APPENDIX G

WRAS ASSESSMENT TABLE FOR WATER MAINS SPECIFICATION

CC Geotechnical

WRAS ANALYSIS OF CONTAMINATION DATA

Job Number 06/3908/9 Created by: RR

Name Foulstone & Wombwell School Reviewed by: PB

	Arithmetric Mean (mg/kg)	Geometric Mean (mg/kg)	UCL_{95}	WRAS threshold value (mg/kg)
Arsenic	45.05		53.17	10
Cadmium	0.21		0.21	3
Chromium (hexavalent)	1.00		1.00	25
Chromium (total)	14.54		18.10	600
Lead		35.26	45.51	500
Mercury	0.28		0.55	1
Selenium	1.00		1.00	3
PAH (total)	6.34		10.67	50
Phenols (monohydric)	2.00		2.00	5
Cyanide (free)	2.00		2.00	25
Cyanide (complex)	2.00		2.00	250
Sulphide	2.00		2.00	250
Sulphur (free)	12.00		17.34	5000
pH	5.61		6.41	5<pH>8
TPH	173.43		413.22	50