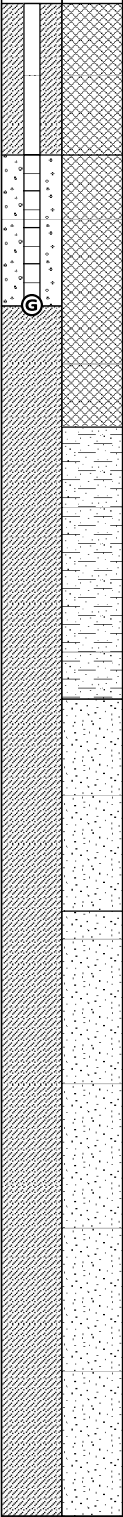
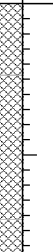


12-16 Yarm Road Stockton on Tees TS18 3NA 01642 607083 info@solmek.com				Cable Percussive Log						Scale 1:50 Sheet 1 of 2		CP01			
Contract no: M25-040				Site: Former Leisure Centre, Hinckley				Driller: L&A Drilling Ltd Plant used: Dando 2000 Started: 30/06/2025 Ended: 30/06/2025 Backfilled: 30/06/2025				GL (AOD): Easting: 442334 Northing: 293783 Logged: EC Status: FINAL			
Client: Green4Planning															
Method: Cable Percussive															
Backfill / Installation	Legend	Depth (m)	Level (m AOD)	Stratum Description				Samples and Insitu Testing							
								Depth (m)		Type	Results				
						1.00	MADE GROUND: Brown sandy gravel. Fine to coarse sand. Gravels fine to coarse angular to subangular brick, tile, concrete, and sandstone. Occasional plastic and wood present.				0.20 - 0.30	ES			
											1.00 - 1.40 1.20 - 1.65	B+ES SPT (C)			N=16 (3,3/4,3,4,5)
								2.00 - 2.45 2.00 - 2.45	SPT (C) B+ES	N=17 (2,3/4,5,4,4)					
						2.80	Stiff reddish brown slightly sandy gravelly high strength CLAY. Fine to coarse sand. Gravels fine to medium, angular to subangular sandstone and mudstone.				3.00 - 3.45 3.00 - 3.45	SPT (C) B + D	N=15 (2,3/3,4,4,4)		
												4.00 - 4.45 4.00 - 4.45	SPT (C) B + D	N=25 (3,4/6,6,7,6)	
						4.60	▼	Medium dense reddish brown fine to coarse SAND.				5.00 - 5.45 5.00 - 5.45	SPT (C) B + D	N=25 (2,3/4,6,7,8)	
						6.00	Dense reddish brown fine to coarse SAND.				6.00 - 6.45 6.00 - 6.45	SPT (C) B + D	N=31 (4,6/6,7,9,9)		

12-16 Yarm Road Stockton on Tees TS18 3NA 01642 607083 info@solmek.com SOLMEK		Cable Percussive Log						Scale 1:50 Sheet 2 of 2		CP01						
Contract no: M25-040		Site: Former Leisure Centre, Hinckley				Driller: L&A Drilling Ltd Plant used: Dando 2000 Started: 30/06/2025		GL (AOD): Easting: 442334 Northing: 293783 Logged: EC Status: FINAL								
Client: Green4Planning						Ended: 30/06/2025										
Method: Cable Percussive						Backfilled: 30/06/2025										
Backfill / Installation	Legend	Depth (m)	Level (m AOD)	Stratum Description	Samples and Insitu Testing											
					Depth (m)		Type	Results								
		10.50		Dense reddish brown fine to coarse SAND.	10.50 - 10.95 10.50 - 10.95	SPT (C) B + D	N=50+ (5,7/9,12,14,15)									
				Very dense reddish brown fine to coarse SAND.												
		11.90		Hard greyish brown slightly silty very high strength CLAY.	12.00 - 12.45 12.00 - 13.00	SPT (C) B + D	N=47 (4,5/10,9,13,15)									
					13.50 - 13.95 13.50 - 13.95 13.50 - 13.95	SPT (C) B + D U	N=31 (3,4/6,7,8,10) 80 blows [NR]									
		15.00			15.00 - 15.45 15.00 - 15.45	SPT (C) B + D	N=50+ (5,6/9,12,14,15)									
		16.10		Very dense grey silty fine to coarse SAND.	16.50 - 16.95 16.50 - 16.95	SPT (C) B + D	N=50+ (5,6/11,14,15,10)									
		16.60		Hard greyish brown slightly silty very high strength CLAY.												
					17.00 - 17.45	B + D										
					18.00 - 18.45	SPT (C)	N=50+ (4,7/10,12,16,12)									
					19.50 - 19.95	SPT (C)	N=50+ (7,8/12,10,14,14)									
		20.00		End of Borehole at 20.000m												
Hole Diameter		Casing Depths		General Remarks			Chiselling			Ground Water						
Depth Base (m)	Diameter (mm)	Depth Base (m)	Diameter (mm)	1.2m Hand excavated inspection pit dug. Groundwater encountered at 4.60m.			From (m)	To (m)	Time (hr)	Depth Strike (m)	Depth Casing (m)	Depth Sealed (m)	Time Elapsed (min)	Water Level (m)		
20.00	150	13.50	150							4.60	4.50	5.00	20	4.60		

12-16 Yarm Road Stockton on Tees TS18 3NA 01642 607083 info@solmek.com				Cable Percussive Log						Scale 1:50 Sheet 1 of 2				
Contract no: M25-040		Site: Former Leisure Centre, Hinckley				Driller: L&A Drilling Ltd Plant used: Dando 2000 Started: 01/07/2025		GL (AOD): Easting: 442361 Northing: 293800						
Client: Green4Planning						Ended: 01/07/2025		Logged: EC						
Method: Cable Percussive						Backfilled: 01/07/2025		Status: FINAL						
Backfill / Installation	Legend	Depth (m)	Level (m AOD)	Stratum Description	Samples and Insitu Testing									
					Depth (m)		Type	Results						
				MADE GROUND: Reddish brown sandy gravel. Fine to coarse sand. Gravels fine to coarse angular to subangular brick, concrete, tile, and sandstone. Frequent plastic and wood present.	0.20 - 0.30		B+ES							
				1.20 - 1.65 1.20 - 1.65		SPT (C) B+ES	N=21 (4,4/4,5,6,6)							
				2.00 - 2.45 2.00 - 2.50		SPT (C) B+ES	N=18 (3,4/5,4,5,4)							
				3.00 - 3.45		U	45 blows [450mm]							
				4.00 - 4.45 4.00 - 4.50		SPT (C) B + D	N=24 (3,3/5,6,6,7)							
				5.00 - 5.45 5.00 - 5.45		SPT (C) B + D	N=23 (2,4/5,5,6,7)							
				6.00 - 6.45 6.00 - 6.45		SPT (C) B + D	N=25 (3,4/4,6,7,8)							
				7.50 - 7.95 7.50 - 7.95		SPT (C) B + D	N=49 (6,9/9,11,14,15)							
				9.00 - 9.45 9.00 - 9.45		SPT (C) B + D	N=46 (4,8/9,10,13,14)							
Hole Diameter	Casing Depths			General Remarks			Chiselling			Ground Water				
Depth Base (m)	Diameter (mm)	Depth Base (m)	Diameter (mm)	1.2m Hand excavated inspection pit dug. Groundwater encountered at 4.60m.			From (m)	To (m)	Time (hr)	Depth Strike (m)	Depth Casing (m)	Depth Sealed (m)	Time Elapsed (min)	Water Level (m)
20.00	150	12.50	150							4.60	4.50	5.00	20	4.60

 12-16 Yarm Road Stockton on Tees TS18 3NA 01642 607083 info@solmek.com				Cable Percussive Log							Scale 1:50 Sheet 2 of 2		CP02	
Contract no: M25-040				Site: Former Leisure Centre, Hinckley				Driller: L&A Drilling Ltd				GL (AOD):		
Client: Green4Planning				Plant used: Dando 2000				Started: 01/07/2025				Easting: 442361		
Method: Cable Percussive				Ended: 01/07/2025				Backfilled: 01/07/2025				Northing: 293800		
Method: Cable Percussive				Backfilled: 01/07/2025				Status: FINAL						
Backfill / Installation	Legend	Depth (m)	Level (m AOD)	Stratum Description				Samples and Insitu Testing						
								Depth (m)		Type	Results			
		11.00		Very dense reddish brown fine to coarse sand.				10.50 - 10.95 10.50 - 10.95		SPT (C) B + D	N=49 (5,7/10,10,13,16)			
				Hard greyish brown slightly silty very high strength CLAY.				12.00 - 12.45 12.00 - 12.45 12.00 - 12.45		SPT (C) B + D U	N=46 (4,6/9,10,13,14) 90 blows [NR]			
								13.50 - 13.95 13.50 - 13.95		SPT (C) B + D	N=50+ (5,6/10,11,13,16)			
								15.00 - 15.45		SPT (C)	N=50+ (7,8/11,11,13,15)			
								16.50 - 16.95		SPT (C)	N=50+ (6,9/10,12,13,15)			
								18.00 - 18.45		SPT (C)	N=50+ (8,8/11,12,12,15)			
								19.50 - 19.95		SPT (C)	N=50+ (9,11/10,10,14,16)			

APPENDIX C

Certificate of Analysis

Certificate Number 25-15732

Issued: 21-Jul-25

Client SOLMEK
Unit 3
Prospect House
Chesterfield
S43 3QE

Our Reference 25-15732

Client Reference ~ M25-040

Order No ~ MID0708

Contract Title ~ Former Leisure Centre, Hinckley

Description 11 Soil samples.

Date Received 10-Jul-25

Date Started 10-Jul-25

Date Completed 21-Jul-25

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

A handwritten signature in black ink, appearing to read "Louise Cook".

Louise Cook
Contracts Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 25-15732

Client Ref ~ M25-040

Contract Title ~ Former Leisure Centre, Hinckley

	Deviating	Deviating	Deviating	Deviating	Deviating	Deviating	Deviating
Lab No	2536811	2536812	2536813	2536814	2536815	2536816	2536817
Sample ID ~	BH01	BH02	CP01	CP02	BH04	BH03	CP02
Depth ~	0.10-0.60	0.00-1.00	1.00-1.40	2.00-2.50	0.00-1.00	3.00-4.00	4.00-4.50
Other ID ~							
Sample Type ~	ES	ES	ES	ES	ES	ES	D
Sampling Date ~	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Metals										
Arsenic	DETSC 2301#	0.2	mg/kg	3.1	2.5	5.8	9.5	26	5.8	
Boron, Water Soluble (2.5:1)	DETSC 2311#	0.2	mg/kg	1.8	0.3	0.6	0.5	0.4	0.8	
Cadmium	DETSC 2301#	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1	0.1	0.1	
Chromium	DETSC 2301#	0.15	mg/kg	9.1	14	39	16	77	17	
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Copper	DETSC 2301#	0.2	mg/kg	6.2	5.5	16	34	40	18	
Lead	DETSC 2301#	0.3	mg/kg	11	5.0	11	44	14	8.2	
Mercury	DETSC 2325#	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Nickel	DETSC 2301#	1	mg/kg	5.6	8.6	25	23	42	19	
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Zinc	DETSC 2301#	1	mg/kg	17	18	53	51	79	41	
Inorganics										
pH	DETSC 2008#		pH	11.2	12.2	11.7	11.3	12.2	9.2	9.7
Cyanide, Free	DETSC 2130#	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	0.5	< 0.1	
Organic matter	DETSC 2002#	0.1	%	0.9	0.1	0.5	0.3	0.3	0.3	
Sulphate Aqueous Extract as SO ₄ (2:1)	DETSC 2076#	10	mg/l	270	43	170	180	60	64	66
Petroleum Hydrocarbons										
Aliphatic C5-C6: HS_1D_AL	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01				
Aliphatic C6-C8: HS_1D_AL	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01				
Aliphatic C8-C10: HS_1D_AL	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01				
Aliphatic >EC10-EC12: EH_2D_AL	DETSC 3521#	1.5	mg/kg	22.49	2.17	2.56				
Aliphatic >EC12-EC16: EH_2D_AL	DETSC 3521#	1.2	mg/kg	< 12.00	< 1.20	< 1.20				
Aliphatic >EC16-EC21: EH_2D_AL	DETSC 3521#	1.5	mg/kg	< 15.00	< 1.50	< 1.50				
Aliphatic >EC21-EC35: EH_2D_AL	DETSC 3521#	3.4	mg/kg	139.4	9.88	< 3.40				
Aliphatic >EC35-EC40: EH_2D_AL	DETSC 3521*	3.4	mg/kg	238.4	5.36	< 3.40				
Aliphatic C5-C40: EH_2D+HS_1D_AL	DETSC 3521*	10	mg/kg	429.6	17.41	< 10.00				
Aromatic C5-C7: HS_1D_AR	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01				
Aromatic C7-C8: HS_1D_AR	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01				
Aromatic C8-C10: HS_1D_AR	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01				
Aromatic >EC10-EC12: EH_2D_AR	DETSC 3521#	0.9	mg/kg	< 9.00	< 0.90	< 0.90				
Aromatic >EC12-EC16: EH_2D_AR	DETSC 3521#	0.5	mg/kg	< 5.00	< 0.50	< 0.50				
Aromatic >EC16-EC21: EH_2D_AR	DETSC 3521#	0.6	mg/kg	22.30	1.59	1.78				
Aromatic >EC21-EC35: EH_2D_AR	DETSC 3521#	1.4	mg/kg	87.61	9.53	< 1.40				
Aromatic >EC35-EC40: EH_2D_AR	DETSC 3521*	1.4	mg/kg	< 14.00	< 1.40	< 1.40				
Aromatic C5-C40: EH_2D+HS_1D_AR	DETSC 3521*	10	mg/kg	140.3	11.12	< 10.00				
TPH Ali/Aro C5-C40: EH_2D+HS_1D_Total	DETSC 3521*	10	mg/kg	569.9	28.52	< 10.00				
PAHs										
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Fluorene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	0.11	< 0.10	< 0.10	< 0.10	

Summary of Chemical Analysis Soil Samples

Our Ref 25-15732

Client Ref ~ M25-040

Contract Title ~ Former Leisure Centre, Hinckley

	Deviating	Deviating	Deviating	Deviating	Deviating	Deviating	Deviating
Lab No	2536811	2536812	2536813	2536814	2536815	2536816	2536817
Sample ID ~	BH01	BH02	CP01	CP02	BH04	BH03	CP02
Depth ~	0.10-0.60	0.00-1.00	1.00-1.40	2.00-2.50	0.00-1.00	3.00-4.00	4.00-4.50
Other ID ~							
Sample Type ~	ES	ES	ES	ES	ES	ES	D
Sampling Date ~	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Phenanthrene	DETSC 3301	0.1	mg/kg	0.21	< 0.10	0.41	0.35	< 0.10	< 0.10	
Anthracene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	0.23	0.13	< 0.10	< 0.10	
Fluoranthene	DETSC 3301	0.1	mg/kg	0.58	< 0.10	0.37	0.47	0.12	< 0.10	
Pyrene	DETSC 3301	0.1	mg/kg	0.80	< 0.10	0.30	0.48	< 0.10	< 0.10	
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	0.43	< 0.10	< 0.10	0.22	< 0.10	< 0.10	
Chrysene	DETSC 3301	0.1	mg/kg	0.30	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	0.37	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	0.11	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	0.64	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
PAH 16 Total	DETSC 3301	1.6	mg/kg	3.5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	
Phenols										
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	

Summary of Chemical Analysis

Soil Samples

Our Ref 25-15732

Client Ref ~ M25-040

Contract Title ~ Former Leisure Centre, Hinckley

	Deviating	Deviating	Deviating	Deviating
Lab No	2536818	2536819	2536820	2536821
Sample ID ~	CP01	BH01	BH03	BH02
Depth ~	12.00-13.00	3.20-4.00	1.00-2.00	1.40-2.00
Other ID ~				
Sample Type ~	D	D	D	D
Sampling Date ~	01/07/2025	01/07/2025	01/07/2025	01/07/2025
Sampling Time ~	n/s	n/s	n/s	n/s

Test	Method	LOD	Units				
Metals							
Arsenic	DETSC 2301#	0.2	mg/kg				
Boron, Water Soluble (2.5:1)	DETSC 2311#	0.2	mg/kg				
Cadmium	DETSC 2301#	0.1	mg/kg				
Chromium	DETSC 2301#	0.15	mg/kg				
Chromium, Hexavalent	DETSC 2204*	1	mg/kg				
Copper	DETSC 2301#	0.2	mg/kg				
Lead	DETSC 2301#	0.3	mg/kg				
Mercury	DETSC 2325#	0.05	mg/kg				
Nickel	DETSC 2301#	1	mg/kg				
Selenium	DETSC 2301#	0.5	mg/kg				
Zinc	DETSC 2301#	1	mg/kg				
Inorganics							
pH	DETSC 2008#		pH	8.5	9.4	8.7	9.8
Cyanide, Free	DETSC 2130#	0.1	mg/kg				
Organic matter	DETSC 2002#	0.1	%				
Sulphate Aqueous Extract as SO ₄ (2:1)	DETSC 2076#	10	mg/l	280	61	120	340
Petroleum Hydrocarbons							
Aliphatic C5-C6: HS_1D_AL	DETSC 3321*	0.01	mg/kg				
Aliphatic C6-C8: HS_1D_AL	DETSC 3321*	0.01	mg/kg				
Aliphatic C8-C10: HS_1D_AL	DETSC 3321*	0.01	mg/kg				
Aliphatic >EC10-EC12: EH_2D_AL	DETSC 3521#	1.5	mg/kg				
Aliphatic >EC12-EC16: EH_2D_AL	DETSC 3521#	1.2	mg/kg				
Aliphatic >EC16-EC21: EH_2D_AL	DETSC 3521#	1.5	mg/kg				
Aliphatic >EC21-EC35: EH_2D_AL	DETSC 3521#	3.4	mg/kg				
Aliphatic >EC35-EC40: EH_2D_AL	DETSC 3521*	3.4	mg/kg				
Aliphatic C5-C40: EH_2D+HS_1D_AL	DETSC 3521*	10	mg/kg				
Aromatic C5-C7: HS_1D_AR	DETSC 3321*	0.01	mg/kg				
Aromatic C7-C8: HS_1D_AR	DETSC 3321*	0.01	mg/kg				
Aromatic C8-C10: HS_1D_AR	DETSC 3321*	0.01	mg/kg				
Aromatic >EC10-EC12: EH_2D_AR	DETSC 3521#	0.9	mg/kg				
Aromatic >EC12-EC16: EH_2D_AR	DETSC 3521#	0.5	mg/kg				
Aromatic >EC16-EC21: EH_2D_AR	DETSC 3521#	0.6	mg/kg				
Aromatic >EC21-EC35: EH_2D_AR	DETSC 3521#	1.4	mg/kg				
Aromatic >EC35-EC40: EH_2D_AR	DETSC 3521*	1.4	mg/kg				
Aromatic C5-C40: EH_2D+HS_1D_AR	DETSC 3521*	10	mg/kg				
TPH Ali/Aro C5-C40: EH_2D+HS_1D_Total	DETSC 3521*	10	mg/kg				
PAHs							
Naphthalene	DETSC 3301	0.1	mg/kg				
Acenaphthylene	DETSC 3301	0.1	mg/kg				
Acenaphthene	DETSC 3301	0.1	mg/kg				
Fluorene	DETSC 3301	0.1	mg/kg				

Summary of Chemical Analysis Soil Samples

Our Ref 25-15732

Client Ref ~ M25-040

Contract Title ~ Former Leisure Centre, Hinckley

	Deviating	Deviating	Deviating	Deviating
Lab No	2536818	2536819	2536820	2536821
Sample ID ~	CP01	BH01	BH03	BH02
Depth ~	12.00-13.00	3.20-4.00	1.00-2.00	1.40-2.00
Other ID ~				
Sample Type ~	D	D	D	D
Sampling Date ~	01/07/2025	01/07/2025	01/07/2025	01/07/2025
Sampling Time ~	n/s	n/s	n/s	n/s

Test	Method	LOD	Units				
Phenanthrene	DETSC 3301	0.1	mg/kg				
Anthracene	DETSC 3301	0.1	mg/kg				
Fluoranthene	DETSC 3301	0.1	mg/kg				
Pyrene	DETSC 3301	0.1	mg/kg				
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg				
Chrysene	DETSC 3301	0.1	mg/kg				
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg				
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg				
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg				
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg				
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg				
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg				
PAH 16 Total	DETSC 3301	1.6	mg/kg				
Phenols							
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg				