

Solid Samples

Job No. 09-10247

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 22/12/2009



Determination	LOD	Units	Lab No.									
			Sample Date									
			Sample Id									
			Other ID									
Method	Depth (m)	0.4-0.6	0.38-0.85	0.2-0.3	0.7-1	0.4-0.6	WS20	CP1	CP2	CP2	CP2	CP2
Pyrene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Butyl Benzyl Phthalate	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Chrysene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Benzo(a)anthracene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Bis(2-ethylhexyl)phthalate	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Di-n-octylphthalate	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Benzo(b)fluoranthene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Benzo(k)fluoranthene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Benzo(a)pyrene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Indeno(1,2,3-c,d)pyrene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dibenzo(a,h)anthracene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Benzo(g,h,i)perylene	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
3+4-Chlorophenol	1.3	mg/kg	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Tin \$			< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Formaldehyde \$			See comment	See comment	See comment	See comment	See comment	See comment	See comment	See comment	See comment	See comment

Solid Samples

Job No. 09-10247

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 22/12/2009

Determination	Lab No.	120253	120255
		Sample Date	04/12/2009
		Sample Id	CP3A
		Other ID	
		Depth (m)	0-1
		Method	
Solid Description	101	clay with stones	clay
Moisture	0.1	%	18
pH		pH units	8.1
Cyanide, total, as CN	5	mg/kg	< 5.0
Cyanide, free, as CN	5	mg/kg	---
Cyanide, complex, as CN	5	mg/kg	---
Soil Organic Matter	0.2	%	---
Phenols, Monohydric, as PhOH	2.5	mg/kg	< 2.5
Selenium, total, as Se	0.3	mg/kg	< 0.3
Mercury, total, as Hg	0.2	mg/kg	< 0.2
Aluminium, total, as Al	20	mg/kg	22000
Arsenic, total, as As	2.5	mg/kg	< 2.5
Cadmium, total, as Cd	0.25	mg/kg	< 0.25
Chromium, total, as Cr	1	mg/kg	44
Copper, total, as Cu	2.5	mg/kg	35
Manganese, total, as Mn	2	mg/kg	310
Nickel, total, as Ni	2.5	mg/kg	41
Lead, total, as Pb	2.5	mg/kg	26
Zinc, total, as Zn	5	mg/kg	88
Naphthalene	0.1	mg/kg	< 0.1
Acenaphthylene	0.1	mg/kg	< 0.1
Acenaphthene	0.1	mg/kg	< 0.1
Fluorene	0.1	mg/kg	< 0.1
Phenanthrene	0.1	mg/kg	0.2
Anthracene	0.1	mg/kg	< 0.1
Fluoranthene	0.1	mg/kg	< 0.1

Solid Samples

Job No. 09-10247

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 22/12/2009

Determination	Lab No.		120253	120255
	Sample Date	04/12/2009	CP3A	CP3A
	Sample Id			
	Other ID			
	Depth (m)	0-1		5.5
Method				
LOD	Units			
Pyrene	0.1	mg/kg	408	< 0.1
Benzo(a)anthracene	0.1	mg/kg	408	< 0.1
Chrysene	0.1	mg/kg	408	0.1
Benzo(k)fluoranthene	0.1	mg/kg	408	< 0.1
Benzo(b)fluoranthene	0.1	mg/kg	408	0.1
Benzo(a)pyrene	0.1	mg/kg	408	< 0.1
Indeno(1,2,3-c,d)pyrene	0.1	mg/kg	408	< 0.1
Dibenzo(a,h)anthracene	0.1	mg/kg	408	< 0.1
Benzo(g,h,i)perylene	0.1	mg/kg	408	< 0.1
PAH Total (EPA 16)	1	mg/kg	408	< 1.0
Catechol	0.1	mg/kg	410	---
Naphthol	0.5	mg/kg	410	---
Phenol	0.1	mg/kg	410	---
Resorcinol	0.1	mg/kg	410	---
Total Cresols	0.5	mg/kg	410	---
Total Phenols	2	mg/kg	410	---
Total Xylenols	1	mg/kg	410	---
Trimethylphenol	0.5	mg/kg	410	---
Benzene	0.01	mg/kg	401	< 0.01
Ethylbenzene	0.01	mg/kg	401	< 0.01
m+p-Xylene	0.01	mg/kg	401	< 0.01
MTBE	0.01	mg/kg	401	< 0.01
o-Xylene	0.01	mg/kg	401	< 0.01
TAME	0.01	mg/kg	401	< 0.01
Toluene	0.01	mg/kg	401	< 0.01
PRO (>C5-C6)	10	mg/kg	401	< 10

Accreditation: * ISO17025, M MCerts, \$ Subcontracted

Solid Samples

Job No. 09-10247
Site: Ferodo, Hayfield Road, Chapel en le Frith
Report Date: 22/12/2009

Determination	LOD	Units	Lab No.		120253	120255
			Sample Date	04/12/2009	04/12/2009	
			Sample Id	CP3A	CP3A	
			Other ID			
			Depth (m)	0-1	5.5	
Method						
PRO (>C6-C8)	10	mg/kg	401	< 10	< 10	
PRO (>C8-C10)	10	mg/kg	401	< 10	< 10	
PRO (>C5-C10)	30	mg/kg	401	< 30	< 30	
PRO (>C6-C10)	20	mg/kg	401	< 20	< 20	
Aliphatic (>C5-C6)	0.2	mg/kg	401	< 0.2	< 0.2	
Aliphatic (>C6-C8)	0.2	mg/kg	401	< 0.2	< 0.2	
Aliphatic (>C8-C10)	0.2	mg/kg	401	< 0.2	< 0.2	
Aliphatic (>C10-C12)	2	mg/kg	419	< 2.0	< 2.0	
Aliphatic (>C12-C16)	2	mg/kg	419	< 2.0	< 2.0	
Aliphatic (>C16-C21)	5	mg/kg	419	< 5.0	< 5.0	
Aliphatic (>C21-C35)	5	mg/kg	419	8.0	< 5.0	
Aliphatic (>C35-C40)	2	mg/kg	419	4.0	< 2.0	
Aliphatic (>C40-C44)	2	mg/kg	419	2.2	< 2.0	
Total Aliphatics (>C6-C44)	20	mg/kg	419	< 20	< 20	
Aromatic (>C6-C7)	0.01	mg/kg	401	< 0.01	< 0.01	
Aromatic (>C7-C8)	0.01	mg/kg	401	< 0.01	< 0.01	
Aromatic (>C8-C10)	0.01	mg/kg	401	< 0.01	< 0.01	
Aromatic (>C10-C12)	2	mg/kg	419	< 2.0	< 2.0	
Aromatic (>C12-C16)	2	mg/kg	419	< 2.0	< 2.0	
Aromatic (>C16-C21)	5	mg/kg	419	< 5.0	< 5.0	
Aromatic (>C21-C35)	5	mg/kg	419	< 5.0	< 5.0	
Aromatic (>C35-C40)	2	mg/kg	419	< 2.0	< 2.0	
Aromatic (>C40-C44)	2	mg/kg	419	< 2.0	< 2.0	
Total Aromatics (>C6-C44)	20	mg/kg	419	< 20	< 20	
Total TPH (>C6-C44)	40	mg/kg	419	< 40	< 40	
Dichlorodifluoromethane	0.01	mg/kg	421 M*	< 0.01	---	

Solid Samples

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Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 22/12/2009

Determination	LOD	Units	Lab No.	120253	120255
			Sample Date	04/12/2009	04/12/2009
			Sample Id	CP3A	CP3A
			Other ID		
			Depth (m)	0-1	5.5
			Method		
Chloromethane	0.01	mg/kg	421 M*	< 0.01	---
Chloroethane	0.01	mg/kg	421 M*	< 0.01	---
Bromomethane	0.01	mg/kg	421 M*	< 0.01	---
Trichlorofluoromethane	0.01	mg/kg	421	< 0.01	---
1,1-Dichloroethene	0.01	mg/kg	421 M*	< 0.01	---
MTBE	0.01	mg/kg	421 M*	< 0.01	---
Trans-1,2-Dichloroethene	0.01	mg/kg	421 M*	< 0.01	---
1,1-Dichloroethane	0.01	mg/kg	421 M*	< 0.01	---
Cis-1,2-Dichloroethene	0.01	mg/kg	421 M*	< 0.01	---
2,2-Dichloropropane	0.01	mg/kg	421 M*	< 0.01	---
Chloroform	0.01	mg/kg	421 M*	< 0.01	---
Bromochloromethane	0.01	mg/kg	421 M*	< 0.01	---
1,1,1-Trichloroethane	0.01	mg/kg	421 M*	< 0.01	---
1,1-Dichloropropene	0.01	mg/kg	421 M*	< 0.01	---
1,2-Dichloroethane	0.01	mg/kg	421 M*	< 0.01	---
Benzene	0.01	mg/kg	421 M*	< 0.01	---
1,2-Dichloropropane	0.01	mg/kg	421 M*	< 0.01	---
Trichloroethene	0.01	mg/kg	421 M*	< 0.01	---
Bromodichloromethane	0.01	mg/kg	421 M*	0.02	---
Dibromomethane	0.01	mg/kg	421 M*	< 0.01	---
TAME	0.01	mg/kg	421 M*	< 0.01	---
Cis-1,3-Dichloropropene	0.01	mg/kg	421 M*	< 0.01	---
Toluene	0.01	mg/kg	421 M*	< 0.01	---
Trans-1,3-Dichloropropene	0.01	mg/kg	421 M*	< 0.01	---
1,1,2-Trichloroethane	0.01	mg/kg	421 M*	< 0.01	---
Carbon Tetrachloride	0.01	mg/kg	421 M*	< 0.01	---

Accreditation: * ISO17025, M MCerts, \$ Subcontracted

Solid Samples

Job No. 09-10247

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 22/12/2009

Determination	LOD	Units	Lab No.		120253		120255	
			Sample Date		04/12/2009		04/12/2009	
			Sample Id		CP3A		CP3A	
			Other ID					
			Depth (m)		0-1		5.5	
			Method					
Vinyl Chloride	0.01	mg/kg	421 M*	< 0.01		---		
1,3-Dichloropropane	0.01	mg/kg	421 M*	< 0.01		---		
Tetrachloroethene	0.01	mg/kg	421 M*	< 0.01		---		
Dibromochloromethane	0.01	mg/kg	421 M*	< 0.01		---		
1,2-Dibromoethane	0.01	mg/kg	421 M*	< 0.01		---		
Chlorobenzene	0.01	mg/kg	421 M*	< 0.01		---		
1,1,1,2-Tetrachloroethane	0.01	mg/kg	421	< 0.01		---		
Ethylbenzene	0.01	mg/kg	421 M*	< 0.01		---		
m,p-Xylene	0.01	mg/kg	421 M*	< 0.01		---		
o-Xylene	0.01	mg/kg	421 M*	< 0.01		---		
Styrene	0.01	mg/kg	421 M*	< 0.01		---		
Bromoform	0.01	mg/kg	421 M*	< 0.01		---		
Isopropylbenzene	0.01	mg/kg	421 M*	< 0.01		---		
1,1,2,2-Tetrachloroethane	0.01	mg/kg	421 M*	< 0.01		---		
1,2,3-Trichloropropane	0.01	mg/kg	421 M*	< 0.01		---		
n-Propylbenzene	0.01	mg/kg	421 M*	< 0.01		---		
Bromobenzene	0.01	mg/kg	421 M*	< 0.01		---		
2-Chlorotoluene	0.01	mg/kg	421 M*	< 0.01		---		
1,3,5-Trimethylbenzene	0.01	mg/kg	421 *	< 0.01		---		
4-Chlorotoluene	0.01	mg/kg	421 M*	< 0.01		---		
Tert-Butylbenzene	0.01	mg/kg	421 *	< 0.01		---		
1,2,4-Trimethylbenzene	0.01	mg/kg	421 M*	< 0.01		---		
sec-Butylbenzene	0.01	mg/kg	421 *	< 0.01		---		
p-Isopropyltoluene	0.01	mg/kg	421 *	< 0.01		---		
1,3-Dichlorobenzene	0.01	mg/kg	421 *	< 0.01		---		
1,4-Dichlorobenzene	0.01	mg/kg	421 M*	< 0.01		---		

Solid Samples

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Report Date: 22/12/2009

Determination	LOD	Units	Lab No.		120253		120255	
			Sample Date		04/12/2009		04/12/2009	
			Sample Id		CP3A		CP3A	
			Other ID					
			Depth (m)		0-1		5.5	
Method								
n-Butylbenzene	0.01	mg/kg	421 *	< 0.01				---
1,2-Dichlorobenzene	0.01	mg/kg	421 M*	< 0.01				---
1,2-Dibromo-3-Chloropropane	0.01	mg/kg	421 M*	< 0.01				---
1,2,4-Trichlorobenzene	0.01	mg/kg	421	< 0.01				---
Hexachlorobutadiene	0.01	mg/kg	421	< 0.01				---
Naphthalene	0.01	mg/kg	421	< 0.01				---
1,2,3-Trichlorobenzene	0.01	mg/kg	421	< 0.01				---
Dichloromethane	0.01	mg/kg	421	< 0.01				---
Phenol	0.04	mg/kg	421	< 0.04				---
Bis(2-chloroethyl)ether	1.3	mg/kg	208	< 1.3				---
2-Chlorophenol	1.3	mg/kg	208	< 1.3				---
1,3-Dichlorobenzene	1.3	mg/kg	208	< 1.3				---
1,4-Dichlorobenzene	1.3	mg/kg	208	< 1.3				---
1,2-Dichlorobenzene	1.3	mg/kg	208	< 1.3				---
2-Methylphenol	1.3	mg/kg	208	< 1.3				---
Bis(2-chloroisopropyl)ether	1.3	mg/kg	208	< 1.3				---
3+4-methylphenol	1.3	mg/kg	208	< 1.3				---
N-Nitroso-di-N-propylamine	1.3	mg/kg	208	< 1.3				---
Hexachloroethane	1.3	mg/kg	208	< 1.3				---
Nitrobenzene	1.3	mg/kg	208	< 1.3				---
Isophorone	1.3	mg/kg	208	< 1.3				---
2-Nitrophenol	1.3	mg/kg	208	< 1.3				---
2,4-Dimethylphenol	1.3	mg/kg	208	< 1.3				---
Bis(2-chloroethoxy)methane	1.3	mg/kg	208	< 1.3				---
2,4-Dichlorophenol	1.3	mg/kg	208	< 1.3				---
1,2,4-Trichlorobenzene	1.3	mg/kg	208	< 1.3				---

Accreditation: * ISO17025, M MCerts, \$ Subcontracted

Solid Samples

Job No. 09-10247
 Site: Ferodo, Hayfield Road, Chapel en le Frith
 Report Date: 22/12/2009

Determination	Lab No.		120253	120255	
	Sample Date	04/12/2009	CP3A	CP3A	
	Sample Id	CP3A			
	Other ID				
	Depth (m)	0-1		5.5	
	Method				
	Units				
Naphthalene	1.3	mg/kg	208	< 1.3	---
Hexachlorobutadiene	1.3	mg/kg	208	< 1.3	---
4-Chloro-3-methylphenol	1.3	mg/kg	208	< 1.3	---
2-Methylnaphthalene	1.3	mg/kg	208	< 1.3	---
2,4,5-Trichlorophenol	1.3	mg/kg	208	< 1.3	---
2,4,6-Trichlorophenol	1.3	mg/kg	208	< 1.3	---
2-Chloronaphthalene	1.3	mg/kg	208	< 1.3	---
Dimethyl phthalate	1.3	mg/kg	208	< 1.3	---
2,6-Dinitrotoluene	1.3	mg/kg	208	< 1.3	---
Acenaphthylene	1.3	mg/kg	208	< 1.3	---
Acenaphthene	1.3	mg/kg	208	< 1.3	---
4-Nitrophenol	1.3	mg/kg	208	< 1.3	---
2,4-Dinitrotoluene	1.3	mg/kg	208	< 1.3	---
Dibenzofuran	1.3	mg/kg	208	< 1.3	---
Diethyl Phthalate	1.3	mg/kg	208	< 1.3	---
4-Chlorophenyl phenyl ether	1.3	mg/kg	208	< 1.3	---
Fluorene	1.3	mg/kg	208	< 1.3	---
Diphenylamine	1.3	mg/kg	208	< 1.3	---
4-Bromophenyl phenyl ether	1.3	mg/kg	208	< 1.3	---
Hexachlorobenzene	1.3	mg/kg	208	< 1.3	---
Pentachlorophenol	1.3	mg/kg	208	< 1.3	---
Phenanthrene	1.3	mg/kg	208	< 1.3	---
Anthracene	1.3	mg/kg	208	< 1.3	---
Carbazole	1.3	mg/kg	208	< 1.3	---
Di-N-butyl phthalate	1.3	mg/kg	208	< 1.3	---
Fluoranthene	1.3	mg/kg	208	< 1.3	---

Solid Samples

Job No. 09-10247

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 22/12/2009

Determination	LOD		Units	Lab No.	120253	120255	
				Sample Date	04/12/2009	04/12/2009	
				Sample Id	CP3A	CP3A	
				Other ID			
				Depth (m)	0-1	5.5	
Determination				Method			
Pyrene	1.3	mg/kg	208		< 1.3	----	
Butyl Benzyl Phthalate	1.3	mg/kg	208		< 1.3	----	
Chrysene	1.3	mg/kg	208		< 1.3	----	
Benzo(a)anthracene	1.3	mg/kg	208		< 1.3	----	
Bis(2-ethylhexyl)phthalate	1.3	mg/kg	208		< 1.3	----	
Di-n-octylphthalate	1.3	mg/kg	208		< 1.3	----	
Benzo(b)fluoranthene	1.3	mg/kg	208		< 1.3	----	
Benzo(k)fluoranthene	1.3	mg/kg	208		< 1.3	----	
Benzo(a)pyrene	1.3	mg/kg	208		< 1.3	----	
Indeno(1,2,3-c,d)pyrene	1.3	mg/kg	208		< 1.3	----	
Dibenzo(a,h)anthracene	1.3	mg/kg	208		< 1.3	----	
Benzo(g,h,i)perylene	1.3	mg/kg	208		< 1.3	----	
3+4-Chlorophenol	1.3	mg/kg	208		< 1.3	----	
Tin \$				SUBCON \$	< 5.00	< 5.00	
Formaldehyde \$				SUBCON \$	See comment	----	

WSP Environmental Manchester
The Victoria
150-182 The Quays
Salford
Manchester
UK
M50 3SP



Certificate of Analysis

Job Number 10-10702

Report Date	19 January 2010
Project Number	12121856 001
Customer	Federal Mogul Corporation
Site Address	Ferodo, Hayfield Road, Chapel en le Frith
Date of Sampling	19 December 2009
Date of Analysis	3 December 2009 - 19 January 2010

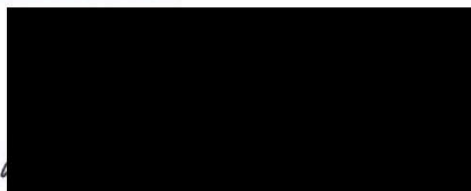
Dear Richard

Please find attached your results for the above project.

This report includes the samples we received at WSP Environmental Laboratories on 03/12/2009.

Your feedback is critical to the evolution and improvement of our business, so please feel free to email us your comments to: ideas_lab@wspgroup.com.

Results authorised by



Joanne O'Sullivan
Analytical Laboratory Manager



Chemical Analysis is undertaken in accordance with in-house technical procedures and is subject to quality control procedures. Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.

WSP Environmental Laboratories
The Laboratory, 4/5 Lakeview, Lakeview Drive, Sherwood Park, Nottingham, NG15 0ED, UK.

Water Samples

Job No. 10-10702

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 19/01/2010



			Lab No.	125312
			Sample Date	19/12/2009
			Sample Id	WS18
			Other ID	
			Depth (m)	0
Determination	LOD	Units	Method	
pH		pH units	305 *	8.2
Sulphate, soluble, as SO ₄	2000	µg/l	518 *	100000
Aluminium, soluble, as Al	20	µg/l	506 *	< 20
Arsenic, soluble, as As	10	µg/l	506 *	< 10
Cadmium, soluble, as Cd	0.5	µg/l	506 *	1.1
Chromium, soluble, as Cr	10	µg/l	506 *	< 10
Copper, soluble, as Cu	5	µg/l	506 *	< 5.0
Lead, soluble, as Pb	10	µg/l	506 *	< 10
Manganese, soluble, as Mn	100	µg/l	506 *	1400
Mercury, soluble, as Hg	0.2	µg/l	505 *	< 0.2
Nickel, soluble, as Ni	10	µg/l	506 *	< 10
Selenium, soluble, as Se	0.5	µg/l	512 *	< 0.5
Zinc, soluble, as Zn	10	µg/l	506 *	18
Cyanide (Total)	0.005	mg/l	301	< 0.005
PRO (>C5-C6)	10	µg/l	501	< 10.0
PRO (>C6-C8)	10	µg/l	501	< 10.0
PRO (>C8-C10)	10	µg/l	501	< 10.0
Total PRO (>C5-C10)	30	µg/l	501	< 30
Total PRO (>C6-C10)	20	µg/l	501	< 20
Benzene	3	µg/l	501	< 3.0
Toluene	3	µg/l	501	< 3.0
Ethylbenzene	3	µg/l	501	< 3.0
o-Xylene	3	µg/l	501	< 3.0
m+p-Xylene	3	µg/l	501	< 3.0
MTBE	3	µg/l	501	< 3.0
TAME	3	µg/l	501	< 3.0
Phenol	5	µg/l	510	< 5.0
Catechol	5	µg/l	510	< 5.0
Resorcinol	5	µg/l	510	< 5.0
Total Cresols	5	µg/l	510	< 5.0
Total Xylenols	10	µg/l	510	< 10
Naphthol	5	µg/l	510	< 5.0
Trimethylphenol	5	µg/l	510	< 5.0
Total Phenols	50	µg/l	510	< 50
Aliphatic (>C6-C8)	10	µg/l	501	< 10.0
Aliphatic (>C8-C10)	10	µg/l	501	< 10.0
Aliphatic (>C10-C12)	15	µg/l	519	< 15
Aliphatic (>C12-C16)	10	µg/l	519	< 10
Aliphatic (>C16-C21)	15	µg/l	519	< 15
Aliphatic (>C21-C35)	25	µg/l	519	< 25
Aliphatic (>C35-C40)	10	µg/l	519	< 10
Aliphatic (>C40-C44)	10	µg/l	519	< 10
Aliphatic Total (>C6-C44)	105	µg/l	519	< 110
Aromatic (>C6-C7)	10	µg/l	501	< 10.0
Aromatic (>C7-C8)	10	µg/l	501	< 10.0
Aromatic (>C8-C10)	10	µg/l	501	< 10.0

Water Samples

Job No. 10-10702

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 19/01/2010

			Lab No.	125312
			Sample Date	19/12/2009
			Sample Id	WS18
			Other ID	
			Depth (m)	0
Determination	LOD	Units	Method	
Aromatic (>C10-C12)	10	µg/l	519	< 10
Aromatic (>C12-C16)	10	µg/l	519	39
Aromatic (>C16-C21)	10	µg/l	519	34
Aromatic (>C21-C35)	15	µg/l	519	< 15
Aromatic (>C35-C40)	10	µg/l	519	< 10
Aromatic (>C40-C44)	10	µg/l	519	< 10
Aromatic Total (>C6-C44)	95	µg/l	519	110
Dichlorodifluoromethane	3	µg/l	521 *	< 3.0
Chloromethane	3	µg/l	521 *	< 3.0
Chloroethane	3	µg/l	521 *	< 3.0
Bromomethane	3	µg/l	521 *	< 3.0
Trichlorofluoromethane	3	µg/l	521 *	< 3.0
1,1-Dichloroethene	3	µg/l	521 *	< 3.0
Dichloromethane	10	µg/l	521	< 10.0
MTBE	3	µg/l	521 *	< 3.0
Trans-1,2-Dichloroethene	3	µg/l	521 *	< 3.0
1,1-Dichloroethane	3	µg/l	521 *	< 3.0
Cis-1,2-Dichloroethene	3	µg/l	521 *	< 3.0
2,2-Dichloropropane	3	µg/l	521 *	< 3.0
Chloroform	3	µg/l	521 *	< 3.0
Bromochloromethane	3	µg/l	521 *	< 3.0
1,1,1-Trichloroethane	3	µg/l	521 *	< 3.0
1,1-Dichloropropene	3	µg/l	521 *	< 3.0
1,2-Dichloroethane	3	µg/l	521 *	< 3.0
Benzene	1	µg/l	521 *	< 1.0
1,2-Dichloropropane	3	µg/l	521 *	< 3.0
Trichloroethene	3	µg/l	521 *	< 3.0
Bromodichloromethane	3	µg/l	521 *	< 3.0
Dibromomethane	3	µg/l	521 *	< 3.0
TAME	3	µg/l	521 *	< 3.0
Cis-1,3-Dichloropropene	3	µg/l	521 *	< 3.0
Toluene	3	µg/l	521 *	< 3.0
Trans-1,3-Dichloropropene	3	µg/l	521 *	< 3.0
1,1,2-Trichloroethane	3	µg/l	521 *	< 3.0
Carbon Tetrachloride	3	µg/l	521 *	< 3.0
Vinyl Chloride	1	µg/l	521 *	< 1.0
1,3-Dichloropropane	3	µg/l	521 *	< 3.0
Tetrachloroethene	3	µg/l	521 *	< 3.0
Dibromochloromethane	3	µg/l	521 *	< 3.0
1,2-Dibromoethane	3	µg/l	521 *	< 3.0
Chlorobenzene	3	µg/l	521 *	< 3.0
1,1,1,2-Tetrachloroethane	3	µg/l	521	< 3.0
Ethylbenzene	3	µg/l	521 *	< 3.0
m+p-Xylene	2	µg/l	521 *	< 3.0
o-Xylene	1	µg/l	521 *	< 3.0
Styrene	3	µg/l	521 *	< 3.0

Water Samples

Job No. 10-10702

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 19/01/2010



			Lab No.	125312
			Sample Date	19/12/2009
			Sample Id	WS18
			Other ID	
			Depth (m)	0
Determination	LOD	Units	Method	
Bromoform	3	µg/l	521 *	< 3.0
Isopropylbenzene	3	µg/l	521 *	< 3.0
1,1,2,2-Tetrachloroethane	3	µg/l	521 *	< 3.0
1,2,3-Trichloropropane	3	µg/l	521 *	< 3.0
n-Propylbenzene	3	µg/l	521 *	< 3.0
Bromobenzene	3	µg/l	521 *	< 3.0
2-Chlorotoluene	3	µg/l	521 *	< 3.0
1,3,5-Trimethylbenzene	3	µg/l	521 *	< 3.0
4-Chlorotoluene	3	µg/l	521 *	< 3.0
Tert-Butylbenzene	3	µg/l	521 *	< 3.0
1,2,4-Trimethylbenzene	3	µg/l	521 *	< 3.0
sec-Butylbenzene	3	µg/l	521 *	< 3.0
p-Isopropyltoluene	3	µg/l	521 *	< 3.0
1,3-Dichlorobenzene	3	µg/l	521 *	< 3.0
1,4-Dichlorobenzene	3	µg/l	521 *	< 3.0
n-Butylbenzene	3	µg/l	521 *	< 3.0
1,2-Dichlorobenzene	3	µg/l	521 *	< 3.0
1,2-Dibromo-3-Chloropropane	3	µg/l	521 *	< 3.0
1,2,4-Trichlorobenzene	3	µg/l	521 *	< 3.0
Hexachlorobutadiene	3	µg/l	521 *	< 3.0
Naphthalene	3	µg/l	521 *	< 3.0
1,2,3-Trichlorobenzene	3	µg/l	521 *	< 3.0
Phenol	4	µg/l	308	< 4.0
Bis(2-chloroethyl)ether	4	µg/l	308	< 4.0
2-Chlorophenol	4	µg/l	308	< 4.0
1,3-Dichlorobenzene	4	µg/l	308	< 4.0
1,4-Dichlorobenzene	4	µg/l	308	< 4.0
1,2-Dichlorobenzene	4	µg/l	308	< 4.0
2-Methylphenol	4	µg/l	308	< 4.0
Bis(2-chloroisopropyl)ether	4	µg/l	308	< 4.0
3+4-Methylphenol	4	µg/l	308	< 4.0
N-Nitroso-di-N-propylamine	4	µg/l	308	< 4.0
Hexachloroethane	4	µg/l	308	< 4.0
Nitrobenzene	4	µg/l	308	< 4.0
Isophorone	4	µg/l	308	< 4.0
2-Nitrophenol	4	µg/l	308	< 4.0
2,4-Dimethylphenol	4	µg/l	308	< 4.0
Bis(2-chloroethoxy)methane	4	µg/l	308	< 4.0
2,4-Dichlorophenol	4	µg/l	308	< 4.0
1,2,4-Trichlorobenzene	4	µg/l	308	< 4.0
Naphthalene	4	µg/l	308	< 4.0
Hexachlorobutadiene	4	µg/l	308	< 4.0
4-Chloro-3-methylphenol	4	µg/l	308	< 4.0
2-Methylnaphthalene	4	µg/l	308	< 4.0
2,4,5-Trichlorophenol	4	µg/l	308	< 4.0
2,4,6-Trichlorophenol	4	µg/l	308	< 4.0

Water Samples

Job No. 10-10702

Site: Ferodo, Hayfield Road, Chapel en le Frith

Report Date: 19/01/2010



			Lab No.	125312
			Sample Date	19/12/2009
			Sample Id	WS18
			Other ID	
			Depth (m)	0
Determination	LOD	Units	Method	
2-Chloronaphthalene	4	µg/l	308	< 4.0
Dimethyl phthalate	4	µg/l	308	< 4.0
2,6-Dinitrotoluene	4	µg/l	308	< 4.0
Acenaphthylene	4	µg/l	308	< 4.0
Acenaphthene	4	µg/l	308	< 4.0
4-Nitrophenol	4	µg/l	308	< 4.0
2,4-Dinitrotoluene	4	µg/l	308	< 4.0
Dibenzofuran	4	µg/l	308	< 4.0
Diethyl Phthalate	4	µg/l	308	< 4.0
4-Chlorophenyl phenyl ether	4	µg/l	308	< 4.0
Fluorene	4	µg/l	308	< 4.0
Diphenylamine	4	µg/l	308	< 4.0
4-Bromophenyl phenyl ether	4	µg/l	308	< 4.0
Hexachlorobenzene	4	µg/l	308	< 4.0
Pentachlorophenol	4	µg/l	308	< 4.0
Phenanthrene	4	µg/l	308	< 4.0
Anthracene	4	µg/l	308	< 4.0
Carbazole	4	µg/l	308	< 4.0
Di-N-butyl phthalate	4	µg/l	308	< 4.0
Fluoranthene	4	µg/l	308	< 4.0
Pyrene	4	µg/l	308	< 4.0
Butyl Benzyl Phthalate	4	µg/l	308	< 4.0
Chrysene	4	µg/l	308	< 4.0
Benzo(a)anthracene	4	µg/l	308	< 4.0
Bis(2-ethylhexyl)phthalate	4	µg/l	308	< 4.0
Di-n-octylphthalate	4	µg/l	308	< 4.0
Benzo(b)fluoranthene	4	µg/l	308	< 4.0
Benzo(k)fluoranthene	4	µg/l	308	< 4.0
Benzo(a)pyrene	4	µg/l	308	< 4.0
Indeno(1,2,3-c,d)pyrene	4	µg/l	308	< 4.0
Dibenzo(a,h)anthracene	4	µg/l	308	< 4.0
Benzo(g,h,i)perylene	4	µg/l	308	< 4.0
3+4-Chlorophenol	4	µg/l	308	< 4.0
Formaldehyde \$			SUBCON \$	< 1.00



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WSP
The Laboratory
4/5 Lakeview, Lakeview Drive,
Sherwood Park,
Nottingham NG15 0ED

FAO James Worthington
21 December 2009

Dear James Worthington

Test Report Number 110108
Your Project Reference 09-10247 - Ferodo - 12121856-001

Please find enclosed the results of analysis for the samples received 17 December 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely



Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☒ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

Notes to accompany report:

- The sign < means 'less than'
- Tests marked N do not currently hold accreditation
- Test marked S were subcontracted to an approved laboratory
- ne means 'not evaluated'
- i/s means 'insufficient sample'
- u/s means 'unsuitable sample'
- The results relate only to the items tested

Test Report 110108 Cover Sheet

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Appendix G Monitoring Results