



ALcontrol Laboratories

Rotherham Laboratory : Templeborough House, Mill Close, Rotherham. S60 1BZ.
 Bellshill Laboratory : 2 Mallard Way, Strathclyde Business Park, Bellshill. ML4 3BF.
 Bradford Laboratory : George Street, Bradford. BD1 5AU.
 Telephone: 01709 841096 Fax: 01709 841079 E-mail : customer.services@alcontrol.co.uk

(UKAS Lab No. 0995/2300)
 (UKAS Lab No. 0995)
 (UKAS Lab No. 0996)

Certificate of Analysis

Sample Received : 02/07/2007
 Analysis Completed : 26/07/2007
 Site Name : None Supplied

Your PO No : ITI-EN01

Comocri Ltd
 Innovation Technology Centre
 Brunel Way
 Catcliffe
 Rotherham
 S60 5WG

Our Ref	Your Ref	070060567		070060568	
		Inlet		Outlet	
Sampled On	Method	28/06/2007		28/06/2007	
		pH	R3.6	7.16	
Turbidity	*\$	142	FTU	37.5	FTU
Chloride	R2.4.2	64.7	mg/l	72.2	mg/l
BOD (5 day)	R5.1	154	mg/l O	202	mg/l O
COD (total)	R5.2	672	mg/l O	786	mg/l O
Total solids (105°C)	R*	1400	mg/l	348	mg/l
Suspended Solids Total (105C)	R3.8	64.4	mg/l	23.0	mg/l
Total Organic Carbon	R*7.12	84.1	mg/l	231	mg/l
Arsenic (total)	R8B	<0.05	mg/l	<0.05	mg/l
Boron (total)	R8B	<0.3	mg/l	<0.3	mg/l
Barium (total)	R*8B	0.106	mg/l	<0.1	mg/l
Cadmium (total)	R8B	0.0172	mg/l	<0.005	mg/l
Chromium (total)	R8B	<0.01	mg/l	<0.01	mg/l
Chromium (VI)	R6.13	<0.1	mg/l	<0.1	mg/l
Copper (total)	R8B	0.113	mg/l	0.0248	mg/l
Mercury (total)	R9A	<0.05	ug/l	<0.05	ug/l
Nickel (total)	R8B	<0.01	mg/l	0.0129	mg/l
Lead (total)	R8B	0.894	mg/l	<0.03	mg/l
Selenium (total)	R*9B	5.60	ug/l	3.01	ug/l
Sulphate (by ICP)	R*8B	77.8	mg/l	73.8	mg/l
Thallium (total)	R*8B	<0.5	mg/l	<0.5	mg/l
Vanadium (total)	R8B	<0.05	mg/l	<0.05	mg/l
Zinc (total)	R8B	0.993	mg/l	0.0969	mg/l
Total Cyanide	R2.5	2.19	mg/l	2.92	mg/l
Acenaphthene	R7.7	453	ug/l	2.87	ug/l
Acenaphthylene	R7.7	7160	ug/l	84.4	ug/l
Anthracene	R7.7	1180	ug/l	<2	ug/l
Benzo (a) Anthracene	R7.7	313	ug/l	<2	ug/l
Benzo (a) Pyrene	R7.7	194	ug/l	<2	ug/l

Approved by: Hans van der Wart Business Director - Waters
 Reported : 26/07/2007 16:58

SDG Number : SDG07017076

Certificate ID : 259129

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Sampled On	Method	28/06/2007		28/06/2007	
		Benzo (b&k) Fluoranthene	R7.7	321	ug/l
Benzo (g,h,i) Perylene	R7.7	2.54	ug/l	<2	ug/l
Chrysene	R7.7	322	ug/l	<2	ug/l
Phenanthrene	R7.7	4780	ug/l	11.7	ug/l
Pyrene	R7.7	802	ug/l	<2	ug/l
Dibenzo (a,h) Anthracene	R7.7	29.6	ug/l	<2	ug/l
Fluoranthene	R7.7	1260	ug/l	<2	ug/l
Fluorene	R7.7	2530	ug/l	9.46	ug/l
Indeno (1,2,3-cd) pyrene	R7.7	120	ug/l	<2	ug/l
Naphthalene	R7.7	24300	ug/l	530	ug/l
PAH (sum of EPA 16)	R7.7	43800	ug/l	648	ug/l
2,3 & 2,6-Dimethylphenol	R*7.55.X	144	ug/l	404	ug/l
2,3,4,6-Tetrachlorophenol	R*7.55.X	<5	ug/l	<5	ug/l
2,4,5-Trichlorophenol	R*7.55.X	<5	ug/l	<5	ug/l
2,4,6-Trichlorophenol	R*7.55.X	<5	ug/l	<5	ug/l
2,4-Dichlorophenol	R*7.55.X	<5	ug/l	<5	ug/l
2,4-Dimethylphenol	R*7.55.X	62.3	ug/l	501	ug/l
2,4-Dinitrophenol	R*7.55.X	<5	ug/l	<5	ug/l
2,5-Dimethylphenol	R*7.55.X	460	ug/l	280	ug/l
2,6-Dichlorophenol	R*7.55.X	<5	ug/l	<5	ug/l
2-Chlorophenol	R*7.55.X	<5	ug/l	<5	ug/l
2-Methylphenol	R*7.55.X	654	ug/l	2510	ug/l
2-Nitrophenol	R*7.55.X	<5	ug/l	<5	ug/l
3,4-Dimethylphenol	R*7.55.X	<5	ug/l	<5	ug/l
3,5-Dimethylphenol	R*7.55.X	318	ug/l	256	ug/l
3-Methylphenol (m-Cresol)	R*7.55.X	618	ug/l	2030	ug/l
4-Chloro-3-methylphenol	R*7.55.X	<5	ug/l	<5	ug/l
4-Methylphenol (p-Cresol)	R*7.55.X	487	ug/l	1790	ug/l
4-Nitrophenol	R*7.55.X	<5	ug/l	<5	ug/l

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Sampled On	Method	28/06/2007	28/06/2007
DNBP (Dinoseb)	R*7.55.X	<5 ug/l	<5 ug/l
DNOC	R*7.55.X	<5 ug/l	<5 ug/l
Pentachlorophenol	R*7.55.X	<5 ug/l	<5 ug/l
Phenol	R*7.55.X	2830 ug/l	6000 ug/l
Non Routine Results	*\$	(1) See Text Results Below	(2) See Text Results Below

Result Notes

(1) PCB WHO 12 Congeners

PCB-81 = Isomer not detected
 PCB-77 = 0.0367
 PCB-123 = 0.0700
 PCB-118 = 0.4500
 PCB-114 = 0.0100
 PCB-105 = 0.3067
 PCB-126 = Isomer not detected
 PCB-167 = 0.0467
 PCB-156 = 0.0533
 PCB-157 = 0.0300
 PCB-169 = Isomer not detected
 PCB-189 = Isomer not detected

(2) PCB WHO 12 Congeners

PCB-81 = Isomer not detected
 PCB-77 = 0.0333
 PCB-123 = 0.0367
 PCB-118 = 0.3100
 PCB-114 = 0.0100
 PCB-105 = 0.1200
 PCB-126 = Isomer not detected
 PCB-167 = 0.0200
 PCB-156 = 0.0300
 PCB-157 = Isomer not detected
 PCB-169 = Isomer not detected
 PCB-189 = Isomer not detected

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