01
Zinc	3,700	S4UL	mg/kg	160	2600	270		29	45				170	55
pH			mg/kg	8.8	8.4	8.1		4.8	5.7	6			6.7	5.7

Highlighted concentrations have exceeded their generic screening value

TP5	TP5	TP6	TP6	WS1	WS1	WS1	WS1	WS2	WS2	WS2	WS3	WS3	WS3	WS3	WS3	WS4	WS4	WS4	WS5	WS5
0.10	0.40	0.10	1.4	0.1	1.6	0.1	0.5	0.075	0.45	0.075	0.25	0.85	1.85	0.25	0.85	0.2	0.5	1.75	0.15	0.6

9	8	8		7				7			9	12				7	12		7	
<1.0	<1.0	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	<1.0		<1.0	
2	<1.0	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	<1.0		<1.0	
21	22	18		15				17			16	31				14	30		15	
60	11	17		16				12			21	11				7	15		12	
<1.0	<1.0	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	<1.0		<1.0	
120	33	85		85				49			61	20				38	14		52	
<1.0	<1.0	<1.0		1				2			1	1				<1.0	<1.0		<1.0	
8	9	7		7				8			7	15				7	7		6	
<3.0	<3.0	<3.0		<3.0				<3.0			<3.0	<3.0				<3.0	<3.0		<3.0	
<0.01	<0.01	<0.01	0.04	<0.01	0.02			<0.01			0.03	0.03	0.03			<0.01	0.02	0.04	<0.01	
510	61	41		120				40			29	41				36	39		39	
7.5	7	5.3	4.7	6.3	5.5			5.8			4.2	4.9	4.6			6	5.4	4.6	5.8	

WS5	WS6	WS6	WS6	WS6	WS7	WS7
0.15	0.1	0.45	0.1	0.45	0.1	0.1

	7	8			7	
	<1.0	<1.0			<1.0	
	<1.0	<1.0			<1.0	
	14	23			15	
	11	7			18	
	<1.0	<1.0			<1.0	
	45	13			52	
	<1.0	<1.0			<1.0	
	6	11			7	
	<3.0	<3.0			<3.0	
	<0.01	<0.01			<0.01	
	46	35			120	
	5.7	6			6.2	

Project Name:	Brookfield, Providence Hill
Project Reference:	E-E1663.00

PAH Screening Suite - Human Health Residential Without Homegrown Produce SOM 2.5%	TP / BH No	SP1	SP2	SP3	SP4	TP1	TP2	TP2	TP2	TP2	TP3	TP4	TP4
	Additional Refs												
	Depth (m)	0.1	0.1	0.1	0.1	0.2	0.1	0.8	0.1	0.8	0.1	0.1	1.3

Determinand	Screening Value	Source	Units											
Acenaphthene	420	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Acenaphthylene	4600	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Anthracene	5400	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Benzo(a)Anthracene	11	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Benzo(a)Pyrene	2.7	C4SL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	0.1
Benzo(b)fluoranthene	3.3	S4UL	mg/kg	<1.0	<1.0	<1.0		0.1	<0.1				<0.1	0.1
Benzo(ghi)Perylene	340	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Benzo(k)fluoranthene	93	S4UL	mg/kg	<1.0	<1.0	<1.0		0.1	<0.1				<0.1	0.1
Chrysene	22	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	0.1
Dibenzo(ah)Anthracene	0.28	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Fluoranthene	560	S4UL	mg/kg	<1.0	<1.0	<1.0		0.1	<0.1				<0.1	0.2
Fluorene	400	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Indeno(123-cd)Pyrene	36.0	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Naphthalene	5.6	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Phenanthrene	220	S4UL	mg/kg	<1.0	<1.0	<1.0		<0.1	<0.1				<0.1	<0.1
Pyrene	1200	S4UL	mg/kg	<1.0	<1.0	<1.0		0.1	<0.1				<0.1	0.2
Phenol	200	S4UL	mg/kg	<1.0	<1.0	<1.0		<1.0	<1.0				<1.0	<1.0

Highlighted concentrations have exceeded their generic screening value

TP5	TP5	TP6	TP6	WS1	WS1	WS1	WS1	WS2	WS2	WS2	WS3	WS3	WS3	WS3	WS3	WS4	WS4	WS4	WS5	WS5
0.1	0.4	0.1	1.4	0.1	1.6	0.1	0.5	0.075	0.45	0.075	0.25	0.85	1.85	0.25	0.85	0.2	0.5	1.75	0.15	0.6

<1.0	<0.1	<0.1		<0.1				<0.1			<0.1	<0.1				<0.1	<0.1		<0.1	
<1.0	<0.1	<0.1		<0.1				<0.1			<0.1	<0.1				<0.1	<0.1		<0.1	
<1.0	<0.1	<0.1		<0.1				<0.1			<0.1	<0.1				<0.1	<0.1		<0.1	
<1.0	<0.1	<0.1		0.2				<0.1			<0.1	<0.1				<0.1	<0.1		0.2	
<1.0	<0.1	<0.1		0.3				<0.1			<0.1	<0.1				<0.1	<0.1		0.2	
<1.0	<0.1	<0.1		0.5				<0.1			0.1	<0.1				<0.1	<0.1		0.3	
<1.0	<0.1	<0.1		0.2				<0.1			<0.1	<0.1				<0.1	<0.1		0.2	
<1.0	<0.1	<0.1		0.3				<0.1			<0.1	<0.1				<0.1	<0.1		0.1	
<1.0	<0.1	<0.1		0.6				<0.1			<0.1	<0.1				<0.1	<0.1		0.3	
<1.0	<0.1	<0.1		<0.1				<0.1			<0.1	<0.1				<0.1	<0.1		<0.1	
<1.0	<0.1	0.1		1				0.2			0.2	<0.1				0.1	<0.1		0.5	
<1.0	<0.1	<0.1		<0.1				<0.1			<0.1	<0.1				<0.1	<0.1		<0.1	
<1.0	<0.1	<0.1		0.2				<0.1			<0.1	<0.1				<0.1	<0.1		0.1	
<1.0	<0.1	<0.1		<0.1				<0.1			<0.1	<0.1				<0.1	<0.1		<0.1	
<1.0	<0.1	<0.1		0.8				<0.1			<0.1	<0.1				<0.1	<0.1		0.2	
<1.0	<0.1	0.1		0.6				0.1			0.2	<0.1				0.1	<0.1		0.5	
<1.0	<1.0	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	<1.0		<1.0	

WS5	WS6	WS6	WS6	WS6	WS7	WS7
0.15	0.1	0.45	0.1	0.45	0.1	0.1

	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<0.1	<0.1			<0.1	
	<1.0	<1.0			<1.0	

Project Name:	Brookfield, Providence Hill
Project Reference:	E-E1663.00

TPH Screening Suite - Human Health Residential Without Homegrown Produce 2.5% SOM	TP / BH No	SP1	SP2	SP3	SP4	TP1	TP2	TP2	TP2	TP2	TP3	TP4
	Additional Refs											
	Depth (m)	0.1	0.1	0.1	0.1	0.2	0.1	0.8	0.1	0.8	0.1	0.1

Determinand	Screening Value	Source	Units										
Aliphatic >C5 - C6	78	S4UL	mg/kg				<100.0						
Aliphatic >C6 - C8	230	S4UL	mg/kg				<100.0						
Aliphatic >C8 - C10	65	S4UL	mg/kg				<100.0						
Aliphatic >C10 - C12	330	S4UL	mg/kg				<1.0						
Aliphatic >C12 - C16	2400	S4UL	mg/kg				<1.0						
Aliphatic >C16 - C21	92000	S4UL	mg/kg				<1.0						
Aliphatic >C21 - C34	92000	S4UL	mg/kg				27						
TPH (C6-C7 aromatic)	0.5	C4SL Benzene	mg/kg				<100.0						
Aromatic >C7 - C8	290	S4UL Toluene	mg/kg				<100.0						
Aromatic >C8 - C10	83	S4UL	mg/kg				<100.0						
Aromatic >C10 - C12	180	S4UL	mg/kg				<2.0						
Aromatic >C12 - C16	330	S4UL	mg/kg				<1.0						
Aromatic >C16 - C21	540	S4UL	mg/kg				7						
Aromatic >C21 - C35	1500	S4UL	mg/kg				9						

Highlighted concentrations have exceeded their generic screening value

Client/client ref	Triangle Property Developments Ltd	
Project ref	E-E1663.00	
Site ref	Brookfield, Providence Hill	
Data description	Made Ground	
Contaminant(s)	Arsenic and Lead	
Test scenario	Planning: is true mean lower than critical concentration ($\mu < C_c$)?	▼
Date	25.05.17	
User details	Opus International Consultants (UK) Ltd	

Statistics calculator (version 1)



Input data

This spreadsheet has been produced based on the document 'Guidance on Comparing Soil Contamination Data with a Critical Concentration (CIEH/CL:AIRE, 2008)'. Users of this spreadsheet should always refer to this guidance, the User Manual and to relevant guidance on UK legislation and policy, in order to understand how the procedure should be applied in an appropriate context.

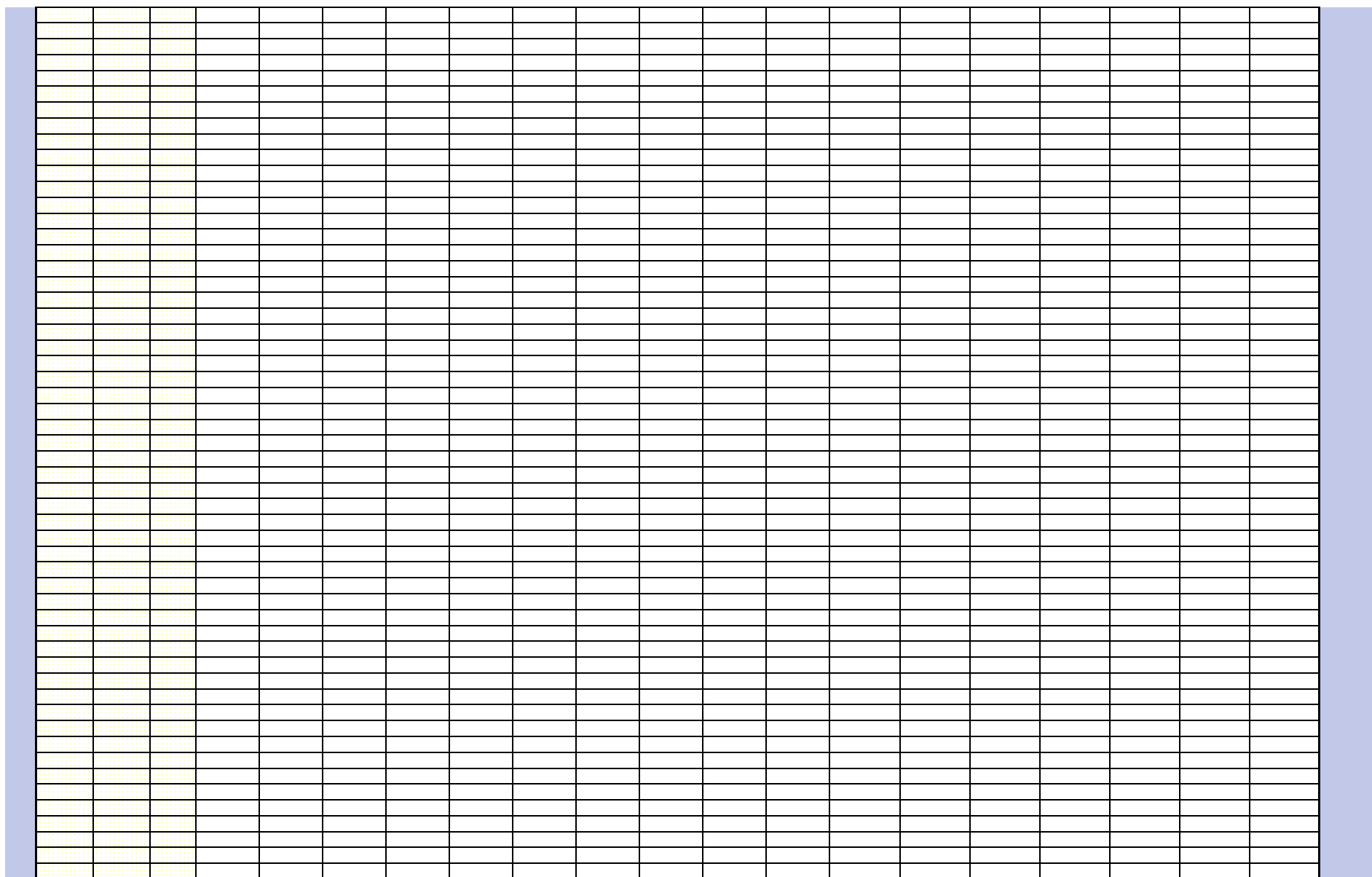
ESI Ltd (ESI) do not promise that the spreadsheet will provide any particular facilities or functions. The user must ensure that the spreadsheet meets their needs and they remain solely responsible for the competent use of the spreadsheet. Users are entirely responsible for the consequences of any use of the spreadsheet, ESI do not provide any warranty about the fitness for purpose or performance of any part of the spreadsheet. We do not promise that the media will always be free from defects, computer viruses, software locks or other similar code or that the operation of the spreadsheet will be uninterrupted or error free. The user should carry out all necessary virus checks prior to installing on their computing system.

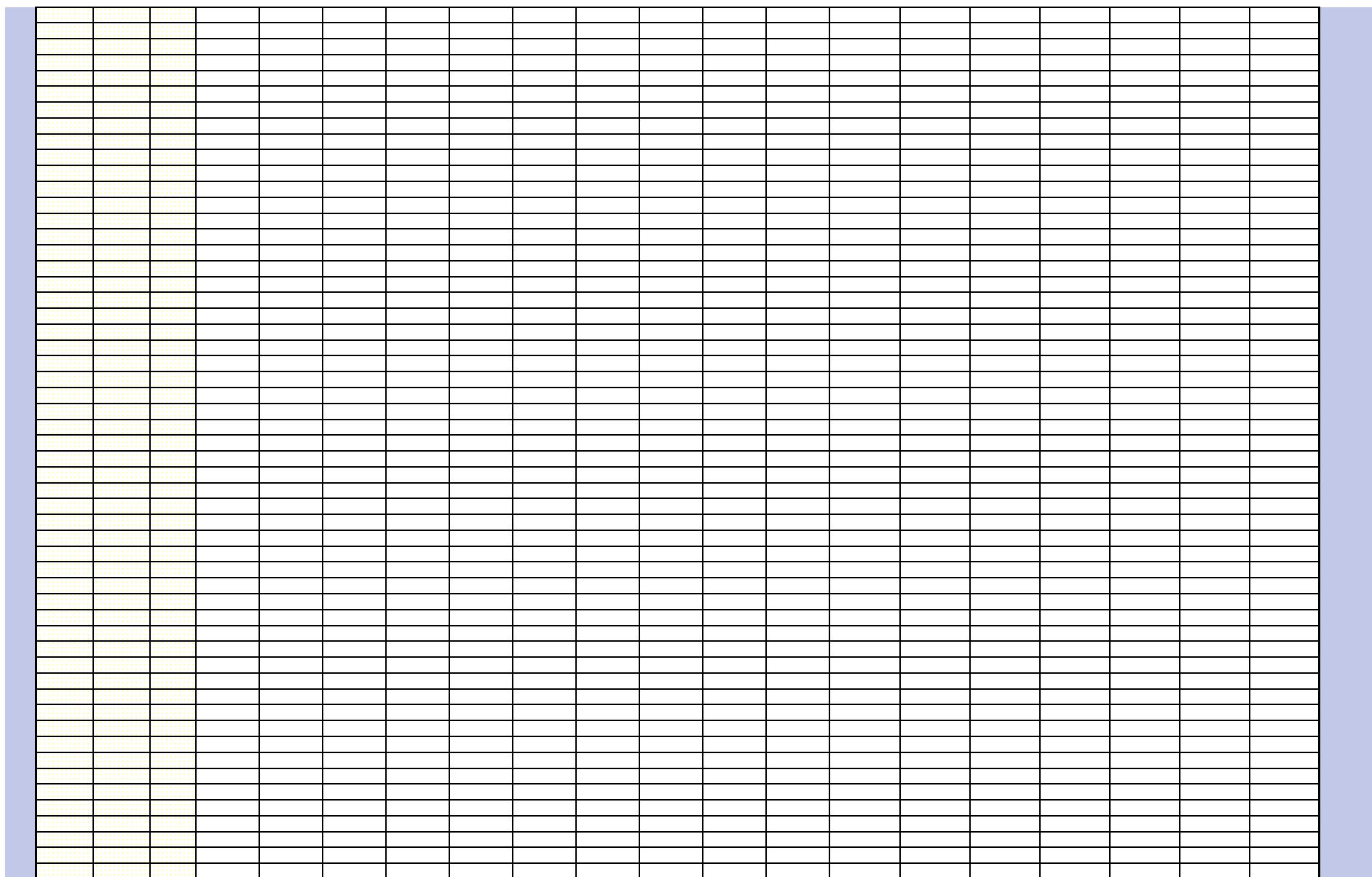
[Go to summary](#)

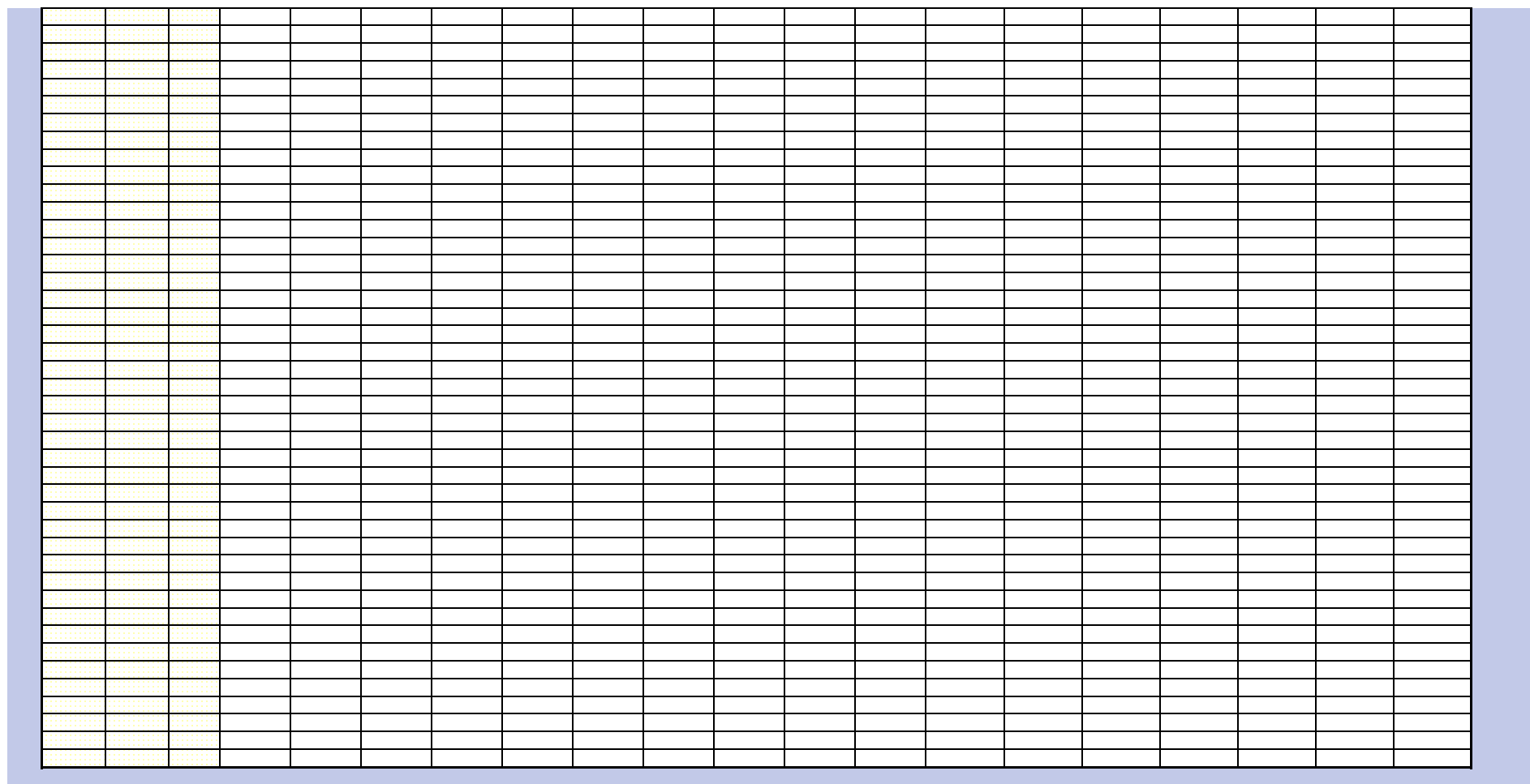
Data sheet

Project details

[illegible]







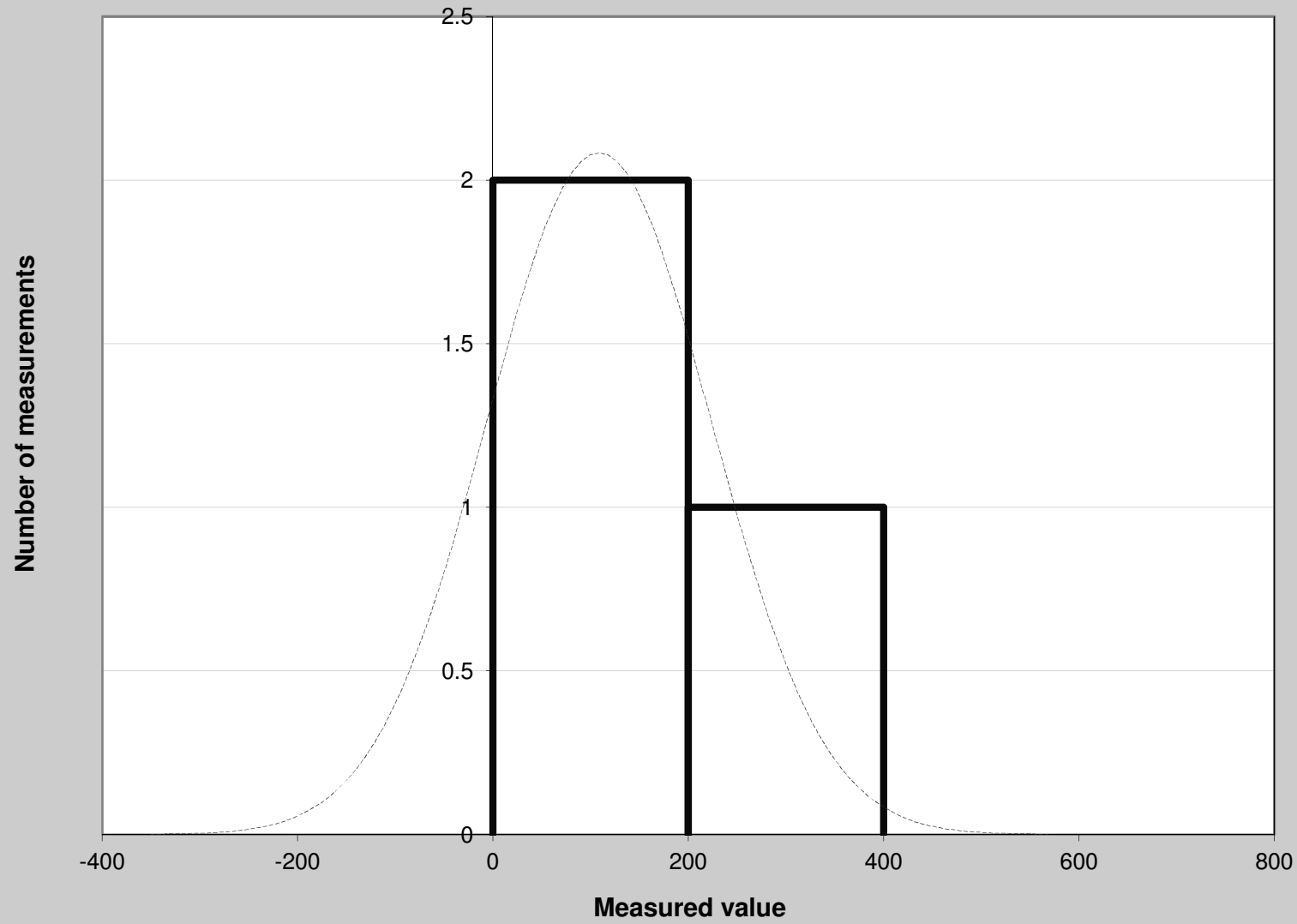
Client/client ref: Triangle Property
Developments Ltd
Project ref: E-E1663.00
Site ref: Brookfield, Providence Hill
Data description: Made Ground
Contaminant(s): Arsenic and Lead
Test scenario: Planning
Date: 25.05.17
User details: Open International Consultants

Critical concentration, C_c	Arsenic	Lead								
	37	200								
	Notes									
	Sample size, n	3	3	0	0	0	0	0	0	0
	Sample mean, $\bar{x}$	24	108.666667	No Data	No Data	No Data	No Data	No Data	No Data	No Data
	Standard deviation, s	32.9241553	114.857883							
	Number of non-detects	0	0							
	Set non-detect values to:	Half detection limit	Half detection limit	Half detection limit	Half detection limit	Half detection limit	Half detection limit	Half detection limit	Half detection limit	Half detection limit
	Outliers?	Yes	No							
	Distribution	Normal	Normal							
	Statistical approach	Auto: One-sample t-	Auto: One-sample t-	Auto	Auto	Auto	Auto	Auto	Auto	Auto

Test scenario:	Planning: is true mean lower than critical concentration ($\mu < C_c$)?				Evidence level required:	95%	Use Normal distribution to test for outliers			
t statistic, t_0 (or k_0)	-0.683894858	-1.377301839								
Upper confidence limit (on true mean concentration, μ)	79.505334	302.300341								
Evidence level	72%	85%								
Base decision on:	evidence level	evidence level								
Result	$\mu \approx \geq C_c$	$\mu \approx \geq C_c$								
Select dataset	☐ Y	☒ Y	☐ Y	☐ Y	☐ Y	☐ Y	☐ Y	☐ Y	☐ Y	☐ Y

Back to data	Go to outlier test	Go to normality test	Show individual summary
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Histogram



— Histogram

- - - Normal distribution

Lead ▼

Use Normal distribution to test for outliers ▼

Back

Test Results

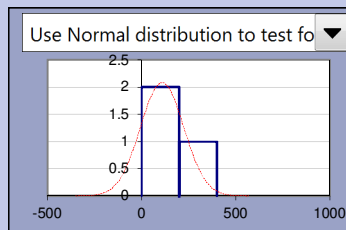
Client/client ref: Triangle Proper
Project ref: E-E1663.00

Site ref: Brookfield, Providence Hill
Data description: Made Ground

Date: 25.05.17

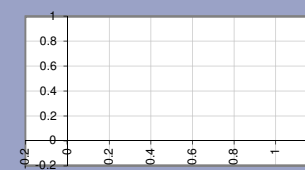
User details: Opus International Consultants (UK) L

Dataset:	Lead ▼
Sample mean, $\bar{x}$	108.67
Sample standard deviation, s	114.86
Sample size, n	3
Critical concentration, Cc	200



Outliers & non-detects

Outliers present?	NO
Significance level	5% ▼
Outliers removed?	0
Non-detects	0

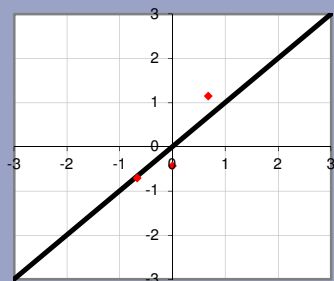


Normality test

Significance level: 5% ▼

Normal distribution

Use: Auto: One-sample t-test ▼

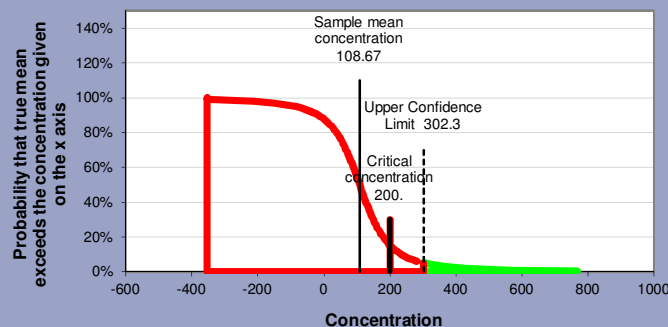


Test scenario:

Planning: is true mean lower than critical concentration ($\mu < C_c$)? ▼

Null hypothesis: The true mean concentration is equal to or greater than the critical concentration: $\mu \geq C_c$

Alternative hypothesis: The true mean concentration is less than the critical concentration: $\mu < C_c$



Evidence against Null hypothesis:

85%

Base decision on: evidence level ▼

Evidence level required: 95%

Balance of probability? N/A

Reject Null Hypothesis? No

Not enough evidence

Back to data

Back to summary

Go to outlier test

Go to normality test

APPENDIX G

Ground Gas and Groundwater Monitoring Data

GROUND GAS MONITORING RESULTS



Site: Brookfield, Providence Hill

Client: Triangle Property

Project: E-E1663.00

Date: 26.04.2017

DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄ Final	CH ₄ Peak	CO ₂ Final	CO ₂ peak	O ₂ Final	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS1	0.00	990.00	0.00	0.10	0.10	0.80	1.00	19.00	18.60	2.00	0.00	0.00	0.06	1.00	0.38	
14.02.2017	WS1	0.00	1015.00	0.00	0.00	0.00	0.70	1.50	20.60	20.40	0.00	0.00	0.00	0.01	1.00	1.35	
17.03.2017	WS1	0.00	1014.00	0.00	0.00	0.00	2.00	2.30	19.70	19.50	0.00	0.00	0.00	0.01	1.00	1.21	
31.03.2017	WS1	0.00	1004.00	0.00	0.00	0.00	0.80	1.90	20.30	19.90	0.00	0.00	0.00	0.00	1.00	1.45	
26.04.2017	WS1	0.00	1009.00	0.00	0.00	0.00	0.90	0.90	18.90	18.90	0.00	0.00	0.00	0.02	1.00	1.61	
10.05.2017	WS1	0.00	1002.00	0.00	0.00	0.00	0.00	0.00	19.30	19.10	0.00	0.00	0.00	0.02	1.00	2.23	
DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄	CH ₄ Peak	CO ₂	CO ₂ peak	O ₂	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS2	0.00	990.00	0.00	0.00	0.00	6.40	6.50	5.70	5.60	1.80	0.00	0.00	0.05	1.00	1.42	
14.02.2017	WS2	0.00	1014.00	0.00	0.00	0.00	7.80	8.20	5.00	4.80	0.00	0.00	0.00	0.00	1.00	2.27	
17.03.2017	WS2	0.00	1013.00	0.00	0.00	0.00	4.20	4.20	11.60	11.60	0.00	0.00	0.00	0.01	1.00	2.17	
31.03.2017	WS2	0.00	1003.00	0.00	0.00	0.00	9.50	9.60	1.60	1.60	0.00	0.00	0.00	0.00	1.00	1.87	
26.04.2017	WS2	0.00	1009.00	0.00	0.00	0.00	11.30	11.30	2.60	2.60	0.00	0.00	0.00	0.01	1.00	2.83	
10.05.2017	WS2	0.00	0.00	0.00	0.00	0.00	7.40	7.40	12.20	12.20	0.00	0.00	0.00	0.01	1.00	3.08	
DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄	CH ₄ Peak	CO ₂	CO ₂ peak	O ₂	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS3	0.00	990.00	0.00	0.00	0.00	0.10	0.40	20.00	19.90	1.20	0.00	0.00	0.06	1.00	0.20	
14.02.2017	WS3	0.00	1013.00	0.00	0.00	0.00	0.70	1.60	20.50	19.70	0.00	0.00	0.00	0.01	1.00	0.48	
17.03.2017	WS3	0.00	1013.00	0.00	0.00	0.00	0.10	0.30	20.60	20.50	0.00	0.00	0.00	0.01	1.00	0.45	
31.03.2017	WS3	0.00	1003.00	0.00	0.00	0.00	0.20	0.50	20.30	19.40	0.00	0.00	0.00	0.00	1.00	0.70	
26.04.2017	WS3	0.00	1009.00	0.00	0.00	0.00	0.40	0.40	19.80	19.80	0.00	0.00	0.00	0.02	1.00	0.68	
10.05.2017	WS3	0.00	1000.00	0.00	0.00	0.00	0.20	0.60	20.70	20.60	0.00	0.00	0.00	0.01	1.00	1.30	
DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄	CH ₄ Peak	CO ₂	CO ₂ peak	O ₂	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS4	0.00	989.00	0.00	0.00	0.10	0.30	0.50	20.00	17.80	1.80	0.00	0.00	0.05	1.00	0.53	
14.02.2017	WS4	0.00	1014.00	0.00	0.00	0.00	0.20	0.20	20.70	17.40	0.00	0.00	0.00	0.01	1.00	0.70	
17.03.2017	WS4	0.00	1013.00	0.00	0.00	0.00	0.10	0.30	20.60	18.40	0.00	0.00	0.00	0.01	1.00	0.75	
31.03.2017	WS4	0.00	1003.00	0.00	0.00	0.00	0.20	0.20	20.70	18.40	0.00	0.00	0.00	0.01	1.00	0.84	
26.04.2017	WS4	0.00	1009.00	0.00	0.00	0.00	1.70	1.90	18.80	17.60	0.00	0.00	0.00	0.01	1.00	0.92	
10.05.2017	WS4	0.00	1001.00	0.00	0.00	0.00	1.00	1.00	20.10	17.60	0.00	0.00	0.00	0.01	1.00	1.34	
DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄	CH ₄ Peak	CO ₂	CO ₂ peak	O ₂	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS5	0.00	990.00	0.00	0.00	0.10	0.60	1.20	19.40	17.80	1.50	0.00	0.00	0.05	1.00	0.95	
14.02.2017	WS5	0.00	1014.00	0.00	0.00	0.00	2.80	2.80	17.40	17.40	0.00	0.00	0.00	0.01	1.00	1.37	
17.03.2017	WS5	0.00	1013.00	0.00	0.00	0.00	0.80	2.40	19.80	18.40	0.00	0.00	0.00	0.01	1.00	1.24	
31.03.2017	WS5	0.00	1004.00	0.00	0.00	0.00	0.80	2.80	20.00	18.40	0.00	0.00	0.00	0.01	1.00	1.32	
26.04.2017	WS5	0.00	1009.00	0.00	0.00	0.00	1.60	1.70	17.60	17.60	0.00	0.00	0.00	0.02	1.00	1.43	
10.05.2017	WS5	0.00	1002.00	0.00	0.00	0.00	4.20	4.20	17.60	17.60	0.00	0.00	0.00	0.00	1.00	1.69	

GROUND GAS MONITORING RESULTS



Site: Brookfield, Providence Hill

Client: Triangle Property

Project: E-E1663.00

Date: 26.04.2017

DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄	CH ₄ Peak	CO ₂	CO ₂ peak	O ₂	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS6	0.00	989.00	0.00	0.00	0.00	0.50	0.80	17.50	15.50	1.20	0.00	0.00	0.06	1.00	1.07	
14.02.2017	WS6	0.00	1015.00	0.00	0.00	0.00	1.40	1.70	18.70	18.20	0.00	0.00	0.00	0.02	1.00	3.50	
17.03.2017	WS6	0.00	1013.00	0.00	0.00	0.00	1.90	2.20	20.20	20.10	0.00	0.00	0.00	0.01	1.00	3.33	
31.03.2017	WS6	0.00	1003.00	0.00	0.00	0.00	1.70	1.80	18.30	18.20	0.00	0.00	0.00	0.01	1.00	3.36	
26.04.2017	WS6	0.00	1009.00	0.00	0.00	0.00	2.30	2.40	18.70	18.70	0.00	0.00	0.00	0.01	1.00	NW	
10.05.2017	WS6	0.00	1002.00	0.00	0.00	0.00	1.80	1.90	19.70	19.60	0.00	0.00	0.00	0.00	1.00	3.77	
DATE	Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	CH ₄	CH ₄ Peak	CO ₂	CO ₂ peak	O ₂	O ₂ min	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
03.02.2017	WS7	0.00	989.00	0.00	0.00	0.00	1.20	1.20	9.60	9.60	0.70	0.00	0.00	0.05	1.00	1.10	
14.02.2017	WS7	0.00	1015.00	0.00	0.00	0.00	1.60	1.70	18.60	18.60	0.00	0.00	0.00	0.02	1.00	1.77	
17.03.2017	WS7	0.00	1013.00	0.00	0.00	0.00	0.70	0.80	20.20	20.10	0.00	0.00	0.00	0.01	1.00	1.65	
31.03.2017	WS7	0.00	1003.00	0.00	0.00	0.00	0.40	0.60	20.30	20.00	0.00	0.00	0.00	0.01	1.00	1.89	
26.04.2017	WS7	0.00	1009.00	0.00	0.00	0.00	1.20	1.50	18.50	18.00	0.00	0.00	0.00	0.01	1.00	1.99	
10.05.2017	WS7	0.00	999.00	0.00	0.00	0.00	3.20	3.20	19.20	19.20	0.00	0.00	0.00	0.00	1.00	2.67	

GROUND GAS MONITORING RESULTS



Site:	Brookfield, Providence Hill	Client:	Triangle Property Developments Ltd
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Operator: CGJ

Project: E-E1663.00

Date: 03.02.2017

Weather Rain

Atmos	Ave Flow Rate	Atmos. Pressure	Differential Pressure	-	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
Start	0.00	990	0.0	-	0.0	0.1	20.8	0.0	0.0	0.0	0.057	1.0	-	
End	0.00	989	0.0	-	0.0	0.1	20.8	0.0	0.0	0.0	0.053	1.0	-	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS1	0.00	990	0.0	15	0.1	1.0	18.6	2.5	0.0	0.0				
				30	0.1	1.0	18.7	2.3	0.0	0.0				
				45	0.1	0.9	18.8	2.0	0.0	0.0				
				60	0.1	0.8	18.9	2.0	0.0	0.0				
				75	0.1	0.8	19.0	2.0	0.0	0.0				
				90	0.1	0.8	19.0	2.0	0.0	0.0				
				105	0.1	0.8	19.0	2.0	0.0	0.0				
				120	0.1	0.8	19.0	2.0	0.0	0.0	0.055	1.0	0.376	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS2	0.00	990	0.0	15	0.0	5.5	7.2	2.0	0.0	0.0				
				30	0.0	5.9	6.3	1.8	0.0	0.0				
				45	0.0	6.2	5.8	1.5	0.0	0.0				
				60	0.0	6.5	5.6	1.2	0.0	0.0				
				75	0.0	6.4	5.6	1.2	0.0	0.0				
				90	0.0	6.3	5.7	1.5	0.0	0.0				
				105	0.0	6.4	5.7	1.8	0.0	0.0				
				120	0.0	6.4	5.7	1.8	0.0	0.0	0.054	1.0	1.424	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS3	0.00	990	0.0	15	0.0	0.4	19.9	1.2	0.0	0.0				
				30	0.0	0.4	19.9	1.2	0.0	0.0				
				45	0.0	0.3	19.9	1.2	0.0	0.0				
				60	0.0	0.1	20.0	1.2	0.0	0.0				
				75	0.0	0.1	20.1	1.2	0.0	0.0				
				90	0.0	0.1	20.1	1.2	0.0	0.0				
				105	0.0	0.1	20.1	1.2	0.0	0.0				
				120	0.0	0.1	20.0	1.2	0.0	0.0	0.055	1.0	0.200	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS4	0.00	989	0.0	15	0.1	0.5	19.8	2.3	0.0	0.0				
				30	0.0	0.3	20.0	23.0	0.0	0.0				
				45	0.0	0.3	20.0	2.0	0.0	0.0				
				60	0.0	0.3	20.0	2.0	0.0	0.0				
				75	0.0	0.3	20.0	2.0	0.0	0.0				
				90	0.0	0.3	20.0	1.8	0.0	0.0				
				105	0.0	0.3	20.0	1.8	0.0	0.0				
				120	0.0	0.3	20.0	1.8	0.0	0.0	0.054	1.0	0.529	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS5	0.00	990	0.0	15	0.1	1.2	17.8	2.0	0.0	0.0				
				30	0.1	1.0	18.0	2.0	0.0	0.0				
				45	0.1	0.7	18.6	2.0	0.0	0.0				
				60	0.1	0.6	19.0	2.0	0.0	0.0				
				75	0.1	0.6	19.2	1.8	0.0	0.0				
				90	0.1	0.6	19.4	1.5	0.0	0.0				
				105	0.1	0.6	19.5	1.5	0.0	0.0				
				120	0.0	0.6	19.4	1.5	0.0	0.0	0.054	1.0	0.951	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS6	0.00	989	0.0	15	0.0	0.8	15.5	1.0	0.0	0.0				
				30	0.0	0.6	16.0	1.0	0.0	0.0				
				45	0.0	0.5	16.6	1.0	0.0	0.0				
				60	0.0	0.5	16.9	1.0	0.0	0.0				
				75	0.0	0.5	17.1	1.2	0.0	0.0				
				90	0.0	0.5	17.3	1.2	0.0	0.0				
				105	0.0	0.5	17.5	1.2	0.0	0.0				
				120	0.0	0.5	17.5	1.2	0.0	0.0	0.058	1.0	1.071	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS7	0.00	989	0.0	15	0.0	1.1	10.7	1.5	0.0	0.0				
				30	0.0	1.1	10.5	1.2	0.0	0.0				
				45	0.0	1.2	10.1	1.2	0.0	0.0				
				60	0.0	1.2	9.9	1.2	0.0	0.0				
				75	0.0	1.2	9.8	1.0	0.0	0.0				
				90	0.0	1.2	9.7	0.9	0.0	0.0				
				105	0.0	1.2	9.6	0.7	0.0	0.0				
				120	0.0	1.2	9.6	0.7	0.0	0.0	0.053	1.0	1.101	

GROUND GAS MONITORING RESULTS



Site:	Brookfield, Providence Hill	Client:	Triangle Property Developments Ltd
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Operator: CGJ

Project: E-E1663.00

Date: 14.02.2017

Weather: Overcast

Atmos	Ave Flow Rate	Atmos. Pressure	Differential Pressure	-	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
Start	0.00	1015	0.0	-	0.0	0.1	20.9	0.0	0.0	0.0	0.005	1.0	-	
End	0.00	1013	0.0	-	0.0	0.1	20.8	0.0	0.0	0.0	0.010	1.0	-	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS1	0.00	1015	0.0	15	0.0	1.5	20.4	0.0	0.0	0.0				
				30	0.0	1.3	20.5	0.0	0.0	0.0				
				45	0.0	0.9	20.6	0.0	0.0	0.0				
				60	0.0	0.7	20.6	0.0	0.0	0.0				
				75	0.0	0.7	20.6	0.0	0.0	0.0				
				90	0.0	0.7	20.6	0.0	0.0	0.0				
				105	0.0	0.7	20.6	0.0	0.0	0.0				
				120	0.0	0.7	20.6	0.0	0.0	0.0	0.005	1.0	1.349	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS2	0.00	1014	0.0	15	0.0	8.2	4.9	0.0	0.0	0.0				
				30	0.0	8.2	4.8	0.0	0.0	0.0				
				45	0.0	8.0	5.0	0.0	0.0	0.0				
				60	0.0	7.8	5.1	0.0	0.0	0.0				
				75	0.0	7.8	5.1	0.0	0.0	0.0				
				90	0.0	7.8	5.0	0.0	0.0	0.0				
				105	0.0	7.8	5.0	0.0	0.0	0.0				
				120	0.0	7.8	5.0	0.0	0.0	0.0	0.004	1.0	2.266	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS3	0.00	1013	0.0	15	0.0	1.6	19.7	0.0	0.0	0.0				
				30	0.0	1.0	20.2	0.0	0.0	0.0				
				45	0.0	0.7	20.4	0.0	0.0	0.0				
				60	0.0	0.7	20.5	0.0	0.0	0.0				
				75	0.0	0.7	20.5	0.0	0.0	0.0				
				90	0.0	0.7	20.5	0.0	0.0	0.0				
				105	0.0	0.7	20.5	0.0	0.0	0.0				
				120	0.0	0.7	20.5	0.0	0.0	0.0	0.009	1.0	0.481	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS4	0.00	1014	0.0	15	0.0	0.2	20.7	0.0	0.0	0.0				
				30	0.0	0.2	20.7	0.0	0.0	0.0				
				45	0.0	0.2	20.7	0.0	0.0	0.0				
				60	0.0	0.2	20.7	0.0	0.0	0.0				
				75	0.0	0.2	20.7	0.0	0.0	0.0				
				90	0.0	0.2	20.7	0.0	0.0	0.0				
				105	0.0	0.2	20.7	0.0	0.0	0.0				
				120	0.0	0.2	20.7	0.0	0.0	0.0	0.013	1.0	0.700	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS5	0.00	1014	0.0	15	0.0	2.6	17.7	0.0	0.0	0.0				
				30	0.0	2.6	17.7	0.0	0.0	0.0				
				45	0.0	2.6	17.6	0.0	0.0	0.0				
				60	0.0	2.8	17.5	0.0	0.0	0.0				
				75	0.0	2.8	17.4	0.0	0.0	0.0				
				90	0.0	2.8	17.4	0.0	0.0	0.0				
				105	0.0	2.8	17.4	0.0	0.0	0.0				
				120	0.0	2.8	17.4	0.0	0.0	0.0	0.013	1.0	1.365	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS6	0.00	1015	0.0	15	0.0	1.7	18.2	0.0	0.0	0.0				
				30	0.0	1.5	18.5	0.0	0.0	0.0				
				45	0.0	1.4	18.6	0.0	0.0	0.0				
				60	0.0	1.4	18.7	0.0	0.0	0.0				
				75	0.0	1.4	18.7	0.0	0.0	0.0				
				90	0.0	1.4	18.7	0.0	0.0	0.0				
				105	0.0	1.4	18.7	0.0	0.0	0.0				
				120	0.0	1.4	18.7	0.0	0.0	0.0	0.016	1.0	3.502	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS7	0.00	1015	0.0	15	0.0	1.7	18.6	0.0	0.0	0.0				
				30	0.0	1.6	18.6	0.0	0.0	0.0				
				45	0.0	1.6	18.6	0.0	0.0	0.0				
				60	0.0	1.6	18.6	0.0	0.0	0.0				
				75	0.0	1.6	18.6	0.0	0.0	0.0				
				90	0.0	1.6	18.6	0.0	0.0	0.0				
				105	0.0	1.6	18.6	0.0	0.0	0.0				
				120	0.0	1.6	18.6	0.0	0.0	0.0	0.018	1.0	1.770	

GROUND GAS MONITORING RESULTS



Site:	Brookfield, Providence Hill	Client:	Triangle Property Developments Ltd
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Operator: CGJ

Project: E-E1663.00

Date: 17.03.2017

Weather Overcast

Atmos	Ave Flow Rate	Atmos. Pressure	Differential Pressure	-	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
Start				-										
End				-										

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS1	0.00	1014	0.0	15	0.0	2.3	19.5	0.0	0.0	0.0				
				30	0.0	2.2	19.5	0.0	0.0	0.0				
				45	0.0	2.1	19.6	0.0	0.0	0.0				
				60	0.0	2.0	19.7	0.0	0.0	0.0				
				75	0.0	2.0	119.7	0.0	0.0	0.0				
				90	0.0	2.0	19.7	0.0	0.0	0.0				
				105	0.0	2.0	19.7	0.0	0.0	0.0				
				120	0.0	2.0	19.7	0.0	0.0	0.0	0.012	1.0	1.210	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS2	0.00	1013	0.0	15	0.0	3.6	13.2	0.0	0.0	0.0				
				30	0.0	4.1	12.1	0.0	0.0	0.0				
				45	0.0	4.2	11.8	0.0	0.0	0.0				
				60	0.0	4.2	11.7	0.0	0.0	0.0				
				75	0.0	4.2	11.6	0.0	0.0	0.0				
				90	0.0	4.2	11.6	0.0	0.0	0.0				
				105	0.0	4.2	11.6	0.0	0.0	0.0				
				120	0.0	4.2	11.6	0.0	0.0	0.0	0.010	1.0	2.172	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS3	0.00	1013	0.0	15	0.0	0.3	20.5	0.0	0.0	0.0				
				30	0.0	0.2	20.5	0.0	0.0	0.0				
				45	0.0	0.2	20.5	0.0	0.0	0.0				
				60	0.0	0.2	20.6	0.0	0.0	0.0				
				75	0.0	0.1	20.6	0.0	0.0	0.0				
				90	0.0	0.1	20.6	0.0	0.0	0.0				
				105	0.0	0.1	20.6	0.0	0.0	0.0				
				120	0.0	0.1	20.6	0.0	0.0	0.0	0.013	1.0	0.448	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS4	0.00	1013	0.0	15	0.0	0.3	20.5	0.0	0.0	0.0				
				30	0.0	0.2	20.5	0.0	0.0	0.0				
				45	0.0	0.2	20.5	0.0	0.0	0.0				
				60	0.0	0.2	20.6	0.0	0.0	0.0				
				75	0.0	0.1	20.6	0.0	0.0	0.0				
				90	0.0	0.1	20.6	0.0	0.0	0.0				
				105	0.0	0.1	20.6	0.0	0.0	0.0				
				120	0.0	0.1	20.6	0.0	0.0	0.0	0.014	1.0	0.749	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS5	0.00	1013	0.0	15	0.0	2.4	18.4	0.0	0.0	0.0				
				30	0.0	1.4	19.0	0.0	0.0	0.0				
				45	0.0	1.1	19.3	0.0	0.0	0.0				
				60	0.0	0.9	19.5	0.0	0.0	0.0				
				75	0.0	0.9	19.6	0.0	0.0	0.0				
				90	0.0	0.8	19.7	0.0	0.0	0.0				
				105	0.0	0.8	19.8	0.0	0.0	0.0				
				120	0.0	0.8	19.8	0.0	0.0	0.0	0.012	1.0	1.243	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS6	0.00	1013	0.0	15	0.0	2.2	20.1	0.0	0.0	0.0				
				30	0.0	2.0	20.2	0.0	0.0	0.0				
				45	0.0	2.0	20.2	0.0	0.0	0.0				
				60	0.0	2.0	20.2	0.0	0.0	0.0				
				75	0.0	1.9	20.2	0.0	0.0	0.0				
				90	0.0	1.9	20.2	0.0	0.0	0.0				
				105	0.0	1.9	20.2	0.0	0.0	0.0				
				120	0.0	1.9	20.2	0.0	0.0	0.0	0.008	1.0	3.328	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS7	0.00	1013	0.0	15	0.0	0.8	20.1	0.0	0.0	0.0				
				30	0.0	0.7	20.2	0.0	0.0	0.0				
				45	0.0	0.7	20.2	0.0	0.0	0.0				
				60	0.0	0.7	20.2	0.0	0.0	0.0				
				75	0.0	0.7	20.2	0.0	0.0	0.0				
				90	0.0	0.7	20.2	0.0	0.0	0.0				
				105	0.0	0.7	20.2	0.0	0.0	0.0				
				120	0.0	0.7	20.2	0.0	0.0	0.0	0.010	1.0	1.650	

GROUND GAS MONITORING RESULTS



Site:	Brookfield, Providence Hill	Client:	Triangle Property Developments Ltd
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Operator: CGJ

Project: E-E1663.00

Date: 31.03.2017

Weather: Overcast

Atmos	Ave Flow Rate	Atmos. Pressure	Differential Pressure	-	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
Start				-										
End				-										

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS1	0.00	1004	0.0	15	0.0	1.8	20.0	0.0	0.0	0.0				
				30	0.0	1.9	19.9	0.0	0.0	0.0				
				45	0.0	1.5	20.1	0.0	0.0	0.0				
				60	0.0	1.3	20.2	0.0	0.0	0.0				
				75	0.0	1.1	20.3	0.0	0.0	0.0				
				90	0.0	1.0	20.3	0.0	0.0	0.0				
				105	0.0	0.9	20.3	0.0	0.0	0.0				
				120	0.0	0.8	20.3	0.0	0.0	0.0	0.003	1.0	1.451	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS2	0.00	1003	0.0	15	0.0	9.5	2.0	0.0	0.0	0.0				
				30	0.0	9.6	1.7	0.0	0.0	0.0				
				45	0.0	9.5	1.6	0.0	0.0	0.0				
				60	0.0	9.5	1.6	0.0	0.0	0.0				
				75	0.0	9.5	1.6	0.0	0.0	0.0				
				90	0.0	9.5	1.6	0.0	0.0	0.0				
				105	0.0	9.5	1.6	0.0	0.0	0.0				
				120	0.0	9.5	1.6	0.0	0.0	0.0	0.000	1.0	1.872	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS3	0.00	1003	0.0	15	0.0	0.5	19.4	0.0	0.0	0.0				
				30	0.0	0.3	20.1	0.0	0.0	0.0				
				45	0.0	0.2	20.3	0.0	0.0	0.0				
				60	0.0	0.2	20.3	0.0	0.0	0.0				
				75	0.0	0.2	20.3	0.0	0.0	0.0				
				90	0.0	0.2	20.3	0.0	0.0	0.0				
				105	0.0	0.2	20.3	0.0	0.0	0.0				
				120	0.0	0.2	20.3	0.0	0.0	0.0	0.004	1.0	0.697	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS4	0.00	1003	0.0	15	0.0	0.2	20.7	0.0	0.0	0.0				
				30	0.0	0.2	20.7	0.0	0.0	0.0				
				45	0.0	0.2	20.7	0.0	0.0	0.0				
				60	0.0	0.2	20.7	0.0	0.0	0.0				
				75	0.0	0.2	20.7	0.0	0.0	0.0				
				90	0.0	0.2	20.7	0.0	0.0	0.0				
				105	0.0	0.2	20.7	0.0	0.0	0.0				
				120	0.0	0.2	20.7	0.0	0.0	0.0	0.006	1.0	0.838	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS5	0.00	1004	0.0	15	0.0	2.8	18.4	0.0	0.0	0.0				
				30	0.0	1.7	19.3	0.0	0.0	0.0				
				45	0.0	1.2	19.7	0.0	0.0	0.0				
				60	0.0	0.9	20.0	0.0	0.0	0.0				
				75	0.0	0.8	20.0	0.0	0.0	0.0				
				90	0.0	0.8	20.0	0.0	0.0	0.0				
				105	0.0	0.8	20.0	0.0	0.0	0.0				
				120	0.0	0.8	20.0	0.0	0.0	0.0	0.006	1.0	1.322	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS6	0.00	1003	0.0	15	0.0	1.8	18.2	0.0	0.0	0.0				
				30	0.0	1.7	18.3	0.0	0.0	0.0				
				45	0.0	1.7	18.3	0.0	0.0	0.0				
				60	0.0	1.7	18.3	0.0	0.0	0.0				
				75	0.0	1.7	18.3	0.0	0.0	0.0				
				90	0.0	1.7	18.3	0.0	0.0	0.0				
				105	0.0	1.7	18.3	0.0	0.0	0.0				
				120	0.0	1.7	18.3	0.0	0.0	0.0	0.007	1.0	3.359	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS7	0.00	1003	0.0	15	0.0	0.6	20.0	0.0	0.0	0.0				
				30	0.0	0.5	20.1	0.0	0.0	0.0				
				45	0.0	0.5	20.3	0.0	0.0	0.0				
				60	0.0	0.4	20.3	0.0	0.0	0.0				
				75	0.0	0.4	20.3	0.0	0.0	0.0				
				90	0.0	0.4	20.3	0.0	0.0	0.0				
				105	0.0	0.4	20.3	0.0	0.0	0.0				
				120	0.0	0.4	20.3	0.0	0.0	0.0	0.010	1.0	1.892	

GROUND GAS MONITORING RESULTS



Site:	Brookfield, Providence Hill	Client:	Triangle Property Developments Ltd
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Operator: CGJ

Project: E-E1663.00

Date: 26.04.2017

Weather Overcast

Atmos	Ave Flow Rate	Atmos. Pressure	Differential Pressure	-	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
Start	0.00	1009	0.0	-	0.0	0.1	20.7	0.0	0.0	0.0	0.020	1.0	-	
End	0.00	1009	0.0	-	0.0	0.1	20.9	0.0	0.0	0.0	0.010	1.0	-	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS1	0.00	1009	0.0	15	0.0	0.8	19.1	0.0	0.0	0.0				
				30	0.0	0.8	19.1	0.0	0.0	0.0				
				45	0.0	0.9	19.0	0.0	0.0	0.0				
				60	0.0	0.9	18.9	0.0	0.0	0.0				
				75	0.0	0.9	18.9	0.0	0.0	0.0				
				90	0.0	0.9	18.9	0.0	0.0	0.0				
				105	0.0	0.9	18.9	0.0	0.0	0.0				
				120	0.0	0.9	18.9	0.0	0.0	0.0	0.021	1.0	1.610	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS2	0.00	1009	0.0	15	0.0	10.7	3.3	0.0	0.0	0.0				
				30	0.0	10.9	3.2	0.0	0.0	0.0				
				45	0.0	11.1	2.8	0.0	0.0	0.0				
				60	0.0	11.2	2.6	0.0	0.0	0.0				
				75	0.0	11.3	2.6	0.0	0.0	0.0				
				90	0.0	11.3	2.6	0.0	0.0	0.0				
				105	0.0	11.3	2.6	0.0	0.0	0.0				
				120	0.0	11.3	2.6	0.0	0.0	0.0	0.012	1.0	2.831	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS3	0.00	1009	0.0	15	0.0	0.4	19.8	0.0	0.0	0.0				
				30	0.0	0.4	19.8	0.0	0.0	0.0				
				45	0.0	0.4	19.8	0.0	0.0	0.0				
				60	0.0	0.4	19.8	0.0	0.0	0.0				
				75	0.0	0.4	19.8	0.0	0.0	0.0				
				90	0.0	0.4	19.8	0.0	0.0	0.0				
				105	0.0	0.4	19.8	0.0	0.0	0.0				
				120	0.0	0.4	19.8	0.0	0.0	0.0	0.017	1.0	0.682	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS4	0.00	1009	0.0	15	0.0	1.9	18.5	0.0	0.0	0.0				
				30	0.0	1.8	18.7	0.0	0.0	0.0				
				45	0.0	1.7	18.8	0.0	0.0	0.0				
				60	0.0	1.7	18.8	0.0	0.0	0.0				
				75	0.0	1.7	18.8	0.0	0.0	0.0				
				90	0.0	1.7	18.8	0.0	0.0	0.0				
				105	0.0	1.7	18.8	0.0	0.0	0.0				
				120	0.0	1.7	18.8	0.0	0.0	0.0	0.013	1.0	0.922	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS5	0.00	1009	0.0	15	0.0	1.4	18.0	0.0	0.0	0.0				
				30	0.0	1.5	17.9	0.0	0.0	0.0				
				45	0.0	1.6	17.8	0.0	0.0	0.0				
				60	0.0	1.7	17.7	0.0	0.0	0.0				
				75	0.0	1.6	17.6	0.0	0.0	0.0				
				90	0.0	1.6	17.6	0.0	0.0	0.0				
				105	0.0	1.6	17.6	0.0	0.0	0.0				
				120	0.0	1.6	17.6	0.0	0.0	0.0	0.018	1.0	1.430	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS6	0.00	1009	0.0	15	0.0	2.4	18.7	0.0	0.0	0.0				
				30	0.0	2.3	18.7	0.0	0.0	0.0				
				45	0.0	2.3	18.7	0.0	0.0	0.0				
				60	0.0	2.3	18.7	0.0	0.0	0.0				
				75	0.0	2.3	18.7	0.0	0.0	0.0				
				90	0.0	2.3	18.7	0.0	0.0	0.0				
				105	0.0	2.3	18.7	0.0	0.0	0.0				
				120	0.0	2.3	18.7	0.0	0.0	0.0	0.013	1.0	NW	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS7	0.00	1009	0.0	15	0.0	1.5	18.0	0.0	0.0	0.0				
				30	0.0	1.4	18.0	0.0	0.0	0.0				
				45	0.0	1.3	18.1	0.0	0.0	0.0				
				60	0.0	1.3	18.2	0.0	0.0	0.0				
				75	0.0	1.3	18.3	0.0	0.0	0.0				
				90	0.0	1.2	18.4	0.0	0.0	0.0				
				105	0.0	1.2	18.5	0.0	0.0	0.0				
				120	0.0	1.2	18.5	0.0	0.0	0.0	0.010	1.0	1.991	

GROUND GAS MONITORING RESULTS



Site:	Brookfield, Providence Hill	Client:	Triangle Property Developments Ltd
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Operator CGJ

Project: E-E1663.00

Date: 10.05.2017

Weather Sunny

Atmos	Ave Flow Rate	Atmos. Pressure	Differential Pressure	-	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
Start	0.00	1002	0.0	-	0.0	0.1	20.9	0.0	0.0	0.0	0.017	1.0	-	
End	0.00	999	0.0	-	0.0	0.1	20.8	0.0	0.0	0.0	0.000	1.0	-	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS1	0.00	1002	0.0	15	0.0	0.0	19.3	0.0	0.0	0.0				
				30	0.0	0.0	19.1	0.0	0.0	0.0				
				45	0.0	0.0	19.1	0.0	0.0	0.0				
				60	0.0	0.0	19.1	0.0	0.0	0.0				
				75	0.0	0.0	19.2	0.0	0.0	0.0				
				90	0.0	0.0	19.2	0.0	0.0	0.0				
				105	0.0	0.0	19.2	0.0	0.0	0.0				
				120	0.0	0.0	19.3	0.0	0.0	0.0	0.015	1.0	2.225	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ₂ S	CO	Hex	PID	Water Level	Comments
WS2	0.00		0.0	15	0.0	7.1	13.5	0.0	0.0	0.0				
				30	0.0	7.4	12.6	0.0	0.0	0.0				
				45	0.0	7.4	12.4	0.0	0.0	0.0				
				60	0.0	7.4	12.3	0.0	0.0	0.0				
				75	0.0	7.4	12.3	0.0	0.0	0.0				
				90	0.0	7.4	12.2	0.0	0.0	0.0				
				105	0.0	7.4	12.2	0.0	0.0	0.0				
				120	0.0	7.4	12.2	0.0	0.0	0.0	0.014	1.0	3.075	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS3	0.00	1000	0.0	15	0.0	0.6	20.6	0.0	0.0	0.0				
				30	0.0	0.4	20.6	0.0	0.0	0.0				
				45	0.0	0.3	20.7	0.0	0.0	0.0				
				60	0.0	0.3	20.7	0.0	0.0	0.0				
				75	0.0	0.2	20.7	0.0	0.0	0.0				
				90	0.0	0.2	20.7	0.0	0.0	0.0				
				105	0.0	0.2	20.7	0.0	0.0	0.0				
				120	0.0	0.2	20.7	0.0	0.0	0.0	0.014	1.0	1.297	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS4	0.00	1001	0.0	15	0.0	0.9	20.5	0.0	0.0	0.0				
				30	0.0	0.9	20.2	0.0	0.0	0.0				
				45	0.0	0.9	20.2	0.0	0.0	0.0				
				60	0.0	0.9	20.1	0.0	0.0	0.0				
				75	0.0	0.9	20.1	0.0	0.0	0.0				
				90	0.0	0.9	20.1	0.0	0.0	0.0				
				105	0.0	1.0	20.1	0.0	0.0	0.0				
				120	0.0	1.0	20.1	0.0	0.0	0.0	0.010	1.0	1.343	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS5	0.00	1002	0.0	15	0.0	3.7	18.4	0.0	0.0	0.0				
				30	0.0	3.9	18.0	0.0	0.0	0.0				
				45	0.0	3.9	17.9	0.0	0.0	0.0				
				60	0.0	3.9	17.8	0.0	0.0	0.0				
				75	0.0	4.0	17.8	0.0	0.0	0.0				
				90	0.0	4.0	17.7	0.0	0.0	0.0				
				105	0.0	4.1	17.7	0.0	0.0	0.0				
				120	0.0	4.2	17.6	0.0	0.0	0.0	0.003	1.0	1.685	

Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS6	0.00	1002	0.0	15	0.0	1.9	19.6	0.0	0.0	0.0				
				30	0.0	1.7	19.8	0.0	0.0	0.0				
				45	0.0	1.7	19.8	0.0	0.0	0.0				
				60	0.0	1.7	19.8	0.0	0.0	0.0				
				75	0.0	1.7	19.8	0.0	0.0	0.0				
				90	0.0	1.8	19.7	0.0	0.0	0.0				
				105	0.0	1.8	19.7	0.0	0.0	0.0				
				120	0.0	1.8	19.7	0.0	0.0	0.0	0.000	1.0	3.770	
Hole Ref	Ave Flow Rate	Atmos. Pressure	Differential Pressure	Reading Duration	CH ₄	CO ₂	O ₂	LEL	H ² S	CO	Hex	PID	Water Level	Comments
WS7	0.00	999	0.0	15	0.0	2.9	19.5	0.0	0.0	0.0				
				30	0.0	2.9	19.4	0.0	0.0	0.0				
				45	0.0	3.0	19.4	0.0	0.0	0.0				
				60	0.0	3.1	19.3	0.0	0.0	0.0				
				75	0.0	3.1	19.3	0.0	0.0	0.0				
				90	0.0	3.2	19.3	0.0	0.0	0.0				
				105	0.0	3.2	19.2	0.0	0.0	0.0				
				120	0.0	3.2	19.2	0.0	0.0	0.0	0.000	1.0	2.668	

APPENDIX H

Conditions and Limitations



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