

## APPENDIX

- Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH<sub>4</sub> by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
- 2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
- 3. If sufficient sample is received a sub sample will be retained free of charge for one month after analysis is completed (e-mailed) for both soil jars and tubs. All waters, volatile jars and vials will be discarded after one month of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Geochem reserve the right to charge for samples received and stored but not analysed.
- 4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
- 5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
- 6. When requested, an asbestos screen is done in-house on soils and if no fibres are found will be reported as NFD no fibres detected. If asbestos is detected, then identification is carried out by ALcontrol Shutler. If a sample is suspected of containing asbestos, then further preparation and analysis will be suspended on that sample until the asbestos result is known. If asbestos is present, then no further analysis will be undertaken.
- 7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule.
- 8. NDP No determination possible due to insufficient/unsuitable sample.
- 9. Metals in water are performed on a filtered sample, and therefore represent dissolved metals total metals must be requested separately.
- 10. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
- 11. Surrogate recoveries Currently the only analyses which are surrogate corrected are EPH and PAHs on soils.
- 12. Product analyses Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
- Phenols monohydric by HPLC includes phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethylphenol, 3,5 Dimethylphenol).
- 14. Total of 8 speciated phenols by HPLC includes Resorcinol, Catechol, Phenol, Napthol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, cresols and xylenols (as detailed in 13).
- 15. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
- 16. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
- 17. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

MCERTS

- We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occuring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
- 2. It should be noted that for a particular set of data some of the data may not always meet the precision and bias criteria as prescribed by MCERTS. This is because whilst criteria were met when the method was originally validated, specific criteria for ongoing AQC were not set by the Environment Agency, so that the point of reference becomes the criteria used for the original validation. The precision and bias data for the certified reference material (CRM), used in the method may itself fall outside these criteria and as a result the samples associated with the batch in question do not strictly meet the MCERTS criteria. This issue is common to all UK laboratories although in practice this is not always reported as such. However in the interest of maintaining strict conformance with both MCERTS and UKAS ISO17025 such data are flagged by Alcontrol as not claiming MCERTS, but still meets the requirements of ISO17025. This should not detract from the usability of such data in terms of their application to the existing project.

## ALCONTROL GEOCHEM - MCERTS UPDATE (8th August 2006)- Annex A (normative)

Table 1 - Performance characteristics (metals and organometallics)	UKAS	MCERTS
Antimony	yes	yes
Arsenic	yes	yes
3arium	yes	yes
Beryllium	yes	yes
Boron (water soluble)	yes	yes
Cadmium	yes	yes
Cobalt	yes	yes
Copper	yes	yes
Chromium	yes	yes
ron	yes	yes
Lead	yes	yes
	yes	yes
Manganese	yes	yes
Mercury		
Molybdenum	yes	yes
Nickel	yes	yes
Organolead compounds	no	no
Organotin compounds	no	no
Selenium	yes	yes
Thallium	yes	р
Vanadium	yes	yes
Zinc	yes	yes
	IIIKAG	MOEDTO
Table 2 - Performance characteristics (inorganics)	UKAS	MCERTS
Easily liberated cyanide	yes	yes
Complex cyanide	yes	yes
pH	yes	yes
LOI	yes	yes
Sulphide	yes	р
Sulphate	VOC	1100
Sulphate	yes	yes
Sulphur	yes	yes
Sulphur		
Sulphate Sulphur Thiocyanate Exchangeable Ammonium	yes	yes
Sulphur Thiocyanate Exchangeable Ammonium	yes yes yes	yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics)	yes yes	yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics)	yes yes yes	yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS)	yes yes yes UKAS	yes yes yes MCERTS
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS)	yes yes yes UKAS yes	yes yes yes MCERTS yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene	yes yes yes UKAS yes yes	yes yes yes MCERTS yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chloromethane	yes yes UKAS yes yes yes yes	yes yes yes MCERTS yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol)	yes yes yes UKAS yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes yes p
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene)	yes yes yes UKAS yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes p yes p yes p
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane	yes yes yes UKAS yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes p yes p yes p p
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane	yes yes yes UKAS yes yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes p yes p yes p p p
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane "Dioxins"	yes yes yes UKAS yes yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes p yes p p p p no
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chlorophenol (2-chlorophenol) Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane Dichloromethane Ethylbenzene	yes yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes p yes p p p p no p
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chlorophenol (2-chlorophenol) Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane "Dioxins" Ethylbenzene "Furans"	yes yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes p yes p p p p no p no
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane Dichloromethane 'Dioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC)	yes yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes P yes P P P P no P no yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane Pioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons"	yes yes yes yes yes yes yes yes yes yes	yes yes yes MCERTS yes yes yes P yes P P P P P no P no yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane 'Dioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" 'Nitroaromatics"	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p p no p no yes yes no
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane 'Dioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" 'Nitroaromatics" Pentachlorophenol	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p P P P P P no P no yes yes yes no
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane Dichloromethane Pioixins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" Pentachlorophenol	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p P P P P P P no yes yes yes no p yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorobenzene Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane 'Dioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" 'Nitroaromatics" Pentachlorophenol 'Phenols" - Phenol by HPLC	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p no p no yes yes no p
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane 'Dioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" 'Nitroaromatics" Pentachlorophenol 'Phenols" - Phenol by HPLC 'Polyaromatic hydrocarbons" by GC-MS	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p p p no p p no yes yes yes yes p yes yes yes yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Fabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chloromethane Chloromethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane Furans" Hexachlorobutadiene (SVOC) Hydrocarbons" Nitroaromatics" Pentachlorophenol Phenols" - Phenol by HPLC 'Polyaromatic hydrocarbons" by GC-MS	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p p p p p p p p p p p p yes yes yes yes yes yes yes yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Fabel 3 - Performance characteristics (organics) Benzo[a]pyrene (GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) I,2-dichloroethane Diokins" Ethylbenzene Furans" Hexachlorobutadiene (SVOC) Hydrocarbons" Nitroaromatics" Pentochlorophenol Phenols" - Phenol by HPLC 'Phthalate esters" 'Polyaromatic hydrocarbons" by GC-MS 'Polyaromatic hydrocarbons" (Aroclors)	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p p p no p p no yes yes yes yes p yes yes yes yes yes yes
Sulphur  Thiocyanate  Exchangeable Ammonium  Tabel 3 - Performance characteristics (organics)  Benzo[a]pyrene (GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) I,2-dichloroethane Dichloromethane Dichloromethane Dichloromethane Dichloromethane Furans" Hexachlorobutadiene (SVOC) Hydrocarbons" Nitroaromatics" Pentochlorophenol Phenols" - Phenol by HPLC Phthalate esters"  Polyaromatic hydrocarbons" by GC-MS Polychlorinated biphenyls" (Aroclors)	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p p p p p p p p p p p p p yes yes yes yes yes yes yes yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Fabel 3 - Performance characteristics (organics) Benzene (GC- FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorophenol (2-chlorophenol) Chloronethane Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane Dichloromethane Teurans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" Nitroaromatics" Pentachlorophenol Phenols" - Phenol by HPLC 'Phthalate esters" Polyaromatic hydrocarbons" by GC-MS 'Polyaromatic hydrocarbons" by GC-MS 'Polychlorinated biphenyls" (Aroclors) Tetrachloroethane (1,1,1,2) Tetrachloroethene	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p p p p p p p p p p p p p p p yes yes yes yes yes yes yes yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzo[a]pyrene (GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Dichloromethane 'Dioxins" Ethylbenzene 'Furans" -texachlorobutadiene (SVOC) 'Hydrocarbons" 'Pentachlorophenol 'Phenols" - Phenol by HPLC 'Phthalate esters" 'Polyaromatic hydrocarbons" by GC-MS 'Polychlorinated biphenyls" (Aroclors) Tetrachloroethane (1,1,1,2) Tetrachloroethane (carbon tetrachloride)	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p p p p p p p p yes yes yes yes yes yes yes yes yes yes
Sulphur  Thiocyanate  Exchangeable Ammonium  Tabel 3 - Performance characteristics (organics)  Benzola [governe (GC-MS)  Benzola [governe (GC-MS)  Chlorobenzene  Chloromethane  Chlorophenol (2-chlorophenol)  Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane  Dichloromethane  Dichloromethane  Furans"  Hexachlorobutadiene (SVOC)  Hydrocarbons"  Nitroaromatics"  Pentachlorophenol Phenols" - Phenol by HPLC  Phthalate esters"  Polyaromatic hydrocarbons" by GC-MS  Polychlorinated biphenyls" (Aroclors)  Tetrachloroethane  Tetrachloroethane  Tetrachloroethane  Tetrachloroethane  Choromethane  Tolouene(GC-FID)	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p p yes p p p p p p p p no yes yes yes no p yes yes yes yes p yes yes p yes yes p yes yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzo[a]pyrene (GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Tbioxins" Ethylbenzene 'Furans" Hexachlorobutadiene (SVOC) 'Hydrocarbons" 'Nitroaromatics" Pentachlorophenol Phenol by HPLC 'Phthalate esters" 'Polyaromatic hydrocarbons" by GC-MS 'Polychlorinated biphenyls" (Aroclors) Tetrachloroethane Tetrachloroethane Tetrachloroethane Chlorophenol Chlorophenzene Chlorophenzeneeneeneeneeneen	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p no p no p yes yes no p yes yes no p yes yes p yes p yes p yes yes p yes yes yes yes
Sulphur Thiocyanate Exchangeable Ammonium Tabel 3 - Performance characteristics (organics) Benzoe (GC-FID & GC-MS) Benzo[a]pyrene (GC-MS) Chlorobenzene Chlorophenol (2-chlorophenol) Chlorotoluene(2-chlorotoluene, 4-chlorotoluene) 1,2-dichloroethane Dichloromethane Tibusins" Ethylbenzene Furans" Hexachlorobutadiene (SVOC) "Hydrocarbons" Nitroaromatics" Pentachlorophenol Phenol by HPLC "Polyaromatic hydrocarbons" by GC-MS "Polyaromatic hydrocarbons" by GC-MS "Polyaromatic hydrocarbons" by GC-MS "Polychlorinated biphenyls" (Aroclors) Tetrachloroethane Tetrachloroethane Tetrachloroethane Tetrachloroethane	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p p no p p no yes yes yes no p yes yes yes p yes p yes yes p yes yes yes yes yes yes
Sulphur	yes yes yes yes yes yes yes yes yes yes	yes yes yes yes yes yes yes p yes p p p p no p no p yes yes no p yes yes no p yes yes p yes p yes p yes p yes yes yes yes yes

yes - accreditation awarded p = pending - data meeting MCERTS criteria submitted to UKAS - awaiting certification no = not being submitted in the near future

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## **ALcontrol Geochem - Table Of Results**

Job Number: 06/19990/02/01 Client: Peter Cowsill Limited Client Ref: Matrix: LIQUID

			Sample Identity	D/S	U/S
			Depth	-	-
			Sample Type	LIQUID	LIQUID
			Sample Received Date	12/12/2006	12/12/2006
			Sampled Date	08/12/2006	08/12/2006
			Batch	2	2
			Sample Number(s)	31-32	33-34
	Method	Units	Method Detection Limit		
Arsenic Dissolved (ICP-MS)	TM152	ug/l	<1	<1	1
Boron Dissolved (ICP-MS)	TM152	ug/l	<10	73	29
Cadmium Dissolved (ICP-MS)	TM152	ug/l	<0.4	<0.4	<0.4
Chromium Dissolved (ICP-MS)	TM152	ug/l	<1	<1	<1
Copper Dissolved (ICP-MS)	TM152	ug/l	<1	<1	<1
Lead Dissolved (ICP-MS)	TM152	ug/l	<1	1	1
Nickel Dissolved (ICP-MS)	TM152	ug/l	<1	1	1
Selenium Dissolved (ICP-MS)	TM152	ug/l	<1	<1	1
Zinc Dissolved (ICP-MS)	TM152	ug/l	<3	18	24
Mercury Dissolved (CVAA)	TM127	ug/l	<0.05	< 0.05	< 0.05
Sulphate (soluble)	TM098	mg/l	<3	15	14
pH Value	TM133	pH Units	<1.00	7.28	7.22
EPH (DRO) (C10-C40)	TM172	ug/l	<10	<10	<10
DALL by COMS					
PAH by GCMS	TN 4074		-10	-10	.10
Naphthalene	TM074	ng/l	<10	<10	<10
Acenaphthylene	TM074	ng/l	<10	<10	<10
Acenaphthene Fluorene	TM074 TM074	ng/l	<10 <10	<10	<10
Phenanthrene	TM074 TM074	ng/l	<10	<10	<10
Anthracene	TM074 TM074	ng/l	<10	<10 <10	<10
Fluoranthene	TM074 TM074	ng/l ng/l	<10	<10	<10 <10
Pyrene	TM074	ng/l	<10	<10	<10
Benz(a)anthracene	TM074 TM074	ng/l	<10	<10	<10
Chrysene	TM074	ng/l	<10	<10	<10
Benzo(b)fluoranthene	TM074	ng/l	<10	<10	<10
Benzo(k)fluoranthene	TM074	ng/l	<10	<10	<10
Benzo(a)pyrene	TM074	ng/l	<10	<10	<10
Indeno(123cd)pyrene	TM074	ng/l	<10	<10	<10
Dibenzo(ah)anthracene	TM074	ng/l	<10	<10	<10
Benzo(ghi)perylene	TM074	ng/l	<10	<10	<10
PAH 16 Total	TM074	ng/l	<10	<10	<10

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