

ALcontrol Geochem Analytical Services Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

Grain sizes

<0.063mm Very Fine

0.1mm - 0.063mm Fine

0.1mm - 2mm Medium

2mm - 10mm Coarse

>10mm Very Coarse

[illegible]

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

¹ Sample Description supplied by client

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» Shown on prev. report

Client Contact: Laura Newsome

Date 29.03.2007

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

ALcontrol Geochem Analytical Services

Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

Grain sizes

<0.063mm Very Fine

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¹ Sample Description supplied by client

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Client Contact: Laura Newsome

[illegible]

Date 27.03.2007

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

ALcontrol Geochem Analytical Services

Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

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¹ Sample Description supplied by client

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11

ISO 17025 accredited

^M MCERTS accredited

* Subcontracted test

» Shown on prev. report

Matrix: SOLID

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

[illegible]

Date 20.03.2007

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1

ISO 17025 accredited

M MCERTS accredited

* Subcontracted test

» Shown on prev. report

Matrix: SOLID

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

[illegible]

Date 20.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 20.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP754F	TP754F	TP754F	TP754F	TP755F	TP755F	TP755F	TP755F		Method Code	LoD/Units
Depth (m)	0.4-0.5	1.1	1.3	2.0	0.2-0.3	1.1	1.5	2.5			
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID			
Sampled Date	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07			
Sample Received Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07			
Batch	1	1	1	1	1	1	1	1			
Sample Number(s)	5-6	7-8	9-10	1-3	11-13	15-19	20-21	22-24			
SVOC by GCMS											
Phenols											
2-Chlorophenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2-Methylphenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2-Nitrophenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2,4-Dichlorophenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2,4-Dimethylphenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2,4,5-Trichlorophenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2,4,6-Trichlorophenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Chloro-3-methylphenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Methylphenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Nitrophenol	<500	-	-	-	<500	-	-	-		TM157	<100 ug/kg
Pentachlorophenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Phenol	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
PAHs											
2-Chloronaphthalene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2-Methylnaphthalene	<100	-	-	-	330	-	-	-		TM157	<100 ug/kg
Acenaphthene	<100	-	-	-	820	-	-	-		TM157	<100 ug/kg
Acenaphthylene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Anthracene	410	-	-	-	5200	-	-	-		TM157	<100 ug/kg
Benzo(a)anthracene	1100	-	-	-	9700	-	-	-		TM157	<100 ug/kg
Benzo(a)pyrene	820	-	-	-	6300	-	-	-		TM157	<100 ug/kg
Benzo(b)fluoranthene	950	-	-	-	7300	-	-	-		TM157	<100 ug/kg
Benzo(ghi)perylene	420	-	-	-	2900	-	-	-		TM157	<100 ug/kg
Benzo(k)fluoranthene	430	-	-	-	3300	-	-	-		TM157	<100 ug/kg
Chrysene	1000	-	-	-	6800	-	-	-		TM157	<100 ug/kg
Dibenzo(a,h)anthracene	150	-	-	-	1100	-	-	-		TM157	<100 ug/kg
Fluoranthene	2400	-	-	-	22000	-	-	-		TM157	<100 ug/kg
Fluorene	140	-	-	-	1300	-	-	-		TM157	<100 ug/kg
Indeno(1,2,3-cd)pyrene	410	-	-	-	3200	-	-	-		TM157	<100 ug/kg

All results expressed on a dry weight basis.

Date 20.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP754F	TP754F	TP754F	TP754F	TP755F	TP755F	TP755F	TP755F		Method Code	LoD/Units
Depth (m)	0.4-0.5	1.1	1.3	2.0	0.2-0.3	1.1	1.5	2.5			
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID			
Sampled Date	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07			
Sample Received Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07			
Batch	1	1	1	1	1	1	1	1			
Sample Number(s)	5-6	7-8	9-10	1-3	11-13	15-19	20-21	22-24			
PAHs (cont)											
Naphthalene	<100	-	-	-	190	-	-	-		TM157	<100 ug/kg
Phenanthrene	1300	-	-	-	15000	-	-	-		TM157	<100 ug/kg
Pyrene	1400	-	-	-	15000	-	-	-		TM157	<100 ug/kg
Phthalates											
Bis(2-ethylhexyl) phthalate	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Butylbenzyl phthalate	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Di-n-butyl phthalate	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Di-n-Octyl phthalate	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Diethyl phthalate	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Dimethyl phthalate	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Other Semi-volatiles											
1,2-Dichlorobenzene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
1,2,4-Trichlorobenzene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
1,3-Dichlorobenzene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
1,4-Dichlorobenzene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2-Nitroaniline	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2,4-Dinitrotoluene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
2,6-Dinitrotoluene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
3-Nitroaniline	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Bromophenylphenylether	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Chloroaniline	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Chlorophenylphenylether	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
4-Nitroaniline	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Azobenzene	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Bis(2-chloroethoxy)methane	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Bis(2-chloroethyl)ether	<100	-	-	-	<100	-	-	-		TM157	<100 ug/kg
Carbazole	130	-	-	-	1900	-	-	-		TM157	<100 ug/kg
Dibenzofuran	<100	-	-	-	630	-	-	-		TM157	<100 ug/kg

All results expressed on a dry weight basis.

Date 20.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 20.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP754F	TP754F	TP754F	TP754F	TP755F	TP755F	TP755F	TP755F		Method Code	LoD/Units
Depth (m)	0.4-0.5	1.1	1.3	2.0	0.2-0.3	1.1	1.5	2.5			
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID			
Sampled Date	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07			
Sample Received Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07			
Batch	1	1	1	1	1	1	1	1			
Sample Number(s)	5-6	7-8	9-10	1-3	11-13	15-19	20-21	22-24			
Volatile Organic Compounds											
Dichlorodifluoromethane	-	-	<4	-	-	<4	-	-		TM116 [#]	<4 ug/kg
Chloromethane	-	-	<7	-	-	<7	-	-		TM116 [#]	<7 ug/kg
Vinyl Chloride	-	-	<10	-	-	<10	-	-		TM116 [#] _M	<10 ug/kg
Bromomethane	-	-	<13	-	-	<13	-	-		TM116 [#]	<13 ug/kg
Chloroethane	-	-	<14	-	-	<14	-	-		TM116 [#]	<14 ug/kg
Trichlorofluoromethane	-	-	<6	-	-	<6	-	-		TM116 [#] _M	<6 ug/kg
trans-1-2-Dichloroethene	-	-	<11	-	-	<11	-	-		TM116 [#]	<11 ug/kg
Dichloromethane	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
Carbon Disulphide	-	-	<7	-	-	<7	-	-		TM116 [#] _M	<7 ug/kg
1,1-Dichloroethene	-	-	<10	-	-	<10	-	-		TM116 [#] _M	<10 ug/kg
1,1-Dichloroethane	-	-	<8	-	-	<8	-	-		TM116 [#] _M	<8 ug/kg
Methyl Tertiary Butyl Ether	-	-	<11	-	-	<11	-	-		TM116 [#] _M	<11 ug/kg
cis-1-2-Dichloroethene	-	-	<5	-	-	<5	-	-		TM116 [#] _M	<5 ug/kg
Bromochloromethane	-	-	<14	-	-	<14	-	-		TM116 [#]	<14 ug/kg
Chloroform	-	-	<8	-	-	<8	-	-		TM116 [#] _M	<8 ug/kg
2,2-Dichloropropane	-	-	<12	-	-	<12	-	-		TM116 [#]	<12 ug/kg
1,2-Dichloroethane	-	-	<5	-	-	<5	-	-		TM116 [#]	<5 ug/kg
1,1,1-Trichloroethane	-	-	<7	-	-	<7	-	-		TM116 [#] _M	<7 ug/kg
1,1-Dichloropropene	-	-	<11	-	-	<11	-	-		TM116 [#] _M	<11 ug/kg
Benzene	-	-	<9	-	-	<9	-	-		TM116 [#] _M	<9 ug/kg
Carbontetrachloride	-	-	<14	-	-	<14	-	-		TM116 [#] _M	<14 ug/kg
Dibromomethane	-	-	<9	-	-	<9	-	-		TM116 [#]	<9 ug/kg
1,2-Dichloropropane	-	-	<12	-	-	<12	-	-		TM116 [#] _M	<12 ug/kg
Bromodichloromethane	-	-	<7	-	-	<7	-	-		TM116 [#] _M	<7 ug/kg
Trichloroethene	-	-	<9	-	-	<9	-	-		TM116 [#] _M	<9 ug/kg
cis-1-3-Dichloropropene	-	-	<14	-	-	<14	-	-		TM116 [#] _M	<14 ug/kg
trans-1-3-Dichloropropene	-	-	<14	-	-	<14	-	-		TM116 [#] _M	<14 ug/kg
1,1,2-Trichloroethane	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
Toluene	-	-	<5	-	-	<5	-	-		TM116 [#] _M	<5 ug/kg
1,3-Dichloropropane	-	-	<7	-	-	<7	-	-		TM116 [#]	<7 ug/kg

All results expressed on a dry weight basis.

Date 20.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP754F	TP754F	TP754F	TP754F	TP755F	TP755F	TP755F	TP755F		Method Code	LoD/Units
Depth (m)	0.4-0.5	1.1	1.3	2.0	0.2-0.3	1.1	1.5	2.5			
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID			
Sampled Date	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07			
Sample Received Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07			
Batch	1	1	1	1	1	1	1	1			
Sample Number(s)	5-6	7-8	9-10	1-3	11-13	15-19	20-21	22-24			
Volatile Organic Compounds (cont)											
Dibromochloromethane	-	-	<13	-	-	<13	-	-		TM116 [#]	<13 ug/kg
1,2-Dibromoethane	-	-	<12	-	-	<12	-	-		TM116 [#]	<12 ug/kg
Tetrachloroethene	-	-	<5	-	-	<5	-	-		TM116 [#]	<5 ug/kg
1,1,1,2-Tetrachloroethane	-	-	<10	-	-	<10	-	-		TM116 [#] _M	<10 ug/kg
Chlorobenzene	-	-	<5	-	-	<5	-	-		TM116 [#] _M	<5 ug/kg
Ethylbenzene	-	-	<4	-	-	<4	-	-		TM116 [#]	<4 ug/kg
p/m-Xylene	-	-	<14	-	-	<14	-	-		TM116 [#]	<14 ug/kg
Bromoform	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
Styrene	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
1,1,2,2-Tetrachloroethane	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
o-Xylene	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
1,2,3-Trichloropropane	-	-	<17	-	-	<17	-	-		TM116 [#]	<17 ug/kg
Isopropylbenzene	-	-	<5	-	-	<5	-	-		TM116 [#]	<5 ug/kg
Bromobenzene	-	-	<10	-	-	<10	-	-		TM116 [#] _M	<10 ug/kg
2-Chlorotoluene	-	-	<9	-	-	<9	-	-		TM116 [#]	<9 ug/kg
Propylbenzene	-	-	<11	-	-	<11	-	-		TM116 [#]	<11 ug/kg
4-Chlorotoluene	-	-	<12	-	-	<12	-	-		TM116 [#]	<12 ug/kg
1,2,4-Trimethylbenzene	-	-	<9	-	-	<9	-	-		TM116 [#]	<9 ug/kg
4-Isopropyltoluene	-	-	<11	-	-	<11	-	-		TM116 [#]	<11 ug/kg
1,3,5-Trimethylbenzene	-	-	<8	-	-	<8	-	-		TM116 [#]	<8 ug/kg
1,2-Dichlorobenzene	-	-	<12	-	-	<12	-	-		TM116 [#] _M	<12 ug/kg
1,4-Dichlorobenzene	-	-	<5	-	-	<5	-	-		TM116 [#] _M	<5 ug/kg
sec-Butylbenzene	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
tert-Butylbenzene	-	-	<12	-	-	<12	-	-		TM116 [#]	<12 ug/kg
1,3-Dichlorobenzene	-	-	<6	-	-	<6	-	-		TM116 [#]	<6 ug/kg
n-Butylbenzene	-	-	<10	-	-	<10	-	-		TM116 [#]	<10 ug/kg
1,2-Dibromo-3-chloropropane	-	-	<14	-	-	<14	-	-		TM116 [#]	<14 ug/kg
1,2,4-Trichlorobenzene	-	-	<6	-	-	<6	-	-		TM116 [#]	<6 ug/kg
Naphthalene	-	-	<13	-	-	<13	-	-		TM116 [#]	<13 ug/kg
1,2,3-Trichlorobenzene	-	-	<11	-	-	<11	-	-		TM116 [#]	<11 ug/kg

All results expressed on a dry weight basis.

Date 20.03.2007

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11

» Shown on prev. report

Client Contact: Laura Newsome

All results expressed on a dry weight basis.

Date 20.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

Date 20.03.2007

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11

ISO 17025 accredited

^M MCERTS accredited

* Subcontracted test

» Shown on prev. report

Matrix: LEACHATE

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

[illegible]

Date 20.03.2007

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11

» Shown on prev. report

Client Contact: Laura Newsome

Date 20.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
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* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** LEACHATE
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP754F	TP755F	TP755F	TP755F	TP755F					Method Code	LoD/Units
Depth (m)	0.4-0.5	0.2-0.3	1.1	1.5	2.5						
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID						
Sampled Date	05.03.07	05.03.07	05.03.07	05.03.07	05.03.07						
Sample Received Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07						
Batch	1	1	1	1	1						
Sample Number(s)	5-6	11-13	15-19	20-21	22-24						
PAHs											
2-Chloronaphthalene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
2-Methylnaphthalene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Acenaphthene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Acenaphthylene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Anthracene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Benzo(a)anthracene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Benzo(a)pyrene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Benzo(b)fluoranthene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Benzo(ghi)perylene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Benzo(k)fluoranthene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Chrysene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Dibenzo(a,h)anthracene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Fluoranthene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Fluorene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Indeno(1,2,3-cd)pyrene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Naphthalene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Phenanthrene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Pyrene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Phthalates											
Bis(2-ethylhexyl) phthalate (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Butylbenzyl phthalate (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Di-n-butyl phthalate (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Di-n-Octyl phthalate (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Diethyl phthalate (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Dimethyl phthalate (NRA)	-	<1	-	-	-					TM143	<1 ug/l
Other Semi-volatiles											
1,2-Dichlorobenzene (NRA)	-	<1	-	-	-					TM143	<1 ug/l
1,2,4-Trichlorobenzene (NRA)	-	<1	-	-	-					TM143	<1 ug/l

Date 20.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

Date 20.03.2007

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10⁻⁷

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample ¹	Surrogate Corrected
TM008	BS 1377:Part 1977	Particle size distribution of solid samples			WET	
TM024	Method 4500A & B, AWWA/APHA, 20th Ed., 1999	Determination of Exchangeable Ammonium in soil samples	✓	✓	WET	
TM050	Method 5310B, AWWA/APHA, 20th Ed., 1999 / DIN EN 13137	Total Organic Carbon determination by combustion method	✓		DRY	
TM070	Modified: US EPA Method 8250 & 625	Determination of Total Polychlorinated Biphenyls (PCB's) as Aroclor 1254 and the ICE 7 Congeners by GC-MS	✓		DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM098	Method 4500E, AWWA/APHA, 20th Ed., 1999	Determination of Sulphate using the Kone Analyser			NA	
TM100	BS 2690: Part 105:1983	Determination of Phosphate using the Kone Analyser			NA	
TM100	BS 2690: Part 105:1983	Determination of Phosphate using the Kone Analyser	✓		DRY	
TM102	Method 4500H, AWWA/APHA, 20th Ed., 1999	Determination of Total Oxidised Nitrogen using the Kone Analyser	✓		DRY	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		WET	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓	✓	WET	
TM127	Method 3112B, AWWA/APHA, 20th Ed., 1999	The Determination of Trace Level Mercury in Aqueous Media and Soil Extracts by Atomic Absorption Spectroscopy			NA	

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10⁻⁷

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample ¹	Surrogate Corrected
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer			DRY	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓	✓	DRY	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter			NA	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter	✓	✓	WET	
TM143	Modified: US EPA Method 8270C	Determination of Semivolatile Organic Compounds by GC-MS			NA	
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS			NA	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser			NA	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser	✓	✓	WET	
TM154	In - house Method	Determination of Petroleum Hydrocarbons by EZ Flash GC-FID in the Carbon range C6- C40			WET	
TM157		Determination of SVOC in Soils by GC-MS extracted by sonication in DCM/Acetone			WET	
TM173		Determination of Speciated Extractable Petroleum Hydrocarbons in Soils by GC-FID	✓		DRY	
TM174		Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID			NA	
TM61/89		see TM061 and TM089 for details			WET	

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

ALcontrol Geochem Analytical Services

Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

Grain sizes

<0.063mm Very Fine

0.1mm - 0.063mm Fine

0.1mm - 2mm Medium

2mm - 10mm Coarse

>10mm Very Coarse

[illegible]

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

¹ Sample Description supplied by client

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» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 05.04.2007

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» Shown on prev. report

Client Contact: Laura Newsome

Date 05.04.2007

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

ALcontrol Geochem Analytical Services Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

Grain sizes

<0.063mm Very Fine

0.1mm - 0.063mm Fine

0.1mm - 2mm Medium

2mm - 10mm Coarse

>10mm Very Coarse

[illegible]

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

¹ Sample Description supplied by client

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1

» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 20.03.2007

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

[illegible]

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

ALcontrol Geochem Analytical Services Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

Grain sizes

<0.063mm Very Fine

0.1mm - 0.063mm Fine

0.1mm - 2mm Medium

2mm - 10mm Coarse

>10mm Very Coarse

[illegible]

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Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

¹ Sample Description supplied by client

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11

» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 04.04.2007

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

ALcontrol Geochem Analytical Services

Sample Descriptions

Job Number: 07/04166/02/01

Client: URS Corporation Limited

Client Ref :

Grain sizes

<0.063mm Very Fine

0.1mm - 0.063mm Fine

0.1mm - 2mm Medium

2mm - 10mm Coarse

>10mm Very Coarse

[illegible]

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.

Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

¹ Sample Description supplied by client

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1

» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 21.03.2007

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1

» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 21.03.2007

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11

» Shown on prev. report

Client Contact: Laura Newsome

All results expressed on a dry weight basis.

Date 21.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP751F	TP751F	TP751F	TP752F	TP752F	TP752F	TP752F	TP753F	TP756F	Method Code	LoD/Units
Depth (m)	0.2	1.1	2.6	0.2-0.3	0.8	2.5	2.8-2.9	0.7	0.3		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07		
Sample Received Date	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07		
Batch	2	2	2	2	2	2	2	2	2		
Sample Number(s)	27-32	33-35	36-37	38-42	43-46	47	25,48	26,49-54,65	55-61		
SVOC by GCMS											
Phenols											
2-Chlorophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2-Methylphenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2-Nitrophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2,4-Dichlorophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2,4-Dimethylphenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2,4,5-Trichlorophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2,4,6-Trichlorophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Chloro-3-methylphenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Methylphenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Nitrophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Pentachlorophenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Phenol	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
PAHs											
2-Chloronaphthalene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2-Methylnaphthalene	210	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Acenaphthene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Acenaphthylene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Anthracene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Benzo(a)anthracene	180	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Benzo(a)pyrene	140	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Benzo(b)fluoranthene	200	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Benzo(ghi)perylene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Benzo(k)fluoranthene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Chrysene	170	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Dibenzo(a,h)anthracene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Fluoranthene	270	-	-	1200	-	-	-	<100	<100	TM157	<100 ug/kg
Fluorene	<100	-	-	1800	-	-	-	<100	<100	TM157	<100 ug/kg
Indeno(1,2,3-cd)pyrene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg

All results expressed on a dry weight basis.

Date 21.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP751F	TP751F	TP751F	TP752F	TP752F	TP752F	TP752F	TP753F	TP756F	Method Code	LoD/Units
Depth (m)	0.2	1.1	2.6	0.2-0.3	0.8	2.5	2.8-2.9	0.7	0.3		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07		
Sample Received Date	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07		
Batch	2	2	2	2	2	2	2	2	2		
Sample Number(s)	27-32	33-35	36-37	38-42	43-46	47	25,48	26,49-54,65	55-61		
PAHs (cont)											
Naphthalene	150	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Phenanthrene	310	-	-	5200	-	-	-	<100	<100	TM157	<100 ug/kg
Pyrene	220	-	-	1900	-	-	-	<100	<100	TM157	<100 ug/kg
Phthalates											
Bis(2-ethylhexyl) phthalate	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Butylbenzyl phthalate	<100	-	-	<1000	-	-	-	830	<100	TM157	<100 ug/kg
Di-n-butyl phthalate	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Di-n-Octyl phthalate	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Diethyl phthalate	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Dimethyl phthalate	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Other Semi-volatiles											
1,2-Dichlorobenzene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
1,2,4-Trichlorobenzene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
1,3-Dichlorobenzene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
1,4-Dichlorobenzene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2-Nitroaniline	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2,4-Dinitrotoluene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
2,6-Dinitrotoluene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
3-Nitroaniline	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Bromophenylphenylether	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Chloroaniline	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Chlorophenylphenylether	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
4-Nitroaniline	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Azobenzene	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Bis(2-chloroethoxy)methane	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Bis(2-chloroethyl)ether	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Carbazole	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg
Dibenzofuran	<100	-	-	<1000	-	-	-	<100	<100	TM157	<100 ug/kg

All results expressed on a dry weight basis.

Date 21.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

Date 21.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01

Matrix: SOLID

Client: URS Corporation Limited

Location: RHODIA WHITEHAVEN - PLOT F

Client Ref. No.:

Client Contact: Laura Newsome

Sample Identity	TP751F	TP751F	TP751F	TP752F	TP752F	TP752F	TP752F	TP753F	TP756F	Method Code	LoD/Units
Depth (m)	0.2	1.1	2.6	0.2-0.3	0.8	2.5	2.8-2.9	0.7	0.3		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07		
Sample Received Date	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07		
Batch	2	2	2	2	2	2	2	2	2		
Sample Number(s)	27-32	33-35	36-37	38-42	43-46	47	25,48	26,49-54,65	55-61		
Volatile Organic Compounds											
Dichlorodifluoromethane	<4	-	-	<10	-	-	-	<4	<4	TM116 [#]	<4 ug/kg
Chloromethane	<7	-	-	<10	-	-	-	<7	<7	TM116 [#]	<7 ug/kg
Vinyl Chloride	<10	-	-	<10	-	-	-	<10	<10	TM116 [#] _M	<10 ug/kg
Bromomethane	<13	-	-	<10	-	-	-	<13	<13	TM116 [#]	<13 ug/kg
Chloroethane	<14	-	-	<10	-	-	-	<14	<14	TM116 [#]	<14 ug/kg
Trichlorofluoromethane	<6	-	-	<10	-	-	-	<6	<6	TM116 [#] _M	<6 ug/kg
trans-1-2-Dichloroethene	<11	-	-	<10	-	-	-	<11	<11	TM116 [#]	<11 ug/kg
Dichloromethane	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
Carbon Disulphide	<7	-	-	<10	-	-	-	<7	<7	TM116 [#] _M	<7 ug/kg
1,1-Dichloroethene	<10	-	-	<10	-	-	-	<10	<10	TM116 [#] _M	<10 ug/kg
1,1-Dichloroethane	<8	-	-	<10	-	-	-	<8	<8	TM116 [#] _M	<8 ug/kg
Methyl Tertiary Butyl Ether	<11	-	-	<10	-	-	-	<11	<11	TM116 [#] _M	<11 ug/kg
cis-1-2-Dichloroethene	<5	-	-	<10	-	-	-	<5	<5	TM116 [#] _M	<5 ug/kg
Bromochloromethane	<14	-	-	<10	-	-	-	<14	<14	TM116 [#]	<14 ug/kg
Chloroform	<8	-	-	<10	-	-	-	<8	<8	TM116 [#] _M	<8 ug/kg
2,2-Dichloropropane	<12	-	-	<10	-	-	-	<12	<12	TM116 [#]	<12 ug/kg
1,2-Dichloroethane	<5	-	-	<10	-	-	-	<5	<5	TM116 [#]	<5 ug/kg
1,1,1-Trichloroethane	<7	-	-	<10	-	-	-	<7	<7	TM116 [#] _M	<7 ug/kg
1,1-Dichloropropene	<11	-	-	<10	-	-	-	<11	<11	TM116 [#] _M	<11 ug/kg
Benzene	22	-	-	<10	-	-	-	<9	<9	TM116 [#] _M	<9 ug/kg
Carbontetrachloride	<14	-	-	<10	-	-	-	<14	<14	TM116 [#] _M	<14 ug/kg
Dibromomethane	<9	-	-	<10	-	-	-	<9	<9	TM116 [#]	<9 ug/kg
1,2-Dichloropropane	<12	-	-	<10	-	-	-	<12	<12	TM116 [#] _M	<12 ug/kg
Bromodichloromethane	<7	-	-	<10	-	-	-	<7	<7	TM116 [#] _M	<7 ug/kg
Trichloroethene	<9	-	-	<10	-	-	-	<9	<9	TM116 [#] _M	<9 ug/kg
cis-1-3-Dichloropropene	<14	-	-	<10	-	-	-	<14	<14	TM116 [#] _M	<14 ug/kg
trans-1-3-Dichloropropene	<14	-	-	<10	-	-	-	<14	<14	TM116 [#] _M	<14 ug/kg
1,1,2-Trichloroethane	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
Toluene	<5	-	-	<10	-	-	-	<5	<5	TM116 [#] _M	<5 ug/kg
1,3-Dichloropropane	<7	-	-	<10	-	-	-	<7	<7	TM116 [#]	<7 ug/kg

All results expressed on a dry weight basis.

Date 21.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP751F	TP751F	TP751F	TP752F	TP752F	TP752F	TP752F	TP753F	TP756F	Method Code	LoD/Units
Depth (m)	0.2	1.1	2.6	0.2-0.3	0.8	2.5	2.8-2.9	0.7	0.3		
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		
Sampled Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07		
Sample Received Date	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07		
Batch	2	2	2	2	2	2	2	2	2		
Sample Number(s)	27-32	33-35	36-37	38-42	43-46	47	25,48	26,49-54,65	55-61		
Volatile Organic Compounds (cont)											
Dibromochloromethane	<13	-	-	<10	-	-	-	<13	<13	TM116 [#]	<13 ug/kg
1,2-Dibromoethane	<12	-	-	<10	-	-	-	<12	<12	TM116 [#]	<12 ug/kg
Tetrachloroethene	<5	-	-	<10	-	-	-	<5	<5	TM116 [#]	<5 ug/kg
1,1,1,2-Tetrachloroethane	<10	-	-	<10	-	-	-	<10	<10	TM116 [#] _M	<10 ug/kg
Chlorobenzene	<5	-	-	<10	-	-	-	<5	<5	TM116 [#] _M	<5 ug/kg
Ethylbenzene	<4	-	-	<10	-	-	-	7	<4	TM116 [#]	<4 ug/kg
p/m-Xylene	<14	-	-	<10	-	-	-	30	<14	TM116 [#]	<14 ug/kg
Bromoform	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
Styrene	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
1,1,2,2-Tetrachloroethane	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
o-Xylene	<10	-	-	<10	-	-	-	22	<10	TM116 [#]	<10 ug/kg
1,2,3-Trichloropropane	<17	-	-	<10	-	-	-	<17	<17	TM116 [#]	<17 ug/kg
Isopropylbenzene	<5	-	-	<10	-	-	-	<5	<5	TM116 [#]	<5 ug/kg
Bromobenzene	<10	-	-	<10	-	-	-	<10	<10	TM116 [#] _M	<10 ug/kg
2-Chlorotoluene	<9	-	-	<10	-	-	-	<9	<9	TM116 [#]	<9 ug/kg
Propylbenzene	<11	-	-	<10	-	-	-	<11	<11	TM116 [#]	<11 ug/kg
4-Chlorotoluene	<12	-	-	<10	-	-	-	<12	<12	TM116 [#]	<12 ug/kg
1,2,4-Trimethylbenzene	<9	-	-	390	-	-	-	<9	<9	TM116 [#]	<9 ug/kg
4-Isopropyltoluene	<11	-	-	210	-	-	-	<11	<11	TM116 [#]	<11 ug/kg
1,3,5-Trimethylbenzene	<8	-	-	<10	-	-	-	<8	<8	TM116 [#]	<8 ug/kg
1,2-Dichlorobenzene	<12	-	-	<10	-	-	-	<12	<12	TM116 [#] _M	<12 ug/kg
1,4-Dichlorobenzene	<5	-	-	<10	-	-	-	<5	<5	TM116 [#] _M	<5 ug/kg
sec-Butylbenzene	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
tert-Butylbenzene	<12	-	-	<10	-	-	-	<12	<12	TM116 [#]	<12 ug/kg
1,3-Dichlorobenzene	<6	-	-	<10	-	-	-	<6	<6	TM116 [#]	<6 ug/kg
n-Butylbenzene	<10	-	-	<10	-	-	-	<10	<10	TM116 [#]	<10 ug/kg
1,2-Dibromo-3-chloropropane	<14	-	-	<10	-	-	-	<14	<14	TM116 [#]	<14 ug/kg
1,2,4-Trichlorobenzene	<6	-	-	<10	-	-	-	<6	<6	TM116 [#]	<6 ug/kg
Naphthalene	<13	-	-	<10	-	-	-	<13	<13	TM116 [#]	<13 ug/kg
1,2,3-Trichlorobenzene	<11	-	-	<10	-	-	-	<11	<11	TM116 [#]	<11 ug/kg

All results expressed on a dry weight basis.

Date 21.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

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Date 21.03.2007

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Client Contact: Laura Newsome

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Date 21.03.2007

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Client Contact: Laura Newsome

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Date 21.03.2007

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ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
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* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP756F										
Depth (m)	0.5-0.6										
Sample Type	SOLID										
Sampled Date	06.03.07										
Sample Received Date	07.03.07										
Batch	2										
Sample Number(s)	62-64										
SVOC by GCMS											
Volatile Organic Compounds											
Dichlorodifluoromethane	<4									TM116 [#]	<4 ug/kg
Chloromethane	<7									TM116 [#]	<7 ug/kg
Vinyl Chloride	<10									TM116 [#] _M	<10 ug/kg
Bromomethane	<13									TM116 [#]	<13 ug/kg
Chloroethane	<14									TM116 [#]	<14 ug/kg
Trichlorofluoromethane	<6									TM116 [#] _M	<6 ug/kg
trans-1-2-Dichloroethene	<11									TM116 [#]	<11 ug/kg
Dichloromethane	<10									TM116 [#]	<10 ug/kg
Carbon Disulphide	<7									TM116 [#] _M	<7 ug/kg
1,1-Dichloroethene	<10									TM116 [#] _M	<10 ug/kg
1,1-Dichloroethane	<8									TM116 [#] _M	<8 ug/kg
Methyl Tertiary Butyl Ether	<11									TM116 [#] _M	<11 ug/kg
cis-1-2-Dichloroethene	<5									TM116 [#] _M	<5 ug/kg
Bromochloromethane	<14									TM116 [#]	<14 ug/kg
Chloroform	<8									TM116 [#] _M	<8 ug/kg
2,2-Dichloropropane	<12									TM116 [#]	<12 ug/kg
1,2-Dichloroethane	<5									TM116 [#]	<5 ug/kg
1,1,1-Trichloroethane	<7									TM116 [#] _M	<7 ug/kg
1,1-Dichloropropene	<11									TM116 [#] _M	<11 ug/kg
Benzene	<9									TM116 [#] _M	<9 ug/kg
Carbontetrachloride	<14									TM116 [#] _M	<14 ug/kg
Dibromomethane	<9									TM116 [#]	<9 ug/kg
1,2-Dichloropropane	<12									TM116 [#] _M	<12 ug/kg
Bromodichloromethane	<7									TM116 [#] _M	<7 ug/kg
Trichloroethene	<9									TM116 [#] _M	<9 ug/kg
cis-1-3-Dichloropropene	<14									TM116 [#] _M	<14 ug/kg
trans-1-3-Dichloropropene	<14									TM116 [#] _M	<14 ug/kg
1,1,2-Trichloroethane	<10									TM116 [#]	<10 ug/kg
Toluene	<5									TM116 [#] _M	<5 ug/kg

All results expressed on a dry weight basis.

Date 21.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
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* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** SOLID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP756F										
Depth (m)	0.5-0.6										
Sample Type	SOLID										
Sampled Date	06.03.07										
Sample Received Date	07.03.07										
Batch	2										
Sample Number(s)	62-64										
Volatile Organic Compounds (cont)											
1.3-Dichloropropane	<7									TM116 [#]	<7 ug/kg
Dibromochloromethane	<13									TM116 [#]	<13 ug/kg
1.2-Dibromoethane	<12									TM116 [#]	<12 ug/kg
Tetrachloroethene	<5									TM116 [#]	<5 ug/kg
1.1.1.2-Tetrachloroethane	<10									TM116 [#] _M	<10 ug/kg
Chlorobenzene	<5									TM116 [#] _M	<5 ug/kg
Ethylbenzene	<4									TM116 [#]	<4 ug/kg
p/m-Xylene	<14									TM116 [#]	<14 ug/kg
Bromoform	<10									TM116 [#]	<10 ug/kg
Styrene	<10									TM116 [#]	<10 ug/kg
1.1.2.2-Tetrachloroethane	<10									TM116 [#]	<10 ug/kg
o-Xylene	<10									TM116 [#]	<10 ug/kg
1.2.3-Trichloropropane	<17									TM116 [#]	<17 ug/kg
Isopropylbenzene	<5									TM116 [#]	<5 ug/kg
Bromobenzene	<10									TM116 [#] _M	<10 ug/kg
2-Chlorotoluene	<9									TM116 [#]	<9 ug/kg
Propylbenzene	<11									TM116 [#]	<11 ug/kg
4-Chlorotoluene	<12									TM116 [#]	<12 ug/kg
1.2.4-Trimethylbenzene	<9									TM116 [#]	<9 ug/kg
4-Isopropyltoluene	<11									TM116 [#]	<11 ug/kg
1.3.5-Trimethylbenzene	<8									TM116 [#]	<8 ug/kg
1.2-Dichlorobenzene	<12									TM116 [#] _M	<12 ug/kg
1.4-Dichlorobenzene	<5									TM116 [#] _M	<5 ug/kg
sec-Butylbenzene	<10									TM116 [#]	<10 ug/kg
tert-Butylbenzene	<12									TM116 [#]	<12 ug/kg
1.3-Dichlorobenzene	<6									TM116 [#]	<6 ug/kg
n-Butylbenzene	<10									TM116 [#]	<10 ug/kg
1.2-Dibromo-3-chloropropane	<14									TM116 [#]	<14 ug/kg
1.2.4-Trichlorobenzene	<6									TM116 [#]	<6 ug/kg
Naphthalene	<13									TM116 [#]	<13 ug/kg

All results expressed on a dry weight basis.

Date 21.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

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Date 21.03.2007

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Client Contact: Laura Newsome

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* Subcontracted test

» Shown on prev. report

Matrix: LIQUID

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

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Date 21.03.2007

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ISO 17025 accredited

M MCERTS accredited

* Subcontracted test

» Shown on prev. report

Matrix: LEACHATE

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

Arsenic Dissolved (NRA) (ICP-MS)	-	6	-	1	5					TM152	<1 ug/l
Boron Dissolved (NRA) (ICP-MS)	-	<10	-	16	<10					TM152	<10 ug/l
Cadmium Dissolved (NRA) (ICP-MS)	-	<0.4	-	<0.4	<0.4					TM152	<0.4 ug/l
Chromium Dissolved (NRA) (ICP-MS)	-	<1	-	3	<1					TM152	<1 ug/l
Copper Dissolved (NRA) (ICP-MS)	-	11	-	52	18					TM152	<1 ug/l
Lead Dissolved (NRA) (ICP-MS)	-	<1	-	<1	1					TM152	<1 ug/l
Nickel Dissolved (NRA) (ICP-MS)	-	17	-	7	4					TM152	<1 ug/l
Selenium Dissolved (NRA) (ICP-MS)	-	<1	-	<1	1					TM152	<1 ug/l
Zinc Dissolved (NRA) (ICP-MS)	-	26	-	31	31					TM152	<3 ug/l
Mercury Dissolved (NRA) (CVAA)	-	<0.05	-	<0.05	<0.05					TM127	<0.05 ug/l
Phosphate (Ortho as PO4) (NRA)	-	-	<0.08	-	0.18					TM100	<0.08 mg/l
Sulphate (NRA)	-	-	25	-	75					TM098	<3 mg/l
Total Cyanide (NRA)	-	<0.05	-	-	<0.05					TM153	<0.05 mg/l
pH (NRA)	-	-	7.63	-	8.17					TM133	<1.00 pH Units

Date 21.03.2007

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Client Contact: Laura Newsome

Date 21.03.2007

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ALcontrol Geochem Analytical Services

Table Of Results

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* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** LEACHATE
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	TP751F	TP752F	TP752F	TP753F	TP756F					Method Code	LoD/Units
Depth (m)	0.2	0.2-0.3	0.8	0.7	0.3						
Sample Type	SOLID	SOLID	SOLID	SOLID	SOLID						
Sampled Date	06.03.07	06.03.07	06.03.07	06.03.07	06.03.07						
Sample Received Date	07.03.07	07.03.07	07.03.07	07.03.07	07.03.07						
Batch	2	2	2	2	2						
Sample Number(s)	27-32	38-42	43-46	26,49-54,65	55-61						
PAHs											
2-Chloronaphthalene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
2-Methylnaphthalene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Acenaphthene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Acenaphthylene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Anthracene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Benzo(a)anthracene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Benzo(a)pyrene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Benzo(b)fluoranthene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Benzo(ghi)perylene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Benzo(k)fluoranthene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Chrysene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Dibenzo(a,h)anthracene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Fluoranthene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Fluorene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Indeno(1,2,3-cd)pyrene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Naphthalene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Phenanthrene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Pyrene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Phthalates											
Bis(2-ethylhexyl) phthalate (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Butylbenzyl phthalate (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Di-n-butyl phthalate (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Di-n-Octyl phthalate (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Diethyl phthalate (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Dimethyl phthalate (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
Other Semi-volatiles											
1,2-Dichlorobenzene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l
1,2,4-Trichlorobenzene (NRA)	<1	<1	-	-	-					TM143	<1 ug/l

Date 21.03.2007

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ISO 17025 accredited

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* Subcontracted test

» Shown on prev. report

Matrix: LEACHATE

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

Other Semi-volatiles (cont)

Date 21.03.2007

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10⁻⁷

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample ¹	Surrogate Corrected
TM024	Method 4500A & B, AWWA/APHA, 20th Ed., 1999	Determination of Exchangeable Ammonium in soil samples	✓	✓	WET	
TM070	Modified: US EPA Method 8250 & 625	Determination of Total Polychlorinated Biphenyls (PCB's) as Aroclor 1254 and the ICE 7 Congeners by GC-MS	✓		DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM098	Method 4500E, AWWA/APHA, 20th Ed., 1999	Determination of Sulphate using the Kone Analyser			NA	
TM100	BS 2690: Part 105:1983	Determination of Phosphate using the Kone Analyser			NA	
TM100	BS 2690: Part 105:1983	Determination of Phosphate using the Kone Analyser	✓		DRY	
TM102	Method 4500H, AWWA/APHA, 20th Ed., 1999	Determination of Total Oxidised Nitrogen using the Kone Analyser	✓		DRY	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		WET	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓	✓	WET	
TM127	Method 3112B, AWWA/APHA, 20th Ed., 1999	The Determination of Trace Level Mercury in Aqueous Media and Soil Extracts by Atomic Absorption Spectroscopy			NA	
TM127	Method 3112B, AWWA/APHA, 20th Ed., 1999	The Determination of Trace Level Mercury in Aqueous Media and Soil Extracts by Atomic Absorption Spectroscopy	✓		NA	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer			DRY	

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10⁻⁷

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample ¹	Surrogate Corrected
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓	✓	DRY	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter			NA	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter	✓	✓	WET	
TM143	Modified: US EPA Method 8270C	Determination of Semivolatile Organic Compounds by GC-MS			NA	
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS			NA	
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS	✓		NA	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser			NA	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser	✓	✓	WET	
TM154	In - house Method	Determination of Petroleum Hydrocarbons by EZ Flash GC-FID in the Carbon range C6- C40			WET	
TM157		Determination of SVOC in Soils by GC-MS extracted by sonication in DCM/Acetone			WET	
TM173		Determination of Speciated Extractable Petroleum Hydrocarbons in Soils by GC-FID	✓		DRY	
TM174		Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID			NA	
TM61/89		see TM061 and TM089 for details			WET	

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

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» Shown on prev. report

Client Contact: Laura Newsome

[illegible]

Date 30.03.2007

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]

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» Shown on prev. report

Client Contact: Laura Newsome

Date 26.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

Date 26.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** LIQUID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	ERM 1F	ERM 2F	WS102F							Method Code	LoD/Units
Depth (m)	-	-	-								
Sample Type	LIQUID	LIQUID	LIQUID								
Sampled Date	12.03.07	12.03.07	12.03.07								
Sample Received Date	13.03.07	13.03.07	13.03.07								
Batch	3	3	3								
Sample Number(s)	69-77	78-86	87-95								
PAHs											
2-Chloronaphthalene	<1	<1	<1							TM143	<1 ug/l
2-Methylnaphthalene	<1	<1	<1							TM143	<1 ug/l
Acenaphthene	<1	<1	<1							TM143	<1 ug/l
Acenaphthylene	<1	<1	<1							TM143	<1 ug/l
Anthracene	<1	<1	<1							TM143	<1 ug/l
Benzo(a)anthracene	<1	<1	<1							TM143	<1 ug/l
Benzo(a)pyrene	<1	<1	<1							TM143	<1 ug/l
Benzo(b)fluoranthene	<1	<1	<1							TM143	<1 ug/l
Benzo(ghi)perylene	<1	<1	<1							TM143	<1 ug/l
Benzo(k)fluoranthene	<1	<1	<1							TM143	<1 ug/l
Chrysene	<1	<1	<1							TM143	<1 ug/l
Dibenzo(a,h)anthracene	<1	<1	<1							TM143	<1 ug/l
Fluoranthene	<1	<1	<1							TM143	<1 ug/l
Fluorene	<1	<1	<1							TM143	<1 ug/l
Indeno(1,2,3-cd)pyrene	<1	<1	<1							TM143	<1 ug/l
Naphthalene	<1	<1	<1							TM143	<1 ug/l
Phenanthrene	<1	<1	<1							TM143	<1 ug/l
Pyrene	<1	<1	<1							TM143	<1 ug/l
Phthalates											
Bis(2-ethylhexyl) phthalate	<1	<1	<1							TM143	<1 ug/l
Butylbenzyl phthalate	<1	<1	<1							TM143	<1 ug/l
Di-n-butyl phthalate	<1	<1	<1							TM143	<1 ug/l
Di-n-Octyl phthalate	<1	<1	<1							TM143	<1 ug/l
Diethyl phthalate	<1	<1	<1							TM143	<1 ug/l
Dimethyl phthalate	<1	<1	<1							TM143	<1 ug/l
Other Semi-volatiles											
1,2-Dichlorobenzene	<1	<1	<1							TM143	<1 ug/l
1,2,4-Trichlorobenzene	<1	<1	<1							TM143	<1 ug/l

Date 26.03.2007

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ISO 17025 accredited

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* Subcontracted test

» Shown on prev. report

Matrix: LIQUID

Location: RHODIA WHITEHAVEN - PLOT F

Client Contact: Laura Newsome

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Date 26.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** LIQUID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	ERM 1F	ERM 2F	WS102F								
Depth (m)	-	-	-								
Sample Type	LIQUID	LIQUID	LIQUID								
Sampled Date	12.03.07	12.03.07	12.03.07								
Sample Received Date	13.03.07	13.03.07	13.03.07								
Batch	3	3	3								
Sample Number(s)	69-77	78-86	87-95								
Volatile Organic Compounds											
Dichlorodifluoromethane	<1	<1	<1							TM116 [#]	<1 ug/l
Chloromethane	<1	<1	<1							TM116 [#]	<1 ug/l
Vinyl Chloride	<1	<1	<1							TM116 [#]	<1 ug/l
Bromomethane	<1	<1	<1							TM116 [#]	<1 ug/l
Chloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
Trichlorofluoromethane	<1	<1	<1							TM116 [#]	<1 ug/l
trans-1-2-Dichloroethene	<1	<1	<1							TM116 [#]	<1 ug/l
Dichloromethane	<1	<1	<1							TM116 [#]	<1 ug/l
Carbon Disulphide	<1	<1	<1							TM116 [#]	<1 ug/l
1,1-Dichloroethene	<1	<1	<1							TM116 [#]	<1 ug/l
1,1-Dichloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
Methyl Tertiary Butyl Ether	<1	<1	<1							TM116 [#]	<1 ug/l
cis-1-2-Dichloroethene	<1	<1	<1							TM116 [#]	<1 ug/l
Bromochloromethane	<1	<1	<1							TM116 [#]	<1 ug/l
Chloroform	<1	<1	<1							TM116 [#]	<1 ug/l
2,2-Dichloropropane	<1	<1	<1							TM116 [#]	<1 ug/l
1,2-Dichloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
1,1,1-Trichloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
1,1-Dichloropropene	<1	<1	<1							TM116 [#]	<1 ug/l
Benzene	<1	<1	<1							TM116 [#]	<1 ug/l
Carbontetrachloride	<1	<1	<1							TM116 [#]	<1 ug/l
Dibromomethane	<1	<1	<1							TM116 [#]	<1 ug/l
1,2-Dichloropropane	<1	<1	<1							TM116 [#]	<1 ug/l
Bromodichloromethane	<1	<1	<1							TM116 [#]	<1 ug/l
Trichloroethene	<1	<1	<1							TM116 [#]	<1 ug/l
cis-1-3-Dichloropropene	<1	<1	<1							TM116 [#]	<1 ug/l
trans-1-3-Dichloropropene	<1	<1	<1							TM116 [#]	<1 ug/l
1,1,2-Trichloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
Toluene	<1	<1	<1							TM116 [#]	<1 ug/l
1,3-Dichloropropane	<1	<1	<1							TM116 [#]	<1 ug/l

Date 26.03.2007

Validated ☒
Preliminary ☐

ALcontrol Geochem Analytical Services

Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 07/04166/02/01 **Matrix:** LIQUID
Client: URS Corporation Limited **Location:** RHODIA WHITEHAVEN - PLOT F
Client Ref. No.: **Client Contact:** Laura Newsome

Sample Identity	ERM 1F	ERM 2F	WS102F								
Depth (m)	-	-	-								
Sample Type	LIQUID	LIQUID	LIQUID								
Sampled Date	12.03.07	12.03.07	12.03.07								
Sample Received Date	13.03.07	13.03.07	13.03.07								
Batch	3	3	3								
Sample Number(s)	69-77	78-86	87-95								
Volatile Organic Compounds (cont)											
Dibromochloromethane	<1	<1	<1							TM116 [#]	<1 ug/l
1,2-Dibromoethane	<1	<1	<1							TM116 [#]	<1 ug/l
Tetrachloroethene	<1	<1	<1							TM116 [#]	<1 ug/l
1,1,1,2-Tetrachloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
Chlorobenzene	<1	<1	<1							TM116 [#]	<1 ug/l
Ethylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
p/m-Xylene	<1	<1	<1							TM116 [#]	<1 ug/l
Bromoform	<1	<1	<1							TM116 [#]	<1 ug/l
Styrene	<1	<1	<1							TM116 [#]	<1 ug/l
1,1,2,2-Tetrachloroethane	<1	<1	<1							TM116 [#]	<1 ug/l
o-Xylene	<1	<1	<1							TM116 [#]	<1 ug/l
1,2,3-Trichloropropane	<1	<1	<1							TM116 [#]	<1 ug/l
Isopropylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
Bromobenzene	<1	<1	<1							TM116 [#]	<1 ug/l
2-Chlorotoluene	<1	<1	<1							TM116 [#]	<1 ug/l
Propylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
4-Chlorotoluene	<1	<1	<1							TM116 [#]	<1 ug/l
1,2,4-Trimethylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
4-Isopropyltoluene	<1	<1	<1							TM116 [#]	<1 ug/l
1,3,5-Trimethylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
1,2-Dichlorobenzene	<1	<1	<1							TM116 [#]	<1 ug/l
1,4-Dichlorobenzene	<1	<1	<1							TM116 [#]	<1 ug/l
sec-Butylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
tert-Butylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
1,3-Dichlorobenzene	<1	<1	<1							TM116 [#]	<1 ug/l
n-Butylbenzene	<1	<1	<1							TM116 [#]	<1 ug/l
1,2-Dibromo-3-chloropropane	<1	<1	<1							TM116 [#]	<1 ug/l
1,2,4-Trichlorobenzene	<1	<1	<1							TM116 [#]	<1 ug/l
Naphthalene	<1	<1	<1							TM116 [#]	<1 ug/l
1,2,3-Trichlorobenzene	<1	<1	<1							TM116 [#]	<1 ug/l

Date 26.03.2007

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» Shown on prev. report

Client Contact: Laura Newsome

Date 26.03.2007

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10⁻⁷

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample ¹	Surrogate Corrected
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			NA	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		NA	
TM097	Modified: US EPA Method 325.1 & 325.2	Determination of Chloride using the Kone Analyser	✓		NA	
TM098	Method 4500E, AWWA/APHA, 20th Ed., 1999	Determination of Sulphate using the Kone Analyser	✓		NA	
TM099	BS 2690: Part 7:1968 / BS 6068: Part 2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser	✓		NA	
TM100	BS 2690: Part 105:1983	Determination of Phosphate using the Kone Analyser	✓		NA	
TM102	Method 4500H, AWWA/APHA, 20th Ed., 1999	Determination of Total Oxidised Nitrogen using the Kone Analyser	✓		NA	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		NA	
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter	✓		NA	
TM127	Method 3112B, AWWA/APHA, 20th Ed., 1999	The Determination of Trace Level Mercury in Aqueous Media and Soil Extracts by Atomic Absorption Spectroscopy	✓		NA	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter	✓		NA	
TM143	Modified: US EPA Method 8270C	Determination of Semivolatile Organic Compounds by GC-MS			NA	
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS	✓		NA	
TM153	Method 4500A,B,C, I, M AWWA/APHA, 20th Ed., 1999	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate using the "Skalar SANS+ System" Segmented Flow Analyser	✓		NA	

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services

Table Of Results - Appendix

Job Number:

07/04166/02/01

Client:

URS Corporation Limited

Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}

NDP No Determination Possible

* Subcontracted test

NFD No Fibres Detected

» Result previously reported (Incremental reports only)

ISO 17025 accredited

M MCERTS Accredited

PFD	Possible Fibres Detected
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
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53	53
54	54
55	55
56	56
57	57
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60	60
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62	62
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67	67
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80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

EC Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

[illegible]

¹ Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services Table Of Results - Appendix

Job Number: 07/04166/02/01
Client: URS Corporation Limited
Client Ref. No.:

Summary of Coolbox temperatures

[illegible]