PROJECT: Trinity Point **REPORT NO: 50238**

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank
Moisture	%	1	SEP-001	<1

Result Codes

[INS]	:	Insufficient Sample for this test	[HBG]	:	Results not Reported due to High Background Interference
[NR]	:	Not Requested	*	:	Not part of NATA Accreditation
[NT]	:	Not tested	[N/A]	:	Not Applicable

Result Comments

Date Organics extraction commenced: N/A
NATA Corporate Accreditation No. 2562, Site No 4354
Note: Test results are not corrected for recovery (excluding Dioxins/Furans* and PAH in XAD and PUF).

Quality Control Protocol

Reagent Blank: Sample free reagents carried through the preparation/extraction/digestion procedure and analysed at the beginning of every sample batch analysis. For larger projects, a reagent blank is prepared and analysed with every 20 samples.
Duplicate: A separate portion of a sample being analysed which is treated the same as the other samples in the batch. A duplicate is prepared at least every 10 samples.
Matrix Spike Duplicates: Sample replicates spiked with identical concentrations of target analyte(s). The spiking occurs during the sample preparation and prior to the extraction/digestion procedure. They are used to document the precision and bias of a method in a given sample matrix. Where there is not enough sample available to prepare a spiked sample, another known soil/sand or water (or Milli-Q water) may be used. A duplicate spiked sample is prepared at least every 20 samples.
Surrogate Spike: Added to all samples requiring analysis for organics (where relevant) prior to extraction. Used to determine the extraction efficiency. They are organic compounds which are similar to the target analyte(s) in chemical composition and behaviour in the analytical process, but which are not normally found in environmental samples.
Internal Standard: Added to all samples requiring analysis for organics (where relevant) after the extraction process; the compounds serve to give a standard of retention time and response, which is invariant from run-to-run with the instruments.
Control Standards: Prepared from a source independent of the calibration standards. At least one control standard is included in each run to confirm calibration validity.
Additional QC Samples: A calibration standard and blank are run after every 20 samples of an instrumental analysis run to assess analytical drift.

SGS Environmental Services

16 / 33 Maddox Street
Alexandria
NSW 2015
Telephone No: 02 8594 0400
Facsimile No: 02 8594 0499

CHAIN OF CUSTODY & ANALYSIS REQUEST

Chain of Custody Number: ____________

PAGE of

Company Name:	David Lane Associates	Project Name/No:	Trinity Point
Address:	3 Isabella St	Purchase Order No:	
	Camperdown	Results Required By:	Shonelle Gleeson
	NSW 2050	Telephone:	02-9517-1153
Contact Name:	David Lane	Facsimile:	02-9517-3188

Client Sample ID	Lab Sample ID	WATER	SOIL	PRESERVATIVE	NO. CONTAINERS	TPH	BTEX	PAH	OC / OP / PCB	METALS (8)	TCLP PAH	TCLP METALS					
Dup 2a	1		✖	✖	1	X	X	X	X	X							
Dup 3a	2		✖	✖	1	X	X	X	X	X							
Dup 6a	3		✖	✖	1	X	X	X	X	X							
Dup 8a	4		✖	✖	1	X	X	X	X	X							
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												
			✖	✖	1												

SGS
Received 22/1/07
By [signature]
Time 12:15 am/pm
Samples intact .... yes/no
Ice/Cooler Pack .... yes/no
Comments: 50238

Relinquished By: ~~Nicola Rees~~	Date/Time: ~~25/05/2006 11:34 AM~~	Received By: [signature]	Date/Time 22/1/07
Relinquished By: Shonelle Gleeson	Date/Time: 22/1/07	Received By:	Date/Time
Samples Intact: YES / NO	Temperature: AMBIENT / CHILLED	Sample Cooler Sealed: YES / NO	Laboratory Quotation No: 50238

COMMENTS:

Validation Assessment Analytical Data (ASBESTOS)

AUSTRALIAN SAFER ENVIRONMENT & TECHNOLOGY PTY LTD

ABN 36 088 095 112

Our ref : ASET 10912/ 14092 / 1 - 10
Your ref: Trinity Point Validation
NATA Accreditation No: 14484

30 January 2007

David Lane Associates,
778 Old North Road,
Rothbury NSW 2335.

Attn:Mr David Lane,

Asbestos Identification
This report presents the results of ten samples, forwarded by David Lane Associates on 25 January 2007, for analysis for asbestos.

1.Introduction: Ten samples forwarded were examined and analysed for the presence of asbestos.

2. Methods : The samples were examined under a Stereo Microscope and selected fibres were analysed by Polarized Light Microscopy in conjunction with Dispersion Staining method **(Safer Environment Method 1.)**

3. Results :

Sample No. 1. ASET 10912 / 14092 / 1. TR - A1.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of sandy clayish soil, stones, plant matter, fragments of plaster and brick.
Chrysotile asbestos detected.

Sample No. 2. ASET 10912 / 14092 / 2. TP - A2.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of soil, stones, plant matter and fragments of plaster.
No asbestos detected.

Sample No. 3. ASET 10912 / 14092 / 3. TP - A3.
Approx dimensions 5.0 cm x 2.5 cm x 2.0 cm
The sample consisted of a mixture of sandy clayish soil, stones and plant matter.
No asbestos detected.

Sample No. 4. ASET 10912 / 14092 / 4. TP - A4.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of clayish sandy soil, stones and plant matter.
No asbestos detected.

Sample No. 5. ASET 10912 / 14092 / 5. TP - A5.
Approx dimensions 5.5 cm x 3.5 cm x 2.0 cm
The sample consisted of a mixture of soil, stones and plant matter.
No asbestos detected.

Sample No. 6. ASET 10912 / 14092 / 6. TP - A6.
Approx dimensions 5.5 cm x 4.0 cm x 2.0 cm
The sample consisted of a mixture of sandy clayish soil, stones and plant matter.
No asbestos detected.

Sample No. 7. ASET 10912 / 14092 / 7. TP - A7.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of sandy clayish soil, stones, organic fibre like fibres, plant matter and fragments of plaster.
No asbestos detected.

Sample No. 8. ASET 10912 / 14092 / 8. TP - A8.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of soil, stones, plant matter and fragments of plaster.
No asbestos detected.

Sample No. 9. ASET 10912 / 14092 / 9. TP - A9.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of soil, stones, plant matter and fragments of plaster.
No asbestos detected.

Sample No. 10. ASET 10912 / 14092 / 10. TP - A10.
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of sandy clayish soil, stones, plant matter, organic fibre like fibres and fragments of plaster.
No asbestos detected.

Analysed and reported by,

Karu Jayasundara. BSc (Hons) MAus IMM.
Mineralogist / Chartered Professional of Geology
Approved Signatory.

NATA
WORLD RECOGNISED
ACCREDITATION

CHAIN OF CUSTODY

DLA	**DAVID LANE ASSOCIATES** 2B/ 30 Leighton Place, Hornsby 778 Old North Road, Rothbury 2335	**Australian Safer Environment and Technology** POBOX 1644 – Hornsby Northgate 1635 02-9987 2151

Project Location:	**Morisset Park**
Project Description:	**Trinity Point**
Project Date:	**19/1/07**
Report As	**Trinity Point Validation**

SAMPLE ID	SAMPLE DATE	ANALYSIS REQUIRED	ASBESTOS CHECK
TP – A1		Asbestos ID	✔
TP – A2		Asbestos ID	✔
TP – A3		Asbestos ID	✔
TP – A4		Asbestos ID	✔
TP – A5		Asbestos ID	✔
TP – A6		Asbestos ID	✔
TP – A7		Asbestos ID	✔
TP – A8		Asbestos ID	✔
TP – A9		Asbestos ID	✔
TP – A10		Asbestos ID	✔

Relinquished By: Shonky Gleeson	**Signed:**	**Date: 20/1/07**	**Time: 3:58 PM**
Received By:	**Signed:**	**Date:**	**Time:**

AUSTRALIAN SAFER ENVIRONMENT & TECHNOLOGY PTY LTD

ABN 36 088 095 112

Our ref : ASET 11949/ 15129 / 1 - 1
Your ref: Morriset Park
NATA Accreditation No: 14484

9 May 2007

David Lane Associates
778 Old North Road
Rothbury NSW 2335.

Attn:Mr David Lane

Dear David,

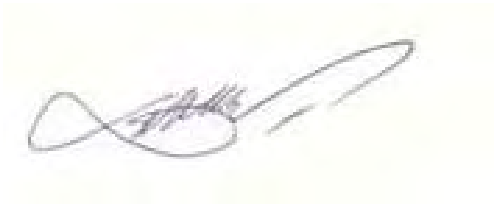
Asbestos Identification
This report presents the results of one sample, forwarded by David Lane Associates on 8 May 2007, for analysis for asbestos.

1.Introduction: One sample forwarded was examined and analysed for the presence of asbestos.

2. Methods : The sample was examined under a Stereo Microscope and selected fibres were analysed by Polarized Light Microscopy in conjunction with Dispersion Staining method **(Safer Environment Method 1.)**

3. Results : **Sample No. 1. ASET 11949 / 15129 / 1. Sample # 1.**
Approx dimensions 5.5 cm x 3.0 cm x 2.0 cm
The sample consisted of a mixture of clayish sandy soil, stones, plant matter and fragments of plaster.
No asbestos detected.

Analysed and reported by,



Karu Jayasundara. BSc (Hons) MAus IMM.
Mineralogist / Chartered Professional of Geology
Approved Signatory.

NATA
WORLD RECOGNISED
ACCREDITATION

CHAIN OF CUSTODY

DLA	**DAVID LANE ASSOCIATES** 2B/ 30 Leighton Place, Hornsby 778 Old North Road, Rothbury 2335	**Australian Safer Environment and Technology** POBOX 1644 – Hornsby Northgate 1635 02-9987 2151

Project Location:	**Morisset Park**
Project Description:	**Trinity Point**
Project Date:	**30/4/07**
Report As	**Trinity Point Validation**

SAMPLE ID	SAMPLE DATE	ANALYSIS REQUIRED	ASBESTOS CHECK
Sample 1	27/4/07	Asbestos ID	✔

Relinquished By: Shonelle Gleeson	**Signed:**	**Date: 30/4/07**	**Time: 4:00 PM**
Received By:	**Signed:**	**Date:**	**Time:**

Underground Storage Tank Analytical Data

Envirolab Services Pty Ltd
ABN 37 112 535 645
54 Frenchs Rd Willoughby NSW 2068
ph 02 9958 5801 fax 02 9958 5803
email: tnotaras@envirolabservices.com.au

CERTIFICATE OF ANALYSIS 7179

Client:
David Lane Associates
3 Isabella St
Camperdown
NSW 2050

Attention: David Lane

Sample log in details:

Your Reference:	**Morrisett Tank Validation**
No. of samples:	12 Soils
Date samples received:	13/09/06
Date completed instructions received:	13/09/06

Analysis Details:
Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by:	20/09/06
Date of Preliminary Report:	Not Issued
Issue Date:	18/09/06

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Accredited for compliance with ISO/IEC 17025.
Tests not covered by NATA are denoted with *.

Results Approved By:

Jacinta Hurst
Operations Manager

vTPH & BTEX in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-1 MP-1S 08/09/06 Soil	7179-3 MP-1E 08/09/06 Soil	7179-4 MP-1Ea 08/09/06 Soil	7179-6 MP-B1 08/09/06 Soil	7179-9 MP-2N 08/09/06 Soil
Date extracted	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Date analysed	--	16/09/2006	16/09/2006	16/09/2006	16/09/2006	16/09/2006
vTPH C_6 - C_9	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
m + p-Xylene	mg/kg	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
Surrogate aaa-Trifluorotoluene	%	107	104	105	105	107

vTPH & BTEX in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-11 MP-2W 08/09/06 Soil	7179-12 MP-2Wa 08/09/06 Soil
Date extracted	--	15/09/2006	15/09/2006
Date analysed	--	16/09/2006	16/09/2006
vTPH C_6 - C_9	mg/kg	<25	<25
Benzene	mg/kg	<1.0	<1.0
Toluene	mg/kg	<1.0	<1.0
Ethylbenzene	mg/kg	<1.0	<1.0
m + p-Xylene	mg/kg	<2.0	<2.0
o-Xylene	mg/kg	<1.0	<1.0
Surrogate aaa-Trifluorotoluene	%	106	104

sTPH in Soil (C10-C36)						
Our Reference:	UNITS	7179-1	7179-3	7179-4	7179-6	7179-9
Your Reference	----------	MP-1S	MP-1E	MP-1Ea	MP-B1	MP-2N
Date Sampled	----------	08/09/06	08/09/06	08/09/06	08/09/06	08/09/06
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
TPH C_{10} - C_{14}	mg/kg	<50	<50	<50	<50	<50
TPH C_{15} - C_{28}	mg/kg	<100	<100	<100	<100	<100
TPH C_{29} - C_{36}	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	96	96	96	96	97

sTPH in Soil (C10-C36)			
Our Reference:	UNITS	7179-11	7179-12
Your Reference	----------	MP-2W	MP-2Wa
Date Sampled	----------	08/09/06	08/09/06
Type of sample		Soil	Soil
Date extracted	--	15/09/2006	15/09/2006
Date analysed	--	15/09/2006	15/09/2006
TPH C_{10} - C_{14}	mg/kg	<50	<50
TPH C_{15} - C_{28}	mg/kg	<100	<100
TPH C_{29} - C_{36}	mg/kg	<100	<100
Surrogate o-Terphenyl	%	95	96

PAHs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-6 MP-B1 08/09/06 Soil	7179-7 MP-B2 08/09/06 Soil	7179-8 MP-1N 08/09/06 Soil	7179-9 MP-2N 08/09/06 Soil	7179-10 MP-1W 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b,k)fluoranthene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo(a)pyrene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate p-Terphenyl-d_{14}	%	94	94	95	93	94

PAHs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-11 MP-2W 08/09/06 Soil	7179-12 MP-2Wa 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006
Naphthalene	mg/kg	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1
Benzo(a)anthracene	mg/kg	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1
Benzo(b,k)fluoranthene	mg/kg	<0.2	<0.2
Benzo(a)pyrene	mg/kg	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1
Surrogate p-Terphenyl-d_{14}	%	95	95

PAHs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-1 MP-1S 08/09/06 Soil	7179-2 MP-2S 08/09/06 Soil	7179-3 MP-1E 08/09/06 Soil	7179-4 MP-1Ea 08/09/06 Soil	7179-5 MP-2E 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b,k)fluoranthene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo(a)pyrene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate p-Terphenyl-d_{14}	%	93	94	95	94	94

Organochlorine Pesticides in soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-1 MP-1S 08/09/06 Soil	7179-3 MP-1E 08/09/06 Soil	7179-4 MP-1Ea 08/09/06 Soil	7179-6 MP-B1 08/09/06 Soil	7179-9 MP-2N 08/09/06 Soil
Date extracted	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Date analysed	--	16/09/2006	16/09/2006	16/09/2006	16/09/2006	16/09/2006
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	99	95	94	95	98

Organochlorine Pesticides in soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-11 MP-2W 08/09/06 Soil	7179-12 MP-2Wa 08/09/06 Soil
Date extracted	--	15/09/2006	15/09/2006
Date analysed	--	16/09/2006	16/09/2006
HCB	mg/kg	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1
Surrogate TCLMX	%	101	97

Organophosphorus Pesticides Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-1 MP-1S 08/09/06 Soil	7179-3 MP-1E 08/09/06 Soil	7179-4 MP-1Ea 08/09/06 Soil	7179-6 MP-B1 08/09/06 Soil	7179-9 MP-2N 08/09/06 Soil
Date extracted	--	15/09/0036	15/09/0036	15/09/0036	15/09/0036	15/09/0036
Date analysed	--	16/09/2006	16/09/2006	16/09/2006	16/09/2006	16/09/2006
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyriphos-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyriphos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	99	95	94	95	98

Organophosphorus Pesticides Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-11 MP-2W 08/09/06 Soil	7179-12 MP-2Wa 08/09/06 Soil
Date extracted	--	15/09/0036	15/09/0036
Date analysed	--	16/09/2006	16/09/2006
Diazinon	mg/kg	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1
Chlorpyriphos-methyl	mg/kg	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1
Chlorpyriphos	mg/kg	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1
Surrogate TCLMX	%	101	97

PCBs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-1 MP-1S 08/09/06 Soil	7179-3 MP-1E 08/09/06 Soil	7179-4 MP-1Ea 08/09/06 Soil	7179-6 MP-B1 08/09/06 Soil	7179-9 MP-2N 08/09/06 Soil
Date extracted	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Date analysed	--	16/09/2006	16/09/2006	16/09/2006	16/09/2006	16/09/2006
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	99	95	94	95	98

PCBs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7179-11 MP-2W 08/09/06 Soil	7179-12 MP-2Wa 08/09/06 Soil
Date extracted	--	15/09/2006	15/09/2006
Date analysed	--	16/09/2006	16/09/2006
Arochlor 1016	mg/kg	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1
Surrogate TCLMX	%	101	97

Acid Extractable metals in soil						
Our Reference:	UNITS	7179-1	7179-2	7179-3	7179-4	7179-5
Your Reference	----------	MP-1S	MP-2S	MP-1E	MP-1Ea	MP-2E
Date Sampled	----------	08/09/06	08/09/06	08/09/06	08/09/06	08/09/06
Type of sample		Soil	Soil	Soil	Soil	Soil
Arsenic	mg/kg	<4.0	6.3	<4.0	<4.0	<4.0
Cadmium	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	mg/kg	17	11	10	10	13
Copper	mg/kg	5.9	8.0	7.2	4.1	3.8
Lead	mg/kg	6.1	15	4.3	4.0	4.8
Mercury	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	mg/kg	2.2	2.3	1.8	1.4	1.8
Zinc	mg/kg	8.7	22	9.2	6.0	7.4

Acid Extractable metals in soil						
Our Reference:	UNITS	7179-6	7179-7	7179-8	7179-9	7179-10
Your Reference	----------	MP-B1	MP-B2	MP-1N	MP-2N	MP-1W
Date Sampled	----------	08/09/06	08/09/06	08/09/06	08/09/06	08/09/06
Type of sample		Soil	Soil	Soil	Soil	Soil
Arsenic	mg/kg	<4.0	<4.0	<4.0	<4.0	<4.0
Cadmium	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	mg/kg	1.7	6.9	10	7.7	16
Copper	mg/kg	1.8	6.8	7.1	3.0	4.8
Lead	mg/kg	9.4	15	3.4	3.9	7.4
Mercury	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	mg/kg	<1.0	1.6	2.3	<1.0	1.2
Zinc	mg/kg	7.9	16	11	3.4	8.8

Acid Extractable metals in soil			
Our Reference:	UNITS	7179-11	7179-12
Your Reference	----------	MP-2W	MP-2Wa
Date Sampled	----------	08/09/06	08/09/06
Type of sample		Soil	Soil
Arsenic	mg/kg	<4.0	<4.0
Cadmium	mg/kg	<1.0	<1.0
Chromium	mg/kg	11	13
Copper	mg/kg	4.0	4.5
Lead	mg/kg	5.4	4.9
Mercury	mg/kg	<0.10	<0.10
Nickel	mg/kg	<1.0	<1.0
Zinc	mg/kg	3.6	4.2

Moisture						
Our Reference:	UNITS	7179-1	7179-2	7179-3	7179-4	7179-5
Your Reference	----------	MP-1S	MP-2S	MP-1E	MP-1Ea	MP-2E
Date Sampled	----------	08/09/06	08/09/06	08/09/06	08/09/06	08/09/06
Type of sample		Soil	Soil	Soil	Soil	Soil
Moisture	%	16	17	17	16	16

Moisture						
Our Reference:	UNITS	7179-6	7179-7	7179-8	7179-9	7179-10
Your Reference	----------	MP-B1	MP-B2	MP-1N	MP-2N	MP-1W
Date Sampled	----------	08/09/06	08/09/06	08/09/06	08/09/06	08/09/06
Type of sample		Soil	Soil	Soil	Soil	Soil
Moisture	%	14	14	14	14	17

Moisture			
Our Reference:	UNITS	7179-11	7179-12
Your Reference	----------	MP-2W	MP-2Wa
Date Sampled	----------	08/09/06	08/09/06
Type of sample		Soil	Soil
Moisture	%	15	16

Method ID	Methodology Summary
GC.16	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
GC.14	Soil samples extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
GC.3	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.
GC.12	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
GC-5	Soil samples are extracted with hexane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
GC.8	Soil samples are extracted with hexane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
GC-6	Soil samples are extracted with hexane/acetone and waters with dichloromethane and analysed by GC-ECD.
Metals.20	Determination of various metals by ICP-AES.
Metals.21	Determination of Mercury by Cold Vapour AAS.
LAB.8	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.

QUALITY CONTROL vTPH & BTEX in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7179-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7179-1	16/09/2006 || 16/09/2006	[NR]	[NR]
vTPH C_6 - C_9	mg/kg	25	GC.16	<25	7179-1	<25 || <25	7179-3	82%
Benzene	mg/kg	1	GC.14	<1.0	7179-1	<1.0 || <1.0	7179-3	60%
Toluene	mg/kg	1	GC.14	<1.0	7179-1	<1.0 || <1.0	7179-3	83%
Ethylbenzene	mg/kg	1	GC.14	<1.0	7179-1	<1.0 || <1.0	7179-3	72%
m + p-Xylene	mg/kg	2	GC.14	<2.0	7179-1	<2.0 || <2.0	7179-3	101%
o-Xylene	mg/kg	1	GC.14	<1.0	7179-1	<1.0 || <1.0	7179-3	92%
Surrogate aaa-Trifluorotoluene	%		GC.14	[NT]	7179-1	107 || 104 || RPD: 3	7179-3	102%
QUALITY CONTROL sTPH in Soil (C10-C36)	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7179-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7179-1	15/09/2006 || 15/09/2006	[NR]	[NR]
TPH C_{10} - C_{14}	mg/kg	50	GC.3	<50	7179-1	<50 || <50	7179-3	88%
TPH C_{15} - C_{28}	mg/kg	100	GC.3	<100	7179-1	<100 || <100	7179-3	88%
TPH C_{29} - C_{36}	mg/kg	100	GC.3	<100	7179-1	<100 || <100	7179-3	110%
QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7179-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7179-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Naphthalene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	7179-3	106%
Acenaphthylene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Acenaphthene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Fluorene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	7179-3	116%
Phenanthrene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	7179-3	120%
Anthracene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Fluoranthene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	7179-3	124%
Pyrene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	7179-3	118%
Benzo(a)anthracene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Chrysene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	7179-3	126%
Benzo(b,k)fluoranthene	mg/kg	0.2	GC.12	<0.2	7179-1	<0.2 || <0.2	[NR]	[NR]
Benzo(a)pyrene	mg/kg	0.05	GC.12	<0.05	7179-1	<0.05 || <0.05	7179-3	112%
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	0.1	GC.12	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Surrogate p-Terphenyl-d_{14}	%		GC.12	[NT]	7179-1	93 || 96 || RPD: 3	7179-3	94%

QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7179-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7179-1	16/09/2006 || 16/09/2006	[NR]	[NR]
HCB	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
alpha-BHC	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	116%
gamma-BHC	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
beta-BHC	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	124%
Heptachlor	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	95%
delta-BHC	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Aldrin	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	108%
Heptachlor Epoxide	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	111%
gamma-Chlordane	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Endosulfan I	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
pp-DDE	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	115%
Dieldrin	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	115%
Endrin	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	99%
pp-DDD	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	123%
Endosulfan II	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
pp-DDT	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	7179-3	108%
Methoxychlor	mg/kg	0.1	GC-5	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Surrogate TCLMX	%		GC-5	[NT]	7179-1	99 || 97 || RPD: 2	7179-3	95%

QUALITY CONTROL Organophosphorus Pesticides	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7179-1	15/09/0036 || 15/09/0036	[NR]	[NR]
Date analysed	--			[NT]	7179-1	16/09/2006 || 16/09/2006	[NR]	[NR]
Diazinon	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Dimethoate	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Chlorpyriphos-methyl	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Ronnel	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Chlorpyriphos	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	7179-3	97%
Fenitrothion	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	7179-3	136%
Bromophos-ethyl	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Ethion	mg/kg	0.1	GC.8	<0.1	7179-1	<0.1 || <0.1	7179-3	69%
Surrogate TCLMX	%		GC.8	[NT]	7179-1	99 || 97 || RPD: 2	7179-3	115%
QUALITY CONTROL PCBs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7179-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7179-1	16/09/2006 || 16/09/2006	[NR]	[NR]
Arochlor 1016	mg/kg	0.1	GC-6	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	GC-6	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	GC-6	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	GC-6	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	GC-6	<0.1	7179-1	<0.1 || <0.1	7179-3	95%
Arochlor 1260	mg/kg	0.1	GC-6	<0.1	7179-1	<0.1 || <0.1	[NR]	[NR]
Surrogate TCLMX	%		GC-6	[NT]	7179-1	99 || 97 || RPD: 2	7179-3	97%
QUALITY CONTROL Acid Extractable metals in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Arsenic	mg/kg	4	Metals.20	<4.0	7179-8	<4.0 || <4.0	AGAL-10	107%
Cadmium	mg/kg	1	Metals.20	<1.0	7179-8	<1.0 || <1.0	AGAL-10	100%
Chromium	mg/kg	1	Metals.20	<1.0	7179-8	10 || 10 || RPD: 0	AGAL-10	110%
Copper	mg/kg	1	Metals.20	<1.0	7179-8	7.1 || 7.1 || RPD: 0	AGAL-10	106%
Lead	mg/kg	1	Metals.20	<1.0	7179-8	3.4 || 3.5 || RPD: 3	AGAL-10	107%
Mercury	mg/kg	0.1	Metals.21	<0.10	7179-8	<0.10 || <0.10	AGAL-10	100%
Nickel	mg/kg	1	Metals.20	<1.0	7179-8	2.3 || 2.3 || RPD: 0	AGAL-10	109%
Zinc	mg/kg	1	Metals.20	<1.0	7179-8	11 || 11 || RPD: 0	AGAL-10	98%

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD
Moisture	%	0.1	LAB.8	<0.10	7179-1	16 || 16 || RPD: 0

QUALITY CONTROL vTPH & BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	--	[NT]	[NT]	[NR]	[NR]
Date analysed	--	[NT]	[NT]	[NR]	[NR]
vTPH C_6 - C_9	mg/kg	[NT]	[NT]	LCS	92%
Benzene	mg/kg	[NT]	[NT]	LCS	68%
Toluene	mg/kg	[NT]	[NT]	LCS	95%
Ethylbenzene	mg/kg	[NT]	[NT]	LCS	84%
m + p-Xylene	mg/kg	[NT]	[NT]	LCS	112%
o-Xylene	mg/kg	[NT]	[NT]	LCS	101%
Surrogate aaa-Trifluorotoluene	%	[NT]	[NT]	LCS	104%

QUALITY CONTROL sTPH in Soil (C10-C36)	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	--	[NT]	[NT]	[NR]	[NR]
Date analysed	--	[NT]	[NT]	[NR]	[NR]
TPH C_{10} - C_{14}	mg/kg	[NT]	[NT]	LCS	94%
TPH C_{15} - C_{28}	mg/kg	[NT]	[NT]	LCS	90%
TPH C_{29} - C_{36}	mg/kg	[NT]	[NT]	LCS	110%

QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	--	7179-11	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--	7179-11	15/09/2006 || 15/09/2006	[NR]	[NR]
Naphthalene	mg/kg	7179-11	<0.1 || <0.1	LCS	109%
Acenaphthylene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]
Acenaphthene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]
Fluorene	mg/kg	7179-11	<0.1 || <0.1	LCS	119%
Phenanthrene	mg/kg	7179-11	<0.1 || <0.1	LCS	125%
Anthracene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]
Fluoranthene	mg/kg	7179-11	<0.1 || <0.1	LCS	124%
Pyrene	mg/kg	7179-11	<0.1 || <0.1	LCS	122%
Benzo(a)anthracene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]
Chrysene	mg/kg	7179-11	<0.1 || <0.1	LCS	135%
Benzo(b,k)fluoranthene	mg/kg	7179-11	<0.2 || <0.2	[NR]	[NR]
Benzo(a)pyrene	mg/kg	7179-11	<0.05 || <0.05	LCS	110%
Indeno(1,2,3-c,d)pyrene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	7179-11	<0.1 || <0.1	[NR]	[NR]

QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Surrogate p-Terphenyl-d_{14}	%	7179-11	95 || 96 || RPD: 1	LCS	92%
QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	--	[NT]	[NT]	[NR]	[NR]
Date analysed	--	[NT]	[NT]	[NR]	[NR]
HCB	mg/kg	[NT]	[NT]	[NR]	[NR]
alpha-BHC	mg/kg	[NT]	[NT]	LCS	99%
gamma-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
beta-BHC	mg/kg	[NT]	[NT]	LCS	105%
Heptachlor	mg/kg	[NT]	[NT]	LCS	88%
delta-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
Aldrin	mg/kg	[NT]	[NT]	LCS	101%
Heptachlor Epoxide	mg/kg	[NT]	[NT]	LCS	97%
gamma-Chlordane	mg/kg	[NT]	[NT]	[NR]	[NR]
alpha-chlordane	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan I	mg/kg	[NT]	[NT]	[NR]	[NR]
pp-DDE	mg/kg	[NT]	[NT]	LCS	99%
Dieldrin	mg/kg	[NT]	[NT]	LCS	99%
Endrin	mg/kg	[NT]	[NT]	LCS	108%
pp-DDD	mg/kg	[NT]	[NT]	LCS	108%
Endosulfan II	mg/kg	[NT]	[NT]	[NR]	[NR]
pp-DDT	mg/kg	[NT]	[NT]	[NR]	[NR]
Endrin Aldehyde	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	mg/kg	[NT]	[NT]	LCS	134%
Methoxychlor	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate TCLMX	%	[NT]	[NT]	LCS	117%

QUALITY CONTROL Organophosphorus Pesticides	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	--	[NT]	[NT]	[NR]	[NR]
Date analysed	--	[NT]	[NT]	[NR]	[NR]
Diazinon	mg/kg	[NT]	[NT]	[NR]	[NR]
Dimethoate	mg/kg	[NT]	[NT]	[NR]	[NR]
Chlorpyriphos-methyl	mg/kg	[NT]	[NT]	[NR]	[NR]
Ronnel	mg/kg	[NT]	[NT]	[NR]	[NR]
Chlorpyriphos	mg/kg	[NT]	[NT]	LCS	107%
Fenitrothion	mg/kg	[NT]	[NT]	LCS	140%
Bromophos-ethyl	mg/kg	[NT]	[NT]	[NR]	[NR]
Ethion	mg/kg	[NT]	[NT]	LCS	69%
Surrogate TCLMX	%	[NT]	[NT]	LCS	123%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	--	[NT]	[NT]	[NR]	[NR]
Date analysed	--	[NT]	[NT]	[NR]	[NR]
Arochlor 1016	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	mg/kg	[NT]	[NT]	LCS	82%
Arochlor 1260	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate TCLMX	%	[NT]	[NT]	LCS	97%

QUALITY CONTROL Moisture	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Moisture	%	7179-11	15 || 15 || RPD: 0

Report Comments:

Asbestos analysed by: Not applicable for this job

INS: Insufficient sample for this test	NT: Not tested	PQL: Practical Quanitation Limit
RPD: Relative Percent Difference	NA: Test not required	LCS: Laboratory Control Sample
NR: Not requested	<: Less than	>: Greater than

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria:

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 20-140% for SVOC and speciated phenols is acceptable. Surrogates: Generally 60-140% is acceptable.

CHAIN OF CUSTODY - Client

Envirolab

ENVIROLAB SERVICES

Client: David Hare Associates	Client Project Name: Morrisett Tank Validation
Contact: David Hare	Client Project No.:
Address: 3 Isabella St Camperdown NSW 2050	EnvirolabServices Quote No. :
Email: dlassociates@bigpond.com	Results Required By: Normal Turnaround.
Phone: 9517 1153	
Fax: 9517 3188	

Envirolab Services
54 Frenchs Rd, Willoughby, NSW, 2068
Phone: 02 9958 5801
Fax: 02 9958 5803
E-mail: tnotaras@envirolabservices.com.au
Contact : Tania Notaras

Sample Type eg: (Soil, Clay, Groundwater, Surface Water, Wastewater)	Sample Details eg: (Depth, Odour, Time)	Date Samples Collected	Client Sample ID	Envirolab Services Sample ID 7179	BTEX	TPH	PAH	OC/OP/PCB	Metals (8)					Comments
Clay/Soil	Wall	8/9/06	MP-1S	1	x	x	x	x	x					6
	Wall	8/9/06	MP-2S	2			x		x					
	Wall	8/9/06	MP-1E	3	x	x	x	x	x					6
	Wall	8/9/06	MP-1Ea	4	x	x	x	x	x					
	Wall	8/9/06	MP-2E	5			x		x					6
	Base	8/9/06	MP-B1	6	x	x	x	x	x					
	Base	8/9/06	MP-B2	7			x		x					
	Wall	8/9/06	MP-1N	8			x		x					
	Wall	8/9/06	MP-2N	9	x	x	x	x	x					6
	Wall	8/9/06	MP-1W	10			x		x					
	Wall	8/9/06	MP-2W	11	x	x	x	x	x					6
	Wall	8/9/06	MP-2Wa	12	x	x	x	x	x					6

Envirolab Services
Date Received: 13/9/06
Received By: AH
Job No. 7179

Relinquished by: DLA	Received by: Envirolab
Print Name: Nicola Rees	Print Name: Aileen
Date & Time: 13/9/06	Date & Time: 13/9/06
Signature:	Signature: AH

Samples Received: Cool or Ambient (circle one)
Temperature Recieved at: (if applicable)

Page No:

Envirolab Services Pty Ltd
ABN 37 112 535 645
54 Frenchs Rd Willoughby NSW 2068
ph 02 9958 5801 fax 02 9958 5803
email: tnotaras@envirolabservices.com.au

CERTIFICATE OF ANALYSIS 7183

Client:
David Lane Associates
3 Isabella St
Camperdown
NSW 2050

Attention: David Lane

Sample log in details:

Your Reference:	**Morrisett Waste**
No. of samples:	5 Soils
Date samples received:	13/09/06
Date completed instructions received:	13/09/06

Analysis Details:
Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by:	20/09/06
Date of Preliminary Report:	Not Issued
Issue Date:	19/09/06

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Accredited for compliance with ISO/IEC 17025.
Tests not covered by NATA are denoted with *.

Results Approved By:

Jacinta Hurst
Operations Manager

Giovanni Agosti
Senior Inorganic Chemist

vTPH & BTEX in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006
vTPH C_6 - C_9	mg/kg	<25	<25	<25	<25
Benzene	mg/kg	<1.0	<1.0	<1.0	<1.0
Toluene	mg/kg	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	mg/kg	<1.0	<1.0	<1.0	<1.0
m + p-Xylene	mg/kg	<2.0	<2.0	<2.0	<2.0
o-Xylene	mg/kg	<1.0	<1.0	<1.0	<1.0
Surrogate aaa-Trifluorotoluene	%	87	86	96	100

sTPH in Soil (C10-C36) Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006
TPH C_{10} - C_{14}	mg/kg	<50	<50	<50	<50
TPH C_{15} - C_{28}	mg/kg	<100	<100	<100	<100
TPH C_{29} - C_{36}	mg/kg	<100	<100	<100	<100
Surrogate o-Terphenyl	%	94	93	94	92

PAHs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-4 MP-SP2N-1 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b,k)fluoranthene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo(a)pyrene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate p-Terphenyl-d_{14}	%	93	94	93	93	92

Organochlorine Pesticides in soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	94	93	93	90

Organophosphorus Pesticides Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1
Chlorpyriphos-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1	<0.1	<0.1
Chlorpyriphos	mg/kg	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	94	93	93	90

PCBs in Soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Date extracted	--	14/09/2006	14/09/2006	14/09/2006	14/09/2006
Date analysed	--	15/09/2006	15/09/2006	15/09/2006	15/09/2006
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	94	93	93	90

Acid Extractable metals in soil Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-4 MP-SP2N-1 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Arsenic	mg/kg	<4.0	<4.0	<4.0	<4.0	<4.0
Cadmium	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	mg/kg	9.1	11	12	7.5	19
Copper	mg/kg	9.5	13	9.2	4.5	12
Lead	mg/kg	11	30	9.8	4.7	120
Mercury	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	mg/kg	6.4	3.8	4.0	1.3	4.5
Zinc	mg/kg	35	56	18	7.9	96

Moisture Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-4 MP-SP2N-1 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
Moisture	%	13	18	16	13	9.0

Metals in TCLP Our Reference: Your Reference Date Sampled Type of sample	UNITS ---------- ----------	7183-1 MP-SP1S-1 08/09/06 Soil	7183-2 MP-SP1S-2 08/09/06 Soil	7183-3 MP-SP1Sa 08/09/06 Soil	7183-4 MP-SP2N-1 08/09/06 Soil	7183-5 MP-SP2N-2 08/09/06 Soil
pH of soil for fluid# determ.	pH units	6.00	6.60	4.90	5.60	6.40
pH of soil for fluid # determ. (acid)	pH units	1.30	1.30	1.30	1.30	1.30
Extraction fluid used	-	1	1	1	1	1
pH of final Leachate	pH units	4.90	4.90	5.00	5.00	5.00
Arsenic in TCLP	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05
Cadmium in TCLP	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium in TCLP	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Copper in TCLP	mg/L	<0.01	<0.01	<0.01	0.01	<0.01
Lead in TCLP	mg/L	<0.03	<0.03	<0.03	<0.03	<0.03
Mercury in TCLP	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nickel in TCLP	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc in TCLP	mg/L	0.14	0.14	0.11	0.13	0.38

PAHs in TCLP (USEPA 1311)						
Our Reference:	UNITS	7183-1	7183-2	7183-3	7183-4	7183-5
Your Reference	----------	MP-SP1S-1	MP-SP1S-2	MP-SP1Sa	MP-SP2N-1	MP-SP2N-2
Date Sampled	----------	08/09/06	08/09/06	08/09/06	08/09/06	08/09/06
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	--	18/09/2006	18/09/2006	18/09/2006	18/09/2006	18/09/2006
Date analysed	--	18/09/2006	18/09/2006	18/09/2006	18/09/2006	18/09/2006
Naphthalene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Acenaphthylene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Acenaphthene	mg/L	<0.001	<0.001	<0.001	0.002	<0.001
Fluorene	mg/L	<0.001	<0.001	<0.001	0.003	<0.001
Phenanthrene	mg/L	<0.001	<0.001	<0.001	0.007	<0.001
Anthracene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Fluoranthene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Pyrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(a)anthracene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Chrysene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(b,k)fluoranthene	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Benzo(a)pyrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Indeno(1,2,3-c,d)pyrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Dibenzo(a,h)anthracene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(g,h,i)perylene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Surrogate p-Terphenyl-d_{14}	%	87	109	98	98	107

Method ID	Methodology Summary
GC.16	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
GC.14	Soil samples extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
GC.3	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.
GC.12	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
GC-5	Soil samples are extracted with hexane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
GC.8	Soil samples are extracted with hexane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
GC-6	Soil samples are extracted with hexane/acetone and waters with dichloromethane and analysed by GC-ECD.
Metals.20	Determination of various metals by ICP-AES.
Metals.21	Determination of Mercury by Cold Vapour AAS.
LAB.8	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
EXTRACT.7	Toxicity Characteristic Leaching Procedure (TCLP).

QUALITY CONTROL vTPH & BTEX in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7183-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7183-1	15/09/2006 || 15/09/2006	[NR]	[NR]
vTPH C_6 - C_9	mg/kg	25	GC.16	<25	7183-1	<25 || <25	LCS	90%
Benzene	mg/kg	1	GC.14	<1.0	7183-1	<1.0 || <1.0	LCS	83%
Toluene	mg/kg	1	GC.14	<1.0	7183-1	<1.0 || <1.0	LCS	100%
Ethylbenzene	mg/kg	1	GC.14	<1.0	7183-1	<1.0 || <1.0	LCS	82%
m + p-Xylene	mg/kg	2	GC.14	<2.0	7183-1	<2.0 || <2.0	LCS	98%
o-Xylene	mg/kg	1	GC.14	<1.0	7183-1	<1.0 || <1.0	LCS	88%
Surrogate aaa-Trifluorotoluene	%		GC.14	[NT]	7183-1	87 || 106 || RPD: 20	LCS	100%
QUALITY CONTROL sTPH in Soil (C10-C36)	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7183-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7183-1	15/09/2006 || 15/09/2006	[NR]	[NR]
TPH C_{10} - C_{14}	mg/kg	50	GC.3	<50	7183-1	<50 || <50	LCS	95%
TPH C_{15} - C_{28}	mg/kg	100	GC.3	<100	7183-1	<100 || <100	LCS	84%
TPH C_{29} - C_{36}	mg/kg	100	GC.3	<100	7183-1	<100 || <100	LCS	100%
QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7183-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7183-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Naphthalene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	LCS	110%
Acenaphthylene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Acenaphthene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Fluorene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	LCS	113%
Phenanthrene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	LCS	114%
Anthracene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Fluoranthene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	LCS	114%
Pyrene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	LCS	110%
Benzo(a)anthracene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Chrysene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	LCS	129%
Benzo(b,k)fluoranthene	mg/kg	0.2	GC.12	<0.2	7183-1	<0.2 || <0.2	[NR]	[NR]
Benzo(a)pyrene	mg/kg	0.05	GC.12	<0.05	7183-1	<0.05 || <0.05	LCS	101%
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	0.1	GC.12	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Surrogate p-Terphenyl-d_{14}	%		GC.12	[NT]	7183-1	93 || 92 || RPD: 1	LCS	93%

QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7183-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7183-1	15/09/2006 || 15/09/2006	[NR]	[NR]
HCB	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
alpha-BHC	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	125%
gamma-BHC	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
beta-BHC	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	137%
Heptachlor	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	125%
delta-BHC	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Aldrin	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	129%
Heptachlor Epoxide	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	127%
gamma-Chlordane	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Endosulfan I	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
pp-DDE	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	128%
Dieldrin	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	130%
Endrin	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	135%
pp-DDD	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	140%
Endosulfan II	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
pp-DDT	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	LCS	135%
Methoxychlor	mg/kg	0.1	GC-5	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Surrogate TCLMX	%		GC-5	[NT]	7183-1	94 || 93 || RPD: 1	LCS	94%

QUALITY CONTROL Organophosphorus Pesticides	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7183-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7183-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Diazinon	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Dimethoate	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Chlorpyriphos-methyl	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Ronnel	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Chlorpyriphos	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	LCS	108%
Fenitrothion	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	LCS	81%
Bromophos-ethyl	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Ethion	mg/kg	0.1	GC.8	<0.1	7183-1	<0.1 || <0.1	LCS	77%
Surrogate TCLMX	%		GC.8	[NT]	7183-1	94 || 93 || RPD: 1	LCS	118%
QUALITY CONTROL PCBs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	7183-1	14/09/2006 || 14/09/2006	[NR]	[NR]
Date analysed	--			[NT]	7183-1	15/09/2006 || 15/09/2006	[NR]	[NR]
Arochlor 1016	mg/kg	0.1	GC-6	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	GC-6	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	GC-6	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	GC-6	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	GC-6	<0.1	7183-1	<0.1 || <0.1	LCS	108%
Arochlor 1260	mg/kg	0.1	GC-6	<0.1	7183-1	<0.1 || <0.1	[NR]	[NR]
Surrogate TCLMX	%		GC-6	[NT]	7183-1	94 || 93 || RPD: 1	LCS	92%
QUALITY CONTROL Acid Extractable metals in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Arsenic	mg/kg	4	Metals.20	<4.0	[NT]	[NT]	AGAL-10	107%
Cadmium	mg/kg	1	Metals.20	<1.0	[NT]	[NT]	AGAL-10	100%
Chromium	mg/kg	1	Metals.20	<1.0	[NT]	[NT]	AGAL-10	110%
Copper	mg/kg	1	Metals.20	<1.0	[NT]	[NT]	AGAL-10	106%
Lead	mg/kg	1	Metals.20	<1.0	[NT]	[NT]	AGAL-10	107%
Mercury	mg/kg	0.1	Metals.21	<0.10	[NT]	[NT]	AGAL-10	100%
Nickel	mg/kg	1	Metals.20	<1.0	[NT]	[NT]	AGAL-10	109%
Zinc	mg/kg	1	Metals.20	<1.0	[NT]	[NT]	AGAL-10	98%

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD
Moisture	%	0.1	LAB.8	<0.10	7183-1	13 || 13 || RPD: 0

QUALITY CONTROL Metals in TCLP	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Arsenic in TCLP	mg/L	0.05	Metals.20	<0.05	[NT]	[NT]	LCS	106%
Cadmium in TCLP	mg/L	0.01	Metals.20	<0.01	[NT]	[NT]	LCS	97%
Chromium in TCLP	mg/L	0.01	Metals.20	<0.01	[NT]	[NT]	LCS	97%
Copper in TCLP	mg/L	0.01	Metals.20	<0.01	[NT]	[NT]	LCS	98%
Lead in TCLP	mg/L	0.03	Metals.20	<0.03	[NT]	[NT]	LCS	93%
Mercury in TCLP	mg/L	0.0005	Metals.21	<0.0005	[NT]	[NT]	LCS	91%
Nickel in TCLP	mg/L	0.02	Metals.20	<0.02	[NT]	[NT]	LCS	96%
Zinc in TCLP	mg/L	0.02	Metals.20	<0.02	[NT]	[NT]	LCS	100%

QUALITY CONTROL PAHs in TCLP (USEPA 1311)	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	--			[NT]	[NT]	[NT]	[NR]	[NR]
Date analysed	--			[NT]	[NT]	[NT]	[NR]	[NR]
Naphthalene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	114%
Acenaphthylene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Acenaphthene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Fluorene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	117%
Phenanthrene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	115%
Anthracene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Fluoranthene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	121%
Pyrene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	115%
Benzo(a)anthracene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	128%
Benzo(b,k)fluoranthene	mg/L	0.002	GC.12	<0.002	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	LCS	114%
Indeno(1,2,3-c,d)pyrene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene	mg/L	0.001	GC.12	<0.001	[NT]	[NT]	[NR]	[NR]
Surrogate p-Terphenyl-d_{14}	%		GC.12	[NT]	[NT]	[NT]	LCS	104%

Report Comments:

Asbestos analysed by: Not applicable for this job

INS: Insufficient sample for this test	NT: Not tested	PQL: Practical Quanitation Limit
RPD: Relative Percent Difference	NA: Test not required	LCS: Laboratory Control Sample
NR: Not requested	<: Less than	>: Greater than

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria:

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 20-140% for SVOC and speciated phenols is acceptable. Surrogates: Generally 60-140% is acceptable.

CHAIN OF CUSTODY - Client

Envirolab

ENVIROLAB SERVICES

Client: David Lane Associates	Client Project Name: Morrisett Waste.
Contact: David Lane	Client Project No.:
Address: 3 Isabella St Camperdown NSW 2050	EnvirolabServices Quote No. :
Email: dlassociates@bigpond.com	Results Required By: Normal Turnaround
Phone: 9517 1153	
Fax: 9517 3188	

Envirolab Services
54 Frenchs Rd, Willoughby, NSW, 2068
Phone: 02 9958 5801
Fax: 02 9958 5803
E-mail: tnotaras@envirolabservices.com.au
Contact : Tania Notaras

Sample Type eg: (Soil, Clay, Groundwater, Surface Water, Wastewater)	Sample Details eg: (Depth, Odour, Time)	Date Samples Collected	Client Sample ID	Envirolab Services Sample ID	BTEX	TPH	OCP/OPP/PCB	Metals (8)	PAH	TCLP Metals	TCLP PAH			Comments
Soil/Clay	Stockpile	8/9/06	MP-SP1S-1	1	x	x	x	x	x	x	x			6
Soil/Clay	Stockpile	8/9/06	MP-SP1S-2	2	x	x	x	x	x	x	x			6
Soil/Clay	Stockpile	8/9/06	MP-SP1Sa	3	x	x	x	x	x	x	x			6
Soil/Clay	Stockpile	8/9/06	MP-SP2N-1	4				x	x	x	x			
Soil/Clay	Stockpile	8/9/06	MP-SP2N-2	5	x	x	x	x	x	x	x			6

Envirolab Services

Date Received: 13/9/06

Received By: AH

Job No. 7483

Relinquished by: DLA		Received by: Envirolab	Samples Received: Cool or Ambient (circle one)
Print Name: Nicola Rees		Print Name: Arleen	Temperature Recieved at: (if applicable)
Date & Time: 13/9/06		Date & Time: 13/9/06	
Signature:		Signature: AH	

Effluent Treatment System Analytical Data

CUSTOMER CENTRIC - ANALYTICAL CHEMISTS

FINAL CERTIFICATE OF ANALYSIS - ENVIRONMENTAL DIVISION

Laboratory Report No:	E029038
Client Name:	David Lane Associates
Client Reference:	Trinity Point
Contact Name:	David Lane
Chain of Custody No:	na
Sample Matrix:	SOIL

Cover Page 1 of 4
plus Sample Results

Date Received: 02/11/2006
Date Reported: 09/11/2006

This Final Certificate of Analysis consists of sample results, DQI's, method descriptions, laboratory definitions, and internationally recognised NATA accreditation and endorsement. The DQO compliance relates specifically to QA/QC results as performed as part of the sample analysis, and may provide an indication of sample result quality. Transfer of report ownership from Labmark to the client shall only occur once full & final payment has been settled and verified. All report copies may be retracted where full payment has not occured within the agreed settlement period.

QUALITY ASSURANCE CRITERIA

Accuracy:	matrix spike:	1 in first 5-20, then 1 every 20 samples
	lcs, crm, method:	1 per analytical batch
	surrogate spike:	addition per target organic method
Precision:	laboratory duplicate:	1 in first 5-10, then 1 every 10 samples
	laboratory triplicate:	re-extracted & reported when duplicate RPD values exceed acceptance criteria
Holding Times:	soils, waters:	Refer to LabMark Preservation & THT table VOC's 14 days water / soil VAC's 7 days water or 14 days acidified VAC's 14 days soil SVOC's 7 days water, 14 days soil Pesticides 7 days water, 14 days soil Metals 6 months general elements Mercury 28 days
Confirmation:	target organic analysis:	GC/MS, or confirmatory column
Sensitivity:	EQL:	Typically 2-5 x Method Detection Limit (MDL)

QUALITY CONTROL GLOBAL ACCEPTANCE CRITERIA (GAC)

Accuracy:	spike, lcs, crm surrogate:	general analytes 70% - 130% recovery phenol analytes 50% - 130% recovery organophosphorous pesticide analytes 60% - 130% recovery phenoxy acid herbicides 50% - 130% recovery
	anion/cation bal:	+/- 10% (0-3 meq/l), +/- 5% (>3 meq/l)
Precision:	method blank:	not detected >95% of the reported EQL
	duplicate lab RPD (metals):	0-30% (>10xEQL), 0-75% (5-10xEQL) 0-100% (<5xEQL)
	duplicate lab RPD:	0-50% (>10xEQL), 0-75% (5-10xEQL) 0-100% (<5xEQL)

QUALITY CONTROL ANALYTE SPECIFIC ACCEPTANCE CRITERIA (ASAC)

Accuracy:	spike, lcs, crm surrogate:	analyte specific recovery data <3xsd of historical mean
Uncertainty:	spike, lcs:	measurement calculated from historical analyte specific control charts

RESULT ANNOTATION

DQO:	Data Quality Objective	s:	matrix spike recovery	p:	pending
DQI:	Data Quality Indicator	d:	laboratory duplicate	lcs:	laboratory control sample
EQL:	Estimated Quantitation Limit	t:	laboratory triplicate	crm:	certified reference material
- - :	not applicable	r:	RPD relative % difference	mb:	method blank

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NEPC GUIDELINE COMPLIANCE - DQO

1. GENERAL

A. Results relate specifically to samples as received. Sample results are not corrected for matrix spike, lcs, or surrogate recovery data.

B. EQL's are matrix dependant and may be increased due to sample dilution or matrix interference.

C. Laboratory QA/QC samples are specific to this project.

D. Inter-laboratory proficiency results are available upon request. NATA accreditation details available at www.nata.asn.au.

E. VOC spikes & surrogates added to samples during extraction, SVOC spikes & surrogates added prior to extraction.

F. Recovery data outside GAC limits shall be investigated and compared to ASAC (historical mean +/- 3sd). If recovery data <20%, then the relevant results for that compound are considered not reliable.

G. Recovery data (ms, surrogate, crm, lcs) outside ASAC limits shall initiate an investigative action. Anomolous QC data is examined in conjunction with other QC samples and a final decision whether to accept or reject results is provided by the professional judgement of the senior analyst. The USEPA-CLP National Functional Guidelines are referred to for specific recommendations.

H. Extraction (preparation) date refers to the date that sample preparation was initiated. Note that certain methods not requiring sample preparation (eg. VOCs in water, etc) may report a common extraction and analysis date.

I. LabMark shall maintain an official copy of this Certificate of Analysis for all tracable reference purposes.

2. CHAIN OF CUSTODY (COC) & SAMPLE RECEIPT NOTICE (SRN) REQUIREMENTS

A. SRN issued to client upon sample receipt & login verification.

B. Preservation & sampling date details specified on COC and SRN, unless noted.

C. Sample Integrity & Validated Time of Sample Receipt (VTSR) Holding Times verified (preservation may extend holding time, refer to preservation chart).

3. NATA ACCREDITED METHODS

A. NATA accreditation held for each method and sample matrix type reported, unless noted below.

B. NATA accredited in-house laboratory methods are referenced from NEPC, ASTM, modified USEPA / APHA documents. Corporate Accreditation No. 13542.

C. Subcontracted analyses: Refer to Sample Receipt Notice and additional DQO comments.

LabMark PTY LTD ABN 27 079 798 397
* SYDNEY: Unit 1, 8 Leighton Place Asquith NSW 2077 * MELBOURNE: 116 Moray Street, South Melbourne VIC 3205
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4. QA/QC FREQUENCY COMPLIANCE TABLE SPECIFIC TO THIS REPORT

Matrix: **SOIL**

Page:	Method:	Totals:	#d	%d-ratio	#t	#s	%s-ratio
1	BTEX by P&T	6	1	17%	0	1	17%
1	Volatile TPH by P&T (vTPH)	6	1	17%	0	1	17%
3	Petroleum Hydrocarbons (TPH)	6	1	17%	0	1	17%
5	Polyaromatic Hydrocarbons (PAH)	30	3	10%	0	2	7%
9	Organochlorine Pesticides (OC)	13	2	15%	0	1	8%
11	Organophosphorus Pesticides (OP)	13	2	15%	0	1	8%
13	Polychlorinated Biphenyls (PCB)	13	2	15%	0	1	8%
18	Acid extractable metals (M7)	30	3	10%	0	2	7%
23	Acid extractable mercury	30	3	10%	0	2	7%
29	Moisture	30	--	--	--	--	--

Matrix: **SOIL-LEACHATE**

Page:	Method:	Totals:	#d	%d-ratio	#t	#s	%s-ratio
15	TCLP Preparation	6	0	0%	0	0	0%
16	TCLP PAHs	6	1	17%	0	1	17%
26	TCLP metals (M7)	6	1	17%	0	1	17%
28	TCLP mercury	6	1	17%	0	1	17%

GLOSSARY:

#d	number of discrete duplicate extractions/analyses performed.
%d-ratio	NEPC guideline for laboratory duplicates is 1 in 10 samples (min 10%).
#t	number of triplicate extractions/analyses performed.
#s	number of spiked samples analysed.
%s-ratio	USEPA guideline for laboratory matrix spikes is 1 in 20 samples (min 5%).

LabMark PTY LTD ABN 27 079 798 397
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5. THERE ARE NO ADDITIONAL COMMENTS SPECIFIC TO THIS REPORT

A. All tests were conducted by LabMark Environmental Sydney, NATA accreditation No. 13542, Corporate Site No. 13535., unless indicated below.

Laboratory QA/QC data shall relate specifically to this report, and may provide an indication of site specific sample result quality. LabMark DOES NOT report NON-RELEVANT BATCH QA/QC data. Acceptance of this self assessment certificate does not preclude any requirement for a QA/QC review by a accredited contaminated site EPA auditor, when and wherever necessary. Laboratory QA/QC self assessment references available upon request.

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Laboratory Report No: E029038
Client Name: David Lane Associates
Contact Name: David Lane
Client Reference Trinity Point

Page: 1 of 30
plus cover page
Date: 09/11/06
This report supercedes reports issued on: N/A

Final
Certificate
of Analysis

Laboratory Identification		53199	53200	53206	53207	53208	53209	53206d	53206r	53207s	lcs
Sample Identification		TP-IF-4	TP-IF-4a	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	--	3/11/06	3/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	--	6/11/06	6/11/06
Method : E002.2											
BTEX by P&T	**EQL**										
Benzene	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	104%	114%
Toluene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	114%	112%
Ethylbenzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	113%	104%
meta- and para-Xylene	1	<1	<1	<1	<1	<1	<1	<1	--	124%	104%
ortho-Xylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	125%	100%
Total Xylene	--	--	--	--	--	--	--	--	--	--	--
CDFB (Surr @ 10mg/kg)	--	*94%*	*92%*	*95%*	*92%*	*89%*	*86%*	*94%*	*1%*	*107%*	*102%*
Method : E003.2											
Volatile TPH by P&T (vTPH)	**EQL**										
C6 - C9 Fraction	10	<10	<10	<10	<10	<10	<10	<10	--	90%	105%

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E002.2: 8-10g soil extracted with 20ml methanol. Analysis by P&T/GC/PID/MSD.
E003.2: 8-10g soil extracted with 20ml methanol. Analysis by P&T/GC/FID.

Laboratory Identification		**mb**									
Sample Identification		QC									
Depth (m)		--									
Sampling Date recorded on COC		--									
Laboratory Extraction (Preparation) Date		3/11/06									
Laboratory Analysis Date		6/11/06									
Method : E002.2											
BTEX by P&T	**EQL**										
Benzene	0.2	<0.2									
Toluene	0.5	<0.5									
Ethylbenzene	0.5	<0.5									
meta- and para-Xylene	1	<1									
ortho-Xylene	0.5	<0.5									
Total Xylene	--	--									
CDFB (Surr @ 10mg/kg)	--	*95%*									
Method : E003.2											
Volatile TPH by P&T (vTPH)	**EQL**										
C6 - C9 Fraction	10	<10									

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E002.2: 8-10g soil extracted with 20ml methanol. Analysis by P&T/GC/PID/MSD.
E003.2: 8-10g soil extracted with 20ml methanol. Analysis by P&T/GC/FID.

Laboratory Identification		**53199**	**53200**	**53206**	**53207**	**53208**	**53209**	**53206d**	**53206r**	**53207s**	**lcs**
Sample Identification		TP-IF-4	TP-IF-4a	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	--	3/11/06	3/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	--	6/11/06	6/11/06
Method : E006.2											
Petroleum Hydrocarbons (TPH)	**EQL**										
C10 - C14 Fraction	50	<50	<50	70	<50	<50	<50	80	13%	--	--
C15 - C28 Fraction	100	<100	<100	<100	<100	<100	<100	110	--	90%	85%
C29 - C36 Fraction	100	<100	<100	<100	100	150	310	110	--	--	--
Sum of TPH C10 - C36	--	--	--	70	100	150	310	300	124%	--	--

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E006.2: 8-10g soil extracted with 20ml DCM/Acetone (8:2). Analysis by GC/FID.

Laboratory Identification		**mb**									
Sample Identification		QC									
Depth (m)		--									
Sampling Date recorded on COC		--									
Laboratory Extraction (Preparation) Date		3/11/06									
Laboratory Analysis Date		6/11/06									
Method : E006.2											
Petroleum Hydrocarbons (TPH)	**EQL**										
C10 - C14 Fraction	50	<50									
C15 - C28 Fraction	100	<100									
C29 - C36 Fraction	100	<100									
Sum of TPH C10 - C36	--	--									

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E006.2: 8-10g soil extracted with 20ml DCM/Acetone (8:2). Analysis by GC/FID.

Laboratory Identification		**53196**	**53197**	**53198**	**53199**	**53200**	**53201**	**53202**	**53203**	**53204**	**53205**
Sample Identification		TP-IF-1	TP-IF-2	TP-IF-3	TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-1	TP-S-2
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E007.2											
Polyaromatic Hydrocarbons (PAH)	**EQL**										
Naphthalene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenanthrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoranthene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benz(a)anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chrysene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(b)&(k)fluoranthene	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(a) pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Indeno(1,2,3-c,d)pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenz(a,h)anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g,h,i)perylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sum of reported PAHs	--	--	--	--	--	--	--	--	--	--	--
2-FBP (Surr @ 5mg/kg)	--	*113%*	*106%*	*108%*	*104%*	*106%*	*98%*	*109%*	*114%*	*112%*	*73%*
TP-d14 (Surr @ 5mg/kg)	--	*121%*	*106%*	*116%*	*109%*	*112%*	*108%*	*120%*	*121%*	*113%*	*75%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E007.2: 8-10g soil extracted with 20ml DCM/acetone (8:2). Analysis by GC/MS.

Laboratory Identification		**53206**	**53207**	**53208**	**53209**	**53210**	**53211**	**53212**	**53213**	**53214**	**53215**
Sample Identification		TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-4	TP-ST1-5	TP-ST1-6	TP-ST1-7	TP-ST1-8	TP-ST2-9
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06
Method : E007.2											
Polyaromatic Hydrocarbons (PAH)	**EQL**										
Naphthalene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenanthrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoranthene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benz(a)anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chrysene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(b)&(k)fluoranthene	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(a) pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Indeno(1,2,3-c,d)pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenz(a,h)anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g,h,i)perylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sum of reported PAHs	--	--	--	--	--	--	--	--	--	--	--
2-FBP (Surr @ 5mg/kg)	--	*126%*	*103%*	*99%*	*106%*	*105%*	*110%*	*123%*	*105%*	*109%*	*107%*
TP-d14 (Surr @ 5mg/kg)	--	*124%*	*115%*	*106%*	*110%*	*106%*	*115%*	*127%*	*107%*	*116%*	*106%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E007.2: 8-10g soil extracted with 20ml DCM/acetone (8:2). Analysis by GC/MS.

Laboratory Identification		**53216**	**53217**	**53218**	**53219**	**53220**	**53221**	**53222**	**53223**	**53224**	**53225**
Sample Identification		TP-ST2-10	TP-ST2-11	TP-ST2-12	TP-ST2-13	TP-ST3-1	TP-ST3-2	TP-ST3-3	TP-ST3-4	TP-ST3-5	TP-ST3-5a
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06	8/11/06
Method : E007.2											
Polyaromatic Hydrocarbons (PAH)	**EQL**										
Naphthalene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenanthrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoranthene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benz(a)anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chrysene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(b)&(k)fluoranthene	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(a) pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Indeno(1,2,3-c,d)pyrene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenz(a,h)anthracene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g,h,i)perylene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sum of reported PAHs	--	--	--	--	--	--	--	--	--	--	--
2-FBP (Surr @ 5mg/kg)	--	*112%*	*119%*	*117%*	*106%*	*123%*	*120%*	*106%*	*107%*	*102%*	*108%*
TP-d14 (Surr @ 5mg/kg)	--	*112%*	*117%*	*124%*	*105%*	*121%*	*119%*	*106%*	*106%*	*105%*	*111%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E007.2: 8-10g soil extracted with 20ml DCM/acetone (8:2). Analysis by GC/MS.

Laboratory Identification		53206d	53206r	53213d	53213r	53222d	53222r	53207s	53223s	lcs	mb
Sample Identification		QC	QC	QC	QC	QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		--	--	--	--	--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	--	3/11/06	--	3/11/06	--	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	--	8/11/06	--	8/11/06	--	7/11/06	8/11/06	6/11/06	6/11/06
Method : E007.2											
Polyaromatic Hydrocarbons (PAH)	**EQL**										
Naphthalene	0.5	<0.5	--	<0.5	--	<0.5	--	81%	112%	104%	<0.5
Acenaphthylene	0.5	<0.5	--	<0.5	--	<0.5	--	83%	114%	107%	<0.5
Acenaphthene	0.5	<0.5	--	<0.5	--	<0.5	--	82%	112%	104%	<0.5
Fluorene	0.5	<0.5	--	<0.5	--	<0.5	--	84%	112%	104%	<0.5
Phenanthrene	0.5	<0.5	--	<0.5	--	<0.5	--	89%	111%	104%	<0.5
Anthracene	0.5	<0.5	--	<0.5	--	<0.5	--	82%	118%	106%	<0.5
Fluoranthene	0.5	<0.5	--	<0.5	--	<0.5	--	89%	112%	106%	<0.5
Pyrene	0.5	<0.5	--	<0.5	--	<0.5	--	92%	112%	104%	<0.5
Benz(a)anthracene	0.5	<0.5	--	<0.5	--	<0.5	--	89%	114%	110%	<0.5
Chrysene	0.5	<0.5	--	<0.5	--	<0.5	--	79%	112%	111%	<0.5
Benzo(b)&(k)fluoranthene	1	<1	--	<1	--	<1	--	91%	118%	112%	<1
Benzo(a) pyrene	0.5	<0.5	--	<0.5	--	<0.5	--	84%	116%	111%	<0.5
Indeno(1,2,3-c,d)pyrene	0.5	<0.5	--	<0.5	--	<0.5	--	76%	99%	104%	<0.5
Dibenz(a,h)anthracene	0.5	<0.5	--	<0.5	--	<0.5	--	75%	96%	104%	<0.5
Benzo(g,h,i)perylene	0.5	<0.5	--	<0.5	--	<0.5	--	75%	100%	102%	<0.5
Sum of reported PAHs	--	--	--	--	--	--	--	--	--	--	--
2-FBP (Surr @ 5mg/kg)	--	*107%*	*16%*	*104%*	*1%*	*111%*	*5%*	*76%*	*110%*	*103%*	*99%*
TP-d14 (Surr @ 5mg/kg)	--	*116%*	*7%*	*112%*	*5%*	*111%*	*5%*	*86%*	*108%*	*107%*	*102%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E007.2: 8-10g soil extracted with 20ml DCM/acetone (8:2). Analysis by GC/MS.

Laboratory Identification		**53199**	**53200**	**53201**	**53202**	**53203**	**53206**	**53207**	**53208**	**53209**	**53213**
Sample Identification		TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-7
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E013.2											
Organochlorine Pesticides (OC)	**EQL**										
a-BHC	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
b-BHC	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
g-BHC (Lindane)	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
d-BHC	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aldrin	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor epoxide	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-chlordane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan I	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-chlordane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4,4-DDE	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan II	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4,4-DDD	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan sulphate	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4,4-DDT	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methoxychlor	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DBC (Surr @ 0.2mg/kg)	--	*106%*	*128%*	*118%*	*107%*	*123%*	*105%*	*128%*	*110%*	*112%*	*106%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments: ## Percent recovery not available due to interference from the sample.

E013.2: 8-10g soil extracted with 20ml hexane/acetone (1:1). Analysis by GC/dual ECD.

Laboratory Identification		53214	53224	53225	53206d	53206r	53213d	53213r	53207s	lcs	mb
Sample Identification		TP-ST1-8	TP-ST3-5	TP-ST3-5a	QC	QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	--	--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	--	3/11/06	--	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	--	7/11/06	--	9/11/06	6/11/06	6/11/06
Method : E013.2											
Organochlorine Pesticides (OC)	**EQL**										
a-BHC	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	121%	109%	<0.05
Hexachlorobenzene	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	121%	124%	<0.05
b-BHC	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	108%	118%	<0.05
g-BHC (Lindane)	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	117%	117%	<0.05
d-BHC	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	120%	117%	<0.05
Heptachlor	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	116%	117%	<0.05
Aldrin	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	117%	114%	<0.05
Heptachlor epoxide	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	##	114%	<0.05
trans-chlordane	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	119%	115%	<0.05
Endosulfan I	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	100%	114%	<0.05
cis-chlordane	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	100%	114%	<0.05
Dieldrin	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	107%	115%	<0.05
4,4-DDE	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	106%	116%	<0.05
Endrin	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	##	117%	<0.05
Endosulfan II	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	122%	123%	<0.05
4,4-DDD	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	108%	111%	<0.05
Endosulfan sulphate	0.05	<0.05	<0.05	<0.05	<0.05	--	<0.05	--	122%	116%	<0.05
4,4-DDT	0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	--	118%	114%	<0.2
Methoxychlor	0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	--	90%	122%	<0.2
DBC (Surr @ 0.2mg/kg)	--	*96%*	*124%*	*95%*	*81%*	*26%*	*99%*	*7%*	*109%*	*103%*	*99%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments: ## Percent recovery not available due to interference from the sample.

E013.2: 8-10g soil extracted with 20ml hexane/acetone (1:1). Analysis by GC/dual ECD.

Laboratory Identification		**53199**	**53200**	**53201**	**53202**	**53203**	**53206**	**53207**	**53208**	**53209**	**53213**
Sample Identification		TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-7
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E014.2											
Organophosphorus Pesticides (OP)	**EQL**										
Dichlorvos	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Mevinphos (Phosdrin)	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Demeton (total)	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethoprop	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Monocrotophos	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phorate	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimethoate	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diazinon	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Disulfoton	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl parathion	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ronnel	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fenitrothion	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Malathion	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorpyrifos	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fenthion	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Parathion	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Stirofos	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Prothiofos	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Azinophos methyl	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Coumaphos	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TPP (Surr @ 2mg/kg)	--	*99%*	*97%*	*94%*	*98%*	*110%*	*124%*	*101%*	*96%*	*104%*	*99%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E014.2: 8-10g soil extracted with 20ml hexane/acetone (1:1). Analysis by GC/MSD.

Laboratory Identification		53214	53224	53225	53206d	53206r	53213d	53213r	53207s	lcs	mb
Sample Identification		TP-ST1-8	TP-ST3-5	TP-ST3-5a	QC	QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	--	--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	--	3/11/06	--	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	--	7/11/06	--	7/11/06	7/11/06	7/11/06
Method : E014.2											
Organophosphorus Pesticides (OP)	**EQL**										
Dichlorvos	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	119%	108%	<0.5
Mevinphos (Phosdrin)	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	121%	107%	<0.5
Demeton (total)	1	<1	<1	<1	<1	--	<1	--	93%	99%	<1
Ethoprop	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	105%	95%	<0.5
Monocrotophos	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	128%	112%	<0.5
Phorate	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	100%	98%	<0.5
Dimethoate	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	121%	103%	<0.5
Diazinon	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	109%	105%	<0.5
Disulfoton	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	105%	107%	<0.5
Methyl parathion	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	130%	101%	<0.5
Ronnel	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	118%	102%	<0.5
Fenitrothion	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	131%	106%	<0.5
Malathion	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	130%	107%	<0.5
Chlorpyrifos	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	116%	103%	<0.5
Fenthion	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	126%	112%	<0.5
Parathion	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	129%	103%	<0.5
Stirofos	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	115%	108%	<0.5
Prothiofos	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	104%	104%	<0.5
Azinophos methyl	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	128%	114%	<0.5
Coumaphos	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	111%	102%	<0.5
TPP (Surr @ 2mg/kg)	--	*103%*	*95%*	*98%*	*101%*	*20%*	*100%*	*1%*	*93%*	*96%*	*95%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E014.2: 8-10g soil extracted with 20ml hexane/acetone (1:1). Analysis by GC/MSD.

Laboratory Identification		**53199**	**53200**	**53201**	**53202**	**53203**	**53206**	**53207**	**53208**	**53209**	**53213**
Sample Identification		TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-7
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E013.2											
Polychlorinated Biphenyls (PCB)	**EQL**										
Arochlor 1016	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arochlor 1232	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arochlor 1242	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arochlor 1248	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arochlor 1254	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arochlor 1260	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sum of reported PCBs	--	--	--	--	--	--	--	--	--	--	--
DBC (Surr @ 0.2mg/kg)	--	*106%*	*128%*	*118%*	*107%*	*123%*	*105%*	*128%*	*110%*	*112%*	*106%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E013.2: 8-10g soil extracted with 20ml hexane/acetone (1:1). Analysis by GC/dual ECD.

Laboratory Identification		**53214**	**53224**	**53225**	**53206d**	**53206r**	**53213d**	**53213r**	**53207s**	**lcs**	**mb**
Sample Identification		TP-ST1-8	TP-ST3-5	TP-ST3-5a	QC	QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	--	--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	--	3/11/06	--	3/11/06	3/11/06	3/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	--	7/11/06	--	7/11/06	6/11/06	6/11/06
Method : E013.2											
Polychlorinated Biphenyls (PCB)	**EQL**										
Arochlor 1016	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	--	<0.5
Arochlor 1232	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	--	<0.5
Arochlor 1242	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	--	<0.5
Arochlor 1248	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	124%	111%	<0.5
Arochlor 1254	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	--	<0.5
Arochlor 1260	0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	--	<0.5
Sum of reported PCBs	--	--	--	--	--	--	--	--	--	--	--
DBC (Surr @ 0.2mg/kg)	--	*96%*	*124%*	*95%*	*81%*	*26%*	*99%*	*7%*	*104%*	*100%*	*99%*

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E013.2: 8-10g soil extracted with 20ml hexane/acetone (1:1). Analysis by GC/dual ECD.

Laboratory Identification		**53204**	**53205**	**53206**	**53207**	**53208**	**53209**				
Sample Identification		TP-S-1	TP-S-2	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2				
Depth (m)		--	--	--	--	--	--				
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06				
Laboratory Extraction (Preparation) Date		3/11/06	3/11/06	3/11/06	3/11/06	3/11/06	3/11/06				
Laboratory Analysis Date		--	--	--	--	--	--				
Method : E019.2											
TCLP Preparation	**EQL**										
TCLP Fluid No.	--	1	1	1	1	1	1				
Initial pH (pH units)	--	6.2	4.1	4.1	4.1	6.4	6.7				
pH after HCl (pH units)	--	2.0	--	--	--	2.0	2.1				
Final pH (pH units)	--	4.9	4.9	4.9	4.9	5.0	4.9				

Results expressed in pH units unless otherwise specified

Comments:

E019.2: Soil leached for 18 hours with fluid as specified above . Refer to relevant water method for results.

Laboratory Identification		**53204**	**53205**	**53206**	**53207**	**53208**	**53209**	**53206d**	**53206r**	**53207s**	**lcs**
Sample Identification		TP-S-1	TP-S-2	TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	--	--	--	--
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	--	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	--	6/11/06	6/11/06
Method : E007.1											
TCLP PAHs	**EQL**										
Naphthalene	1	<1	<1	<1	<1	<1	<1	<1	--	79%	78%
Acenaphthylene	1	<1	<1	<1	<1	<1	<1	<1	--	87%	81%
Acenaphthene	1	<1	<1	<1	<1	<1	<1	<1	--	85%	82%
Fluorene	1	<1	<1	<1	<1	<1	<1	<1	--	93%	85%
Phenanthrene	1	<1	<1	<1	<1	<1	<1	<1	--	94%	83%
Anthracene	1	<1	<1	<1	<1	<1	<1	<1	--	94%	82%
Fluoranthene	1	<1	<1	<1	<1	<1	<1	<1	--	100%	87%
Pyrene	1	<1	<1	<1	<1	<1	<1	<1	--	98%	87%
Benz(a)anthracene	1	<1	<1	<1	<1	<1	<1	<1	--	103%	79%
Chrysene	1	<1	<1	<1	<1	<1	<1	<1	--	104%	93%
Benzo(b)&(k)fluoranthene	2	<2	<2	<2	<2	<2	<2	<2	--	104%	83%
Benzo(a) pyrene	1	<1	<1	<1	<1	<1	<1	<1	--	100%	81%
Indeno(1,2,3-c,d)pyrene	1	<1	<1	<1	<1	<1	<1	<1	--	95%	79%
Dibenz(a,h)anthracene	1	<1	<1	<1	<1	<1	<1	<1	--	97%	80%
Benzo(g,h,i)perylene	1	<1	<1	<1	<1	<1	<1	<1	--	97%	80%
Sum of reported PAHs	--	--	--	--	--	--	--	--	--	--	--
2-FBP (Surr @ 250ug/l)	--	*82%*	*76%*	*75%*	*83%*	*76%*	*76%*	*82%*	*9%*	*86%*	*83%*
TP-d14 (Surr @ 250ug/l)	--	*90%*	*83%*	*86%*	*96%*	*88%*	*83%*	*96%*	*11%*	*100%*	*94%*

Results expressed in ug/l unless otherwise specified

Comments:

E007.1: Triple extraction with DCM. Analysis by GC/MS. Results expressed as in the leachate.

Laboratory Identification		**mb**									
Sample Identification		QC									
Depth (m)		--									
Sampling Date recorded on COC		--									
Laboratory Extraction (Preparation) Date		6/11/06									
Laboratory Analysis Date		6/11/06									
Method : E007.1											
TCLP PAHs	**EQL**										
Naphthalene	1	<1									
Acenaphthylene	1	<1									
Acenaphthene	1	<1									
Fluorene	1	<1									
Phenanthrene	1	<1									
Anthracene	1	<1									
Fluoranthene	1	<1									
Pyrene	1	<1									
Benz(a)anthracene	1	<1									
Chrysene	1	<1									
Benzo(b)&(k)fluoranthene	2	<2									
Benzo(a) pyrene	1	<1									
Indeno(1,2,3-c,d)pyrene	1	<1									
Dibenz(a,h)anthracene	1	<1									
Benzo(g,h,i)perylene	1	<1									
Sum of reported PAHs	--	--									
2-FBP (Surr @ 250ug/l)	--	*82%*									
TP-d14 (Surr @ 250ug/l)	--	*91%*									

Results expressed in ug/l unless otherwise specified

Comments:

E007.1: Triple extraction with DCM. Analysis by GC/MS. Results expressed as in the leachate.

Laboratory Identification		**53196**	**53197**	**53198**	**53199**	**53200**	**53201**	**53202**	**53203**	**53204**	**53205**
Sample Identification		TP-IF-1	TP-IF-2	TP-IF-3	TP-IF-4	TP-IF-4a	TP-TA-1	TP-TA-2	TP-TA-2a	TP-S-1	TP-S-2
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Method : E022.2											
Acid extractable metals (M7)	**EQL**										
Arsenic	1	3	4	3	3	3	<1	<1	<1	12	7
Cadmium	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
Chromium	1	18	20	12	21	21	3	3	2	30	15
Copper	2	10	<2	7	<2	2	<2	<2	<2	32	13
Nickel	1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1
Lead	2	20	5	21	6	7	6	6	6	10	7
Zinc	5	170	6	180	11	24	9	9	8	59	20

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E022.2: 0.5g digested in nitric/hydrochloric acid. Analysis by ICP-MS.

Laboratory Identification		**53206**	**53207**	**53208**	**53209**	**53210**	**53211**	**53212**	**53213**	**53214**	**53215**
Sample Identification		TP-S-3	TP-S-3a	TP-SP3-1	TP-SP3-2	TP-ST1-4	TP-ST1-5	TP-ST1-6	TP-ST1-7	TP-ST1-8	TP-ST2-9
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	6/11/06	6/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E022.2											
Acid extractable metals (M7)	**EQL**										
Arsenic	1	6	4	3	3	18	5	10	12	<1	8
Cadmium	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	1	12	8	9	9	17	11	13	28	4	12
Copper	2	<2	<2	9	10	<2	2	<2	<2	<2	<2
Nickel	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	2	4	3	6	7	4	4	3	5	2	4
Zinc	5	5	5	22	32	<5	<5	<5	<5	<5	<5

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E022.2: 0.5g digested in nitric/hydrochloric acid. Analysis by ICP-MS.

Laboratory Identification		**53216**	**53217**	**53218**	**53219**	**53220**	**53221**	**53222**	**53223**	**53224**	**53225**
Sample Identification		TP-ST2-10	TP-ST2-11	TP-ST2-12	TP-ST2-13	TP-ST3-1	TP-ST3-2	TP-ST3-3	TP-ST3-4	TP-ST3-5	TP-ST3-5a
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06	27/10/06
Laboratory Extraction (Preparation) Date		6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06	7/11/06
Method : E022.2											
Acid extractable metals (M7)	**EQL**										
Arsenic	1	4	4	13	2	2	2	3	2	2	1
Cadmium	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	1	11	10	17	9	9	8	22	2	7	6
Copper	2	<2	<2	<2	<2	3	2	2	<2	2	3
Nickel	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	2	4	4	7	2	5	3	5	3	3	3
Zinc	5	<5	<5	6	<5	6	6	10	<5	9	9

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E022.2: 0.5g digested in nitric/hydrochloric acid. Analysis by ICP-MS.

Laboratory Identification		**53206d**	**53206r**	**53213d**	**53213r**	**53222d**	**53222r**	**53207s**	**53223s**	**crm**	**lcs**
Sample Identification		QC	QC	QC	QC	QC	QC	QC	QC	QC	QC
Depth (m)		--	--	--	--	--	--	--	--	--	--
Sampling Date recorded on COC		--	--	--	--	--	--	--	--	--	--
Laboratory Extraction (Preparation) Date		6/11/06	--	6/11/06	--	6/11/06	--	6/11/06	6/11/06	6/11/06	6/11/06
Laboratory Analysis Date		6/11/06	--	7/11/06	--	7/11/06	--	6/11/06	7/11/06	6/11/06	6/11/06
Method : E022.2											
Acid extractable metals (M7)	**EQL**										
Arsenic	1	6	0%	13	8%	3	0%	98%	94%	103%	103%
Cadmium	0.1	<0.1	--	<0.1	--	<0.1	--	99%	96%	88%	96%
Chromium	1	11	9%	29	4%	22	0%	103%	102%	97%	104%
Copper	2	<2	--	<2	--	2	0%	99%	95%	98%	105%
Nickel	1	<1	--	<1	--	<1	--	94%	95%	81%	101%
Lead	2	4	0%	5	0%	6	18%	114%	103%	94%	100%
Zinc	5	6	18%	<5	--	9	11%	82%	91%	94%	94%

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

E022.2: 0.5g digested in nitric/hydrochloric acid. Analysis by ICP-MS.