

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Chrysene	T16	AR	10	µg/l	U	043
Bis (2-ethylhexyl)phthalate	T16	10:1	10	µg/l	U	008,014
Bis (2-ethylhexyl)phthalate	T16	AR	10	µg/l	U	043
Di-n-octylphthalate	T16	10:1	10	µg/l	U	008,014
Di-n-octylphthalate	T16	AR	10	µg/l	U	043
Benzo(b/k)Fluoranthene	T16	10:1	10	µg/l	U	008,014
Benzo(b/k)Fluoranthene	T16	AR	10	µg/l	U	043
Benzo(a)Pyrene	T16	10:1	10	µg/l	U	008,014
Benzo(a)Pyrene	T16	AR	10	µg/l	U	043
Indeno(123-cd)Pyrene	T16	10:1	10	µg/l	U	008,014
Indeno(123-cd)Pyrene	T16	AR	10	µg/l	U	043
Dibenzo(ah)Anthracene	T16	10:1	10	µg/l	U	008,014
Dibenzo(ah)Anthracene	T16	AR	10	µg/l	U	043
Benzo(ghi)Perylene	T16	10:1	10	µg/l	U	008,014
Benzo(ghi)Perylene	T16	AR	10	µg/l	U	043
2,4-Dinitrophenol	T16	10:1	10	µg/l	N	008,014
2,4-Dinitrophenol	T16	AR	10	µg/l	N	043
TPH (C8-C10)	T8	AR	1	mg/kg	N	007-008,010,012-015,017-019,022,024-025,032,035
TPH (C10-C12)	T8	AR	1	mg/kg	U	007-008,010,012-015,017-019,022,024-025,032,035
TPH (C12-C16)	T8	AR	1	mg/kg	U	007-008,010,012-015,017-019,022,024-025,032,035
TPH (C16-C21)	T8	AR	1	mg/kg	U	007-008,010,012-015,017-019,022,024-025,032,035
TPH (C21-C35)	T8	AR	1	mg/kg	U	007-008,010,012-015,017-019,022,024-025,032,035
Naphthalene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Acenaphthylene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Acenaphthene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Fluorene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Phenanthrene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Anthracene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Fluoranthene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Pyrene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Benzo(a)Anthracene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Chrysene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Benzo(b)fluoranthene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Benzo(k)fluoranthene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Benzo(a)Pyrene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Indeno(123-cd)Pyrene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Dibenzo(ah)Anthracene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
Benzo(ghi)Perylene	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040
PAH(total)	T149	AR	0.01	mg/kg	U	002-008,010-016,019-021,023-025,028-035,037-040



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Scientific Analysis Laboratories Ltd

Certificate of Analysis

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Report Number: 560719-2

Date of Report: 20-Apr-2016

Customer: Patrick Parsons Ltd
Orient House
16 McPhater St
Glasgow
G4 0HW

Customer Contact: Mr Jim Heather

Customer Job Reference:

Customer Site Reference: Monckton, Barnsley

Date Job Received at SAL: 07-Apr-2016

Date Analysis Started: 07-Apr-2016

Date Analysis Completed: 20-Apr-2016

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

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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 :
Miss Ashleigh Hanna
Project Manager

Issued by :
Miss Ashleigh Hanna
Project Manager

SAL Reference: 560719 Project Site: Monckton, Barnsley Customer Reference: Water Analysed as Water Miscellaneous									
SAL Reference				560719 001	560719 002	560719 003	560719 004	560719 005	
Customer Sample Reference				WS9	BH301	BH302	BH305	SP3	
Date Sampled				06-APR-2016	06-APR-2016	06-APR-2016	06-APR-2016	06-APR-2016	
Determinand	Method	Test Sample	LOD	Units					
Ammonia expressed as N	T686	F	0.05	mg/l	<0.05	0.30	0.24	2.3	21
Chloride	T686	F	1	mg/l	-	520	150	1800	200
NO3 expressed as N	T686	F	0.5	mg/l	2.0	16	<0.5	4.7	-
Cyanide(Total)	T4	AR	0.05	mg/l	0.62	-	-	-	-
pH	T7	AR			-	-	-	-	6.2
Alkalinity expressed as CaCO3	T22	AR	10	mg/l	(64) 340	-	-	-	(64) 47
B (Dissolved)	T373	AR	0.01	mg/l	-	-	-	-	0.14
Ca (Dissolved)	T373	AR	1	mg/l	58	-	-	-	160
Dissolved Mg	T285	AR	0.1	mg/l	24	-	-	-	39
Dissolved K	T285	AR	0.1	mg/l	8.5	18	13	29	12
Dissolved Na	T285	AR	0.05	mg/l	130	340	120	1100	190
Sulphur (total)	T6	AR	50	mg/l	-	-	-	-	170

SAL Reference: 560719 Project Site: Monckton, Barnsley Customer Reference: Water Analysed as Water Miscellaneous					
SAL Reference				560719 006	
Customer Sample Reference				SP4	
Date Sampled				06-APR-2016	
Determinand	Method	Test Sample	LOD	Units	
Ammonia expressed as N	T686	F	0.05	mg/l	39
Chloride	T686	F	1	mg/l	190
pH	T7	AR			4.9
Alkalinity expressed as CaCO3	T22	AR	10	mg/l	(64) <10
B (Dissolved)	T373	AR	0.01	mg/l	0.14
Ca (Dissolved)	T373	AR	1	mg/l	130
Dissolved Mg	T285	AR	0.1	mg/l	51
Dissolved K	T285	AR	0.1	mg/l	15
Dissolved Na	T285	AR	0.05	mg/l	210
Sulphur (total)	T6	AR	50	mg/l	370

SAL Reference: 560719							
Project Site: Monckton, Barnsley							
Customer Reference:							
Water		Analysed as Water					
BTEx							
SAL Reference				560719 001	560719 005	560719 006	
Customer Sample Reference				WS9	SP3	SP4	
Date Sampled				06-APR-2016	06-APR-2016	06-APR-2016	
Determinand	Method	Test Sample	LOD	Units			
Benzene	T54	AR	1	µg/l	(13) <1	(13) <1	1000
EthylBenzene	T54	AR	1	µg/l	<1	<1	(9) <5
M/P Xylene	T54	AR	1	µg/l	<1	<1	110
O Xylene	T54	AR	1	µg/l	<1	<1	45
Toluene	T54	AR	1	µg/l	<1	<1	270

SAL Reference: 560719							
Project Site: Monckton, Barnsley							
Customer Reference:							
Water		Analysed as Water					
Heavy Metals(9)							
SAL Reference				560719 001	560719 005	560719 006	
Customer Sample Reference				WS9	SP3	SP4	
Date Sampled				06-APR-2016	06-APR-2016	06-APR-2016	
Determinand	Method	Test Sample	LOD	Units			
As (Dissolved)	T281	AR	0.2	µg/l	1.5	2.2	2.4
Cd (Dissolved)	T281	AR	0.02	µg/l	0.03	0.74	0.81
Cr (Dissolved)	T281	AR	1	µg/l	22	4	4
Cu (Dissolved)	T281	AR	0.5	µg/l	12	11	4.9
Pb (Dissolved)	T281	AR	0.3	µg/l	0.4	2.3	0.8
Hg (Dissolved)	T281	AR	0.05	µg/l	<0.05	<0.05	<0.05
Ni (Dissolved)	T281	AR	1	µg/l	4	28	83
Se (Dissolved)	T281	AR	0.5	µg/l	47	13	9.3
Zn (Dissolved)	T281	AR	2	µg/l	<2	10	85

SAL Reference: 560719 Project Site: Monckton, Bamsley Customer Reference: Water Analysed as Water PAH US EPA 16 (B and K split)						
SAL Reference			560719 005	560719 006		
Customer Sample Reference			SP3	SP4		
Date Sampled			06-APR-2016	06-APR-2016		
Determinand	Method	Test Sample	LOD	Units		
Naphthalene	T149	AR	0.01	µg/l	7.5	890
Acenaphthylene	T149	AR	0.01	µg/l	1.7	⁽⁹⁾ <10
Acenaphthene	T149	AR	0.01	µg/l	9.8	120
Fluorene	T149	AR	0.01	µg/l	2.1	32
Phenanthrene	T149	AR	0.01	µg/l	1.5	10
Anthracene	T149	AR	0.01	µg/l	1.1	⁽⁹⁾ <10
Fluoranthene	T149	AR	0.01	µg/l	4.5	⁽⁹⁾ <10
Pyrene	T149	AR	0.01	µg/l	4.0	⁽⁹⁾ <10
Benzo(a)Anthracene	T149	AR	0.01	µg/l	1.9	⁽⁹⁾ <10
Chrysene	T149	AR	0.01	µg/l	2.3	⁽⁹⁾ <10
Benzo(b)fluoranthene	T149	AR	0.01	µg/l	3.9	⁽⁹⁾ <10
Benzo(k)fluoranthene	T149	AR	0.01	µg/l	1.4	⁽⁹⁾ <10
Benzo(a)Pyrene	T149	AR	0.01	µg/l	2.8	⁽⁹⁾ <10
Indeno(123-cd)Pyrene	T149	AR	0.01	µg/l	1.6	⁽⁹⁾ <10
Dibenzo(ah)Anthracene	T149	AR	0.01	µg/l	⁽⁹⁾ <0.50	⁽⁹⁾ <10
Benzo(ghi)Perylene	T149	AR	0.01	µg/l	1.8	⁽⁹⁾ <10
PAH(total)	T149	AR	0.01	µg/l	48	1100

SAL Reference: 560719 Project Site: Monckton, Barnsley Customer Reference: Water Analysed as Water TPH (CWG)									
SAL Reference				560719 001	560719 002	560719 003	560719 004	560719 005	
Customer Sample Reference				WS9	BH301	BH302	BH305	SP3	
Date Sampled				06-APR-2016	06-APR-2016	06-APR-2016	06-APR-2016	06-APR-2016	
Determinand	Method	Test Sample	LOD	Units					
TPH (C5-C6 aliphatic)	T215	AR	10	µg/l	<10	<10	<10	<10	<10
TPH (C6-C8 aliphatic)	T215	AR	10	µg/l	<10	<10	<10	<10	<10
TPH (C8-C10 aliphatic)	T215	AR	10	µg/l	<10	<10	<10	<10	<10
TPH DW(C10-C12 aliphatic)	T81	AR	0.01	mg/l	0.04	<0.01	<0.01	0.01	<0.01
TPH DW(C12-C16 aliphatic)	T81	AR	0.01	mg/l	0.14	<0.01	<0.01	0.07	0.02
TPH DW(C16-C21 aliphatic)	T81	AR	0.01	mg/l	0.09	⁽¹³⁾ <0.01	<0.01	0.03	0.03
TPH DW(C21-C35 aliphatic)	T81	AR	0.01	mg/l	0.38	⁽¹³⁾ <0.01	⁽¹³⁾ <0.01	0.03	0.04
TPH (C6-C7 aromatic)	T215	AR	10	µg/l	<10	<10	<10	270	<10
TPH (C7-C8 aromatic)	T215	AR	10	µg/l	<10	<10	<10	<10	<10
TPH (C8-C10 aromatic)	T215	AR	10	µg/l	<10	<10	<10	110	<10
TPH DW(C10-C12 aromatic)	T81	AR	0.01	mg/l	<0.01	<0.01	<0.01	0.50	<0.01
TPH DW(C12-C16 aromatic)	T81	AR	0.01	mg/l	<0.01	<0.01	⁽¹³⁾ <0.01	0.56	0.05
TPH DW(C16-C21 aromatic)	T81	AR	0.01	mg/l	<0.01	<0.01	<0.01	0.24	0.11
TPH DW(C21-C35 aromatic)	T81	AR	0.01	mg/l	<0.01	<0.01	<0.01	0.02	0.04

SAL Reference: 560719 Project Site: Monckton, Barnsley Customer Reference: Water Analysed as Water TPH (CWG)					
SAL Reference				560719 006	
Customer Sample Reference				SP4	
Date Sampled				06-APR-2016	
Determinand	Method	Test Sample	LOD	Units	
TPH (C5-C8 aliphatic)	T215	AR	10	µg/l	⁽⁹⁾ <50
TPH (C6-C8 aliphatic)	T215	AR	10	µg/l	⁽⁹⁾ <50
TPH (C8-C10 aliphatic)	T215	AR	10	µg/l	⁽⁹⁾ <50
TPH DW(C10-C12 aliphatic)	T81	AR	0.01	mg/l	0.05
TPH DW(C12-C16 aliphatic)	T81	AR	0.01	mg/l	0.15
TPH DW(C16-C21 aliphatic)	T81	AR	0.01	mg/l	0.03
TPH DW(C21-C35 aliphatic)	T81	AR	0.01	mg/l	0.04
TPH (C6-C7 aromatic)	T215	AR	10	µg/l	1000
TPH (C7-C8 aromatic)	T215	AR	10	µg/l	270
TPH (C8-C10 aromatic)	T215	AR	10	µg/l	230
TPH DW(C10-C12 aromatic)	T81	AR	0.01	mg/l	1.9
TPH DW(C12-C16 aromatic)	T81	AR	0.01	mg/l	5.1
TPH DW(C16-C21 aromatic)	T81	AR	0.01	mg/l	<0.01
TPH DW(C21-C35 aromatic)	T81	AR	0.01	mg/l	<0.01

Index to symbols used in 560719-2

Value	Description
F	Filtered
AR	As Received
64	Analysis was performed by an alternative technique
9	LOD raised due to dilution of sample
13	Results have been blank corrected.
U	Analysis is UKAS accredited
N	Analysis is not UKAS accredited

Notes

TPH (H/S): These samples have been analysed exceeding recommended holding times. It is possible therefore that the results provided may be compromised.
Phenols were analysed at SAL Baintree.

Method Index

Value	Description
T22	Titration
T54	GC/MS (Headspace)
T285	ICP/OES (SIM) (Filtered)
T281	ICP/MS (Filtered)
T6	ICP/OES
T17	HPLC
T7	Probe
T149	GC/MS (SIR)
T215	GC/MS (Headspace)(LV)
T686	Discrete Analyser
T61	GC/FID (LV)
T373	ICP/OES (Filtered)
T4	Colorimetry

Accreditation Summary

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Ammonia expressed as N	T686	F	0.05	mg/l	U	001-006
Chloride	T686	F	1	mg/l	U	002-006
NO3 expressed as N	T686	F	0.5	mg/l	U	001-004
Cyanide(Total)	T4	AR	0.05	mg/l	U	001
pH	T7	AR			U	005-006
Alkalinity expressed as CaCO3	T22	AR	10	mg/l	N	001,005-006
B (Dissolved)	T373	AR	0.01	mg/l	N	005-006
Ca (Dissolved)	T373	AR	1	mg/l	N	001,005-006
Dissolved Mg	T285	AR	0.1	mg/l	N	001,005-006
Dissolved K	T285	AR	0.1	mg/l	N	001-006
Dissolved Na	T285	AR	0.05	mg/l	N	001-006
Sulphur (total)	T6	AR	50	mg/l	N	005-006
Benzene	T54	AR	1	µg/l	U	001,005-006
EthylBenzene	T54	AR	1	µg/l	U	001,005-006
M/P Xylene	T54	AR	1	µg/l	U	001,005-006
O Xylene	T54	AR	1	µg/l	U	001,005-006
Toluene	T54	AR	1	µg/l	U	001,005-006
As (Dissolved)	T281	AR	0.2	µg/l	U	001,005-006
Cd (Dissolved)	T281	AR	0.02	µg/l	U	001,005-006
Cr (Dissolved)	T281	AR	1	µg/l	U	001,005-006
Cu (Dissolved)	T281	AR	0.5	µg/l	U	001,005-006
Pb (Dissolved)	T281	AR	0.3	µg/l	U	001,005-006
Hg (Dissolved)	T281	AR	0.05	µg/l	U	001,005-006
Ni (Dissolved)	T281	AR	1	µg/l	U	001,005-006
Se (Dissolved)	T281	AR	0.5	µg/l	U	001,005-006
Zn (Dissolved)	T281	AR	2	µg/l	U	001,005-006
Naphthalene	T149	AR	0.01	µg/l	U	005-006
Acenaphthylene	T149	AR	0.01	µg/l	U	005-006
Acenaphthene	T149	AR	0.01	µg/l	U	005-006
Fluorene	T149	AR	0.01	µg/l	U	005-006
Phenanthrene	T149	AR	0.01	µg/l	U	005-006

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Anthracene	T149	AR	0.01	µg/l	U	005-006
Fluoranthene	T149	AR	0.01	µg/l	U	005-006
Pyrene	T149	AR	0.01	µg/l	U	005-006
Benzo(a)Anthracene	T149	AR	0.01	µg/l	U	005-006
Chrysene	T149	AR	0.01	µg/l	U	005-006
Benzo(b)fluoranthene	T149	AR	0.01	µg/l	U	005-006
Benzo(k)fluoranthene	T149	AR	0.01	µg/l	U	005-006
Benzo(a)Pyrene	T149	AR	0.01	µg/l	U	005-006
Indeno(123-cd)Pyrene	T149	AR	0.01	µg/l	U	005-006
Dibenzo(ah)Anthracene	T149	AR	0.01	µg/l	U	005-006
Benzo(ghi)Perylene	T149	AR	0.01	µg/l	U	005-006
PAH(total)	T149	AR	0.01	µg/l	U	005-006
Catechol	T17	AR	0.005	mg/l	N	001-006
Cresols	T17	AR	0.005	mg/l	N	001-006
Naphthols	T17	AR	0.01	mg/l	N	001-006
Phenol	T17	AR	0.005	mg/l	N	001-006
Resorcinol	T17	AR	0.005	mg/l	N	001-006
Total Phenols	T17	AR	0.01	mg/l	N	001-006
Trimethyl phenols	T17	AR	0.01	mg/l	N	001-006
Xylenols	T17	AR	0.01	mg/l	N	001-006
TPH (C5-C6 aliphatic)	T215	AR	10	µg/l	N	001-006
TPH (C6-C8 aliphatic)	T215	AR	10	µg/l	N	001-006
TPH (C8-C10 aliphatic)	T215	AR	10	µg/l	N	001-006
TPH DW(C10-C12 aliphatic)	T81	AR	0.01	mg/l	N	001-006
TPH DW(C12-C16 aliphatic)	T81	AR	0.01	mg/l	N	001-006
TPH DW(C16-C21 aliphatic)	T81	AR	0.01	mg/l	N	001-006
TPH DW(C21-C35 aliphatic)	T81	AR	0.01	mg/l	N	001-006
TPH (C6-C7 aromatic)	T215	AR	10	µg/l	N	001-006
TPH (C7-C8 aromatic)	T215	AR	10	µg/l	N	001-006
TPH (C8-C10 aromatic)	T215	AR	10	µg/l	N	001-006
TPH DW(C10-C12 aromatic)	T81	AR	0.01	mg/l	N	001-006
TPH DW(C12-C16 aromatic)	T81	AR	0.01	mg/l	N	001-006
TPH DW(C16-C21 aromatic)	T81	AR	0.01	mg/l	N	001-006
TPH DW(C21-C35 aromatic)	T81	AR	0.01	mg/l	N	001-006



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Analytical Report Number : 15-75496

Project / Site name:	Moncton Phase I	Samples received on:	07/05/2015
Your job number:	G151311	Samples instructed on:	16/07/2015
Your order number:		Analysis completed by:	06/08/2015
Report Issue Number:	1	Report issued on:	06/08/2015
Samples Analysed:	5 leachate samples - 12 soil samples		

Signed:

Rexona Rahman
Reporting Manager
For & on behalf of i2 Analytical Ltd.

Signed:

Emma Winter
Assistant Reporting Manager
For & on behalf of i2 Analytical Ltd.

Other office located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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SAL Reference: 558017									
Customer Reference: G15009									
Soil		Analysed as Soil							
Miscellaneous									
SAL Reference		558017 001	558017 002	558017 003	558017 004	558017 005			
Customer Sample Reference		TP1104 1.0m	TP1103 1.3m	TP1102 0.75m	TP1105 1.3m	TP1105 2.9m			
Date Sampled		Deviating	Deviating	Deviating	Deviating	Deviating			
Determinand	Method	Test Sample	LOD	Units					
Boron (water-soluble)	T112	A40	1	mg/kg	<1	<1	<1	<1	<1
SO4(Total)	T82	A40	0.01	%	-	0.28	1.3	-	1.2
Cyanide(Total)	T4	AR	1	mg/kg	<1	<1	<1	<1	<1
Sulphide	T4	AR	10	mg/kg	<10	<10	<10	<10	<10
Leach Prep	T2	AR			-	Extracted	-	-	Extracted
Sulphur (elemental)	T17	AR	20	mg/kg	1550	49	625	40	<20
pH	T7	A40			-	6.9	7.5	-	4.5

SAL Reference: 558017
Customer Reference: G15009

Soil
Miscellaneous

Analysed as Soil

SAL Reference					558017 006	558017 007	558017 008	558017 009	558017 010
Customer Sample Reference					TP1005 0.8m	TP1006 1.1m	TP1006 2.8m	TP1101 1.0m	TP1101 2.5m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Boron (water-soluble)	T112	A40	1	mg/kg	<1	-	-	-	<1
SO4(Total)	T82	A40	0.01	%	0.39	-	-	-	0.05
Chloride	T686	AR	1	mg/kg	4	90	84	80	52
Cyanide(Total)	T4	AR	1	mg/kg	<1	-	-	<1	<1
Sulphide	T4	AR	10	mg/kg	<10	-	-	<10	<10
Leach Prep	T2	AR			Extracted	-	Extracted	-	-
Sulphur (elemental)	T17	AR	20	mg/kg	673	-	-	77	<20
TPH (C10-C35)	T8	AR	1	mg/kg	-	76	670	480	<1
pH	T7	A40			6.7	-	-	-	3.7

SAL Reference: 558017									
Customer Reference: G15009									
Soil		Analysed as Soil							
Miscellaneous									
SAL Reference					558017 011	558017 012	558017 013	558017 014	558017 015
Customer Sample Reference					TP1008 1.0m	TP1009 0.7m	TP1009 1.9m	TP1010 1.0m	TP1011 1.9m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Boron (water-soluble)	T112	A40	1	mg/kg	<1	<1	<1	-	-
SO4(Total)	T82	A40	0.01	%	0.48	0.08	0.60	-	-
Chloride	T688	AR	1	mg/kg	-	-	-	53	-
Cyanide(Total)	T4	AR	1	mg/kg	<1	<1	<1	-	-
Sulphide	T4	AR	10	mg/kg	<10	<10	<10	-	-
Leach Prep	T2	AR			-	-	Extracted	Extracted	Extracted
Sulphur (elemental)	T17	AR	20	mg/kg	46	<20	<20	-	-
TPH (C10-C35)	T8	AR	1	mg/kg	-	-	40	<1	<1
pH	T7	A40			7.5	7.7	7.1	-	-

SAL Reference: 558017													
Customer Reference: G15009													
Soil		Analysed as Soil											
Miscellaneous													
		SAL Reference		558017 016		558017 017		558017 019		558017 020		558017 021	
		Customer Sample Reference		TP1012 2.0m		TP1013 0.5m		TP1013 2.1m		TP1014 0.8m		TP1014 1.7m	
		Date Sampled		Deviating		Deviating		Deviating		Deviating		Deviating	
Determinand		Method	Test Sample	LOD	Units								
Boron (water-soluble)	T112	A40	1	mg/kg	<1	-	-	-	-	-	-	<1	
SO4(Total)	T82	A40	0.01	%	0.47	-	-	-	2.5	-	-	0.07	
Chloride	T686	AR	1	mg/kg	10	-	-	-	13	-	-	21	
Cyanide(Total)	T4	AR	1	mg/kg	<1	-	-	-	-	-	-	<1	
Sulphide	T4	AR	10	mg/kg	<10	-	-	-	<10	-	-	<10	
Leach Prep	T2	AR			Extracted	-	-	-	-	-	-	Extracted	
Sulphur (elemental)	T17	AR	20	mg/kg	<20	-	-	-	432	-	-	<20	
TPH (C10-C35)	T8	AR	1	mg/kg	38	6700	11000	-	-	-	-	-	
pH	T7	A40			6.9	-	-	-	7.5	-	-	7.4	

SAL Reference: 558017													
Customer Reference: G15009													
Soil		Analysed as Soil											
Miscellaneous													
		SAL Reference		558017 022		558017 023		558017 024		558017 025		558017 026	
		Customer Sample Reference		TP1017 0.1m		TP1017 0.8m		TP1017 1.0m		TP1018 0.45m		TP1020 0.6m	
		Date Sampled		Deviating		Deviating		Deviating		Deviating		Deviating	
Determinand		Method	Test Sample	LOD	Units								
Boron (water-soluble)		T112	A40	1	mg/kg	-	-	<1	-	-			
SO4(Total)		T82	A40	0.01	%	-	0.03	0.04	-	-			
Chloride		T686	AR	1	mg/kg	-	24	75	-	13			
Cyanide(Total)		T4	AR	1	mg/kg	-	-	<1	-	-			
Sulphide		T4	AR	10	mg/kg	-	<10	<10	-	<10			
Leach Prep		T2	AR			-	-	Extracted	-	-			
Sulphur (elemental)		T17	AR	20	mg/kg	-	578	214	215	687			
TPH (C10-C35)		T8	AR	1	mg/kg	2400	2600	1300	1000	-			
pH		T7	A40			-	7.4	7.6	-	-			

SAL Reference: 558017									
Customer Reference: G15009									
Soil		Analysed as Soil							
Miscellaneous									
		SAL Reference		558017 027	558017 028	558017 029	558017 030	558017 031	
		Customer Sample Reference		TP1020 1.2m	TP1021 0.6m	TP1021 1.4m	TP1023 0.25m	TP1023 1.5m	
		Date Sampled		Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Chloride	T686	AR	1	mg/kg	15	36	33	82	40
Sulphide	T4	AR	10	mg/kg	<10	<10	<10	-	-
Leach Prep	T2	AR			Extracted	-	Extracted	-	-
Sulphur (elemental)	T17	AR	20	mg/kg	248	373	391	-	-
TPH (C10-C35)	T8	AR	1	mg/kg	-	15000	5600	-	-

SAL Reference: 558017											
Customer Reference: G15009											
Soil		Analysed as Soil									
Miscellaneous											
SAL Reference		558017 032		558017 033		558017 034		558017 035		558017 036	
Customer Sample Reference		TP1024 0.4m		TP1025 0.4m		TP1025 2.0m		TP1026 0.7m		TP1027 1.0m	
Date Sampled		Deviating		Deviating		Deviating		Deviating		Deviating	
Determinand	Method	Test Sample	LOD	Units							
Boron (water-soluble)	T112	A40	1	mg/kg	-	<1	<1	<1	<1	-	
SO4(Total)	T82	A40	0.01	%	0.25	0.14	0.19	0.18	0.18	-	
Chloride	T686	AR	1	mg/kg	-	12	23	27	27	9	
Cyanide(Total)	T4	AR	1	mg/kg	-	<1	<1	<1	<1	-	
Sulphide	T4	AR	10	mg/kg	<10	<10	<10	<10	<10	-	
Leach Prep	T2	AR			Extracted	-	-	-	Extracted	-	
Sulphur (elemental)	T17	AR	20	mg/kg	115	374	221	<20	<20	-	
TPH (C10-C35)	T8	AR	1	mg/kg	220	2500	950	370	370	-	
pH	T7	A40			6.3	7.7	7.6	7.2	7.2	-	

SAL Reference: 558017									
Customer Reference: G15009									
Soil		Analysed as Soil							
Miscellaneous									
SAL Reference				558017 037	558017 038	558017 039	558017 040		
Customer Sample Reference				TP1030 1.5m	TP1031 1.6m	TP1032 0.5m	TP1033 0.5m		
Date Sampled				Deviating	Deviating	Deviating	Deviating		
Determinand	Method	Test Sample	LOD	Units					
Boron (water-soluble)	T112	A40	1	mg/kg	-	<1	<1	<1	
SO4(Total)	T82	A40	0.01	%	-	0.87	0.68	0.35	
Chloride	T686	AR	1	mg/kg	160	-	-	260	
Cyanide(Total)	T4	AR	1	mg/kg	-	<1	<1	<1	
Sulphide	T4	AR	10	mg/kg	-	<10	<10	<10	
Leach Prep	T2	AR			-	Extracted	-	-	
Sulphur (elemental)	T17	AR	20	mg/kg	-	<20	<20	<20	
TPH (C10-C35)	T8	AR	1	mg/kg	<1	-	-	-	
pH	T7	A40			-	7.6	7.6	7.8	

SAL Reference: 558017									
Customer Reference: G15009									
Leachate		Analysed as Water							
BTEX									
SAL Reference				558017 008	558017 013	558017 014	558017 015	558017 029	
Customer Sample Reference				TP1006 2.8m	TP1009 1.9m	TP1010 1.0m	TP1011 1.9m	TP1021 1.4m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Benzene	T54	10:1	1	µg/l	(13) <1	(13) <1	(13) <1	(13) <1	(13) <1
EthylBenzene	T54	10:1	1	µg/l	<1	<1	<1	<1	3
M/P Xylene	T54	10:1	1	µg/l	<1	<1	<1	<1	4
O Xylene	T54	10:1	1	µg/l	<1	<1	<1	<1	4
Toluene	T54	10:1	1	µg/l	<1	<1	<1	<1	<1

SAL Reference: 558017									
Customer Reference: G15009									
Leachate		Analysed as Water							
Heavy Metals(9)									
SAL Reference		558017 002	558017 005	558017 006	558017 016	558017 021			
Customer Sample Reference		TP1103 1.3m	TP1105 2.9m	TP1005 0.8m	TP1012 2.0m	TP1014 1.7m			
Date Sampled		Deviating	Deviating	Deviating	Deviating	Deviating			
Determinand	Method	Test Sample	LOD	Units					
As (Dissolved)	T281	10:1	0.2	µg/l	<0.2	<0.2	0.2	<0.2	<0.2
Cd (Dissolved)	T281	10:1	0.02	µg/l	<0.02	0.09	<0.02	0.02	0.03
Cr (Dissolved)	T281	10:1	1	µg/l	<1	<1	<1	<1	<1
Cu (Dissolved)	T281	10:1	0.5	µg/l	<0.5	0.6	0.9	1.9	<0.5
Pb (Dissolved)	T281	10:1	0.3	µg/l	0.7	0.8	0.8	3.8	0.8
Hg (Dissolved)	T281	10:1	0.05	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Ni (Dissolved)	T281	10:1	1	µg/l	<1	11	<1	<1	<1
Se (Dissolved)	T281	10:1	0.5	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5
Zn (Dissolved)	T281	10:1	2	µg/l	9	32	<2	33	4

SAL Reference: 558017									
Customer Reference: G15009									
Leachate					Analysed as Water				
Heavy Metals(9)									
SAL Reference					558017 024	558017 027	558017 029	558017 032	558017 035
Customer Sample Reference					TP1017 1.0m	TP1020 1.2m	TP1021 1.4m	TP1024 0.4m	TP1026 0.7m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
As (Dissolved)	T281	10:1	0.2	µg/l	0.7	1.0	0.7	0.8	3.6
Cd (Dissolved)	T281	10:1	0.02	µg/l	0.11	0.06	<0.02	0.27	<0.02
Cr (Dissolved)	T281	10:1	1	µg/l	<1	<1	<1	<1	<1
Cu (Dissolved)	T281	10:1	0.5	µg/l	5.6	4.4	<0.5	2.8	1.2
Pb (Dissolved)	T281	10:1	0.3	µg/l	1.4	2.7	0.8	2.6	1.7
Hg (Dissolved)	T281	10:1	0.05	µg/l	<0.05	0.07	<0.05	<0.05	<0.05
Ni (Dissolved)	T281	10:1	1	µg/l	1	2	<1	2	<1
Se (Dissolved)	T281	10:1	0.5	µg/l	<0.5	0.7	<0.5	<0.5	<0.5
Zn (Dissolved)	T281	10:1	2	µg/l	13	11	13	26	7

SAL Reference: 558017 Customer Reference: G15009 Leachate Analysed as Water Heavy Metals(9)					
SAL Reference		558017 038			
Customer Sample Reference		TP1031 1.6m			
Date Sampled		Deviating			
Determinand	Method	Test Sample	LOD	Units	
As (Dissolved)	T281	10:1	0.2	µg/l	0.4
Cd (Dissolved)	T281	10:1	0.02	µg/l	<0.02
Cr (Dissolved)	T281	10:1	1	µg/l	<1
Cu (Dissolved)	T281	10:1	0.5	µg/l	0.6
Pb (Dissolved)	T281	10:1	0.3	µg/l	0.9
Hg (Dissolved)	T281	10:1	0.05	µg/l	<0.05
Ni (Dissolved)	T281	10:1	1	µg/l	<1
Se (Dissolved)	T281	10:1	0.5	µg/l	0.6
Zn (Dissolved)	T281	10:1	2	µg/l	6

SAL Reference: 558017									
Customer Reference: G15009									
Leachate					Analysed as Water				
PAH US EPA 16 (B and K split)									
SAL Reference				558017 002	558017 005	558017 006	558017 008	558017 013	
Customer Sample Reference				TP1103 1.3m	TP1105 2.9m	TP1005 0.8m	TP1006 2.8m	TP1009 1.9m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T149	10:1	0.01	µg/l	(13) 0.04	(13) 0.07	(13) 0.09	(13) 0.14	(13) 0.08
Acenaphthylene	T149	10:1	0.01	µg/l	0.01	0.01	<0.01	0.33	0.07
Acenaphthene	T149	10:1	0.01	µg/l	(13) 0.02	(13) 0.05	(13) <0.01	(13) 0.13	0.02
Fluorene	T149	10:1	0.01	µg/l	(13) 0.01	(13) 0.03	(13) <0.01	(13) 0.79	(13) 0.05
Phenanthrene	T149	10:1	0.01	µg/l	(13) <0.01	(13) 0.02	(13) 0.01	(13) 0.18	0.03
Anthracene	T149	10:1	0.01	µg/l	0.01	0.01	0.01	0.95	<0.01
Fluoranthene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) 0.20	<0.01
Pyrene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) 0.16	<0.01
Benzo(a)Anthracene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) 0.03	(13) <0.01
Chrysene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) 0.03	(13) <0.01
Benzo(b)fluoranthene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) 0.02	<0.01
Benzo(k)fluoranthene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) 0.01	<0.01
Benzo(a)Pyrene	T149	10:1	0.01	µg/l	<0.01	0.01	<0.01	0.02	<0.01
Indeno(123-cd)Pyrene	T149	10:1	0.01	µg/l	<0.01	0.01	0.01	0.02	0.01
Dibenzo(ah)Anthracene	T149	10:1	0.01	µg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)Perylene	T149	10:1	0.01	µg/l	<0.01	<0.01	<0.01	0.01	0.01
PAH(total)	T149	10:1	0.01	µg/l	0.09	0.21	0.12	3.0	0.27

SAL Reference: 558017									
Customer Reference: G15009									
Leachate					Analysed as Water				
PAH US EPA 16 (B and K split)									
SAL Reference				558017 014	558017 015	558017 016	558017 021	558017 024	
Customer Sample Reference				TP1010 1.0m	TP1011 1.9m	TP1012 2.0m	TP1014 1.7m	TP1017 1.0m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T149	10:1	0.01	µg/l	(13) 0.09	(13) 0.01	0.07	(13) 0.05	(9) <1.0
Acenaphthylene	T149	10:1	0.01	µg/l	0.02	0.01	0.02	0.01	(13) 3.7
Acenaphthene	T149	10:1	0.01	µg/l	(13) 0.01	(13) 0.04	(13) 0.02	(13) 0.02	(13) 93
Fluorene	T149	10:1	0.01	µg/l	(13) 0.02	0.01	(13) 0.03	0.01	6.5
Phenanthrene	T149	10:1	0.01	µg/l	(13) 0.02	(13) 0.01	(13) <0.01	(13) 0.01	(9) <1.0
Anthracene	T149	10:1	0.01	µg/l	<0.01	0.01	0.04	0.01	(13,9) <1.0
Fluoranthene	T149	10:1	0.01	µg/l	0.01	<0.01	0.01	<0.01	(9) <1.0
Pyrene	T149	10:1	0.01	µg/l	(13) 0.01	(13) <0.01	(13) <0.01	(13) <0.01	(13,9) <1.0
Benzo(a)Anthracene	T149	10:1	0.01	µg/l	<0.01	<0.01	(13) <0.01	<0.01	(13,9) <1.0
Chrysene	T149	10:1	0.01	µg/l	<0.01	(13) <0.01	(13) <0.01	(13) <0.01	(9) <1.0
Benzo(b)fluoranthene	T149	10:1	0.01	µg/l	(13) <0.01	(13) <0.01	(13) <0.01	(13) <0.01	(9) <1.0
Benzo(k)fluoranthene	T149	10:1	0.01	µg/l	0.01	(13) <0.01	0.01	(13) <0.01	(9) <1.0
Benzo(a)Pyrene	T149	10:1	0.01	µg/l	0.01	0.01	0.01	<0.01	(13,9) <1.0
Indeno(123-cd)Pyrene	T149	10:1	0.01	µg/l	0.01	0.01	0.01	<0.01	(9) <1.0
Dibenzo(ah)Anthracene	T149	10:1	0.01	µg/l	<0.01	0.01	0.01	<0.01	(9) <1.0
Benzo(ghi)Perylene	T149	10:1	0.01	µg/l	0.01	0.01	0.01	<0.01	(13,9) <1.0
PAH(total)	T149	10:1	0.01	µg/l	0.22	0.13	0.24	0.11	(13) 100

SAL Reference: 558017									
Customer Reference: G15009									
Leachate				Analysed as Water					
PAH US EPA 16 (B and K split)									
SAL Reference				558017 027	558017 029	558017 032	558017 035	558017 038	
Customer Sample Reference				TP1020 1.2m	TP1021 1.4m	TP1024 0.4m	TP1026 0.7m	TP1031 1.6m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Naphthalene	T149	10:1	0.01	µg/l	(13) 0.08	7.9	(13) 0.10	(13) 0.04	(13) 0.05
Acenaphthylene	T149	10:1	0.01	µg/l	0.03	(13) 9.6	0.02	0.02	0.01
Acenaphthene	T149	10:1	0.01	µg/l	(13) 0.17	(13) 140	(13) 0.14	(13) 0.05	(13) 0.10
Fluorene	T149	10:1	0.01	µg/l	0.09	43	0.03	0.03	0.01
Phenanthrene	T149	10:1	0.01	µg/l	(13) 0.03	11	(13) 0.01	(13) 0.01	(13) 0.01
Anthracene	T149	10:1	0.01	µg/l	0.06	(13) 6.3	0.03	0.02	0.01
Fluoranthene	T149	10:1	0.01	µg/l	0.01	(9) <1.0	<0.01	<0.01	<0.01
Pyrene	T149	10:1	0.01	µg/l	(13) 0.01	(9,13) <1.0	(13) <0.01	(13) <0.01	(13) <0.01
Benzo(a)Anthracene	T149	10:1	0.01	µg/l	<0.01	(13,9) <1.0	<0.01	<0.01	<0.01
Chrysene	T149	10:1	0.01	µg/l	(13) <0.01	(9) <1.0	(13) <0.01	(13) <0.01	(13) <0.01
Benzo(b)fluoranthene	T149	10:1	0.01	µg/l	(13) 0.01	(9) <1.0	(13) <0.01	(13) <0.01	(13) <0.01
Benzo(k)fluoranthene	T149	10:1	0.01	µg/l	(13) <0.01	(9) <1.0	(13) <0.01	(13) <0.01	(13) <0.01
Benzo(a)Pyrene	T149	10:1	0.01	µg/l	0.01	(13,9) <1.0	<0.01	<0.01	0.01
Indeno(123-cd)Pyrene	T149	10:1	0.01	µg/l	0.01	(9) <1.0	<0.01	<0.01	0.01
Dibenzo(ah)Anthracene	T149	10:1	0.01	µg/l	<0.01	(9) <1.0	<0.01	<0.01	<0.01
Benzo(ghi)Perylene	T149	10:1	0.01	µg/l	0.01	(9,13) <1.0	<0.01	<0.01	<0.01
PAH(total)	T149	10:1	0.01	µg/l	0.52	(13) 210	0.33	0.17	0.21

SAL Reference: 558017 Customer Reference: G15009									
Soil Phenols (Speciated)					Analysed as Soil				
SAL Reference					558017 001	558017 002	558017 003	558017 004	558017 005
Customer Sample Reference					TP1104 1.0m	TP1103 1.3m	TP1102 0.75m	TP1105 1.3m	TP1105 2.9m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Xylenols	T17	AR	0.05	mg/kg	0.39	<0.05	<0.05	<0.05	<0.05
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Cresols	T17	AR	0.05	mg/kg	0.54	<0.05	<0.05	<0.05	<0.05
Catechol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Phenol	T17	AR	0.1	mg/kg	0.4	<0.1	<0.1	<0.1	<0.1
Total Phenols	T17	AR	0.1	mg/kg	1.3	<0.1	<0.1	<0.1	<0.1

SAL Reference: 558017 Customer Reference: G15009									
Soil Phenols (Speciated)					Analysed as Soil				
SAL Reference					558017 007	558017 008	558017 009	558017 010	558017 011
Customer Sample Reference					TP1006 1.1m	TP1006 2.8m	TP1101 1.0m	TP1101 2.5m	TP1008 1.0m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	AR	0.05	mg/kg	<0.05	(104) <0.50	<0.05	<0.05	<0.05
Xylenols	T17	AR	0.05	mg/kg	0.60	(104) <0.50	0.32	<0.05	<0.05
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10	(104) <0.50	(62) <0.10	(62) <0.10	(62) <0.10
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05	(104) <0.50	<0.05	<0.05	<0.05
Cresols	T17	AR	0.05	mg/kg	0.17	(104) <0.50	0.21	<0.05	<0.05
Catechol	T17	AR	0.05	mg/kg	<0.05	(104) <0.50	<0.05	<0.05	<0.05
Phenol	T17	AR	0.1	mg/kg	0.1	(104) <0.5	0.2	<0.1	<0.1
Total Phenols	T17	AR	0.1	mg/kg	0.9	(104) <0.5	0.7	<0.1	<0.1

SAL Reference: 558017 Customer Reference: G15009									
Soil Phenols (Speciated)					Analysed as Soil				
SAL Reference					558017 012	558017 013	558017 014	558017 015	558017 016
Customer Sample Reference					TP1009 0.7m	TP1009 1.9m	TP1010 1.0m	TP1011 1.9m	TP1012 2.0m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Xylenols	T17	AR	0.05	mg/kg	<0.05	<0.05	1.4	<0.05	<0.05
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Cresols	T17	AR	0.05	mg/kg	<0.05	<0.05	0.65	<0.05	<0.05
Catechol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Phenol	T17	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	T17	AR	0.1	mg/kg	<0.1	<0.1	2.1	<0.1	<0.1

SAL Reference: 558017									
Customer Reference: G15009									
Soil					Analysed as Soil				
Phenols (Speciated)									
SAL Reference					558017 020	558017 021	558017 023	558017 024	558017 025
Customer Sample Reference					TP1014 0.8m	TP1014 1.7m	TP1017 0.8m	TP1017 1.0m	TP1018 0.45m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Xylenols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Cresols	T17	AR	0.05	mg/kg	0.09	<0.05	<0.05	0.18	<0.05
Catechol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Phenol	T17	AR	0.1	mg/kg	0.1	<0.1	<0.1	0.4	<0.1
Total Phenols	T17	AR	0.1	mg/kg	0.2	<0.1	<0.1	0.6	<0.1

SAL Reference: 558017										
Customer Reference: G15009										
Soil				Analysed as Soil						
Phenols (Speciated)										
SAL Reference				558017 026	558017 027	558017 028	558017 029	558017 032		
Customer Sample Reference				TP1020 0.6m	TP1020 1.2m	TP1021 0.6m	TP1021 1.4m	TP1024 0.4m		
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating		
Determinand	Method	Test Sample	LOD	Units						
Naphthols	T17	AR	0.05	mg/kg	<0.05	<0.05	(104) <5.0	(104) <0.50	<0.05	
Xylenols	T17	AR	0.05	mg/kg	<0.05	<0.05	93	11	<0.05	
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10	(62) <0.10	(104) <5.0	(104) <0.50	(62) <0.10	
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05	<0.05	(104) <5.0	(104) <0.50	<0.05	
Cresols	T17	AR	0.05	mg/kg	<0.05	<0.05	9.9	0.36	<0.05	
Catechol	T17	AR	0.05	mg/kg	<0.05	<0.05	(104) <5.0	(104) <0.50	<0.05	
Phenol	T17	AR	0.1	mg/kg	<0.1	<0.1	4.3	2.0	<0.1	
Total Phenols	T17	AR	0.1	mg/kg	<0.1	<0.1	110	13	<0.1	

SAL Reference: 558017									
Customer Reference: G15009									
Soil					Analysed as Soil				
Phenols (Speciated)									
SAL Reference				558017 033	558017 034	558017 035	558017 038	558017 039	
Customer Sample Reference				TP1025 0.4m	TP1025 2.0m	TP1026 0.7m	TP1031 1.6m	TP1032 0.5m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Xylenols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10	(62) <0.10
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Cresols	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Catechol	T17	AR	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Phenol	T17	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	T17	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1

SAL Reference: 558017					
Customer Reference: G15009					
Soil		Analysed as Soil			
Phenols (Speciated)					
SAL Reference				558017 040	
Customer Sample Reference				TP1033 0.5m	
Date Sampled				Deviating	
Determinand	Method	Test Sample	LOD	Units	
Naphthols	T17	AR	0.05	mg/kg	<0.05
Xylenols	T17	AR	0.05	mg/kg	<0.05
Resorcinol	T17	AR	0.05	mg/kg	(62) <0.10
Trimethyl phenol	T17	AR	0.05	mg/kg	<0.05
Cresols	T17	AR	0.05	mg/kg	<0.05
Catechol	T17	AR	0.05	mg/kg	<0.05
Phenol	T17	AR	0.1	mg/kg	<0.1
Total Phenols	T17	AR	0.1	mg/kg	<0.1

SAL Reference: 558017									
Customer Reference: G15009									
Leachate			Analysed as Water						
Phenols (Speciated)									
SAL Reference				558017 002	558017 005	558017 006	558017 008	558017 016	
Customer Sample Reference				TP1103 1.3m	TP1105 2.9m	TP1005 0.8m	TP1006 2.8m	TP1012 2.0m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Xylenols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Resorcinol	T17	10:1	0.005	mg/l	(62) <0.010	(62) <0.010	(62) <0.010	(62) <0.010	(62) <0.010
Cresols	T17	10:1	0.005	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Catechol	T17	10:1	0.005	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Phenol	T17	10:1	0.005	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Total Phenols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Trimethyl phenols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 558017									
Customer Reference: G15009									
Leachate		Analysed as Water							
Phenols (Speciated)									
SAL Reference				558017 021	558017 024	558017 027	558017 029	558017 032	
Customer Sample Reference				TP1014 1.7m	TP1017 1.0m	TP1020 1.2m	TP1021 1.4m	TP1024 0.4m	
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating	
Determinand	Method	Test Sample	LOD	Units					
Naphthols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Xylenols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Resorcinol	T17	10:1	0.005	mg/l	(62) <0.010	(62) <0.010	(62) <0.010	(62) <0.010	(62) <0.010
Cresols	T17	10:1	0.005	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Catechol	T17	10:1	0.005	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Phenol	T17	10:1	0.005	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Total Phenols	T17	10:1	0.01	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Trimethyl phenols	T17	10:1	0.01	mol/l	<0.01	<0.01	<0.01	<0.01	<0.01

SAL Reference: 558017						
Customer Reference: G15009						
Leachate			Analysed as Water			
Phenols (Speciated)						
SAL Reference					558017 035	558017 038
Customer Sample Reference					TP1026 0.7m	TP1031 1.6m
Date Sampled					Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units		
Naphthols	T17	10:1	0.01	mg/l	<0.01	<0.01
Xylenols	T17	10:1	0.01	mg/l	<0.01	<0.01
Resorcinol	T17	10:1	0.005	mg/l	(62) <0.010	(62) <0.010
Cresols	T17	10:1	0.005	mg/l	<0.005	<0.005
Catechol	T17	10:1	0.005	mg/l	<0.005	<0.005
Phenol	T17	10:1	0.005	mg/l	<0.005	<0.005
Total Phenols	T17	10:1	0.01	mg/l	<0.01	<0.01
Trimethyl phenols	T17	10:1	0.01	mg/l	<0.01	<0.01

SAL Reference: 558017									
Customer Reference: G15009									
Soil					Analysed as Soil				
Semi-Volatile Organic Compounds (USEPA 625)(EK)									
SAL Reference					558017 007	558017 009	558017 010	558017 014	558017 015
Customer Sample Reference					TP1006 1.1m	TP1101 1.0m	TP1101 2.5m	TP1010 1.0m	TP1011 1.9m
Date Sampled					Deviating	Deviating	Deviating	Deviating	Deviating
Determinand	Method	Test Sample	LOD	Units					
Phenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	0.1	<0.1
Bis (2-chloroethyl) ether	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2-Chlorophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
1,3-Dichlorobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
1,4-Dichlorobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
1,2-Dichlorobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Bis (2-chloroisopropyl) ether	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2-methyl phenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
3/4-Methylphenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	0.2	<0.1
Hexachloroethane	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Nitrobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Isophorone	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2,4-Dimethylphenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	0.1	<0.1
Bis (2-chloroethoxy) methane	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2,4-Dichlorophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
1,2,4-Trichlorobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Naphthalene	T16	AR	0.1	mg/kg	3.6	13	0.1	<0.1	<0.1
4-Chloroaniline	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Hexachlorobutadiene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
4-Chloro-3-methylphenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2-Methylnaphthalene	T16	AR	0.1	mg/kg	0.6	8.1	<0.1	<0.1	<0.1
Hexachlorocyclopentadiene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2,4,6-Trichlorophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2,4,5-Trichlorophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2-Chloronaphthalene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2-Nitroaniline	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Dimethyl phthalate	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2,6-Dinitrotoluene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Acenaphthylene	T16	AR	0.1	mg/kg	3.5	2.7	<0.1	<0.1	<0.1
Acenaphthene	T16	AR	0.1	mg/kg	0.9	40	0.2	<0.1	<0.1
3-Nitroaniline	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Dibenzofuran	T16	AR	0.1	mg/kg	2.8	27	0.2	<0.1	<0.1
2,4-Dinitrotoluene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
2-Nitrophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Diethyl phthalate	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Fluorene	T16	AR	0.1	mg/kg	3.8	29	0.1	<0.1	<0.1
4-Chlorophenyl phenylether	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
4-Nitroaniline	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Azobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
4-Bromophenyl phenylether	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Hexachlorobenzene	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Pentachlorophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Phenanthrene	T16	AR	0.1	mg/kg	25	10	0.1	<0.1	<0.1
Anthracene	T16	AR	0.1	mg/kg	11	7.7	<0.1	<0.1	<0.1
Carbazole	T16	AR	0.1	mg/kg	0.9	1.5	<0.1	<0.1	<0.1
Di-n-butylphthalate	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Fluoranthene	T16	AR	0.1	mg/kg	29	17	0.1	0.2	<0.1
Pyrene	T16	AR	0.1	mg/kg	25	13	0.1	0.2	<0.1
Butyl benzylphthalate	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Benzo(a)Anthracene	T16	AR	0.1	mg/kg	14	5.9	<0.1	0.1	<0.1
Chrysene	T16	AR	0.1	mg/kg	13	5.9	<0.1	0.1	<0.1
Bis (2-ethylhexyl)phthalate	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Di-n-octylphthalate	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1
Benzo(b,k)Fluoranthene	T16	AR	0.1	mg/kg	15	6.3	<0.1	0.2	0.2
Benzo(a)Pyrene	T16	AR	0.1	mg/kg	7.5	3.4	<0.1	<0.1	0.1
Indeno(123-cd)Pyrene	T16	AR	0.1	mg/kg	3.1	2.1	<0.1	<0.1	<0.1
Dibenzo(ah)Anthracene	T16	AR	0.1	mg/kg	1.0	(9) <1.0	<0.1	<0.1	<0.1
Benzo(ghi)Perylene	T16	AR	0.1	mg/kg	3.0	2.2	<0.1	<0.1	<0.1
2,4-Dinitrophenol	T16	AR	0.1	mg/kg	(9) <0.5	(9) <1.0	<0.1	<0.1	<0.1

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SAL Reference: 557999							
Project Site: Monckton							
Customer Reference: G15009							
Water				Analysed as Water			
Miscellaneous							
SAL Reference				557999 001	557999 002	557999 003	
Customer Sample Reference				BH303	BH304	SP1	
Date Sampled				17-MAR-2016	17-MAR-2016	17-MAR-2016	
Determinand	Method	Test Sample	LOD	Units			
Alkalinity expressed as CaCO3	T22	AR	10	mg/l	-	-	(64) 30
Ammoniacal nitrogen	T686	F	0.05	mg/l	20	<0.05	13
Chloride	T686	F	1	mg/l	490	79	190
NO3 expressed as N	T686	F	0.5	mg/l	<0.5	16	-
B (Dissolved)	T373	AR	0.01	mg/l	-	-	0.17
Ca (Dissolved)	T373	AR	1	mg/l	-	-	200
Dissolved Mg	T285	AR	0.1	mg/l	-	-	48
Dissolved K	T285	AR	0.1	mg/l	31	16	15
Dissolved Na	T285	AR	0.05	mg/l	470	96	210
Sulphur (total)	T6	AR	50	mg/l	-	-	570
pH	T7	AR			-	-	7.6

SAL Reference: 557999 Project Site: Monckton Customer Reference: G15009 Water Analysed as Water BTEX					
SAL Reference				557999 003	
Customer Sample Reference				SP1	
Date Sampled				17-MAR-2016	
Determinand	Method	Test Sample	LOD	Units	
Benzene	T54	AR	1	µg/l	(9) <1
EthylBenzene	T54	AR	1	µg/l	<1
M/P Xylene	T54	AR	1	µg/l	<1
O Xylene	T54	AR	1	µg/l	<1
Toluene	T54	AR	1	µg/l	<1

SAL Reference: 557999 Project Site: Monckton Customer Reference: G15009					
Water Analysed as Water Heavy Metals(9)					
SAL Reference				557999 003	
Customer Sample Reference				SP1	
Date Sampled				17-MAR-2016	
Determinand	Method	Test Sample	LOD	Units	
As (Dissolved)	T281	AR	0.2	µg/l	1.0
Cd (Dissolved)	T281	AR	0.02	µg/l	0.58
Cr (Dissolved)	T281	AR	1	µg/l	6
Cu (Dissolved)	T281	AR	0.5	µg/l	8.1
Pb (Dissolved)	T281	AR	0.3	µg/l	7.1
Hg (Dissolved)	T281	AR	0.05	µg/l	<0.05
Ni (Dissolved)	T281	AR	1	µg/l	28
Se (Dissolved)	T281	AR	0.5	µg/l	12
Zn (Dissolved)	T281	AR	2	µg/l	30