
Appendix C

Laboratory Test Results (39798.02)

Laboratory Test Results (18944B)

Table 10 - Results of Chemical Analysis on Groundwater (39798.05)

20 May 2008

TEST REPORT

Douglas Partners Pty Ltd
Box 324
Hunter Region Mail Centre
NSW 2310

Your Reference: 39798.02, Hexham
Report Number: 60180-R

Attention: Matthew Blackert

Dear Matthew

The following samples were received from you on the date indicated.

Samples:	Qty.	75 Soils & 2 Fibres
Date of Receipt of Samples:		11/04/08
Date of Receipt of Instructions:		11/04/08
Date Preliminary Report Emailed:		18/04/08

These samples were analysed in accordance with your written instructions.
A copy of the instructions is attached with the analytical report.

The results and associated quality control are contained in the following pages of this report.
Unless otherwise stated, solid samples are expressed on a dry weight basis (moisture has been supplied for your information only), air and liquid samples as received.

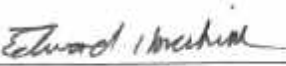
Should you have any queries regarding this report please contact the undersigned.

This report cancels and supersedes Report No. 60180 issued by SGS Environmental Services due to an amendment to Client Sample ID as per the COC.

Yours faithfully

SGSENVIRONMENTAL SERVICES


Ly Kim Ha
Senior Organic Chemist


Edward Ibrahim
Laboratory Services Manager


Alexandra Stenta
Key Account Representative

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BTEX in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	100	103	111	109	101

BTEX in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	101	101	101	106	97

BTEX in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	100	95	98	104	106

BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	92	88	84	96	110

BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	93	103	111	105	107

BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-26 TP125/ 0.3 Soil	60180-R-27 TP126/ 0.7 Soil	60180-R-28 TP127/ 0.0-0.05 Soil	60180-R-29 TP128/ 0.0-0.05 Soil	60180-R-30 TP128/ 1.6 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	108	103	108	101	110

BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-31 TP129/ 1.0	60180-R-32 TP130/ 0.5	60180-R-33 TP131/ 0.9	60180-R-34 TP131/ 1.3	60180-R-35 TP132/ 0.0-0.05 Soil
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	108	113	116	103	108

BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-36 TP134/ 0.1	60180-R-37 TP135/ 0.0-0.05	60180-R-38 TP136A/ 0.0-0.05	60180-R-39 TP138/ 0.0-0.05	60180-R-40 TP139/ 2.3
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	108	103	101	103	105

BTEX in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-41 TP140/ 0.1	60180-R-42 TP141/ 1.9	60180-R-43 TP142/ 0.1	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	104	100	100	101	108

BTEX in Soil Our Reference: Your Reference	UNITS -----	60180-R-46 TP146/ 0.0	60180-R-47 TP147/ 0.9	60180-R-48 TP148/ 0.0-0.05	60180-R-49 TP149/ 0.95	60180-R-50 TP150/ 0.1
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	108	107	100	96	105

BTEX in Soil Our Reference: Your Reference	UNITS -----	60180-R-51 TP150/ 0.5	60180-R-52 TP151/ 0.0-0.05	60180-R-53 TP152/ 0.6	60180-R-54 TP153/ 0.0-0.05	60180-R-55 TP154/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	85	111	100	90	104

BTEX in Soil Our Reference: Your Reference	UNITS -----	60180-R-56 TP155/ 0.1	60180-R-57 TP156/ 0.0-0.05	60180-R-58 TP157/ 0.7	60180-R-59 TP158/ 0.2	60180-R-60 TP159/ 0.5
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	99	99	103	103	109

BTEX in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	100	97	98	103	107

BTEX in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	92	95	102	87	102

BTEX in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted (BTEX)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (BTEX)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	100	98	98	91	95

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	79	150	60	<20	41
TRH C15 - C28	mg/kg	780	1,400	610	340	600
TRH C29 - C36	mg/kg	310	440	300	150	340

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	26	33	90	<20
TRH C15 - C28	mg/kg	200	430	480	1,100	110
TRH C29 - C36	mg/kg	120	200	230	500	<50

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<20	<20	<20	<20
TRH C15 - C28	mg/kg	92	330	<50	<50	320
TRH C29 - C36	mg/kg	<50	190	<50	<50	180

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	130	180	<20	<20
TRH C15 - C28	mg/kg	<50	2,400	2,700	170	230
TRH C29 - C36	mg/kg	<50	1,900	1,700	120	140

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	180	31	<20	<20	<20
TRH C15 - C28	mg/kg	2,000	390	<50	150	140
TRH C29 - C36	mg/kg	1,200	170	<50	51	71

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-26 TP125/ 0.3 Soil	60180-R-27 TP126/ 0.7 Soil	60180-R-28 TP127/ 0.0-0.05 Soil	60180-R-29 TP128/ 0.0-0.05 Soil	60180-R-30 TP128/ 1.6 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<20	21	<200	<20
TRH C15 - C28	mg/kg	<50	430	370	8,700	<50
TRH C29 - C36	mg/kg	<50	300	340	8,200	<50

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-31 TP129/ 1.0 Soil	60180-R-32 TP130/ 0.5 Soil	60180-R-33 TP131/ 0.9 Soil	60180-R-34 TP131/ 1.3 Soil	60180-R-35 TP132/ 0.0-0.05 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	28	63	61	<20	<20
TRH C15 - C28	mg/kg	300	680	750	<50	230
TRH C29 - C36	mg/kg	130	290	360	<50	66

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-36 TP134/ 0.1 Soil	60180-R-37 TP135/ 0.0-0.05 Soil	60180-R-38 TP136A/ 0.0-0.05 Soil	60180-R-39 TP138/ 0.0-0.05 Soil	60180-R-40 TP139/ 2.3 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	23	22	34	<20
TRH C15 - C28	mg/kg	<50	300	290	380	<50
TRH C29 - C36	mg/kg	<50	110	110	170	<50

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-41 TP140/ 0.1 Soil	60180-R-42 TP141/ 1.9 Soil	60180-R-43 TP142/ 0.1 Soil	60180-R-44 TP143/ 0.65 Soil	60180-R-45 TP145/ 0.6 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<20	<20	<20	<20
TRH C15 - C28	mg/kg	54	120	<50	230	180
TRH C29 - C36	mg/kg	<50	<50	<50	110	110

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-46 TP146/ 0.0 Soil	60180-R-47 TP147/ 0.9 Soil	60180-R-48 TP148/ 0.0-0.05 Soil	60180-R-49 TP149/ 0.95 Soil	60180-R-50 TP150/ 0.1 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	67	<20	<200	<20	<200
TRH C15 - C28	mg/kg	870	140	650	180	860
TRH C29 - C36	mg/kg	880	72	1,600	69	2,000

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil	60180-R-55 TP154/ 0.0-0.05 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	26	<20	<20	<20	<20
TRH C15 - C28	mg/kg	430	<50	110	<50	59
TRH C29 - C36	mg/kg	440	<50	130	<50	<50

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil	60180-R-60 TP159/ 0.5 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<20	<20	<20	<20
TRH C15 - C28	mg/kg	<50	180	52	<50	<50
TRH C29 - C36	mg/kg	<50	150	<50	<50	<50

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<20	<20	<20	<20
TRH C15 - C28	mg/kg	65	160	89	<50	270
TRH C29 - C36	mg/kg	<50	130	66	<50	150

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<20	<20	21	39
TRH C15 - C28	mg/kg	<50	<50	110	390	520
TRH C29 - C36	mg/kg	64	58	170	300	300

TRH in soil with..C6-C9 by P/T Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted (TRH C6-C9 PT)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (TRH C6-C9 PT)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
TRH C6 - C9 P&T	mg/kg	<20	<20	<20	<20	<20
Date Extracted (TRH C10-C36)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (TRH C10-C36)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
TRH C10 - C14	mg/kg	<20	<200	<20	43	<20
TRH C15 - C28	mg/kg	190	10,000	110	600	<50
TRH C29 - C36	mg/kg	76	11,000	70	790	<50

PAHs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Naphthalene	mg/kg	<0.1	0.9	<0.1	<0.1	0.2
Acenaphthylene	mg/kg	<0.1	<0.2	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	0.3	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	1.0	1.6	1.1	0.4	0.5
Anthracene	mg/kg	0.1	0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.8	0.5	0.5	0.1	0.3
Pyrene	mg/kg	0.5	0.5	0.4	<0.1	0.2
Benzo[a]anthracene	mg/kg	0.5	0.4	0.3	0.1	0.2
Chrysene	mg/kg	0.5	0.3	0.3	<0.1	0.2
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	0.12	0.14	<0.05	<0.05	0.08
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<4.37	<5.50	<3.74	<1.89	<2.65
Nitrobenzene-d5	%	119	119	124	102	108
2-Fluorobiphenyl	%	92	98	96	90	98
<i>p</i> -Terphenyl-d14	%	92	96	101	99	99

PAHs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.7	1.5	0.8	0.6	0.4
Anthracene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.9	1.3	0.3	0.5	0.2
Pyrene	mg/kg	0.8	1.1	0.2	0.4	0.1
Benzo[a]anthracene	mg/kg	0.3	0.7	0.2	0.3	0.1
Chrysene	mg/kg	0.3	0.7	0.2	0.2	0.1
Benzo[b,k]fluoranthene	mg/kg	0.3	0.8	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	0.16	0.40	<0.05	0.15	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<4.26	<7.63	<2.74	<3.06	<1.99
Nitrobenzene-d5	%	77	113	103	115	108
2-Fluorobiphenyl	%	70	101	95	103	92
p -Terphenyl-d14	%	96	104	98	99	102

PAHs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.5	0.3	0.2	<0.1	0.5
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1	0.1	0.1	<0.1	0.5
Pyrene	mg/kg	0.1	0.1	<0.1	<0.1	0.5
Benzo[a]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	0.3
Chrysene	mg/kg	<0.1	<0.1	<0.1	<0.1	0.3
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	<0.2	<0.2	0.5
Benzo[a]pyrene	mg/kg	<0.05	<0.05	<0.05	<0.05	0.20
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	0.1
Total PAHs	mg/kg	<1.95	<1.75	<1.61	<1.55	<3.60
Nitrobenzene-d5	%	94	115	114	93	101
2-Fluorobiphenyl	%	93	99	97	96	105
p -Terphenyl-d14	%	101	102	104	96	104

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Sample Type Depth						
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.4	0.7	1.2	0.9	0.4
Anthracene	mg/kg	<0.1	<0.1	<0.2	<0.1	<0.1
Fluoranthene	mg/kg	0.1	0.4	0.5	0.2	<0.1
Pyrene	mg/kg	0.1	0.3	0.5	0.2	<0.1
Benzo[a]anthracene	mg/kg	<0.1	0.3	0.4	0.2	<0.1
Chrysene	mg/kg	<0.1	0.2	0.4	0.2	<0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	0.3	<0.2	<0.2
Benzo[a]pyrene	mg/kg	<0.05	0.12	0.19	<0.05	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.85	<3.02	<4.39	<2.75	<1.85
Nitrobenzene-d5	%	88	99	87	103	102
2-Fluorobiphenyl	%	91	105	90	102	101
p -Terphenyl-d14	%	99	103	104	107	90

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Sample Type						
Depth						
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	<0.2	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	1.4	1.1	<0.1	0.6	0.6
Anthracene	mg/kg	<0.2	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.6	0.7	<0.1	0.2	0.2
Pyrene	mg/kg	0.5	0.5	<0.1	0.2	0.1
Benzo[a]anthracene	mg/kg	0.5	0.3	<0.1	0.2	0.1
Chrysene	mg/kg	0.4	0.3	<0.1	0.1	0.1
Benzo[b,k]fluoranthene	mg/kg	0.3	0.2	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	0.21	0.08	<0.05	0.08	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<4.91	<3.98	<1.55	<2.38	<2.15
Nitrobenzene-d5	%	71	80	100	103	85
2-Fluorobiphenyl	%	101	116	88	117	105
p -Terphenyl-d14	%	118	81	112	109	98

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-26 TP125/ 0.3	60180-R-27 TP126/ 0.7	60180-R-28 TP127/ 0.0-0.05	60180-R-29 TP128/ 0.0-0.05	60180-R-30 TP128/ 1.6
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Naphthalene	mg/kg	<0.1	1.0	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	0.3	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	1.5	0.7	<0.1	<0.1
Anthracene	mg/kg	<0.1	0.3	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	1.0	0.4	<0.1	<0.1
Pyrene	mg/kg	<0.1	0.8	0.3	0.4	<0.1
Benzo[a]anthracene	mg/kg	<0.1	0.5	0.2	<0.1	<0.1
Chrysene	mg/kg	<0.1	0.4	0.2	<0.1	<0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	0.4	0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	<0.05	0.20	0.08	<0.05	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.55	<7.00	<2.88	<1.85	<1.55
Nitrobenzene-d5	%	89	97	95	103	92
2-Fluorobiphenyl	%	104	106	112	111	103
p -Terphenyl-d14	%	97	100	98	113	104

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-31 TP129/ 1.0 Soil	60180-R-32 TP130/ 0.5 Soil	60180-R-33 TP131/ 0.9 Soil	60180-R-34 TP131/ 1.3 Soil	60180-R-35 TP132/ 0.0-0.05 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Naphthalene	mg/kg	0.2	<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	0.7	0.6	0.3	<0.1	1.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.2	0.2	<0.1	<0.1	0.4
Pyrene	mg/kg	0.2	0.2	0.1	<0.1	0.3
Benzo[a]anthracene	mg/kg	0.1	0.1	<0.1	<0.1	0.2
Chrysene	mg/kg	0.1	0.1	<0.1	<0.1	0.2
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[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<2.45	<2.25	<1.75	<1.55	<3.25
Nitrobenzene-d5	%	96	99	101	83	106
2-Fluorobiphenyl	%	98	112	96	89	112
p -Terphenyl-d14	%	100	97	97	80	101

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-36 TP134/ 0.1 Soil	60180-R-37 TP135/ 0.0-0.05 Soil	60180-R-38 TP136A/ 0.0-0.05 Soil	60180-R-39 TP138/ 0.0-0.05 Soil	60180-R-40 TP139/ 2.3 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.9	1.0	1.2	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	0.5	0.4	0.5	<0.1
Pyrene	mg/kg	<0.1	0.5	0.3	0.4	<0.1
Benzo[a]anthracene	mg/kg	<0.1	0.3	0.3	0.3	<0.1
Chrysene	mg/kg	<0.1	0.3	0.2	0.3	<0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	0.3	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	<0.05	0.13	0.05	0.09	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.55	<3.73	<3.25	<3.79	<1.55
Nitrobenzene-d5	%	90	101	70	72	87
2-Fluorobiphenyl	%	99	88	94	95	70
p -Terphenyl-d14	%	97	93	94	86	93

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-41 TP140/ 0.1	60180-R-42 TP141/ 1.9	60180-R-43 TP142/ 0.1	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.2	0.7	<0.1	0.7	0.4
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.2	0.1	<0.1	0.4	0.2
Pyrene	mg/kg	0.1	0.2	<0.1	0.3	0.2
Benzo[a]anthracene	mg/kg	<0.1	0.1	<0.1	0.2	0.1
Chrysene	mg/kg	<0.1	0.1	<0.1	0.2	0.2
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	0.06	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.75	<2.25	<1.55	<2.86	<2.12
Nitrobenzene-d5	%	116	122	112	126	78
2-Fluorobiphenyl	%	98	101	101	100	95
p -Terphenyl-d14	%	93	83	79	80	77

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-46 TP146/ 0.0 Soil	60180-R-47 TP147/ 0.9 Soil	60180-R-48 TP148/ 0.0-0.05 Soil	60180-R-49 TP149/ 0.95 Soil	60180-R-50 TP150/ 0.1 Soil
Sample Type Depth						
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	1.1	0.7	0.6	0.9	0.4
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.7	0.6	0.4	0.3	0.3
Pyrene	mg/kg	0.6	0.5	0.4	0.2	0.3
Benzo[a]anthracene	mg/kg	0.4	0.2	0.2	0.1	0.2
Chrysene	mg/kg	0.5	0.2	0.4	0.2	0.4
Benzo[b,k]fluoranthene	mg/kg	0.4	0.2	0.2	<0.2	0.3
Benzo[a]pyrene	mg/kg	0.13	0.15	0.14	<0.05	0.11
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	0.2	<0.1	<0.1
Total PAHs	mg/kg	<4.63	<3.35	<3.24	<2.71	<2.78
Nitrobenzene-d5	%	99	82	91	109	92
2-Fluorobiphenyl	%	116	93	107	99	98
p -Terphenyl-d14	%	84	94	99	122	94

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil	60180-R-55 TP154/ 0.0-0.05 Soil
Sample Type Depth						
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	1.0	<0.1	0.5	<0.1	0.2
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.6	<0.1	0.5	0.1	0.2
Pyrene	mg/kg	0.5	<0.1	0.4	0.1	0.2
Benzo[a]anthracene	mg/kg	0.2	<0.1	0.3	<0.1	<0.1
Chrysene	mg/kg	0.3	<0.1	0.3	<0.1	<0.1
Benzo[b,k]fluoranthene	mg/kg	0.2	<0.2	0.3	<0.2	<0.2
Benzo[a]pyrene	mg/kg	0.09	<0.05	0.17	0.06	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<3.66	<1.55	<3.27	<1.56	<1.85
Nitrobenzene-d5	%	87	88	83	91	105
2-Fluorobiphenyl	%	94	80	91	100	93
p -Terphenyl-d14	%	87	97	87	93	102

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil	60180-R-60 TP159/ 0.5 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.4	0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.2	0.4	0.2	<0.1	<0.1
Pyrene	mg/kg	0.2	0.4	0.2	<0.1	<0.1
Benzo[a]anthracene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	0.3	0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	mg/kg	0.2	0.3	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	0.09	0.13	0.09	<0.05	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.79	<2.93	<1.79	<1.55	<1.55
Nitrobenzene-d5	%	88	84	86	87	80
2-Fluorobiphenyl	%	94	92	100	95	91
p -Terphenyl-d14	%	91	95	95	89	90

PAHs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.2	0.5	0.2	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1	0.4	0.1	<0.1	<0.1
Pyrene	mg/kg	0.1	0.3	0.1	<0.1	<0.1
Benzo[a]anthracene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	0.2	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	0.3	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	<0.05	0.12	<0.05	<0.05	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.65	<2.80	<1.68	<1.55	<1.55
Nitrobenzene-d5	%	91	102	103	100	113
2-Fluorobiphenyl	%	97	97	95	89	98
p -Terphenyl-d14	%	96	97	94	99	97

PAHs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	1.3	0.6
Anthracene	mg/kg	<0.1	<0.1	<0.1	0.2	<0.1
Fluoranthene	mg/kg	<0.1	0.1	0.1	1.5	0.5
Pyrene	mg/kg	<0.1	0.1	0.1	1.3	0.5
Benzo[a]anthracene	mg/kg	<0.1	<0.1	<0.1	0.7	0.4
Chrysene	mg/kg	<0.1	<0.1	<0.1	0.7	0.3
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	<0.2	0.9	0.2
Benzo[a]pyrene	mg/kg	<0.05	0.05	0.05	0.46	0.13
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	0.3	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	0.3	<0.1
Total PAHs	mg/kg	<1.55	<1.61	<1.59	<7.95	<3.38
Nitrobenzene-d5	%	102	108	118	116	119
2-Fluorobiphenyl	%	95	98	102	103	103
p -Terphenyl-d14	%	98	99	97	102	97

PAHs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
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	0.6	<0.1	<0.1	0.6	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.3	0.1	0.1	0.6	0.1
Pyrene	mg/kg	0.2	0.6	<0.1	0.5	0.1
Benzo[a]anthracene	mg/kg	0.2	<0.1	<0.1	0.5	<0.1
Chrysene	mg/kg	0.2	<0.1	<0.1	0.4	<0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	<0.2	0.4	<0.2
Benzo[a]pyrene	mg/kg	0.05	<0.05	<0.05	0.12	0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	0.1	<0.1
Total PAHs	mg/kg	<2.49	<2.06	<1.59	<3.82	<1.56
Nitrobenzene-d5	%	114	121	101	104	116
2-Fluorobiphenyl	%	102	102	95	97	103
p -Terphenyl-d14	%	101	117	93	94	100

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	111	101	109	103	115

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	103	119	119	110	115

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC(Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	117	121	113	103	99

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	110	116	119	112	107

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	115	101	102	114	98

OC Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-26 TP125/ 0.3	60180-R-27 TP126/ 0.7	60180-R-28 TP127/ 0.0-0.05	60180-R-29 TP128/ 0.0-0.05	60180-R-30 TP128/ 1.6
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	101	107	89	107	113

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-31 TP129/ 1.0 Soil	60180-R-32 TP130/ 0.5 Soil	60180-R-33 TP131/ 0.9 Soil	60180-R-34 TP131/ 1.3 Soil	60180-R-35 TP132/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	115	115	106	111	112

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-36 TP134/ 0.1 Soil	60180-R-37 TP135/ 0.0-0.05 Soil	60180-R-38 TP136A/ 0.0-0.05 Soil	60180-R-39 TP138/ 0.0-0.05 Soil	60180-R-40 TP139/ 2.3 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	109	105	112	108	113

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-41 TP140/ 0.1 Soil	60180-R-42 TP141/ 1.9 Soil	60180-R-43 TP142/ 0.1 Soil	60180-R-44 TP143/ 0.65 Soil	60180-R-45 TP145/ 0.6 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	111	111	107	106	109

OC Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-46 TP146/ 0.0 Soil	60180-R-47 TP147/ 0.9 Soil	60180-R-48 TP148/ 0.0-0.05 Soil	60180-R-49 TP149/ 0.95 Soil	60180-R-50 TP150/ 0.1 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	126	125	128	121	122

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil	60180-R-55 TP154/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	126	123	126	70	71

OC Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil	60180-R-60 TP159/ 0.5 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	71	72	127	126	126

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC(Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	110	117	118	117	118

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	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
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	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
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -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
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	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
Endrin Aldehyde	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
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	127	121	119	118	115

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
HCB	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	116	70	110	123	116

OP Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	111	101	109	103	115

OP Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	103	119	119	110	115

OP Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	117	121	113	103	99

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	110	116	119	112	107

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	115	101	102	114	98

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-26 TP125/ 0.3 Soil	60180-R-27 TP126/ 0.7 Soil	60180-R-28 TP127/ 0.0-0.05 Soil	60180-R-29 TP128/ 0.0-0.05 Soil	60180-R-30 TP128/ 1.6 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
OP_Surrogate 1	%	101	107	89	107	113

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-31 TP129/ 1.0	60180-R-32 TP130/ 0.5	60180-R-33 TP131/ 0.9	60180-R-34 TP131/ 1.3	60180-R-35 TP132/ 0.0-0.05 Soil
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	115	115	106	111	112

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-36 TP134/ 0.1	60180-R-37 TP135/ 0.0-0.05	60180-R-38 TP136A/ 0.0-0.05	60180-R-39 TP138/ 0.0-0.05	60180-R-40 TP139/ 2.3
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	109	105	112	108	113

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-41 TP140/ 0.1	60180-R-42 TP141/ 1.9	60180-R-43 TP142/ 0.1	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	111	111	107	106	109

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-46 TP146/ 0.0	60180-R-47 TP147/ 0.9	60180-R-48 TP148/ 0.0-0.05	60180-R-49 TP149/ 0.95	60180-R-50 TP150/ 0.1
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	126	125	128	121	122

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-51 TP150/ 0.5	60180-R-52 TP151/ 0.0-0.05	60180-R-53 TP152/ 0.6	60180-R-54 TP153/ 0.0-0.05	60180-R-55 TP154/ 0.0-0.05
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	126	123	126	70	71

OP Pesticides in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-56 TP155/ 0.1	60180-R-57 TP156/ 0.0-0.05	60180-R-58 TP157/ 0.7	60180-R-59 TP158/ 0.2	60180-R-60 TP159/ 0.5
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	71	72	127	126	126

OP Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	110	117	118	117	118

OP Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	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
Bromofos 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
OP_Surrogate 1	%	127	121	119	118	115

OP Pesticides in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Chlorpyrifos	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	116	70	110	123	116

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	111	101	109	103	115

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	103	119	119	110	115

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	117	121	113	103	99

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	110	116	119	112	107

PCBs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	115	101	102	114	98

PCBs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-26 TP125/ 0.3 Soil	60180-R-27 TP126/ 0.7 Soil	60180-R-28 TP127/ 0.0-0.05 Soil	60180-R-29 TP128/ 0.0-0.05 Soil	60180-R-30 TP128/ 1.6 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<9.00	<0.90
PCB_Surrogate 1	%	101	107	89	107	113

PCBs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-31 TP129/ 1.0 Soil	60180-R-32 TP130/ 0.5 Soil	60180-R-33 TP131/ 0.9 Soil	60180-R-34 TP131/ 1.3 Soil	60180-R-35 TP132/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	115	115	106	111	112

PCBs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-36 TP134/ 0.1 Soil	60180-R-37 TP135/ 0.0-0.05 Soil	60180-R-38 TP136A/ 0.0-0.05 Soil	60180-R-39 TP138/ 0.0-0.05 Soil	60180-R-40 TP139/ 2.3 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	109	105	112	108	113

PCBs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-41 TP140/ 0.1	60180-R-42 TP141/ 1.9	60180-R-43 TP142/ 0.1	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	111	111	107	106	109

PCBs in Soil Our Reference: Your Reference	UNITS ----- -----	60180-R-46 TP146/ 0.0	60180-R-47 TP147/ 0.9	60180-R-48 TP148/ 0.0-0.05	60180-R-49 TP149/ 0.95	60180-R-50 TP150/ 0.1
Sample Type Depth		Soil	Soil	Soil	Soil	Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	126	125	128	121	122

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil	60180-R-55 TP154/ 0.0-0.05 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	126	123	126	70	71

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil	60180-R-60 TP159/ 0.5 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	71	72	127	126	126

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	110	117	118	117	118

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	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
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	127	121	119	118	115

PCBs in Soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Arochlor 1016	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<9.00	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	116	70	110	123	116

Inorganics Our Reference: Your Reference	UNITS -----	60180-R-4 BH-104/ 0.8-1.0	60180-R-5 BH-105/ 1.8-2.0	60180-R-10 TP110/ 0.2	60180-R-11 TP111/ 0.8	60180-R-12 TP112/ 1.8
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (pH)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (pH)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
pH 1:5 soil:water 1:5 soil:water	pH Units	7.6	4.7	8.3	7.1	5.5
Date Extracted (Conductivity)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Conductivity)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Electrical Conductivity 1:5 soil:water	µS/cm	380	160	88	130	1,400

Inorganics Our Reference: Your Reference	UNITS -----	60180-R-13 TP113/ 0.5	60180-R-14 TP114/ 0.2	60180-R-15 TP115/ 1.0	60180-R-16 TP115A/ 0.6	60180-R-17 TP116/ 1.5
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (pH)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (pH)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
pH 1:5 soil:water 1:5 soil:water	pH Units	8.3	7.6	7.6	7.9	7.9
Date Extracted (Conductivity)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Conductivity)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Electrical Conductivity 1:5 soil:water	µS/cm	220	460	24	230	850

Inorganics Our Reference: Your Reference	UNITS -----	60180-R-18 TP117/ 2.0	60180-R-19 TP118/ 3.5	60180-R-20 TP119/ 1.0	60180-R-21 TP160/ 4.0	60180-R-23 TP121/ 0.3
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (pH)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (pH)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
pH 1:5 soil:water 1:5 soil:water	pH Units	7.6	5.8	8.9	8.8	6.8
Date Extracted (Conductivity)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Conductivity)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Electrical Conductivity 1:5 soil:water	µS/cm	700	270	530	610	36

Inorganics Our Reference: Your Reference	UNITS -----	60180-R-31 TP129/ 1.0	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6	60180-R-47 TP147/ 0.9	60180-R-50 TP150/ 0.1
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (pH)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (pH)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
pH 1:5 soil:water 1:5 soil:water	pH Units	6.7	5.4	5.5	6.0	5.7
Date Extracted (Conductivity)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Conductivity)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Electrical Conductivity 1:5 soil:water	µS/cm	1,100	97	65	120	68

Inorganics Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil
Date Extracted (pH)		14/04/2008
Date Analysed (pH)		15/04/2008
pH 1:5 soil:water 1:5 soil:water	pH Units	6.8
Date Extracted (Conductivity)		14/04/2008
Date Analysed (Conductivity)		15/04/2008
Electrical Conductivity 1:5 soil:water	µS/cm	94

Anions in soil Our Reference: Your Reference	UNITS -----	60180-R-4 BH-104/ 0.8-1.0	60180-R-5 BH-105/ 1.8-2.0	60180-R-10 TP110/ 0.2	60180-R-11 TP111/ 0.8	60180-R-12 TP112/ 1.8
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Chloride, Cl 1:5 soil:water	mg/kg	10	4.7	46	3.1	3.8
Sulphate, SO4 1:5 soil:water	mg/kg	47	550	74	28	2,200

Anions in soil Our Reference: Your Reference	UNITS -----	60180-R-13 TP113/ 0.5	60180-R-14 TP114/ 0.2	60180-R-15 TP115/ 1.0	60180-R-16 TP115A/ 0.6	60180-R-17 TP116/ 1.5
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Chloride, Cl 1:5 soil:water	mg/kg	5.8	57	0.7	6.3	9.6
Sulphate, SO4 1:5 soil:water	mg/kg	5	77	3	17	54

Anions in soil Our Reference: Your Reference	UNITS -----	60180-R-18 TP117/ 2.0	60180-R-19 TP118/ 3.5	60180-R-20 TP119/ 1.0	60180-R-21 TP160/ 4.0	60180-R-23 TP121/ 0.3
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Chloride, Cl 1:5 soil:water	mg/kg	12	0.9	4.6	17	3.7
Sulphate, SO4 1:5 soil:water	mg/kg	47	60	89	36	4

Anions in soil Our Reference: Your Reference	UNITS -----	60180-R-31 TP129/ 1.0	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6	60180-R-47 TP147/ 0.9	60180-R-50 TP150/ 0.1
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Chloride, Cl 1:5 soil:water	mg/kg	5.3	<0.5	1.4	14	4.1
Sulphate, SO4 1:5 soil:water	mg/kg	390	12	8	30	13

Anions in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil
Date Extracted		22/04/2008
Date Analysed		22/04/2008
Chloride, Cl 1:5 soil:water	mg/kg	7.9
Sulphate, SO ₄ 1:5 soil:water	mg/kg	2

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-1 BH-101/ 0.8-1.0 Soil	60180-R-2 BH-102/ 0.3-0.5 Soil	60180-R-3 BH-103/ 0.0-0.1 Soil	60180-R-4 BH-104/ 0.8-1.0 Soil	60180-R-5 BH-105/ 1.8-2.0 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	28	8	35	9	4
Cadmium	mg/kg	<0.3	<0.3	0.3	0.6	<0.3
Chromium	mg/kg	2.1	4.4	4.5	2.5	5.2
Copper	mg/kg	13	11	16	19	27
Lead	mg/kg	14	11	27	20	9.8
Nickel	mg/kg	3.0	7.9	7.1	2.3	26
Zinc	mg/kg	15	42	58	39	55

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-6 BH-106/ 0.0-0.1 Soil	60180-R-7 BH-107/ 0.8-1.0 Soil	60180-R-8 BH-108/ 0.3-0.5 Soil	60180-R-9 BH-109/ 0.0-0.1 Soil	60180-R-10 TP110/ 0.2 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	10	20	29	7	5
Cadmium	mg/kg	0.5	0.7	0.6	0.4	<0.3
Chromium	mg/kg	8.7	8.3	2.0	1.8	6.7
Copper	mg/kg	21	77	15	13	9.7
Lead	mg/kg	21	120	24	21	9
Nickel	mg/kg	13	19	3.8	3.6	6.6
Zinc	mg/kg	120	170	70	74	30

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-11 TP111/ 0.8 Soil	60180-R-12 TP112/ 1.8 Soil	60180-R-13 TP113/ 0.5 Soil	60180-R-14 TP114/ 0.2 Soil	60180-R-15 TP115/ 1.0 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	15	18	5	4	3
Cadmium	mg/kg	0.3	0.7	<0.3	0.3	0.7
Chromium	mg/kg	1.0	4.4	5.4	13	27
Copper	mg/kg	13	21	8.0	23	17
Lead	mg/kg	24	14	7	18	180
Nickel	mg/kg	2.5	49	7.4	36	11
Zinc	mg/kg	48	79	32	84	340

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-16 TP115A/ 0.6 Soil	60180-R-17 TP116/ 1.5 Soil	60180-R-18 TP117/ 2.0 Soil	60180-R-19 TP118/ 3.5 Soil	60180-R-20 TP119/ 1.0 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	14	<3	<3	20	12
Cadmium	mg/kg	0.4	<0.3	<0.3	0.3	0.6
Chromium	mg/kg	2.5	2.4	2.3	2.8	1.2
Copper	mg/kg	17	8.8	11	22	16
Lead	mg/kg	31	8	11	21	20
Nickel	mg/kg	3.7	5.4	2.8	5.7	1.4
Zinc	mg/kg	180	36	46	42	76

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-21 TP160/ 4.0 Soil	60180-R-22 TP120/ 0.0-0.05 Soil	60180-R-23 TP121/ 0.3 Soil	60180-R-24 TP122/ 0.5 Soil	60180-R-25 TP124/ 0.0-0.05 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	<3	29	<3	8	27
Cadmium	mg/kg	<0.3	<0.3	<0.3	<0.3	0.5
Chromium	mg/kg	2.1	4.6	3.2	1.4	6.2
Copper	mg/kg	6.9	24	3.8	15	15
Lead	mg/kg	9	33	7	20	29
Nickel	mg/kg	3.0	12	2.5	3.3	7.8
Zinc	mg/kg	160	38	38	29	100

Metals in Soil by ICP-OES Our Reference: Your Reference	UNITS -----	60180-R-26 TP125/ 0.3	60180-R-27 TP126/ 0.7	60180-R-28 TP127/ 0.0-0.05	60180-R-29 TP128/ 0.0-0.05	60180-R-30 TP128/ 1.6
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	8	15	20	<3	10
Cadmium	mg/kg	<0.3	1.1	1.3	<0.3	0.6
Chromium	mg/kg	9.3	27	32	0.8	32
Copper	mg/kg	13	36	150	0.8	51
Lead	mg/kg	10	68	34	6	32
Nickel	mg/kg	15	67	29	0.6	43
Zinc	mg/kg	37	410	79	22	87

Metals in Soil by ICP-OES Our Reference: Your Reference	UNITS -----	60180-R-31 TP129/ 1.0	60180-R-32 TP130/ 0.5	60180-R-33 TP131/ 0.9	60180-R-34 TP131/ 1.3	60180-R-35 TP132/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	8	7	8	4	9
Cadmium	mg/kg	<0.3	<0.3	0.3	0.4	0.3
Chromium	mg/kg	1.8	0.96	1.9	37	2.3
Copper	mg/kg	10	13	18	34	17
Lead	mg/kg	15	23	26	12	24
Nickel	mg/kg	3.9	6.7	5.8	61	4.1
Zinc	mg/kg	23	46	80	68	59

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-36 TP134/ 0.1 Soil	60180-R-37 TP135/ 0.0-0.05 Soil	60180-R-38 TP136A/ 0.0-0.05 Soil	60180-R-39 TP138/ 0.0-0.05 Soil	60180-R-40 TP139/ 2.3 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	10	8	13	14	8
Cadmium	mg/kg	0.3	0.5	0.4	0.5	<0.3
Chromium	mg/kg	17	17	3.7	2.8	4.1
Copper	mg/kg	20	16	18	18	11
Lead	mg/kg	11	25	33	46	19
Nickel	mg/kg	20	12	6.6	4.5	8.0
Zinc	mg/kg	70	160	150	140	32

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-41 TP140/ 0.1 Soil	60180-R-42 TP141/ 1.9 Soil	60180-R-43 TP142/ 0.1 Soil	60180-R-44 TP143/ 0.65 Soil	60180-R-45 TP145/ 0.6 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	<3	17	8	5	<3
Cadmium	mg/kg	<0.3	<0.3	0.4	<0.3	<0.3
Chromium	mg/kg	2.5	0.9	15	1.1	6.2
Copper	mg/kg	11	15	28	13	13
Lead	mg/kg	9.5	30	15	22	9.8
Nickel	mg/kg	6.1	4.7	29	2.0	9.4
Zinc	mg/kg	30	38	84	43	16

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-46 TP146/ 0.0 Soil	60180-R-47 TP147/ 0.9 Soil	60180-R-48 TP148/ 0.0-0.05 Soil	60180-R-49 TP149/ 0.95 Soil	60180-R-50 TP150/ 0.1 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	11	9	25	27	15
Cadmium	mg/kg	0.5	0.3	0.93	0.3	0.8
Chromium	mg/kg	6.1	4.2	9.1	2.4	10
Copper	mg/kg	100	41	890	32	150
Lead	mg/kg	85	26	88	27	170
Nickel	mg/kg	10	15	22	3.4	20
Zinc	mg/kg	60	57	160	47	69

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil	60180-R-55 TP154/ 0.0-0.05 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	11	4	6	4	6
Cadmium	mg/kg	0.7	<0.3	0.8	0.7	0.4
Chromium	mg/kg	13	13	25	28	8.9
Copper	mg/kg	130	26	49	66	27
Lead	mg/kg	82	10	60	140	28
Nickel	mg/kg	20	18	59	41	7.6
Zinc	mg/kg	400	63	380	430	96

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil	60180-R-60 TP159/ 0.5 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	4	5	120	8	5
Cadmium	mg/kg	2.6	0.4	1.1	<0.3	<0.3
Chromium	mg/kg	23	10	17	7.3	2.7
Copper	mg/kg	33	27	61	11	11
Lead	mg/kg	81	46	35	7	14
Nickel	mg/kg	26	6.6	35	9.1	2.7
Zinc	mg/kg	1,500	110	95	86	49

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	5	17	5	34	<3
Cadmium	mg/kg	<0.3	0.6	<0.3	0.9	<0.3
Chromium	mg/kg	10	15	5.9	32	4.7
Copper	mg/kg	66	47	35	18	6.6
Lead	mg/kg	54	58	26	20	9.9
Nickel	mg/kg	13	11	10	6.6	2.6
Zinc	mg/kg	42	93	32	46	59

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	9	6	7	25	8
Cadmium	mg/kg	0.3	<0.3	0.3	1.0	0.4
Chromium	mg/kg	6.9	6.3	8.2	12	1.9
Copper	mg/kg	20	17	22	110	14
Lead	mg/kg	48	15	18	160	26
Nickel	mg/kg	11	9.6	10	33	3.8
Zinc	mg/kg	94	88	88	370	77

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Metals)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Arsenic	mg/kg	19	<3	<3	19	9
Cadmium	mg/kg	0.6	<0.3	<0.3	0.7	0.4
Chromium	mg/kg	11	0.7	1.9	7.6	7.0
Copper	mg/kg	17	0.7	12	740	19
Lead	mg/kg	32	7	8	100	17
Nickel	mg/kg	29	0.6	4.9	19	11
Zinc	mg/kg	130	26	110	120	94

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-1 BH-101/ 0.8-1.0	60180-R-2 BH-102/ 0.3-0.5	60180-R-3 BH-103/ 0.0-0.1	60180-R-4 BH-104/ 0.8-1.0	60180-R-5 BH-105/ 1.8-2.0
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Mercury	mg/kg	0.54	0.08	0.21	0.11	0.23

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-6 BH-106/ 0.0-0.1	60180-R-7 BH-107/ 0.8-1.0	60180-R-8 BH-108/ 0.3-0.5	60180-R-9 BH-109/ 0.0-0.1	60180-R-10 TP110/ 0.2
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Mercury	mg/kg	0.09	0.30	0.11	0.11	<0.05

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-11 TP111/ 0.8	60180-R-12 TP112/ 1.8	60180-R-13 TP113/ 0.5	60180-R-14 TP114/ 0.2	60180-R-15 TP115/ 1.0
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Mercury	mg/kg	0.17	0.54	<0.05	0.07	0.06

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-16 TP115A/ 0.6	60180-R-17 TP116/ 1.5	60180-R-18 TP117/ 2.0	60180-R-19 TP118/ 3.5	60180-R-20 TP119/ 1.0
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Mercury	mg/kg	0.23	0.27	0.06	0.20	0.07

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-21 TP160/ 4.0	60180-R-22 TP120/ 0.0-0.05	60180-R-23 TP121/ 0.3	60180-R-24 TP122/ 0.5	60180-R-25 TP124/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Analysed (Mercury)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Mercury	mg/kg	0.07	0.08	<0.05	0.50	0.18

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-26 TP125/ 0.3	60180-R-27 TP126/ 0.7	60180-R-28 TP127/ 0.0-0.05	60180-R-29 TP128/ 0.0-0.05	60180-R-30 TP128/ 1.6
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.08	0.21	0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-31 TP129/ 1.0	60180-R-32 TP130/ 0.5	60180-R-33 TP131/ 0.9	60180-R-34 TP131/ 1.3	60180-R-35 TP132/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.15	0.19	0.09	<0.05	0.20

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-36 TP134/ 0.1	60180-R-37 TP135/ 0.0-0.05	60180-R-38 TP136A/ 0.0-0.05	60180-R-39 TP138/ 0.0-0.05	60180-R-40 TP139/ 2.3
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	<0.05	0.07	0.19	0.16	0.14

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-41 TP140/ 0.1	60180-R-42 TP141/ 1.9	60180-R-43 TP142/ 0.1	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	<0.05	0.11	<0.05	0.15	0.11

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-46 TP146/ 0.0	60180-R-47 TP147/ 0.9	60180-R-48 TP148/ 0.0-0.05	60180-R-49 TP149/ 0.95	60180-R-50 TP150/ 0.1
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.15	0.09	0.05	0.56	<0.05

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-51 TP150/ 0.5	60180-R-52 TP151/ 0.0-0.05	60180-R-53 TP152/ 0.6	60180-R-54 TP153/ 0.0-0.05	60180-R-55 TP154/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.08	<0.05	0.12	<0.05	0.07

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference	UNITS -----	60180-R-56 TP155/ 0.1	60180-R-57 TP156/ 0.0-0.05	60180-R-58 TP157/ 0.7	60180-R-59 TP158/ 0.2	60180-R-60 TP159/ 0.5
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.05	0.07	<0.05	0.05	0.05

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.07	0.31	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	<0.05	<0.05	<0.05	0.12	0.09

Mercury Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Extracted (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Date Analysed (Mercury)		15/04/2008	15/04/2008	15/04/2008	15/04/2008	15/04/2008
Mercury	mg/kg	0.13	<0.05	<0.05	0.07	<0.05

Asbestos ID in soil Our Reference: Your Reference	UNITS -----	60180-R-1 BH-101/ 0.8-1.0	60180-R-2 BH-102/ 0.3-0.5	60180-R-3 BH-103/ 0.0-0.1	60180-R-6 BH-106/ 0.0-0.1	60180-R-7 BH-107/ 0.8-1.0
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference	UNITS -----	60180-R-8 BH-108/ 0.3-0.5	60180-R-9 BH-109/ 0.0-0.1	60180-R-10 TP110/ 0.2	60180-R-11 TP111/ 0.8	60180-R-12 TP112/ 1.8
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,cement mixture	40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference	UNITS -----	60180-R-13 TP113/ 0.5	60180-R-14 TP114/ 0.2	60180-R-15 TP115/ 1.0	60180-R-16 TP115A/ 0.6	60180-R-17 TP116/ 1.5
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,clay	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference	UNITS -----	60180-R-18 TP117/ 2.0	60180-R-19 TP118/ 3.5	60180-R-20 TP119/ 1.0	60180-R-21 TP160/ 4.0	60180-R-22 TP120/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference	UNITS -----	60180-R-23 TP121/ 0.3	60180-R-24 TP122/ 0.5	60180-R-25 TP124/ 0.0-0.05	60180-R-26 TP125/ 0.3	60180-R-27 TP126/ 0.7
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,clay	40g soil,sand,ro cks	40g soil,sand,ro cks	40g sand,rocks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference	UNITS -----	60180-R-28 TP127/ 0.0-0.05	60180-R-29 TP128/ 0.0-0.05	60180-R-31 TP129/ 1.0	60180-R-32 TP130/ 0.5	60180-R-33 TP131/ 0.9
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks,clay	40g soil,sand,ro cks,clay
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-35 TP132/ 0.0-0.05 Soil	60180-R-36 TP134/ 0.1 Soil	60180-R-37 TP135/ 0.0-0.05 Soil	60180-R-38 TP136A/ 0.0-0.05 Soil	60180-R-39 TP138/ 0.0-0.05 Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g sand,clay	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-40 TP139/ 2.3 Soil	60180-R-41 TP140/ 0.1 Soil	60180-R-42 TP141/ 1.9 Soil	60180-R-43 TP142/ 0.1 Soil	60180-R-44 TP143/ 0.65 Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g clay,sand,r ocks	40g soil,sand,ro cks	40g clay,sand,r ocks	40g clay,sand,r ocks	40g soil,sand,ro cks,clay
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-45 TP145/ 0.6 Soil	60180-R-46 TP146/ 0.0 Soil	60180-R-47 TP147/ 0.9 Soil	60180-R-48 TP148/ 0.0-0.05 Soil	60180-R-49 TP149/ 0.95 Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g sand,clay,r ocks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks,clay
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-50 TP150/ 0.1 Soil	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,sand,ro cks,clay	40g clay,sand,r ocks	40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-55 TP154/ 0.0-0.05 Soil	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil,sand,ro cks	40g soil	40g sand,clay
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-60 TP159/ 0.5 Soil	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-65 TP165/ 0.1 Soil
Date Analysed		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Sample Description		40g clay	40g soil,sand,ro cks	40g soil,sand,ro cks	v40g soil,sand,ro cks	40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-68 TP169/ 0.0-0.02 Soil
Date Analysed		17/04/2008
Sample Description		40g soil,sand,ro cks
Asbestos ID in soil	-	No asbestos detected

Asbestos ID in materials Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-76 148A/ 0.0 Fibre	60180-R-77 153A/ 0.0 Fibre
Date Analysed		17/04/2008	17/04/2008
Sample Description		80x60x4m m cement sheet fragments	70x50x4m m cement sheet fragments
Asbestos ID in materials	-	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected

Moisture						
Our Reference:	UNITS	60180-R-1	60180-R-2	60180-R-3	60180-R-4	60180-R-5
Your Reference	-----	BH-101/ 0.8-1.0	BH-102/ 0.3-0.5	BH-103/ 0.0-0.1	BH-104/ 0.8-1.0	BH-105/ 1.8-2.0
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth						
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	10	8	7	21	16

Moisture						
Our Reference:	UNITS	60180-R-6	60180-R-7	60180-R-8	60180-R-9	60180-R-10
Your Reference	-----	BH-106/ 0.0-0.1	BH-107/ 0.8-1.0	BH-108/ 0.3-0.5	BH-109/ 0.0-0.1	TP110/ 0.2
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth						
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	6	29	10	12	11

Moisture						
Our Reference:	UNITS	60180-R-11	60180-R-12	60180-R-13	60180-R-14	60180-R-15
Your Reference	-----	TP111/ 0.8	TP112/ 1.8	TP113/ 0.5	TP114/ 0.2	TP115/ 1.0
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth						
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	16	18	16	11	16

Moisture						
Our Reference:	UNITS	60180-R-16	60180-R-17	60180-R-18	60180-R-19	60180-R-20
Your Reference	-----	TP115A/ 0.6	TP116/ 1.5	TP117/ 2.0	TP118/ 3.5	TP119/ 1.0
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth						
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	20	31	32	14	9

Moisture						
Our Reference:	UNITS	60180-R-21	60180-R-22	60180-R-23	60180-R-24	60180-R-25
Your Reference	-----	TP160/ 4.0	TP120/ 0.0-0.05	TP121/ 0.3	TP122/ 0.5	TP124/ 0.0-0.05
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth						
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	35	10	4	15	5

Moisture Our Reference: Your Reference	UNITS -----	60180-R-26 TP125/ 0.3	60180-R-27 TP126/ 0.7	60180-R-28 TP127/ 0.0-0.05	60180-R-29 TP128/ 0.0-0.05	60180-R-30 TP128/ 1.6
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	6	15	6	18	33

Moisture Our Reference: Your Reference	UNITS -----	60180-R-31 TP129/ 1.0	60180-R-32 TP130/ 0.5	60180-R-33 TP131/ 0.9	60180-R-34 TP131/ 1.3	60180-R-35 TP132/ 0.0-0.05
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	12	11	16	34	11

Moisture Our Reference: Your Reference	UNITS -----	60180-R-36 TP134/ 0.1	60180-R-37 TP135/ 0.0-0.05	60180-R-38 TP136A/ 0.0-0.05	60180-R-39 TP138/ 0.0-0.05	60180-R-40 TP139/ 2.3
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	10	5	16	10	22

Moisture Our Reference: Your Reference	UNITS -----	60180-R-41 TP140/ 0.1	60180-R-42 TP141/ 1.9	60180-R-43 TP142/ 0.1	60180-R-44 TP143/ 0.65	60180-R-45 TP145/ 0.6
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	25	19	10	10	11

Moisture Our Reference: Your Reference	UNITS -----	60180-R-46 TP146/ 0.0	60180-R-47 TP147/ 0.9	60180-R-48 TP148/ 0.0-0.05	60180-R-49 TP149/ 0.95	60180-R-50 TP150/ 0.1
Sample Type Depth	-----	Soil	Soil	Soil	Soil	Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	17	25	30	15	5

Moisture Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-51 TP150/ 0.5 Soil	60180-R-52 TP151/ 0.0-0.05 Soil	60180-R-53 TP152/ 0.6 Soil	60180-R-54 TP153/ 0.0-0.05 Soil	60180-R-55 TP154/ 0.0-0.05 Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	22	15	25	43	39

Moisture Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-56 TP155/ 0.1 Soil	60180-R-57 TP156/ 0.0-0.05 Soil	60180-R-58 TP157/ 0.7 Soil	60180-R-59 TP158/ 0.2 Soil	60180-R-60 TP159/ 0.5 Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	33	27	25	5	8

Moisture Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-61 TP162/ 1.3 Soil	60180-R-62 TP163/ 0.1 Soil	60180-R-63 TP164/ 0.4 Soil	60180-R-64 TP164/ 1.0 Soil	60180-R-65 TP165/ 0.1 Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	30	15	16	26	6

Moisture Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-66 TP166/ 0.0-0.02 Soil	60180-R-67 TP168/ 0.0-0.02 Soil	60180-R-68 TP169/ 0.0-0.02 Soil	60180-R-69 BD103 Soil	60180-R-70 BD105 Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	35	36	12	28	14

Moisture Our Reference: Your Reference Sample Type Depth	UNITS ----- -----	60180-R-71 BD106 Soil	60180-R-72 BD108 Soil	60180-R-73 BD116 Soil	60180-R-74 BD117 Soil	60180-R-75 BD121 Soil
Date Analysed (moisture)		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Moisture	%	4	19	27	21	29

Method ID	Methodology Summary
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is aaa-trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
SEO-030	PAHs by GC/MS - Determination of Polynuclear Aromatic Hydrocarbons (PAH's) by Gas Chromatography / Mass Spectrometry following extraction with dichloromethane or dichloromethane/acetone. The surrogate spike used is p-Terphenyl-d14.
SEO-005	OC/OP/PCB - Determination of a suite of Organchlorine Pesticides, Chlorinated Organo-phosphorus Pesticides and Polychlorinated Biphenyls (PCB's) by sonication extraction using dichloromethane for waters or acetone / hexane for soils followed by Gas Chromatographic separation with Electron Capture Detection (GC/ECD). The surrogate spike used is 2,4,5,6-Tetrachloro-m-xylene.
AN101	pH - Measured using pH meter and electrode in accordance with APHA 20th ED, 4500-H+.
SEI-037	Ammonia - Determined by colourimetric method using Discrete Analyser
AN106	Conductivity and TDS by Calculation (cTDS) - Conductivity is measured using a conductivity cell and dedicated meter, in accordance with APHA Method 2510, 20th edition. TDS is calculated by $TDS(mg/L) = 0.6 \times \text{Conductivity}(\mu S/cm)$.
Ext-020	Analysis subcontracted to Australian Government National Measurement Institute.
SEM-010	Metals - Determination of various metals by ICP-OES following appropriate sample preparation or digestion process.
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.
AN602	Qualitative identification of asbestos type fibres in bulk using Polarised Light Microscopy and Dispersion Staining Techniques. Accreditation does not cover the identification of Synthetic Mineral Fibre.
AN002	Preparation of soils, sediments and sludges undergo analysis by either air drying, compositing, subsampling and 1:5 soil water extraction where required. Moisture content is determined by drying the sample at $105 \pm 5^{\circ}C$.

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
BTEX in Soil								
Date Extracted (BTEX)				14/04/08	60180-10	14/04/2008 14/04/2008	60180-1	14/04/08%
Date Analysed (BTEX)				15/04/08	60180-10	15/04/2008 15/04/2008	60180-1	15/04/08%
Benzene	mg/kg	0.5	SEO-018	<0.5	60180-10	<0.5 <0.5	60180-1	92%
Toluene	mg/kg	0.5	SEO-018	<0.5	60180-10	<0.5 <0.5	60180-1	87%
Ethylbenzene	mg/kg	0.5	SEO-018	<0.5	60180-10	<0.5 <0.5	60180-1	90%
Total Xylenes	mg/kg	1.5	SEO-018	<1.5	60180-10	<1.5 <1.5	60180-1	91%
BTEX Surrogate (%)	%	0	SEO-018	108	60180-10	97 100 RPD: 3	60180-1	99%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
TRH in soil with..C6-C9 by P/T								
Date Extracted (TRH C6-C9 PT)				14/04/08	60180-10	14/04/2008 14/04/2008	60180-1	14/04/08%
Date Analysed (TRH C6-C9 PT)				15/04/08	60180-10	15/04/2008 15/04/2008	60180-1	15/04/08%
TRH C6 - C9 P&T	mg/kg	20	SEO-017	<20	60180-10	<20 <20	60180-1	103%
Date Extracted (TRH C10-C36)				15/04/08	60180-10	15/04/2008 15/04/2008	60180-1	15/04/08%
Date Analysed (TRH C10-C36)				16/04/08	60180-10	16/04/2008 16/04/2008	60180-1	16/04/08%
TRH C10 - C14	mg/kg	20	SEO-020	<20	60180-10	<20 <20	60180-1	95%
TRH C15 - C28	mg/kg	50	SEO-020	<50	60180-10	110 65 RPD: 51	60180-1	117%
TRH C29 - C36	mg/kg	50	SEO-020	<50	60180-10	<50 <50	60180-1	107%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Soil								
Date Extracted				15/04/08	60180-30	15/04/2008 15/04/2008	60180-6	15/04/08%
Date Analysed				16/04/08	60180-30	16/04/2008 16/04/2008	60180-6	16/04/08%
Naphthalene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	120%
Acenaphthylene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	75%
Acenaphthene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	139%
Fluorene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	[NR]	[NR]
Phenanthrene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	116%
Anthracene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	119%
Fluoranthene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	94%
Pyrene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	60180-6	84%
Benzo[a]anthracene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	0.2	SEO-030	<0.2	60180-30	<0.2 <0.2	[NR]	[NR]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Soil								
Benzo[a]pyrene	mg/kg	0.05	SEO-030	<0.05	60180-30	<0.05 <0.05	60180-6	80%
Indeno[123-cd]pyrene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	[NR]	[NR]
Dibenzo[ah]anthracene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	0.1	SEO-030	<0.1	60180-30	<0.1 <0.1	[NR]	[NR]
Total PAHs	mg/kg	1.55	SEO-030	<1.55	60180-30	<1.55 <1.55	[NR]	[NR]
Nitrobenzene-d5	%	0	SEO-030	74	60180-30	92 99 RPD: 7	60180-6	100%
2-Fluorobiphenyl	%	0	SEO-030	98	60180-30	103 116 RPD: 12	60180-6	109%
<i>p</i> -Terphenyl-d14	%	0	SEO-030	105	60180-30	104 107 RPD: 3	60180-6	95%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
OC Pesticides in Soil								
Date Extracted				14/04/08	60180-2	14/04/2008 14/04/2008	60180-9	14/04/08%
Date Analysed				14/04/08	60180-2	14/04/2008 14/04/2008	60180-9	14/04/08%
HCB	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	139%
Aldrin	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	132%
<i>beta</i> -BHC	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	125%
Heptachlor Epoxide	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	133%
Endrin	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	129%
<i>o,p</i> -DDD	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	129%
Endosulfan Sulphate	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]

QUALITY CONTROL OC Pesticides in Soil	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Endrin Ketone	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xy lene (<i>Surrogate</i>)	%	0	SEO-005	107	60180-2	101 102 RPD: 1	60180-9	111%
QUALITY CONTROL OP Pesticides in Soil	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				14/04/08	60180-2	14/04/2008 14/04/2008	60180-9	14/04/08%
Date Analysed				14/04/08	60180-2	14/04/2008 14/04/2008	60180-9	14/04/08%
Chlorpyrifos	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-9	122%
Fenitrothion	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Bromofos Ethyl	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Ethion	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
OP_Surrogate 1	%	0	SEO-005	107	60180-2	101 102 RPD: 1	60180-9	111%
QUALITY CONTROL PCBs in Soil	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				14/04/08	60180-2	14/04/2008 14/04/2008	60180-10	14/04/08%
Date Analysed				14/04/08	60180-2	14/04/2008 14/04/2008	60180-10	14/04/08%
Arochlor 1016	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1260	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	60180-10	104%
Arochlor 1262	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Arochlor 1268	mg/kg	0.1	SEO-005	<0.1	60180-2	<0.1 <0.1	[NR]	[NR]
Total Positive PCB	mg/kg	0.9	SEO-005	<0.90	60180-2	<0.90 <0.90	[NR]	[NR]
PCB_Surrogate 1	%	0	SEO-005	107	60180-2	101 102 RPD: 1	60180-10	111%

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD		
Inorganics								
Date Extracted (pH)				[NT]	60180-4	14/04/2008 14/04/2008		
Date Analysed (pH)				[NT]	60180-4	15/04/2008 15/04/2008		
pH 1:5 soil:water	pH Units	0	AN101	[NT]	60180-4	7.6 7.4 RPD: 3		
Electrical Conductivity 1:5 soil:water	µS/cm	1	AN106	<1.0	60180-4	380 390 RPD: 3		
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD		
Anions in soil								
Date Extracted				22/04/08	60180-4	22/04/2008 22/04/2008		
Date Analysed				22/04/08	60180-4	22/04/2008 22/04/2008		
Chloride, Cl 1:5 soil:water	mg/kg	0.5	Ext-020	<0.5	60180-4	10 10 RPD: 0		
Sulphate, SO ₄ 1:5 soil:water	mg/kg	2	Ext-020	<2	60180-4	47 44 RPD: 7		
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Metals in Soil by ICP-OES								
Date Extracted (Metals)				16/04/08	60180-1	16/04/2008 16/04/2008	LCS	16/04/08%
Date Analysed (Metals)				16/04/08	60180-1	16/04/2008 16/04/2008	LCS	16/04/08%
Arsenic	mg/kg	3	SEM-010	<3	60180-1	28 29 RPD: 4	LCS	94%
Cadmium	mg/kg	0.3	SEM-010	<0.3	60180-1	<0.3 <0.3	LCS	99%
Chromium	mg/kg	0.3	SEM-010	<0.3	60180-1	2.1 2.0 RPD: 5	LCS	94%
Copper	mg/kg	0.5	SEM-010	<0.5	60180-1	13 15 RPD: 14	LCS	99%
Lead	mg/kg	1	SEM-010	<1	60180-1	14 14 RPD: 0	LCS	98%
Nickel	mg/kg	0.5	SEM-010	<0.5	60180-1	3.0 3.2 RPD: 6	LCS	96%
Zinc	mg/kg	0.5	SEM-010	<0.5	60180-1	15 18 RPD: 18	LCS	96%

QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Mercury)				14/04/08	60180-1	14/04/2008 14/04/2008	60180-2	14/04/08%
Date Analysed (Mercury)				14/04/08	60180-1	14/04/2008 14/04/2008	60180-2	14/04/08%
Mercury	mg/kg	0.05	SEM-005	<0.05	60180-1	0.54 0.44 RPD: 20	60180-2	94%
QUALITY CONTROL Asbestos ID in soil	UNITS	LOR	METHOD	Blank				
Date Analysed				[NT]				
QUALITY CONTROL Asbestos ID in materials	UNITS	LOR	METHOD	Blank				
Date Analysed				[NT]				
QUALITY CONTROL Moisture	UNITS	LOR	METHOD	Blank				
Date Analysed (moisture)				14/04/08				
Moisture	%	1	AN002	<1				
QUALITY CONTROL BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#				
Date Extracted (BTEX)		60180-20	14/04/2008 14/04/2008	60180-21	14/04/08%			
Date Analysed (BTEX)		60180-20	15/04/2008 15/04/2008	60180-21	15/04/08%			
Benzene	mg/kg	60180-20	<0.5 <0.5	60180-21	71%			
Toluene	mg/kg	60180-20	<0.5 <0.5	60180-21	66%			
Ethylbenzene	mg/kg	60180-20	<0.5 <0.5	60180-21	66%			
Total Xylenes	mg/kg	60180-20	<1.5 <1.5	60180-21	68%			
BTEX Surrogate (%)	%	60180-20	110 107 RPD: 3	60180-21	87%			

QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)		60180-20	14/04/2008 14/04/2008	60180-21	14/04/08%
Date Analysed (TRH C6-C9 PT)		60180-20	15/04/2008 15/04/2008	60180-21	15/04/08%
TRH C6 - C9 P&T	mg/kg	60180-20	<20 <20	60180-21	75%
Date Extracted (TRH C10-C36)		60180-20	15/04/2008 15/04/2008	60180-21	15/04/08%
Date Analysed (TRH C10-C36)		60180-20	16/04/2008 16/04/2008	60180-21	16/04/08%
TRH C10 - C14	mg/kg	60180-20	<20 <20	60180-21	93%
TRH C15 - C28	mg/kg	60180-20	230 200 RPD: 14	60180-21	135%
TRH C29 - C36	mg/kg	60180-20	140 120 RPD: 15	60180-21	105%
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-40	15/04/2008 15/04/2008	60180-31	15/04/08%
Date Analysed		60180-40	16/04/2008 16/04/2008	60180-31	16/04/08%
Naphthalene	mg/kg	60180-40	<0.1 <0.1	60180-31	114%
Acenaphthylene	mg/kg	60180-40	<0.1 <0.1	60180-31	105%
Acenaphthene	mg/kg	60180-40	<0.1 <0.1	60180-31	125%
Fluorene	mg/kg	60180-40	<0.1 <0.1	[NR]	[NR]
Phenanthrene	mg/kg	60180-40	<0.1 0.1	60180-31	105%
Anthracene	mg/kg	60180-40	<0.1 <0.1	60180-31	103%
Fluoranthene	mg/kg	60180-40	<0.1 <0.1	60180-31	105%
Pyrene	mg/kg	60180-40	<0.1 <0.1	60180-31	105%
Benzo[a]anthracene	mg/kg	60180-40	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	60180-40	<0.1 <0.1	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	60180-40	<0.2 <0.2	[NR]	[NR]
Benzo[a]pyrene	mg/kg	60180-40	<0.05 <0.05	60180-31	91%
Indeno[123-cd]pyrene	mg/kg	60180-40	<0.1 <0.1	[NR]	[NR]
Dibenzo[ah]anthracene	mg/kg	60180-40	<0.1 <0.1	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	60180-40	<0.1 <0.1	[NR]	[NR]
Total PAHs	mg/kg	60180-40	<1.55 <1.55	[NR]	[NR]
Nitrobenzene-d5	%	60180-40	87 108 RPD: 22	60180-31	97%
2-Fluorobiphenyl	%	60180-40	70 85 RPD: 19	60180-31	95%
<i>p</i> -Terphenyl- <i>d</i> 14	%	60180-40	93 86 RPD: 8	60180-31	98%

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-13	14/04/2008 14/04/2008	60180-30	14/04/08%
Date Analysed		60180-13	14/04/2008 14/04/2008	60180-30	14/04/08%
HCB	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	60180-13	<0.1 <0.1	60180-30	125%
Aldrin	mg/kg	60180-13	<0.1 <0.1	60180-30	137%
<i>beta</i> -BHC	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	60180-13	<0.1 <0.1	60180-30	119%
Heptachlor Epoxide	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	60180-13	<0.1 <0.1	60180-30	134%
Endrin	mg/kg	60180-13	<0.1 <0.1	60180-30	133%
<i>o,p</i> -DDD	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	60180-13	<0.1 <0.1	60180-30	119%
Endosulfan Sulphate	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Endrin Ketone	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-13	113 118 RPD: 4	60180-30	118%

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-13	14/04/2008 14/04/2008	60180-30	14/04/08%
Date Analysed		60180-13	14/04/2008 14/04/2008	60180-30	14/04/08%
Chlorpyrifos	mg/kg	60180-13	<0.1 <0.1	60180-30	112%
Fenitrothion	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Bromofos Ethyl	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Ethion	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
OP_Surrogate 1	%	60180-13	113 118 RPD: 4	60180-30	118%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-13	14/04/2008 14/04/2008	60180-30	14/04/08%
Date Analysed		60180-13	14/04/2008 14/04/2008	60180-30	14/04/08%
Arochlor 1016	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1260	mg/kg	60180-13	<0.1 <0.1	60180-30	118%
Arochlor 1262	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Arochlor 1268	mg/kg	60180-13	<0.1 <0.1	[NR]	[NR]
Total Positive PCB	mg/kg	60180-13	<0.90 <0.90	[NR]	[NR]
PCB_Surrogate 1	%	60180-13	113 118 RPD: 4	60180-30	117%

QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Extracted (pH)		60180-16	14/04/2008 14/04/2008		
Date Analysed (pH)		60180-16	15/04/2008 15/04/2008		
pH 1:5 soil:water 1:5 soil:water	pH Units	60180-16	7.9 7.8 RPD: 1		
Electrical Conductivity 1:5 soil:water	µS/cm	60180-16	230 280 RPD: 20		
QUALITY CONTROL Anions in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Extracted		60180-16	22/04/2008 22/04/2008		
Date Analysed		60180-16	22/04/2008 22/04/2008		
Chloride, Cl 1:5 soil:water	mg/kg	60180-16	6.3 4.5 RPD: 33		
Sulphate, SO ₄ 1:5 soil:water	mg/kg	60180-16	17 18 RPD: 6		
QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Metals)		60180-11	16/04/2008 16/04/2008	60180-22	16/04/08%
Date Analysed (Metals)		60180-11	16/04/2008 16/04/2008	60180-22	16/04/08%
Arsenic	mg/kg	60180-11	15 11 RPD: 31	60180-22	84%
Cadmium	mg/kg	60180-11	0.3 0.3 RPD: 0	60180-22	94%
Chromium	mg/kg	60180-11	1.0 1.2 RPD: 18	60180-22	100%
Copper	mg/kg	60180-11	13 13 RPD: 0	60180-22	84%
Lead	mg/kg	60180-11	24 23 RPD: 4	60180-22	79%
Nickel	mg/kg	60180-11	2.5 3.2 RPD: 25	60180-22	84%
Zinc	mg/kg	60180-11	48 46 RPD: 4	60180-22	79%

QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Mercury)		60180-11	14/04/2008 14/04/2008	60180-22	14/04/08%
Date Analysed (Mercury)		60180-11	14/04/2008 14/04/2008	60180-22	14/04/08%
Mercury	mg/kg	60180-11	0.17 0.17 RPD: 0	60180-22	89%
QUALITY CONTROL BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (BTEX)		60180-30	14/04/2008 14/04/2008	60180-41	14/04/08%
Date Analysed (BTEX)		60180-30	15/04/2008 15/04/2008	60180-41	15/04/08%
Benzene	mg/kg	60180-30	<0.5 <0.5	60180-41	86%
Toluene	mg/kg	60180-30	<0.5 <0.5	60180-41	83%
Ethylbenzene	mg/kg	60180-30	<0.5 <0.5	60180-41	84%
Total Xylenes	mg/kg	60180-30	<1.5 <1.5	60180-41	86%
BTEX Surrogate (%)	%	60180-30	110 103 RPD: 7	60180-41	92%
QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)		60180-30	14/04/2008 14/04/2008	60180-41	14/04/08%
Date Analysed (TRH C6-C9 PT)		60180-30	15/04/2008 15/04/2008	60180-41	15/04/08%
TRH C6 - C9 P&T	mg/kg	60180-30	<20 <20	60180-41	99%
Date Extracted (TRH C10-C36)		60180-30	15/04/2008 15/04/2008	60180-41	15/04/08%
Date Analysed (TRH C10-C36)		60180-30	16/04/2008 16/04/2008	60180-41	16/04/08%
TRH C10 - C14	mg/kg	60180-30	<20 <20	60180-41	81%
TRH C15 - C28	mg/kg	60180-30	<50 <50	60180-41	85%
TRH C29 - C36	mg/kg	60180-30	<50 <50	60180-41	89%

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Soil					
Date Extracted		60180-20	15/04/2008 15/04/2008	60180-42	15/04/08%
Date Analysed		60180-20	16/04/2008 16/04/2008	60180-42	16/04/08%
Naphthalene	mg/kg	60180-20	<0.1 <0.1	60180-42	106%
Acenaphthylene	mg/kg	60180-20	<0.1 <0.1	60180-42	110%
Acenaphthene	mg/kg	60180-20	<0.1 <0.1	60180-42	113%
Fluorene	mg/kg	60180-20	<0.1 <0.1	[NR]	[NR]
Phenanthrene	mg/kg	60180-20	0.4 0.4 RPD: 0	60180-42	97%
Anthracene	mg/kg	60180-20	<0.1 <0.1	60180-42	101%
Fluoranthene	mg/kg	60180-20	<0.1 <0.1	60180-42	116%
Pyrene	mg/kg	60180-20	<0.1 <0.1	60180-42	97%
Benzo[a]anthracene	mg/kg	60180-20	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	60180-20	<0.1 <0.1	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	60180-20	<0.2 <0.2	[NR]	[NR]
Benzo[a]pyrene	mg/kg	60180-20	<0.05 <0.05	60180-42	78%
Indeno[123-cd]pyrene	mg/kg	60180-20	<0.1 <0.1	[NR]	[NR]
Dibenzo[ah]anthracene	mg/kg	60180-20	<0.1 <0.1	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	60180-20	<0.1 <0.1	[NR]	[NR]
Total PAHs	mg/kg	60180-20	<1.85 <1.85	[NR]	[NR]
Nitrobenzene-d5	%	60180-20	102 85 RPD: 18	60180-42	82%
2-Fluorobiphenyl	%	60180-20	101 129 RPD: 24	60180-42	74%
<i>p</i> -Terphenyl-d14	%	60180-20	90 104 RPD: 14	60180-42	71%

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-23	14/04/2008 14/04/2008	60180-49	14/04/08%
Date Analysed		60180-23	14/04/2008 14/04/2008	60180-49	14/04/08%
HCB	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	60180-23	<0.1 <0.1	60180-49	79%
Aldrin	mg/kg	60180-23	<0.1 <0.1	60180-49	77%
<i>beta</i> -BHC	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	60180-23	<0.1 <0.1	60180-49	74%
Heptachlor Epoxide	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	60180-23	<0.1 <0.1	60180-49	74%
Endrin	mg/kg	60180-23	<0.1 <0.1	60180-49	75%
<i>o,p</i> -DDD	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	60180-23	<0.1 <0.1	60180-49	72%
Endosulfan Sulphate	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Endrin Ketone	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-23	102 102 RPD: 0	60180-49	126%

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-23	14/04/2008 14/04/2008	60180-49	14/04/08%
Date Analysed		60180-23	14/04/2008 14/04/2008	60180-49	14/04/08%
Chlorpyrifos	mg/kg	60180-23	<0.1 <0.1	60180-49	79%
Fenitrothion	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Bromofos Ethyl	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Ethion	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
OP_Surrogate 1	%	60180-23	102 102 RPD: 0	60180-49	126%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-23	14/04/2008 14/04/2008	60180-50	14/04/08%
Date Analysed		60180-23	14/04/2008 14/04/2008	60180-50	14/04/08%
Arochlor 1016	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1260	mg/kg	60180-23	<0.1 <0.1	60180-50	94%
Arochlor 1262	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Arochlor 1268	mg/kg	60180-23	<0.1 <0.1	[NR]	[NR]
Total Positive PCB	mg/kg	60180-23	<0.90 <0.90	[NR]	[NR]
PCB_Surrogate 1	%	60180-23	102 102 RPD: 0	60180-50	126%

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Metals)		60180-21	16/04/2008 16/04/2008	60180-42	16/04/08%
Date Analysed (Metals)		60180-21	16/04/2008 16/04/2008	60180-42	16/04/08%
Arsenic	mg/kg	60180-21	<3 4	60180-42	83%
Cadmium	mg/kg	60180-21	<0.3 <0.3	60180-42	88%
Chromium	mg/kg	60180-21	2.1 1.9 RPD: 10	60180-42	87%
Copper	mg/kg	60180-21	6.9 12 RPD: 54	60180-42	83%
Lead	mg/kg	60180-21	9 9 RPD: 0	60180-42	78%
Nickel	mg/kg	60180-21	3.0 2.9 RPD: 3	60180-42	83%
Zinc	mg/kg	60180-21	160 160 RPD: 0	60180-42	81%
QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Mercury)		60180-21	14/04/2008 14/04/2008	60180-42	15/04/08%
Date Analysed (Mercury)		60180-21	14/04/2008 14/04/2008	60180-42	15/04/08%
Mercury	mg/kg	60180-21	0.07 0.07 RPD: 0	60180-42	101%
QUALITY CONTROL BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (BTEX)		60180-40	14/04/2008 14/04/2008	60180-61	14/04/08%
Date Analysed (BTEX)		60180-40	15/04/2008 15/04/2008	60180-61	15/04/08%
Benzene	mg/kg	60180-40	<0.5 <0.5	60180-61	71%
Toluene	mg/kg	60180-40	<0.5 <0.5	60180-61	85%
Ethylbenzene	mg/kg	60180-40	<0.5 <0.5	60180-61	84%
Total Xylenes	mg/kg	60180-40	<1.5 <1.5	60180-61	85%
BTEX Surrogate (%)	%	60180-40	105 107 RPD: 2	60180-61	97%

QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)		60180-40	14/04/2008 14/04/2008	60180-61	14/04/08%
Date Analysed (TRH C6-C9 PT)		60180-40	15/04/2008 15/04/2008	60180-61	15/04/08%
TRH C6 - C9 P&T	mg/kg	60180-40	<20 <20	60180-61	98%
Date Extracted (TRH C10-C36)		60180-40	15/04/2008 15/04/2008	60180-61	15/04/08%
Date Analysed (TRH C10-C36)		60180-40	16/04/2008 16/04/2008	60180-61	16/04/08%
TRH C10 - C14	mg/kg	60180-40	<20 <20	60180-61	72%
TRH C15 - C28	mg/kg	60180-40	<50 <50	60180-61	74%
TRH C29 - C36	mg/kg	60180-40	<50 <50	60180-61	92%
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-70	15/04/2008 15/04/2008	60180-62	15/04/08%
Date Analysed		60180-70	16/04/2008 16/04/2008	60180-62	16/04/08%
Naphthalene	mg/kg	60180-70	<0.1 <0.1	60180-62	122%
Acenaphthylene	mg/kg	60180-70	<0.1 <0.1	60180-62	129%
Acenaphthene	mg/kg	60180-70	<0.1 <0.1	60180-62	133%
Fluorene	mg/kg	60180-70	<0.1 <0.1	[NR]	[NR]
Phenanthrene	mg/kg	60180-70	0.6 0.7 RPD: 15	60180-62	129%
Anthracene	mg/kg	60180-70	<0.1 <0.1	60180-62	128%
Fluoranthene	mg/kg	60180-70	0.5 0.5 RPD: 0	60180-62	131%
Pyrene	mg/kg	60180-70	0.5 0.5 RPD: 0	60180-62	131%
Benzo[a]anthracene	mg/kg	60180-70	0.4 0.4 RPD: 0	[NR]	[NR]
Chrysene	mg/kg	60180-70	0.3 0.3 RPD: 0	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	60180-70	0.2 0.2 RPD: 0	[NR]	[NR]
Benzo[a]pyrene	mg/kg	60180-70	0.13 0.13 RPD: 0	60180-62	105%
Indeno[123-cd]pyrene	mg/kg	60180-70	<0.1 <0.1	[NR]	[NR]
Dibenzo[ah]anthracene	mg/kg	60180-70	<0.1 <0.1	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	60180-70	<0.1 <0.1	[NR]	[NR]
Total PAHs	mg/kg	60180-70	<3.38 <3.53	[NR]	[NR]
Nitrobenzene-d5	%	60180-70	119 121 RPD: 2	60180-62	104%
2-Fluorobiphenyl	%	60180-70	103 104 RPD: 1	60180-62	97%
<i>p</i> -Terphenyl- <i>d</i> 14	%	60180-70	97 98 RPD: 1	60180-62	98%

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-33	14/04/2008 14/04/2008	60180-69	14/04/08%
Date Analysed		60180-33	14/04/2008 14/04/2008	60180-69	14/04/08%
HCB	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	60180-33	<0.1 <0.1	60180-69	74%
Aldrin	mg/kg	60180-33	<0.1 <0.1	60180-69	74%
<i>beta</i> -BHC	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	60180-33	<0.1 <0.1	60180-69	71%
Heptachlor Epoxide	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	60180-33	<0.1 <0.1	60180-69	85%
Endrin	mg/kg	60180-33	<0.1 <0.1	60180-69	75%
<i>o,p</i> -DDD	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	60180-33	<0.1 <0.1	60180-69	73%
Endosulfan Sulphate	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Endrin Ketone	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-33	106 83 RPD: 24	60180-69	124%

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-33	14/04/2008 14/04/2008	60180-69	14/04/08%
Date Analysed		60180-33	14/04/2008 14/04/2008	60180-69	14/04/08%
Chlorpyrifos	mg/kg	60180-33	<0.1 <0.1	60180-69	74%
Fenitrothion	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Bromofos Ethyl	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Ethion	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
OP_Surrogate 1	%	60180-33	106 83 RPD: 24	60180-69	124%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		60180-33	14/04/2008 14/04/2008	60180-70	14/04/08%
Date Analysed		60180-33	14/04/2008 14/04/2008	60180-70	14/04/08%
Arochlor 1016	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1260	mg/kg	60180-33	<0.1 <0.1	60180-70	94%
Arochlor 1262	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Arochlor 1268	mg/kg	60180-33	<0.1 <0.1	[NR]	[NR]
Total Positive PCB	mg/kg	60180-33	<0.90 <0.90	[NR]	[NR]
PCB_Surrogate 1	%	60180-33	106 83 RPD: 24	60180-70	126%

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Metals)		60180-31	16/04/2008 16/04/2008	60180-62	16/04/08%
Date Analysed (Metals)		60180-31	16/04/2008 16/04/2008	60180-62	16/04/08%
Arsenic	mg/kg	60180-31	8 8 RPD: 0	60180-62	97%
Cadmium	mg/kg	60180-31	<0.3 <0.3	60180-62	85%
Chromium	mg/kg	60180-31	1.8 2.5 RPD: 33	60180-62	76%
Copper	mg/kg	60180-31	10 14 RPD: 33	60180-62	109%
Lead	mg/kg	60180-31	15 16 RPD: 6	60180-62	88%
Nickel	mg/kg	60180-31	3.9 5.0 RPD: 25	60180-62	85%
Zinc	mg/kg	60180-31	23 35 RPD: 41	60180-62	121%
QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Mercury)		60180-31	15/04/2008 15/04/2008	LCS	15/04/08%
Date Analysed (Mercury)		60180-31	15/04/2008 15/04/2008	LCS	15/04/08%
Mercury	mg/kg	60180-31	0.15 0.15 RPD: 0	LCS	106%
QUALITY CONTROL BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Extracted (BTEX)		60180-50	14/04/2008 14/04/2008		
Date Analysed (BTEX)		60180-50	15/04/2008 15/04/2008		
Benzene	mg/kg	60180-50	<0.5 <0.5		
Toluene	mg/kg	60180-50	<0.5 <0.5		
Ethylbenzene	mg/kg	60180-50	<0.5 <0.5		
Total Xylenes	mg/kg	60180-50	<1.5 <1.5		
BTEX Surrogate (%)	%	60180-50	105 106 RPD: 1		

QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)		60180-50	14/04/2008 14/04/2008
Date Analysed (TRH C6-C9 PT)		60180-50	15/04/2008 15/04/2008
TRH C6 - C9 P&T	mg/kg	60180-50	<20 <20
Date Extracted (TRH C10-C36)		60180-50	15/04/2008 15/04/2008
Date Analysed (TRH C10-C36)		60180-50	16/04/2008 16/04/2008
TRH C10 - C14	mg/kg	60180-50	<200 <200
TRH C15 - C28	mg/kg	60180-50	860 790 RPD: 8
TRH C29 - C36	mg/kg	60180-50	2000 1900 RPD: 5
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-75	15/04/2008 15/04/2008
Date Analysed		60180-75	16/04/2008 16/04/2008
Naphthalene	mg/kg	60180-75	<0.1 <0.1
Acenaphthylene	mg/kg	60180-75	<0.1 <0.1
Acenaphthene	mg/kg	60180-75	<0.1 <0.1
Fluorene	mg/kg	60180-75	<0.1 <0.1
Phenanthrene	mg/kg	60180-75	<0.1 <0.1
Anthracene	mg/kg	60180-75	<0.1 <0.1
Fluoranthene	mg/kg	60180-75	0.1 0.1 RPD: 0
Pyrene	mg/kg	60180-75	0.1 0.1 RPD: 0
Benzo[a]anthracene	mg/kg	60180-75	<0.1 <0.1
Chrysene	mg/kg	60180-75	<0.1 <0.1
Benzo[b,k]fluoranthene	mg/kg	60180-75	<0.2 <0.2
Benzo[a]pyrene	mg/kg	60180-75	0.05 <0.05
Indeno[123-cd]pyrene	mg/kg	60180-75	<0.1 <0.1
Dibenzo[ah]anthracene	mg/kg	60180-75	<0.1 <0.1
Benzo[ghi]perylene	mg/kg	60180-75	<0.1 <0.1
Total PAHs	mg/kg	60180-75	<1.56 <1.59
Nitrobenzene-d5	%	60180-75	116 116 RPD: 0
2-Fluorobiphenyl	%	60180-75	103 103 RPD: 0
<i>p</i> -Terphenyl-d14	%	60180-75	100 98 RPD: 2

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-43	14/04/2008 14/04/2008
Date Analysed		60180-43	14/04/2008 14/04/2008
HCB	mg/kg	60180-43	<0.1 <0.1
<i>alpha</i> -BHC	mg/kg	60180-43	<0.1 <0.1
gamma-BHC (Lindane)	mg/kg	60180-43	<0.1 <0.1
Heptachlor	mg/kg	60180-43	<0.1 <0.1
Aldrin	mg/kg	60180-43	<0.1 <0.1
<i>beta</i> -BHC	mg/kg	60180-43	<0.1 <0.1
<i>delta</i> -BHC	mg/kg	60180-43	<0.1 <0.1
Heptachlor Epoxide	mg/kg	60180-43	<0.1 <0.1
<i>o,p</i> -DDE	mg/kg	60180-43	<0.1 <0.1
<i>alpha</i> -Endosulfan	mg/kg	60180-43	<0.1 <0.1
<i>trans</i> -Chlordane	mg/kg	60180-43	<0.1 <0.1
<i>cis</i> -Chlordane	mg/kg	60180-43	<0.1 <0.1
<i>trans</i> -Nonachlor	mg/kg	60180-43	<0.1 <0.1
<i>p,p</i> -DDE	mg/kg	60180-43	<0.1 <0.1
Dieldrin	mg/kg	60180-43	<0.1 <0.1
Endrin	mg/kg	60180-43	<0.1 <0.1
<i>o,p</i> -DDD	mg/kg	60180-43	<0.1 <0.1
<i>o,p</i> -DDT	mg/kg	60180-43	<0.1 <0.1
<i>beta</i> -Endosulfan	mg/kg	60180-43	<0.1 <0.1
<i>p,p</i> -DDD	mg/kg	60180-43	<0.1 <0.1
<i>p,p</i> -DDT	mg/kg	60180-43	<0.1 <0.1
Endosulfan Sulphate	mg/kg	60180-43	<0.1 <0.1
Endrin Aldehyde	mg/kg	60180-43	<0.1 <0.1
Methoxychlor	mg/kg	60180-43	<0.1 <0.1
Endrin Ketone	mg/kg	60180-43	<0.1 <0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-43	107 107 RPD: 0

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-43	14/04/2008 14/04/2008
Date Analysed		60180-43	14/04/2008 14/04/2008
Chlorpyrifos	mg/kg	60180-43	<0.1 <0.1
Fenitrothion	mg/kg	60180-43	<0.1 <0.1
Bromofos Ethyl	mg/kg	60180-43	<0.1 <0.1
Ethion	mg/kg	60180-43	<0.1 <0.1
OP_Surrogate 1	%	60180-43	107 107 RPD: 0
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-43	14/04/2008 14/04/2008
Date Analysed		60180-43	14/04/2008 14/04/2008
Arochlor 1016	mg/kg	60180-43	<0.1 <0.1
Arochlor 1221	mg/kg	60180-43	<0.1 <0.1
Arochlor 1232	mg/kg	60180-43	<0.1 <0.1
Arochlor 1242	mg/kg	60180-43	<0.1 <0.1
Arochlor 1248	mg/kg	60180-43	<0.1 <0.1
Arochlor 1254	mg/kg	60180-43	<0.1 <0.1
Arochlor 1260	mg/kg	60180-43	<0.1 <0.1
Arochlor 1262	mg/kg	60180-43	<0.1 <0.1
Arochlor 1268	mg/kg	60180-43	<0.1 <0.1
Total Positive PCB	mg/kg	60180-43	<0.90 <0.90
PCB_Surrogate 1	%	60180-43	107 107 RPD: 0

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Metals)		60180-41	16/04/2008 16/04/2008
Date Analysed (Metals)		60180-41	16/04/2008 16/04/2008
Arsenic	mg/kg	60180-41	<3 <3
Cadmium	mg/kg	60180-41	<0.3 <0.3
Chromium	mg/kg	60180-41	2.5 1.8 RPD: 33
Copper	mg/kg	60180-41	11 8.5 RPD: 26
Lead	mg/kg	60180-41	9.5 8 RPD: 17
Nickel	mg/kg	60180-41	6.1 4.8 RPD: 24
Zinc	mg/kg	60180-41	30 24 RPD: 22
QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		60180-41	15/04/2008 15/04/2008
Date Analysed (Mercury)		60180-41	15/04/2008 15/04/2008
Mercury	mg/kg	60180-41	<0.05 <0.05
QUALITY CONTROL BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (BTEX)		60180-60	14/04/2008 14/04/2008
Date Analysed (BTEX)		60180-60	15/04/2008 15/04/2008
Benzene	mg/kg	60180-60	<0.5 <0.5
Toluene	mg/kg	60180-60	<0.5 <0.5
Ethylbenzene	mg/kg	60180-60	<0.5 <0.5
Total Xylenes	mg/kg	60180-60	<1.5 <1.5
BTEX Surrogate (%)	%	60180-60	109 119 RPD: 9

QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)		60180-60	14/04/2008 14/04/2008
Date Analysed (TRH C6-C9 PT)		60180-60	15/04/2008 15/04/2008
TRH C6 - C9 P&T	mg/kg	60180-60	<20 <20
Date Extracted (TRH C10-C36)		60180-60	15/04/2008 15/04/2008
Date Analysed (TRH C10-C36)		60180-60	16/04/2008 16/04/2008
TRH C10 - C14	mg/kg	60180-60	<20 <20
TRH C15 - C28	mg/kg	60180-60	<50 <50
TRH C29 - C36	mg/kg	60180-60	<50 <50
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-10	15/04/2008 15/04/2008
Date Analysed		60180-10	16/04/2008 16/04/2008
Naphthalene	mg/kg	60180-10	<0.1 <0.1
Acenaphthylene	mg/kg	60180-10	<0.1 <0.1
Acenaphthene	mg/kg	60180-10	<0.1 <0.1
Fluorene	mg/kg	60180-10	<0.1 <0.1
Phenanthrene	mg/kg	60180-10	0.4 0.2 RPD: 67
Anthracene	mg/kg	60180-10	<0.1 <0.1
Fluoranthene	mg/kg	60180-10	0.2 0.1 RPD: 67
Pyrene	mg/kg	60180-10	0.1 <0.1
Benzo[a]anthracene	mg/kg	60180-10	0.1 <0.1
Chrysene	mg/kg	60180-10	0.1 <0.1
Benzo[b,k]fluoranthene	mg/kg	60180-10	<0.2 <0.2
Benzo[a]pyrene	mg/kg	60180-10	<0.05 <0.05
Indeno[123-cd]pyrene	mg/kg	60180-10	<0.1 <0.1
Dibenzo[ah]anthracene	mg/kg	60180-10	<0.1 <0.1
Benzo[ghi]perylene	mg/kg	60180-10	<0.1 <0.1
Total PAHs	mg/kg	60180-10	<1.99 <1.68
Nitrobenzene-d5	%	60180-10	108 89 RPD: 19
2-Fluorobiphenyl	%	60180-10	92 80 RPD: 14
<i>p</i> -Terphenyl-d14	%	60180-10	102 97 RPD: 5

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-53	14/04/2008 14/04/2008
Date Analysed		60180-53	14/04/2008 14/04/2008
HCB	mg/kg	60180-53	<0.1 <0.1
<i>alpha</i> -BHC	mg/kg	60180-53	<0.1 <0.1
gamma-BHC (Lindane)	mg/kg	60180-53	<0.1 <0.1
Heptachlor	mg/kg	60180-53	<0.1 <0.1
Aldrin	mg/kg	60180-53	<0.1 <0.1
<i>beta</i> -BHC	mg/kg	60180-53	<0.1 <0.1
<i>delta</i> -BHC	mg/kg	60180-53	<0.1 <0.1
Heptachlor Epoxide	mg/kg	60180-53	<0.1 <0.1
<i>o,p</i> -DDE	mg/kg	60180-53	<0.1 <0.1
<i>alpha</i> -Endosulfan	mg/kg	60180-53	<0.1 <0.1
<i>trans</i> -Chlordane	mg/kg	60180-53	<0.1 <0.1
<i>cis</i> -Chlordane	mg/kg	60180-53	<0.1 <0.1
<i>trans</i> -Nonachlor	mg/kg	60180-53	<0.1 <0.1
<i>p,p</i> -DDE	mg/kg	60180-53	<0.1 <0.1
Dieldrin	mg/kg	60180-53	<0.1 <0.1
Endrin	mg/kg	60180-53	<0.1 <0.1
<i>o,p</i> -DDD	mg/kg	60180-53	<0.1 <0.1
<i>o,p</i> -DDT	mg/kg	60180-53	<0.1 <0.1
<i>beta</i> -Endosulfan	mg/kg	60180-53	<0.1 <0.1
<i>p,p</i> -DDD	mg/kg	60180-53	<0.1 <0.1
<i>p,p</i> -DDT	mg/kg	60180-53	<0.1 <0.1
Endosulfan Sulphate	mg/kg	60180-53	<0.1 <0.1
Endrin Aldehyde	mg/kg	60180-53	<0.1 <0.1
Methoxychlor	mg/kg	60180-53	<0.1 <0.1
Endrin Ketone	mg/kg	60180-53	<0.1 <0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-53	126 126 RPD: 0

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-53	14/04/2008 14/04/2008
Date Analysed		60180-53	14/04/2008 14/04/2008
Chlorpyrifos	mg/kg	60180-53	<0.1 <0.1
Fenitrothion	mg/kg	60180-53	<0.1 <0.1
Bromofos Ethyl	mg/kg	60180-53	<0.1 <0.1
Ethion	mg/kg	60180-53	<0.1 <0.1
OP_Surrogate 1	%	60180-53	126 126 RPD: 0
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-53	14/04/2008 14/04/2008
Date Analysed		60180-53	14/04/2008 14/04/2008
Arochlor 1016	mg/kg	60180-53	<0.1 <0.1
Arochlor 1221	mg/kg	60180-53	<0.1 <0.1
Arochlor 1232	mg/kg	60180-53	<0.1 <0.1
Arochlor 1242	mg/kg	60180-53	<0.1 <0.1
Arochlor 1248	mg/kg	60180-53	<0.1 <0.1
Arochlor 1254	mg/kg	60180-53	<0.1 <0.1
Arochlor 1260	mg/kg	60180-53	<0.1 <0.1
Arochlor 1262	mg/kg	60180-53	<0.1 <0.1
Arochlor 1268	mg/kg	60180-53	<0.1 <0.1
Total Positive PCB	mg/kg	60180-53	<0.90 <0.90
PCB_Surrogate 1	%	60180-53	126 126 RPD: 0

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Metals)		60180-51	16/04/2008 16/04/2008
Date Analysed (Metals)		60180-51	16/04/2008 16/04/2008
Arsenic	mg/kg	60180-51	11 27 RPD: 84
Cadmium	mg/kg	60180-51	0.7 1.5 RPD: 73
Chromium	mg/kg	60180-51	13 16 RPD: 21
Copper	mg/kg	60180-51	130 140 RPD: 7
Lead	mg/kg	60180-51	82 97 RPD: 17
Nickel	mg/kg	60180-51	20 46 RPD: 79
Zinc	mg/kg	60180-51	400 260 RPD: 42
QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		60180-51	15/04/2008 15/04/2008
Date Analysed (Mercury)		60180-51	15/04/2008 15/04/2008
Mercury	mg/kg	60180-51	0.08 0.09 RPD: 12
QUALITY CONTROL BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (BTEX)		60180-70	14/04/2008 14/04/2008
Date Analysed (BTEX)		60180-70	15/04/2008 15/04/2008
Benzene	mg/kg	60180-70	<0.5 <0.5
Toluene	mg/kg	60180-70	<0.5 <0.5
Ethylbenzene	mg/kg	60180-70	<0.5 <0.5
Total Xylenes	mg/kg	60180-70	<1.5 <1.5
BTEX Surrogate (%)	%	60180-70	102 103 RPD: 1

QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)		60180-70	14/04/2008 14/04/2008
Date Analysed (TRH C6-C9 PT)		60180-70	15/04/2008 15/04/2008
TRH C6 - C9 P&T	mg/kg	60180-70	<20 <20
Date Extracted (TRH C10-C36)		60180-70	15/04/2008 15/04/2008
Date Analysed (TRH C10-C36)		60180-70	16/04/2008 16/04/2008
TRH C10 - C14	mg/kg	60180-70	39 53 RPD: 30
TRH C15 - C28	mg/kg	60180-70	520 610 RPD: 16
TRH C29 - C36	mg/kg	60180-70	300 250 RPD: 18
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-60	15/04/2008 15/04/2008
Date Analysed		60180-60	16/04/2008 16/04/2008
Naphthalene	mg/kg	60180-60	<0.1 <0.1
Acenaphthylene	mg/kg	60180-60	<0.1 <0.1
Acenaphthene	mg/kg	60180-60	<0.1 <0.1
Fluorene	mg/kg	60180-60	<0.1 <0.1
Phenanthrene	mg/kg	60180-60	<0.1 <0.1
Anthracene	mg/kg	60180-60	<0.1 <0.1
Fluoranthene	mg/kg	60180-60	<0.1 <0.1
Pyrene	mg/kg	60180-60	<0.1 <0.1
Benzo[a]anthracene	mg/kg	60180-60	<0.1 <0.1
Chrysene	mg/kg	60180-60	<0.1 <0.1
Benzo[b,k]fluoranthene	mg/kg	60180-60	<0.2 <0.2
Benzo[a]pyrene	mg/kg	60180-60	<0.05 <0.05
Indeno[123-cd]pyrene	mg/kg	60180-60	<0.1 <0.1
Dibenzo[ah]anthracene	mg/kg	60180-60	<0.1 <0.1
Benzo[ghi]perylene	mg/kg	60180-60	<0.1 <0.1
Total PAHs	mg/kg	60180-60	<1.55 <1.55
Nitrobenzene-d5	%	60180-60	80 87 RPD: 8
2-Fluorobiphenyl	%	60180-60	91 96 RPD: 5
<i>p</i> -Terphenyl-d14	%	60180-60	90 93 RPD: 3

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-63	14/04/2008 14/04/2008
Date Analysed		60180-63	14/04/2008 14/04/2008
HCB	mg/kg	60180-63	<0.1 <0.1
<i>alpha</i> -BHC	mg/kg	60180-63	<0.1 <0.1
gamma-BHC (Lindane)	mg/kg	60180-63	<0.1 <0.1
Heptachlor	mg/kg	60180-63	<0.1 <0.1
Aldrin	mg/kg	60180-63	<0.1 <0.1
<i>beta</i> -BHC	mg/kg	60180-63	<0.1 <0.1
<i>delta</i> -BHC	mg/kg	60180-63	<0.1 <0.1
Heptachlor Epoxide	mg/kg	60180-63	<0.1 <0.1
<i>o,p</i> -DDE	mg/kg	60180-63	<0.1 <0.1
<i>alpha</i> -Endosulfan	mg/kg	60180-63	<0.1 <0.1
<i>trans</i> -Chlordane	mg/kg	60180-63	<0.1 <0.1
<i>cis</i> -Chlordane	mg/kg	60180-63	<0.1 <0.1
<i>trans</i> -Nonachlor	mg/kg	60180-63	<0.1 <0.1
<i>p,p</i> -DDE	mg/kg	60180-63	<0.1 <0.1
Dieldrin	mg/kg	60180-63	<0.1 <0.1
Endrin	mg/kg	60180-63	<0.1 <0.1
<i>o,p</i> -DDD	mg/kg	60180-63	<0.1 <0.1
<i>o,p</i> -DDT	mg/kg	60180-63	<0.1 <0.1
<i>beta</i> -Endosulfan	mg/kg	60180-63	<0.1 <0.1
<i>p,p</i> -DDD	mg/kg	60180-63	<0.1 <0.1
<i>p,p</i> -DDT	mg/kg	60180-63	<0.1 <0.1
Endosulfan Sulphate	mg/kg	60180-63	<0.1 <0.1
Endrin Aldehyde	mg/kg	60180-63	<0.1 <0.1
Methoxychlor	mg/kg	60180-63	<0.1 <0.1
Endrin Ketone	mg/kg	60180-63	<0.1 <0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-63	118 113 RPD: 4

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-63	14/04/2008 14/04/2008
Date Analysed		60180-63	14/04/2008 14/04/2008
Chlorpyrifos	mg/kg	60180-63	<0.1 <0.1
Fenitrothion	mg/kg	60180-63	<0.1 <0.1
Bromofos Ethyl	mg/kg	60180-63	<0.1 <0.1
Ethion	mg/kg	60180-63	<0.1 <0.1
OP_Surrogate 1	%	60180-63	118 113 RPD: 4
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-63	14/04/2008 14/04/2008
Date Analysed		60180-63	14/04/2008 14/04/2008
Arochlor 1016	mg/kg	60180-63	<0.1 <0.1
Arochlor 1221	mg/kg	60180-63	<0.1 <0.1
Arochlor 1232	mg/kg	60180-63	<0.1 <0.1
Arochlor 1242	mg/kg	60180-63	<0.1 <0.1
Arochlor 1248	mg/kg	60180-63	<0.1 <0.1
Arochlor 1254	mg/kg	60180-63	<0.1 <0.1
Arochlor 1260	mg/kg	60180-63	<0.1 <0.1
Arochlor 1262	mg/kg	60180-63	<0.1 <0.1
Arochlor 1268	mg/kg	60180-63	<0.1 <0.1
Total Positive PCB	mg/kg	60180-63	<0.90 <0.90
PCB_Surrogate 1	%	60180-63	118 113 RPD: 4

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Metals)		60180-61	16/04/2008 16/04/2008
Date Analysed (Metals)		60180-61	16/04/2008 16/04/2008
Arsenic	mg/kg	60180-61	5 6 RPD: 18
Cadmium	mg/kg	60180-61	<0.3 0.3
Chromium	mg/kg	60180-61	10 14 RPD: 33
Copper	mg/kg	60180-61	66 72 RPD: 9
Lead	mg/kg	60180-61	54 74 RPD: 31
Nickel	mg/kg	60180-61	13 17 RPD: 27
Zinc	mg/kg	60180-61	42 51 RPD: 19
QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		60180-61	15/04/2008 15/04/2008
Date Analysed (Mercury)		60180-61	15/04/2008 15/04/2008
Mercury	mg/kg	60180-61	0.07 0.06 RPD: 15
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-50	15/04/2008 15/04/2008
Date Analysed		60180-50	16/04/2008 16/04/2008
Naphthalene	mg/kg	60180-50	<0.1 <0.1
Acenaphthylene	mg/kg	60180-50	<0.1 <0.1
Acenaphthene	mg/kg	60180-50	<0.1 <0.1
Fluorene	mg/kg	60180-50	<0.1 <0.1
Phenanthrene	mg/kg	60180-50	0.4 0.5 RPD: 22
Anthracene	mg/kg	60180-50	<0.1 <0.1
Fluoranthene	mg/kg	60180-50	0.3 0.6 RPD: 67
Pyrene	mg/kg	60180-50	0.3 0.5 RPD: 50
Benzo[a]anthracene	mg/kg	60180-50	0.2 0.2 RPD: 0
Chrysene	mg/kg	60180-50	0.4 0.3 RPD: 29
Benzo[b,k]fluoranthene	mg/kg	60180-50	0.3 0.3 RPD: 0
Benzo[a]pyrene	mg/kg	60180-50	0.11 0.10 RPD: 10
Indeno[123-cd]pyrene	mg/kg	60180-50	<0.1 <0.1

QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Dibenzo[ah]anthracene	mg/kg	60180-50	<0.1 <0.1
Benzo[ghi]perylene	mg/kg	60180-50	<0.1 <0.1
Total PAHs	mg/kg	60180-50	<2.78 <3.27
Nitrobenzene-d5	%	60180-50	92 84 RPD: 9
2-Fluorobiphenyl	%	60180-50	98 101 RPD: 3
<i>p</i> -Terphenyl-d14	%	60180-50	94 107 RPD: 13
QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-73	14/04/2008 14/04/2008
Date Analysed		60180-73	14/04/2008 14/04/2008
HCB	mg/kg	60180-73	<0.1 <0.1
<i>alpha</i> -BHC	mg/kg	60180-73	<0.1 <0.1
gamma-BHC (Lindane)	mg/kg	60180-73	<0.1 <0.1
Heptachlor	mg/kg	60180-73	<0.1 <0.1
Aldrin	mg/kg	60180-73	<0.1 <0.1
<i>beta</i> -BHC	mg/kg	60180-73	<0.1 <0.1
<i>delta</i> -BHC	mg/kg	60180-73	<0.1 <0.1
Heptachlor Epoxide	mg/kg	60180-73	<0.1 <0.1
<i>o,p</i> -DDE	mg/kg	60180-73	<0.1 <0.1
<i>alpha</i> -Endosulfan	mg/kg	60180-73	<0.1 <0.1
<i>trans</i> -Chlordane	mg/kg	60180-73	<0.1 <0.1
<i>cis</i> -Chlordane	mg/kg	60180-73	<0.1 <0.1
<i>trans</i> -Nonachlor	mg/kg	60180-73	<0.1 <0.1
<i>p,p</i> -DDE	mg/kg	60180-73	<0.1 <0.1
Dieldrin	mg/kg	60180-73	<0.1 <0.1
Endrin	mg/kg	60180-73	<0.1 <0.1
<i>o,p</i> -DDD	mg/kg	60180-73	<0.1 <0.1
<i>o,p</i> -DDT	mg/kg	60180-73	<0.1 <0.1
<i>beta</i> -Endosulfan	mg/kg	60180-73	<0.1 <0.1
<i>p,p</i> -DDD	mg/kg	60180-73	<0.1 <0.1
<i>p,p</i> -DDT	mg/kg	60180-73	<0.1 <0.1
Endosulfan Sulphate	mg/kg	60180-73	<0.1 <0.1
Endrin Aldehyde	mg/kg	60180-73	<0.1 <0.1
Methoxychlor	mg/kg	60180-73	<0.1 <0.1
Endrin Ketone	mg/kg	60180-73	<0.1 <0.1

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	60180-73	110 111 RPD: 1
QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-73	14/04/2008 14/04/2008
Date Analysed		60180-73	14/04/2008 14/04/2008
Chlorpyrifos	mg/kg	60180-73	<0.1 <0.1
Fenitrothion	mg/kg	60180-73	<0.1 <0.1
Bromofos Ethyl	mg/kg	60180-73	<0.1 <0.1
Ethion	mg/kg	60180-73	<0.1 <0.1
OP_Surrogate 1	%	60180-73	110 111 RPD: 1
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		60180-73	14/04/2008 14/04/2008
Date Analysed		60180-73	14/04/2008 14/04/2008
Arochlor 1016	mg/kg	60180-73	<0.1 <0.1
Arochlor 1221	mg/kg	60180-73	<0.1 <0.1
Arochlor 1232	mg/kg	60180-73	<0.1 <0.1
Arochlor 1242	mg/kg	60180-73	<0.1 <0.1
Arochlor 1248	mg/kg	60180-73	<0.1 <0.1
Arochlor 1254	mg/kg	60180-73	<0.1 <0.1
Arochlor 1260	mg/kg	60180-73	<0.1 <0.1
Arochlor 1262	mg/kg	60180-73	<0.1 <0.1
Arochlor 1268	mg/kg	60180-73	<0.1 <0.1
Total Positive PCB	mg/kg	60180-73	<0.90 <0.90
PCB_Surrogate 1	%	60180-73	110 111 RPD: 1

QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		60180-71	15/04/2008 15/04/2008
Date Analysed (Mercury)		60180-71	15/04/2008 15/04/2008
Mercury	mg/kg	60180-71	0.13 0.11 RPD: 17

Result Codes

[INS]	: Insufficient Sample for this test	[RPD]	: Relative Percentage Difference
[NR]	: Not Requested	*	: Not part of NATA Accreditation
[NT]	: Not tested	[N/A]	: Not Applicable

Report Comments

Sampled by the client

Even after disintegration it can be very difficult, or impossible, to detect the presence of asbestos in some asbestos-containing bulk materials using polarised light microscopy.

This is due to the low grade or small length or diameter of asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials.

No respirable fibres detected using trace analysis technique.

Sub Sample taken from the Jar/Bag supplied by client for Asbestos analysis at the clients request.

Asbestos analysed by Approved Identifier Edward Ibrahim.

The LOR for TRH samples #29, #48, #50, #72 have been raised due to sample matrix interference.

The LOR for PAH samples #2, #18, #21 have been raised due to sample matrix interference.

The LOR for OCOP/PCB has been raised due to sample matrix interference.

Sample #51 Duplicate Metals results outside acceptance criteria due to sample heterogeneity.

Chloride and Sulphate were analysed by NMI, Reports No RN676282 and No RN676284.

Date Organics extraction commenced: 14/04/08

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).

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Quality Control Protocol

Method Blank: An analyte free matrix to which all reagents are added in the same volume or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. A method blank is prepared every 20 samples.

Duplicate: A separate portion of a sample being analysed that is treated the same as the other samples in the batch. One duplicate is processed at least every 10 samples.

Surrogate Spike: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are added to samples before extraction to monitor extraction efficiency and percent recovery in each sample.

Internal Standard: Added to all samples requiring analysis for organics (where relevant) or metals by ICP after the extraction/digestion process; the compounds/elements serve to give a standard of retention time and/or response, which is invariant from run-to-run with the instruments.

Laboratory Control Sample: A known matrix spiked with compound(s) representative of the target analytes. It is used to document laboratory performance. When the results of the matrix spike analysis indicates a potential problem due to the sample matrix itself, the LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

Matrix Spike: An aliquot of sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Quality Acceptance Criteria

Unless otherwise specified in the test method, the following general acceptance criteria apply:

Method Blanks: <LOR

Duplicates: <5 x LOR: No RPD criteria applied.

>5 x LOR: 0-30% RPD is accepted.

LCS's: Determined by Control Charts.

Where control charts have not been developed, the Matrix Spikes criteria apply.

Matrix Spikes: 70-130% recovery is accepted for metals / inorganics.

60-140% is accepted for organics.

Surrogates: 60-130% recovery is accepted for BTEX.

70-130% recovery is accepted for other organics.

6 May 2008

TEST REPORT

Douglas Partners Pty Ltd
Box 324
Hunter Region Mail Centre
NSW 2310

Your Reference: 39798.02, Hexham
Report Number: 60286

Attention: Matthew Blackert

Dear Matthew

The following samples were received from you on the date indicated.

Samples:	Qty.	12 Waters
Date of Receipt of Samples:		16/04/08
Date of Receipt of Instructions:		16/04/08
Date Preliminary Report Emailed:		Not Issued

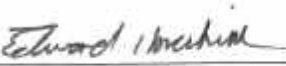
These samples were analysed in accordance with your written instructions.
A copy of the instructions is attached with the analytical report.

The results and associated quality control are contained in the following pages of this report.
Unless otherwise stated, solid samples are expressed on a dry weight basis (moisture has been supplied for your information only), air and liquid samples as received.

Should you have any queries regarding this report please contact the undersigned.

Yours faithfully
SGSENVIRONMENTAL SERVICES


Ly Kim Ha
Senior Organic Chemist


Edward Ibrahim
Laboratory Services Manager


Alexandra Stenta
Key Account Representative

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BTEX in Water (µg/L)						
Our Reference:	UNITS	60286-1	60286-2	60286-3	60286-4	60286-5
Your Reference	-----	SW201	SW202	SW203	SW204	SW205
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Extracted (BTEX)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (BTEX)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Benzene	µg/L	<1	<1	<1	<1	<1
Toluene	µg/L	<1	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	<1	<1	<1
Total Xylenes	µg/L	<3	<3	<3	<3	<3
Surrogate	%	110	113	108	108	108

BTEX in Water (µg/L)						
Our Reference:	UNITS	60286-6	60286-7	60286-8	60286-9	60286-10
Your Reference	-----	SW206	SW207	SW208	SW209	SW210
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Extracted (BTEX)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (BTEX)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Benzene	µg/L	<1	<1	<1	<1	<1
Toluene	µg/L	<1	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	<1	<1	<1
Total Xylenes	µg/L	<3	<3	<3	<3	<3
Surrogate	%	118	106	110	115	114

BTEX in Water (µg/L)			
Our Reference:	UNITS	60286-11	60286-12
Your Reference	-----	SW211	BD201
Sample Type	-----	Water	Water
Date Sampled		14/04/2008	14/04/2008
Date Extracted (BTEX)		21/04/2008	21/04/2008
Date Analysed (BTEX)		21/04/2008	21/04/2008
Benzene	µg/L	<1	<1
Toluene	µg/L	<1	<1
Ethylbenzene	µg/L	<1	<1
Total Xylenes	µg/L	<3	<3
Surrogate	%	101	101

TRH in water with C6-C9 by P/T Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted (TRH C6-C9 PT)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (TRH C6-C9 PT)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
TRH C ₆ - C ₉ P&T in µg/L	µg/L	<40	<40	<40	<40	<40
Date Extracted (TRH C10-C36)		19/04/2008	19/04/2008	19/04/2008	19/04/2008	19/04/2008
Date Analysed (TRH C10-C36)		19/04/2008	19/04/2008	19/04/2008	19/04/2008	19/04/2008
TRH C ₁₀ - C ₁₄	ug/L	<40	<40	<40	<40	<40
TRH C ₁₅ - C ₂₈	ug/L	<100	<100	<100	<100	<100
TRH C ₂₉ - C ₃₆	µg/L	<100	<100	<100	<100	<100

TRH in water with C6-C9 by P/T Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted (TRH C6-C9 PT)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (TRH C6-C9 PT)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
TRH C ₆ - C ₉ P&T in µg/L	µg/L	<40	<40	<40	<40	<40
Date Extracted (TRH C10-C36)		19/04/2008	19/04/2008	19/04/2008	19/04/2008	19/04/2008
Date Analysed (TRH C10-C36)		19/04/2008	19/04/2008	19/04/2008	19/04/2008	19/04/2008
TRH C ₁₀ - C ₁₄	ug/L	<40	<40	<40	<40	<40
TRH C ₁₅ - C ₂₈	ug/L	<100	<100	<100	<100	<100
TRH C ₂₉ - C ₃₆	µg/L	<100	<100	<100	<100	<100

TRH in water with C6-C9 by P/T Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted (TRH C6-C9 PT)		21/04/2008	21/04/2008
Date Analysed (TRH C6-C9 PT)		21/04/2008	21/04/2008
TRH C ₆ - C ₉ P&T in µg/L	µg/L	<40	<40
Date Extracted (TRH C10-C36)		19/04/2008	19/04/2008
Date Analysed (TRH C10-C36)		19/04/2008	19/04/2008
TRH C ₁₀ - C ₁₄	ug/L	<40	<40
TRH C ₁₅ - C ₂₈	ug/L	<100	<100
TRH C ₂₉ - C ₃₆	µg/L	<100	<100

PAHs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Naphthalene	µg/L	2.7	<0.5	<0.5	<0.4	<0.3
Acenaphthylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[a]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo[a]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno[123-cd]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	µg/L	<4.10	<1.90	<1.90	<1.80	<1.70
Nitrobenzene-d5	%	63	#	62	#	#
2-Fluorobiphenyl	%	#	#	#	#	#
p -Terphenyl-d14	%	#	60	#	#	#

PAHs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Naphthalene	µg/L	<0.3	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[a]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo[a]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno[123-cd]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	µg/L	<1.70	<1.6	<1.6	<1.6	<1.6
Nitrobenzene-d5	%	70	89	90	72	65
2-Fluorobiphenyl	%	70	93	85	75	#
p -Terphenyl-d14	%	70	94	83	79	#

PAHs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted		18/04/2008	18/04/2008
Date Analysed		21/04/2008	21/04/2008
Naphthalene	µg/L	<0.1	<0.1
Acenaphthylene	µg/L	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1
Phenanthrene	µg/L	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1
Fluoranthene	µg/L	<0.1	<0.1
Pyrene	µg/L	<0.1	<0.1
Benzo[a]anthracene	µg/L	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1
Benzo[b,k]fluoranthene	µg/L	<0.10	<0.10
Benzo[a]pyrene	µg/L	<0.1	<0.1
Indeno[123-cd]pyrene	µg/L	<0.1	<0.1
Dibenzo[ah]anthracene	µg/L	<0.1	<0.1
Benzo[ghi]perylene	µg/L	<0.1	<0.1
Total PAHs	µg/L	<1.6	<1.6
Nitrobenzene-d5	%	74	#
2-Fluorobiphenyl	%	71	#
p -Terphenyl-d14	%	77	#

Low Level Pesticides - ANZECC Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
HCB	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Heptachlor	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
Heptachlor Epoxide	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Aldrin	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
Gamma-BHC (Lindane)	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Alpha-BHC	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Beta-BHC	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Delta-BHC	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
trans-Chlordane	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
cis-Chlordane	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
Oxychlordane	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Dieldrin	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
<i>p,p</i> -DDE	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
<i>p,p</i> -DDD	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
<i>p,p</i> -DDT	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Endrin	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Endrin Aldehyde	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
Endrin Ketone	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
alpha- Endosulfan	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
beta-Endosulfan	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Endosulfan Sulphate	µg/L	<0.01	<0.1	<0.01	<0.1	<0.01
Methoxychlor	µg/L	<0.010	<0.1	<0.010	<0.1	<0.010
Surrogate OC	%	#	#	84	75	113

Low Level Pesticides - ANZECC Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
HCB	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Heptachlor Epoxide	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Aldrin	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Gamma-BHC (Lindane)	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Alpha-BHC	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Beta-BHC	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Delta-BHC	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
trans-Chlordane	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
cis-Chlordane	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Oxychlordane	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Dieldrin	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
p,p-DDE	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
p,p-DDD	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
p,p-DDT	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin Aldehyde	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Endrin Ketone	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
alpha- Endosulfan	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
beta-Endosulfan	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulfan Sulphate	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxychlor	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Surrogate OC	%	120	119	102	91	90

Low Level Pesticides - ANZECC Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008
HCB	µg/L	<0.1	<0.01
Heptachlor	µg/L	<0.1	<0.010
Heptachlor Epoxide	µg/L	<0.1	<0.01
Aldrin	µg/L	<0.1	<0.010
Gamma-BHC (Lindane)	µg/L	<0.1	<0.01
Alpha-BHC	µg/L	<0.1	<0.01
Beta-BHC	µg/L	<0.1	<0.01
Delta-BHC	µg/L	<0.1	<0.01
trans-Chlordane	µg/L	<0.1	<0.010
cis-Chlordane	µg/L	<0.1	<0.010
Oxychlordane	µg/L	<0.1	<0.01
Dieldrin	µg/L	<0.1	<0.01
<i>p,p</i> -DDE	µg/L	<0.1	<0.010
<i>p,p</i> -DDD	µg/L	<0.1	<0.010
<i>p,p</i> -DDT	µg/L	<0.1	<0.01
Endrin	µg/L	<0.1	<0.01
Endrin Aldehyde	µg/L	<0.1	<0.010
Endrin Ketone	µg/L	<0.1	<0.01
alpha- Endosulfan	µg/L	<0.1	<0.01
beta-Endosulfan	µg/L	<0.1	<0.01
Endosulfan Sulphate	µg/L	<0.1	<0.01
Methoxychlor	µg/L	<0.1	<0.010
Surrogate OC	%	#	#

Low Level OCP Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Demeton-S-Methyl	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Dichlorvos	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Diazinon	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Dimethoate	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Chlorpyrifos	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Chlorpyrifos Methyl	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Malathion	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Fenthion	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Azinphos Ethyl	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Azinphos-methyl	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Chlorfenvinphos (E)	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Chlorfenvinphos (Z)	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Ethion	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Fenitrothion	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Parathion Ethyl	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Parathion Methyl	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Pirimiphos Ethyl	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Pirimiphos Methyl	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Surrogate OP	%	82	68	64	70	108

Low Level OCP Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Demeton-S-Methyl	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Dichlorvos	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Diazinon	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Dimethoate	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorpyrifos	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos Methyl	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Malathion	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fenthion	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Azinphos Ethyl	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Azinphos-methyl	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorfenvinphos (E)	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorfenvinphos (Z)	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Ethion	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Fenitrothion	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Parathion Ethyl	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Parathion Methyl	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Pirimiphos Ethyl	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Pirimiphos Methyl	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate OP	%	113	96	65	71	50

Low Level OCP Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008
Demeton-S-Methyl	µg/L	<0.10	<0.10
Dichlorvos	µg/L	<0.10	<0.10
Diazinon	µg/L	<0.10	<0.10
Dimethoate	µg/L	<0.10	<0.10
Chlorpyrifos	µg/L	<0.1	<0.1
Chlorphyrifos Methyl	µg/L	<0.10	<0.10
Malathion	µg/L	<0.10	<0.10
Fenthion	µg/L	<0.10	<0.10
Azinphos Ethyl	µg/L	<0.10	<0.10
Azinphos-methyl	µg/L	<0.10	<0.10
Chlorfenvinphos (E)	µg/L	<0.10	<0.10
Chlorfenvinphos (Z)	µg/L	<0.10	<0.10
Ethion	µg/L	<0.10	<0.10
Fenitrothion	µg/L	<0.10	<0.10
Parathion Ethyl	µg/L	<0.10	<0.10
Parathion Methyl	µg/L	<0.1	<0.1
Pirimiphos Ethyl	µg/L	<0.1	<0.1
Pirimiphos Methyl	µg/L	<0.1	<0.1
Surrogate OP	%	53	60

PCBs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arochlor 1016	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1221	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1232	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1242	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1248	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1254	µg/L	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1260	µg/L	<0.1	<1	<0.1	<0.1	<0.1

PCBs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arochlor 1016	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1

PCBs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008
Arochlor 1016	µg/L	<1	<0.1
Arochlor 1221	µg/L	<1	<0.1
Arochlor 1232	µg/L	<1	<0.1
Arochlor 1242	µg/L	<1	<0.1
Arochlor 1248	µg/L	<1	<0.1
Arochlor 1254	µg/L	<1	<0.1
Arochlor 1260	µg/L	<1	<0.1

Inorganics Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted (pH)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (pH)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
pH	pH Units	7.3	7.0	6.9	7.4	7.3
Date Extracted (Conductivity)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Conductivity)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Electrical Conductivity	µS/cm	2,300	4,100	1,800	1,500	2,700
Date Extracted (TKN)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Kjeldahl Nitrogen	mg/L	2.6	2.9	2.4	0.4	1.0
Total Nitrogen	mg/L	2.6	2.9	2.4	0.36	1.0
Date Extracted (Total P)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Phosphorus	mg/L	0.53	0.63	0.74	1.4	1.8
Date Extracted (BOD)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (BOD)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	5.0	27	8.0	5.0	7.0
Date Extracted (COD)		17/04/2008	17/04/2008	18/04/2008	18/04/2008	17/04/2008
Date Analysed (COD)		17/04/2008	17/04/2008	18/04/2008	18/04/2008	17/04/2008
COD	mg/L	130	140	94	120	120
Date Extracted (TDS)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (TDS)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Total Dissolved Solids	mg/L	1,200	2,300	1,000	820	1,700

Inorganics Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted (pH)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (pH)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
pH	pH Units	7.6	7.6	7.1	6.4	8.5
Date Extracted (Conductivity)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (Conductivity)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Electrical Conductivity	µS/cm	3,100	11,000	1,200	450	2,300
Date Extracted (TKN)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Kjeldahl Nitrogen	mg/L	1.9	0.9	0.9	1.1	4.7
Total Nitrogen	mg/L	2.0	0.92	0.94	1.1	4.7
Date Extracted (Total P)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Phosphorus	mg/L	2.0	0.09	0.90	0.18	0.27
Date Extracted (BOD)		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Analysed (BOD)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	6.0	7.0	22	8.0	10
Date Extracted (COD)		18/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Date Analysed (COD)		118/04/08	17/04/2008	17/04/2008	17/04/2008	17/04/2008
COD	mg/L	79	150	70	49	340
Date Extracted (TDS)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (TDS)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Total Dissolved Solids	mg/L	2,000	7,400	770	290	1,600

Inorganics Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted (pH)		16/04/2008	16/04/2008
Date Analysed (pH)		16/04/2008	16/04/2008
pH	pH Units	7.0	7.3
Date Extracted (Conductivity)		16/04/2008	16/04/2008
Date Analysed (Conductivity)		16/04/2008	16/04/2008
Electrical Conductivity	µS/cm	2,600	2,300
Date Extracted (TKN)		22/04/2008	22/04/2008
Date Analysed (TKN)		23/04/2008	23/04/2008
Total Kjeldahl Nitrogen	mg/L	2.8	2.1
Total Nitrogen	mg/L	2.8	2.1
Date Extracted (Total P)		22/04/2008	22/04/2008
Date Analysed (Total P)		23/04/2008	23/04/2008
Total Phosphorus	mg/L	0.27	0.33
Date Extracted (BOD)		16/04/2008	16/04/2008
Date Analysed (BOD)		21/04/2008	21/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	28	7.0
Date Extracted (COD)		17/04/2008	17/04/2008
Date Analysed (COD)		17/04/2008	17/04/2008
COD	mg/L	150	85
Date Extracted (TDS)		21/04/2008	21/04/2008
Date Analysed (TDS)		21/04/2008	21/04/2008
Total Dissolved Solids	mg/L	1,600	1,200

Ammonia and Cyanide						
Our Reference:	UNITS	60286-1	60286-2	60286-3	60286-4	60286-5
Your Reference	-----	SW201	SW202	SW203	SW204	SW205
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Extracted (Ammonia)		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Date Analysed (Ammonia)		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Ammonia as N	mg/L	0.33	1.2	0.05	0.02	0.12

Ammonia and Cyanide						
Our Reference:	UNITS	60286-6	60286-7	60286-8	60286-9	60286-10
Your Reference	-----	SW206	SW207	SW208	SW209	SW210
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Extracted (Ammonia)		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Date Analysed (Ammonia)		17/04/2008	17/04/2008	17/04/2008	17/04/2008	17/04/2008
Ammonia as N	mg/L	0.30	0.02	0.04	0.03	0.09

Ammonia and Cyanide			
Our Reference:	UNITS	60286-11	60286-12
Your Reference	-----	SW211	BD201
Sample Type	-----	Water	Water
Date Sampled		14/04/2008	14/04/2008
Date Extracted (Ammonia)		17/04/2008	17/04/2008
Date Analysed (Ammonia)		17/04/2008	17/04/2008
Ammonia as N	mg/L	0.06	0.32

NOX in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Nitrate as N	mg/L	0.01	<0.005	<0.005	<0.005	<0.005
Nitrite as N	mg/L	0.01	<0.005	0.009	<0.005	<0.005
Total NOX	mg/L	0.024	<0.010	<0.014	<0.010	<0.010

NOX in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Nitrate as N	mg/L	0.04	<0.005	0.006	0.006	0.02
Nitrite as N	mg/L	0.02	<0.005	<0.005	<0.005	0.02
Total NOX	mg/L	0.058	<0.010	<0.011	<0.011	0.046

NOX in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted		22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008
Nitrate as N	mg/L	<0.005	0.02
Nitrite as N	mg/L	0.008	0.01
Total NOX	mg/L	<0.013	0.036

Trace HM (ICP-MS)-Dissolved Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-1 SW201 Water 14/04/2008	60286-2 SW202 Water 14/04/2008	60286-3 SW203 Water 14/04/2008	60286-4 SW204 Water 14/04/2008	60286-5 SW205 Water 14/04/2008
Date Extracted (Metals-ICPMS)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (Metals-ICPMS)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Arsenic	µg/L	1.2	2.6	1.2	2.0	1.8
Cadmium	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chromium	µg/L	<1.0	<1.0	1.2	<1.0	<1.0
Copper	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Iron*	µg/L	1,100	190	1,200	520	630
Lead	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	µg/L	9.6	3.0	2.5	4.0	8.2
Zinc	µg/L	5.3	1.4	4.3	1.8	3.4

Trace HM (ICP-MS)-Dissolved Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-6 SW206 Water 14/04/2008	60286-7 SW207 Water 14/04/2008	60286-8 SW208 Water 14/04/2008	60286-9 SW209 Water 14/04/2008	60286-10 SW210 Water 14/04/2008
Date Extracted (Metals-ICPMS)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (Metals-ICPMS)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Arsenic	µg/L	1.8	1.3	1.2	<1.0	16
Cadmium	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chromium	µg/L	1.8	1.4	<1.0	<1.0	<1.0
Copper	µg/L	<1.0	<1.0	<1.0	1.0	7.3
Iron*	µg/L	190	33	260	270	1,400
Lead	µg/L	<1.0	<1.0	<1.0	<1.0	1.8
Nickel	µg/L	9.1	7.4	5.3	2.4	6.0
Zinc	µg/L	4.0	5.9	1.7	20	22

Trace HM (ICP-MS)-Dissolved Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60286-11 SW211 Water 14/04/2008	60286-12 BD201 Water 14/04/2008
Date Extracted (Metals-ICPMS)		18/04/2008	18/04/2008
Date Analysed (Metals-ICPMS)		18/04/2008	18/04/2008
Arsenic	µg/L	1.1	1.6
Cadmium	µg/L	<0.10	<0.10
Chromium	µg/L	<1.0	<1.0
Copper	µg/L	<1.0	<1.0
Iron*	µg/L	190	950
Lead	µg/L	<1.0	<1.0
Nickel	µg/L	5.5	10
Zinc	µg/L	2.2	7.3

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	60286-1	60286-2	60286-3	60286-4	60286-5
Your Reference	-----	SW201	SW202	SW203	SW204	SW205
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Extracted (Mercury)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (Mercury)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Mercury (Dissolved)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	60286-6	60286-7	60286-8	60286-9	60286-10
Your Reference	-----	SW206	SW207	SW208	SW209	SW210
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		14/04/2008	14/04/2008	14/04/2008	14/04/2008	14/04/2008
Date Extracted (Mercury)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Date Analysed (Mercury)		21/04/2008	21/04/2008	21/04/2008	21/04/2008	21/04/2008
Mercury (Dissolved)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Mercury Cold Vapor/Hg Analyser			
Our Reference:	UNITS	60286-11	60286-12
Your Reference	-----	SW211	BD201
Sample Type	-----	Water	Water
Date Sampled		14/04/2008	14/04/2008
Date Extracted (Mercury)		21/04/2008	21/04/2008
Date Analysed (Mercury)		21/04/2008	21/04/2008
Mercury (Dissolved)	mg/L	<0.0001	<0.0001

Method ID	Methodology Summary
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is aaa-trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
SEO-030	PAHs by GC/MS - Determination of Polynuclear Aromatic Hydrocarbons (PAH's) by Gas Chromatography / Mass Spectrometry following extraction with dichloromethane or dichloromethane/acetone. The surrogate spike used is p-Terphenyl-d14.
Ext-020	Analysis subcontracted to Australian Government National Measurement Institute.
AN101	pH - Measured using pH meter and electrode in accordance with APHA 20th ED, 4500-H+.
SEI-037	Ammonia - Determined by colourimetric method using Discrete Analyser
AN106	Conductivity and TDS by Calculation (cTDS) - Conductivity is measured using a conductivity cell and dedicated meter, in accordance with APHA Method 2510, 20th edition. TDS is calculated by $TDS(mg/L) = 0.6 \times \text{Conductivity}(\mu S/cm)$.
AN292	Determination of Total Kjeldahl Nitrogen by discrete analyser following digestion with Sulphuric Acid, K ₂ SO ₄ and HgSO ₄ . Method based on APHA 4500-Norg D / USEPA 351.2.
SEI-033	Total Kjeldahl Nitrogen - determined titrimetrically, in accordance with APHA 20th ED, 4500-Norg B.
AN293	Determination of Total Phosphorus by discrete analyser following digestion with Sulphuric Acid, K ₂ SO ₄ and HgSO ₄ . Method based on APHA 4500-PE / USEPA 365.4.
Ext-043	Subcontracted to LabPoint. Nata Accreditation No: 11111
SEI-022	Chemical Oxygen Demand - (COD) - determined by a closed reflex, titrimetric procedure, in accordance with APHA 20th ED, 5220-C.
SEI-017	Total Dissolved Solids - determined gravimetrically by drying the sample, in accordance with APHA 20th ED, 2540-C.
SEP-015	Water sample is digested with Nitric Acid at 105°C for total metals analysed by ICPMS.
AN318	Determination of elements at trace levels in waters by ICP-MS. Method based on USEPA 6020A
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
BTEX in Water (µg/L)								
Date Extracted (BTEX)				21/04/08	[NT]	[NT]	LCS	21/04/08%
Date Analysed (BTEX)				21/04/08	[NT]	[NT]	LCS	21/04/08%
Benzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	100%
Toluene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	100%
Ethylbenzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	100%
Total Xylenes	µg/L	3	SEO-018	<3	[NT]	[NT]	LCS	99%
Surrogate	%	0	SEO-018	95	[NT]	[NT]	LCS	78%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
TRH in water with C6-C9 by P/T								
Date Extracted (TRH C6-C9 PT)				21/04/08	[NT]	[NT]	LCS	21/04/08%
Date Analysed (TRH C6-C9 PT)				21/04/08	[NT]	[NT]	LCS	21/04/08%
TRH C6 - C9 P&T in µg/L	µg/L	40	SEO-017	<40	[NT]	[NT]	LCS	101%
Date Extracted (TRH C10-C36)				19/04/08	[NT]	[NT]	LCS	19/04/08%
Date Analysed (TRH C10-C36)				19/04/08	[NT]	[NT]	LCS	19/04/08%
TRH C10 - C14	ug/L	40	SEO-020	<40	[NT]	[NT]	LCS	98%
TRH C15 - C28	ug/L	100	SEO-020	<100	[NT]	[NT]	LCS	97%
TRH C29 - C36	µg/L	100	SEO-020	<100	[NT]	[NT]	LCS	97%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Water								
Date Extracted				18/04/08	[NT]	[NT]	LCS	18/04/08%
Date Analysed				18/04/08	[NT]	[NT]	LCS	18/04/08%
Naphthalene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	99%
Acenaphthylene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	93%
Acenaphthene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	115%
Fluorene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Phenanthrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	102%
Anthracene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	112%
Fluoranthene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	104%
Pyrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	107%
Benzo[a]anthracene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Chrysene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Water								
Benzo[b,k]fluoranthene	µg/L	0.1	SEO-030	<0.10	[NT]	[NT]	[NR]	[NR]
Benzo[a]pyrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	104%
Indeno[123-cd]pyrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Dibenzo[ah]anthracene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo[ghi]perylene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Total PAHs	µg/L	1.6		<1.6	[NT]	[NT]	[NR]	[NR]
Nitrobenzene-d5	%	0	SEO-030	93	[NT]	[NT]	LCS	106%
2-Fluorobiphenyl	%	0	SEO-030	92	[NT]	[NT]	LCS	104%
p -Terphenyl-d 14	%	0	SEO-030	90	[NT]	[NT]	LCS	100%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Low Level Pesticides - ANZECC								
Date Extracted				22/04/08	60286-5	22/04/2008 22/04/2008	LCS	22/04/08%
Date Analysed				22/04/08	60286-5	22/04/2008 22/04/2008	LCS	22/04/08%
HCB	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Heptachlor	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	LCS	88%
Heptachlor Epoxide	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Aldrin	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	LCS	82%
Gamma-BHC (Lindane)	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	LCS	82%
Alpha-BHC	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Beta-BHC	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Delta-BHC	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
trans-Chlordane	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	[NR]	[NR]
cis-Chlordane	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	[NR]	[NR]
Oxychlordane	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Dieldrin	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	LCS	106%
p,p-DDE	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	[NR]	[NR]
p,p-DDD	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	[NR]	[NR]
p,p-DDT	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	LCS	124%
Endrin	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	LCS	100%
Endrin Aldehyde	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	[NR]	[NR]
Endrin Ketone	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
alpha- Endosulfan	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
beta-Endosulfan	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Endosulfan Sulphate	µg/L	0.01	Ext-020	<0.01	60286-5	<0.01 <0.01	[NR]	[NR]
Methoxychlor	µg/L	0.01	Ext-020	<0.010	60286-5	<0.010 <0.010	[NR]	[NR]

QUALITY CONTROL Low Level Pesticides - ANZECC	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Surrogate OC	%	0	Ext-020	[NT]	60286-5	113 114 RPD: 1	LCS	58%
QUALITY CONTROL Low Level OCP	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				22/04/08	60286-5	22/04/2008 22/04/2008	LCS	22/04/08%
Date Analysed				22/04/08	60286-5	22/04/2008 22/04/2008	LCS	22/04/08%
Demeton-S-Methyl	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Dichlorvos	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Diazinon	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	LCS	108%
Dimethoate	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Chlorpyrifos	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 <0.1	LCS	106%
Chlorpyrifos Methyl	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Malathion	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Fenthion	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Azinphos Ethyl	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Azinphos-methyl	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Chlorfenvinphos (E)	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Chlorfenvinphos (Z)	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Ethion	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	LCS	101%
Fenitrothion	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	[NR]	[NR]
Parathion Ethyl	µg/L	0.1	Ext-020	<0.10	60286-5	<0.10 <0.10	LCS	122%
Parathion Methyl	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 <0.1	[NR]	[NR]
Pirimiphos Ethyl	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 <0.1	[NR]	[NR]
Pirimiphos Methyl	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 <0.1	[NR]	[NR]
Surrogate OP	%	0	Ext-020	[NT]	60286-5	108 93 RPD: 15	LCS	86%

QUALITY CONTROL PCBs in Water	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				22/04/08	60286-5	22/04/2008 22/04/2008	LCS	22/04/08%
Date Analysed				22/04/08	60286-5	22/04/2008 22/04/2008	LCS	22/04/08%
Arochlor 1016	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 [N/T]	[NR]	[NR]
Arochlor 1221	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 [N/T]	[NR]	[NR]
Arochlor 1232	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 [N/T]	[NR]	[NR]
Arochlor 1242	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 [N/T]	[NR]	[NR]
Arochlor 1248	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 [N/T]	[NR]	[NR]
Arochlor 1254	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 [N/T]	[NR]	[NR]
Arochlor 1260	µg/L	0.1	Ext-020	<0.1	60286-5	<0.1 <0.1	LCS	99%
QUALITY CONTROL Inorganics	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (pH)				[NT]	60286-1	16/04/2008 16/04/2008	[NR]	[NR]
Date Analysed (pH)				[NT]	60286-1	16/04/2008 16/04/2008	[NR]	[NR]
pH	pH Units	0	AN101	[NT]	60286-1	7.3 7.3 RPD: 0	[NR]	[NR]
Electrical Conductivity	µS/cm	1	AN106	<1.0	60286-1	2300 2300 RPD: 0	[NR]	[NR]
Date Extracted (TKN)				22/04/08	60286-1	22/04/2008 22/04/2008	60286-2	22/04/08%
Date Analysed (TKN)				23/04/08	60286-1	23/04/2008 23/04/2008	60286-2	22/04/08%
Total Kjeldahl Nitrogen	mg/L	0.2	AN292	<0.2	60286-1	2.6 2.4 RPD: 8	60286-2	88%
Total Nitrogen	mg/L	0.2	SEI-033	<0.20	60286-1	2.6 2.4 RPD: 8	[NR]	[NR]
Date Extracted (Total P)				22/04/08	60286-1	22/04/2008 22/04/2008	60286-2	22/04/08%
Date Analysed (Total P)				23/04/08	60286-1	23/04/2008 23/04/2008	60286-2	22/04/08%
Total Phosphorus	mg/L	0.05	AN293	<0.05	60286-1	0.53 0.51 RPD: 4	60286-2	95%
Date Extracted (BOD)			Ext-043	16/04/08	60286-1	16/04/2008 [N/T]	60286-2	16/04/08%
Date Analysed (BOD)			Ext-043	21/04/08	60286-1	21/04/2008 [N/T]	60286-2	21/04/08%
Biochemical Oxygen Demand - BOD ₅	mg/L	2	Ext-043	<2.0	60286-1	5.0 [N/T]	60286-2	105%
COD	mg/L	5	SEI-022	<5.0	60286-1	130 130 RPD: 0	60286-2	115%
Date Extracted (TDS)				21/04/08	60286-1	21/04/2008 21/04/2008	[NR]	[NR]
Date Analysed (TDS)				21/04/08	60286-1	21/04/2008 21/04/2008	[NR]	[NR]
Total Dissolved Solids	mg/L	5	SEI-017	<5	60286-1	1200 1300 RPD: 8	[NR]	[NR]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Ammonia and Cyanide								
Ammonia as N	mg/L	0.01	SEI-037	<0.01	60286-1	0.33 0.30 RPD: 10	LCS	99%
NOX in Water								
Ammonia as N	mg/L	0.01	SEI-037	<0.01	60286-1	0.33 0.30 RPD: 10	LCS	99%
DATE EXTRACTED								
Date Extracted			Ext-043	22/04/08	60286-1	22/04/2008 22/04/2008	60286-1	22/04/08%
DATE ANALYSED								
Date Analysed			Ext-043	22/04/08	60286-1	22/04/2008 22/04/2008	60286-1	22/04/08%
NITRATE	mg/L	0.005	Ext-043	<0.005	60286-1	0.01 0.01 RPD: 0	60286-1	98%
NITRITE	mg/L	0.005	Ext-043	<0.005	60286-1	0.01 0.01 RPD: 0	60286-1	100%
TOTAL NOX	mg/L	0.01	Ext-043	<0.010	60286-1	0.024 0.025 RPD: 4	[NR]	[NR]
TRACE HM (ICP-MS)-DISSOLVED								
DATE EXTRACTED (Metals-ICPMS)								
Date Extracted (Metals-ICPMS)			SEP-015	18/04/08	60286-1	18/04/2008 18/04/2008	60286-2	18/04/08%
DATE ANALYSED (Metals-ICPMS)								
Date Analysed (Metals-ICPMS)			SEP-015	18/04/08	60286-1	18/04/2008 18/04/2008	60286-2	18/04/08%
ARSENIC	µg/L	1	AN318	<1.0	60286-1	1.2 1.1 RPD: 9	60286-2	94%
CADMIUM	µg/L	0.1	AN318	<0.10	60286-1	<0.10 <0.10	60286-2	101%
CHROMIUM	µg/L	1	AN318	<1.0	60286-1	<1.0 <1.0	60286-2	109%
COPPER	µg/L	1	AN318	<1.0	60286-1	<1.0 <1.0	60286-2	95%
IRON*	µg/L	5	AN318	<5.0	60286-1	1100 1000 RPD: 10	[NR]	[NR]
LEAD	µg/L	1	AN318	<1.0	60286-1	<1.0 <1.0	60286-2	90%
NICKEL	µg/L	1	AN318	<1.0	60286-1	9.6 9.8 RPD: 2	60286-2	101%
ZINC	µg/L	1	AN318	<1.0	60286-1	5.3 5.2 RPD: 2	60286-2	91%

QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Mercury)				21/04/08	60286-1	21/04/2008 21/04/2008	60286-2	21/04/08%
Date Analysed (Mercury)				21/04/08	60286-1	21/04/2008 21/04/2008	60286-2	21/04/08%
Mercury (Dissolved)	mg/L	0.0001	SEM-005	<0.0001	60286-1	<0.0001 <0.0001	60286-2	98%
QUALITY CONTROL Hold sample- NO test required	UNITS	LOR	METHOD	Blank				
Sample on HOLD				[NT]				
QUALITY CONTROL Low Level Pesticides - ANZECC	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD		
Date Extracted		[NT]	[NT]		60286-6	22/04/08%		
Date Analysed		[NT]	[NT]		60286-6	22/04/08%		
HCB	µg/L	[NT]	[NT]		[NR]	[NR]		
Heptachlor	µg/L	[NT]	[NT]		60286-6	82%		
Heptachlor Epoxide	µg/L	[NT]	[NT]		[NR]	[NR]		
Aldrin	µg/L	[NT]	[NT]		60286-6	76%		
Gamma-BHC (Lindane)	µg/L	[NT]	[NT]		60286-6	76%		
Alpha-BHC	µg/L	[NT]	[NT]		[NR]	[NR]		
Beta-BHC	µg/L	[NT]	[NT]		[NR]	[NR]		
Delta-BHC	µg/L	[NT]	[NT]		[NR]	[NR]		
trans-Chlordane	µg/L	[NT]	[NT]		[NR]	[NR]		
cis-Chlordane	µg/L	[NT]	[NT]		[NR]	[NR]		
Oxychlordane	µg/L	[NT]	[NT]		[NR]	[NR]		
Dieldrin	µg/L	[NT]	[NT]		60286-6	82%		
p,p-DDE	µg/L	[NT]	[NT]		[NR]	[NR]		
p,p-DDD	µg/L	[NT]	[NT]		[NR]	[NR]		
p,p-DDT	µg/L	[NT]	[NT]		60286-6	76%		
Endrin	µg/L	[NT]	[NT]		60286-6	82%		
Endrin Aldehyde	µg/L	[NT]	[NT]		[NR]	[NR]		
Endrin Ketone	µg/L	[NT]	[NT]		[NR]	[NR]		
alpha- Endosulfan	µg/L	[NT]	[NT]		[NR]	[NR]		
beta-Endosulfan	µg/L	[NT]	[NT]		[NR]	[NR]		
Endosulfan Sulphate	µg/L	[NT]	[NT]		[NR]	[NR]		
Methoxychlor	µg/L	[NT]	[NT]		[NR]	[NR]		
Surrogate OC	%	[NT]	[NT]		60286-6	88%		

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
Low Level OCP			Base + Duplicate + %RPD		Duplicate + %RPD
Date Extracted		[NT]	[NT]	60286-6	22/04/08%
Date Analysed		[NT]	[NT]	60286-6	22/04/08%
Demeton-S-Methyl	µg/L	[NT]	[NT]	[NR]	[NR]
Dichlorvos	µg/L	[NT]	[NT]	[NR]	[NR]
Diazinon	µg/L	[NT]	[NT]	60286-6	100%
Dimethoate	µg/L	[NT]	[NT]	[NR]	[NR]
Chlorpyrifos	µg/L	[NT]	[NT]	60286-6	94%
Chlorpyrifos Methyl	µg/L	[NT]	[NT]	[NR]	[NR]
Malathion	µg/L	[NT]	[NT]	[NR]	[NR]
Fenthion	µg/L	[NT]	[NT]	[NR]	[NR]
Azinphos Ethyl	µg/L	[NT]	[NT]	[NR]	[NR]
Azinphos-methyl	µg/L	[NT]	[NT]	[NR]	[NR]
Chlorfenvinphos (E)	µg/L	[NT]	[NT]	[NR]	[NR]
Chlorfenvinphos (Z)	µg/L	[NT]	[NT]	[NR]	[NR]
Ethion	µg/L	[NT]	[NT]	60286-6	115%
Fenitrothion	µg/L	[NT]	[NT]	[NR]	[NR]
Parathion Ethyl	µg/L	[NT]	[NT]	60286-6	105%
Parathion Methyl	µg/L	[NT]	[NT]	[NR]	[NR]
Pirimiphos Ethyl	µg/L	[NT]	[NT]	[NR]	[NR]
Pirimiphos Methyl	µg/L	[NT]	[NT]	[NR]	[NR]
Surrogate OP	%	[NT]	[NT]	60286-6	144%

QUALITY CONTROL PCBs in Water	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		[NT]	[NT]	60286-6	22/04/08%
Date Analysed		[NT]	[NT]	60286-6	22/04/08%
Arochlor 1016	µg/L	[NT]	[NT]	[NR]	[NR]
Arochlor 1221	µg/L	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	µg/L	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	µg/L	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	µg/L	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	µg/L	[NT]	[NT]	[NR]	[NR]
Arochlor 1260	µg/L	[NT]	[NT]	60286-6	110%
QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (TKN)		60286-11	22/04/2008 22/04/2008	LCS	22/04/08%
Date Analysed (TKN)		60286-11	23/04/2008 23/04/2008	LCS	23/04/08%
Total Kjeldahl Nitrogen	mg/L	60286-11	2.8 2.7 RPD: 4	LCS	106%
Date Extracted (Total P)		60286-11	22/04/2008 22/04/2008	LCS	22/04/08%
Date Analysed (Total P)		60286-11	23/04/2008 23/04/2008	LCS	23/04/08%
Total Phosphorus	mg/L	60286-11	0.27 0.30 RPD: 11	LCS	95%
Date Extracted (BOD)		60286-11	16/04/2008 16/04/2008	[NR]	[NR]
Date Analysed (BOD)		60286-11	21/04/2008 21/04/2008	[NR]	[NR]
Biochemical Oxygen Demand - BOD ₅	mg/L	60286-11	28 26 RPD: 7	[NR]	[NR]
COD	mg/L	60286-11	150 [N/T]	LCS	106%

QUALITY CONTROL Ammonia and Cyanide	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Ammonia as N	mg/L	60286-11	0.06 0.06 RPD: 0		
QUALITY CONTROL NOX in Water	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		[NT]	[NT]	LCS	22/04/08%
Date Analysed		[NT]	[NT]	LCS	22/04/08%
Nitrate as N	mg/L	[NT]	[NT]	LCS	96%
Nitrite as N	mg/L	[NT]	[NT]	LCS	97%
Total NOX	mg/L	[NT]	[NT]	[NR]	[NR]
QUALITY CONTROL Trace HM (ICP-MS)-Dissolved	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Metals-ICPMS)		[NT]	[NT]	LCS	18/04/08%
Date Analysed (Metals-ICPMS)		[NT]	[NT]	LCS	18/04/08%
Arsenic	µg/L	[NT]	[NT]	[NR]	[NR]
Cadmium	µg/L	[NT]	[NT]	[NR]	[NR]
Chromium	µg/L	[NT]	[NT]	[NR]	[NR]
Copper	µg/L	[NT]	[NT]	[NR]	[NR]
Iron*	µg/L	[NT]	[NT]	LCS	99%
Lead	µg/L	[NT]	[NT]	[NR]	[NR]
Nickel	µg/L	[NT]	[NT]	[NR]	[NR]
Zinc	µg/L	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (pH)		60286-10	16/04/2008 16/04/2008
Date Analysed (pH)		60286-10	16/04/2008 16/04/2008
pH	pH Units	60286-10	8.5 8.6 RPD: 1
Electrical Conductivity	µS/cm	60286-10	2300 2300 RPD: 0
Date Extracted (TKN)		60286-10	22/04/2008 [N/T]
Date Analysed (TKN)		60286-10	23/04/2008 [N/T]
Total Kjeldahl Nitrogen	mg/L	60286-10	4.7 [N/T]
Total Nitrogen	mg/L	60286-10	4.7 [N/T]
Date Extracted (Total P)		60286-10	22/04/2008 [N/T]
Date Analysed (Total P)		60286-10	23/04/2008 [N/T]
Total Phosphorus	mg/L	60286-10	0.27 [N/T]
Date Extracted (BOD)		60286-10	16/04/2008 [NT]
Date Analysed (BOD)		60286-10	21/04/2008 [N/T]
Biochemical Oxygen Demand - BOD ₅	mg/L	60286-10	10 [N/T]
COD	mg/L	60286-10	340 330 RPD: 3
Date Extracted (TDS)		60286-10	21/04/2008 21/04/2008
Date Analysed (TDS)		60286-10	21/04/2008 21/04/2008
Total Dissolved Solids	mg/L	60286-10	1600 1700 RPD: 6

QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (pH)		60286-2	16/04/2008 [N/T]
Date Analysed (pH)		60286-2	16/04/2008 [N/T]
pH	pH Units	60286-2	7.0 [N/T]
Electrical Conductivity	µS/cm	60286-2	4100 [N/T]
Date Extracted (TKN)		60286-2	22/04/2008 [N/T]
Date Analysed (TKN)		60286-2	23/04/2008 [N/T]
Total Kjeldahl Nitrogen	mg/L	60286-2	2.9 [N/T]
Total Nitrogen	mg/L	60286-2	2.9 [N/T]
Date Extracted (Total P)		60286-2	22/04/2008 [N/T]
Date Analysed (Total P)		60286-2	23/04/2008 [N/T]
Total Phosphorus	mg/L	60286-2	0.63 [N/T]
Date Extracted (BOD)		60286-2	16/04/2008 16/04/2008
Date Analysed (BOD)		60286-2	21/04/2008 21/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	60286-2	27 [N/T]
COD	mg/L	60286-2	140 [N/T]
Date Extracted (TDS)		60286-2	21/04/2008 [N/T]
Date Analysed (TDS)		60286-2	21/04/2008 [N/T]
Total Dissolved Solids	mg/L	60286-2	2300 [N/T]

QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (pH)		60286-6	16/04/2008 [N/T]
Date Analysed (pH)		60286-6	16/04/2008 [N/T]
pH	pH Units	60286-6	7.6 [N/T]
Electrical Conductivity	µS/cm	60286-6	3100 [N/T]
Date Extracted (TKN)		60286-6	22/04/2008 [N/T]
Date Analysed (TKN)		60286-6	23/04/2008 [N/T]
Total Kjeldahl Nitrogen	mg/L	60286-6	1.9 [N/T]
Total Nitrogen	mg/L	60286-6	2.0 [N/T]
Date Extracted (Total P)		60286-6	22/04/2008 [N/T]
Date Analysed (Total P)		60286-6	23/04/2008 [N/T]
Total Phosphorus	mg/L	60286-6	2.0 [N/T]
Date Extracted (BOD)		60286-6	16/04/2008 16/04/2008
Date Analysed (BOD)		60286-6	21/04/2008 21/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	60286-6	6.0 5.0 RPD: 18
COD	mg/L	60286-6	79 [N/T]
Date Extracted (TDS)		60286-6	21/04/2008 [N/T]
Date Analysed (TDS)		60286-6	21/04/2008 [N/T]
Total Dissolved Solids	mg/L	60286-6	2000 [N/T]

Result Codes

[INS]	: Insufficient Sample for this test	[RPD]	: Relative Percentage Difference
[NR]	: Not Requested	*	: Not part of NATA Accreditation
[NT]	: Not tested	[N/A]	: Not Applicable

Report Comments

PAH-Surrogate for number 1,2,3,4,5,10,12 not recovered within acceptance criteria due to sample matrix interference and no sample left to do re extraction.

BOD was analysed by LabPoint with Report No NAA08-0947.

OC/ OP/ PCB/ NOX subcontracted to NMI.

OC's/OP's/PCB's/Anions were analysed by NMI with Report No RN677310.

Date Organics extraction commenced: 18/04/08

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).

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Quality Control Protocol

Method Blank: An analyte free matrix to which all reagents are added in the same volume or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. A method blank is prepared every 20 samples.

Duplicate: A separate portion of a sample being analysed that is treated the same as the other samples in the batch. One duplicate is processed at least every 10 samples.

Surrogate Spike: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are added to samples before extraction to monitor extraction efficiency and percent recovery in each sample.

Internal Standard: Added to all samples requiring analysis for organics (where relevant) or metals by ICP after the extraction/digestion process; the compounds/elements serve to give a standard of retention time and/or response, which is invariant from run-to-run with the instruments.

Laboratory Control Sample: A known matrix spiked with compound(s) representative of the target analytes. It is used to document laboratory performance. When the results of the matrix spike analysis indicates a potential problem due to the sample matrix itself, the LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

Matrix Spike: An aliquot of sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Quality Acceptance Criteria

Unless otherwise specified in the test method, the following general acceptance criteria apply:

Method Blanks:	<LOR
Duplicates:	<5 x LOR: No RPD criteria applied. >5 x LOR: 0-30% RPD is accepted.
LCS's:	Determined by Control Charts. Where control charts have not been developed, the Matrix Spikes criteria apply.
Matrix Spikes:	70-130% recovery is accepted for metals / inorganics. 60-140% is accepted for organics.
Surrogates:	60-130% recovery is accepted for BTEX. 70-130% recovery is accepted for other organics.



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7 May 2008

TEST REPORT

Douglas Partners Pty Ltd
Box 324
Hunter Region Mail Centre
NSW 2310

Your Reference: 39798.02, Hexham
Report Number: 60349-R

Attention: Matthew Blackert

Dear Matthew

The following samples were received from you on the date indicated.

Samples:	Qty.	14 Waters
Date of Receipt of Samples:		18/04/08
Date of Receipt of Instructions:		18/04/08
Date Preliminary Report Emailed:		Not Issued

These samples were analysed in accordance with your written instructions.
A copy of the instructions is attached with the analytical report.

The results and associated quality control are contained in the following pages of this report.
Unless otherwise stated, solid samples are expressed on a dry weight basis (moisture has been supplied for your information only), air and liquid samples as received.

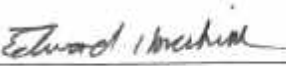
Should you have any queries regarding this report please contact the undersigned.

This report cancels & supersedes Report No. 60349 issued SGS Environmental Services due to amendment to Sample ID as per COC.

Yours faithfully

SGSENVIRONMENTAL SERVICES


Ly Kim Ha
Senior Organic Chemist


Edward Ibrahim
Laboratory Services Manager


Alexandra Stenta
Key Account Representative

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BTEX in Water (µg/L)						
Our Reference:	UNITS	60349-R-1	60349-R-2	60349-R-3	60349-R-4	60349-R-5
Your Reference	-----	101	102	103	104	105
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Extracted (BTEX)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (BTEX)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Benzene	µg/L	<1	<1	<1	<1	<1
Toluene	µg/L	<1	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	<1	<1	<1
m&p-Xylene	µg/L	<2	<2	<2	<2	<2
o-Xylene	µg/L	<1	<1	<1	<1	<1
Total Xylenes	µg/L	<3	<3	<3	<3	<3
Surrogate	%	94	90	95	96	84

BTEX in Water (µg/L)						
Our Reference:	UNITS	60349-R-6	60349-R-7	60349-R-8	60349-R-9	60349-R-10
Your Reference	-----	106	107	108	109	2
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Extracted (BTEX)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (BTEX)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Benzene	µg/L	<1	<1	<1	<1	<1
Toluene	µg/L	<1	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	<1	<1	<1
m&p-Xylene	µg/L	<2	<2	<2	<2	<2
o-Xylene	µg/L	<1	<1	<1	<1	<1
Total Xylenes	µg/L	<3	<3	<3	<3	<3
Surrogate	%	97	94	85	92	87

BTEX in Water (µg/L)					
Our Reference:	UNITS	60349-R-11	60349-R-12	60349-R-13	60349-R-14
Your Reference	-----	3	5	7	BD130
Sample Type	-----	Water	Water	Water	Water
Date Sampled		16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Extracted (BTEX)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (BTEX)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Benzene	µg/L	<1	<1	<1	<1
Toluene	µg/L	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	<1	<1
m&p-Xylene	µg/L	<2	<2	<2	<2
o-Xylene	µg/L	<1	<1	<1	<1
Total Xylenes	µg/L	<3	<3	<3	<3
Surrogate	%	97	92	89	78

TRH in water with C6-C9 by P/T Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted (TRH C6-C9 PT)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TRH C6-C9 PT)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
TRH C6 - C9 P&T	µg/L	<20.0	<20.0	<20.0	<20.0	<20.0
Date Extracted (TRH C10-C36)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TRH C10-C36)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
TRH C10 - C14	µg/L	<40.0	45.0	<40.0	<40.0	<40.0
TRH C15 - C28	µg/L	<100	698	<100	<100	<100
TRH C29 - C36	µg/L	<100	<100	<100	<100	<100

TRH in water with C6-C9 by P/T Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted (TRH C6-C9 PT)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TRH C6-C9 PT)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
TRH C6 - C9 P&T	µg/L	<20.0	<20.0	<20.0	<20.0	<20.0
Date Extracted (TRH C10-C36)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TRH C10-C36)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
TRH C10 - C14	µg/L	<40.0	<40.0	<40.0	<40.0	<40.0
TRH C15 - C28	µg/L	<100	<100	823	<100	<100
TRH C29 - C36	µg/L	<100	<100	416	<100	<100

TRH in water with C6-C9 by P/T Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted (TRH C6-C9 PT)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TRH C6-C9 PT)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
TRH C6 - C9 P&T	µg/L	<20.0	<20.0	<20.0	<20.0
Date Extracted (TRH C10-C36)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TRH C10-C36)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
TRH C10 - C14	µg/L	<40.0	<40.0	<40.0	<40.0
TRH C15 - C28	µg/L	<100	<100	<100	<100
TRH C29 - C36	µg/L	<100	<100	<100	<100

PAHs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Naphthalene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	µg/L	<0.1	0.2	<0.1	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	µg/L	<0.1	0.1	<0.1	<0.1	<0.1
Pyrene	µg/L	<0.1	0.3	<0.1	<0.1	<0.1
Benzo[a]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20
Benzo[a]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno[123-cd]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	µg/L	<1.6	<1.90	<1.6	<1.6	<1.6
Nitrobenzene-d5	%	91	79	95	104	128
2-Fluorobiphenyl	%	93	84	89	107	118
p -Terphenyl-d14	%	98	110	75	#	124

PAHs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Naphthalene	µg/L	<0.1	<0.1	0.3	<0.1	<0.1
Acenaphthylene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1	0.1	<0.1	<0.1
Phenanthrene	µg/L	<0.1	<0.1	1.5	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1	0.1	<0.1	<0.1
Fluoranthene	µg/L	<0.1	<0.1	0.8	<0.1	<0.1
Pyrene	µg/L	<0.1	<0.1	0.9	<0.1	<0.1
Benzo[a]anthracene	µg/L	<0.1	<0.1	0.5	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	µg/L	<0.20	<0.20	0.40	<0.20	<0.20
Benzo[a]pyrene	µg/L	<0.1	<0.1	0.3	<0.1	<0.1
Indeno[123-cd]pyrene	µg/L	<0.1	<0.1	0.2	<0.1	<0.1
Dibenzo[ah]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	µg/L	<0.1	<0.1	0.1	<0.1	<0.1
Total PAHs	µg/L	<1.6	<1.6	<5.60	<1.6	<1.6
Nitrobenzene-d5	%	112	103	92	82	100
2-Fluorobiphenyl	%	86	82	96	126	#
<i>p</i> -Terphenyl- <i>d</i> 14	%	102	124	93	98	89

PAHs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Naphthalene	µg/L	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	µg/L	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	<0.1	<0.1	<0.1	<0.1
Fluorene	µg/L	<0.1	<0.1	<0.1	<0.1
Phenanthrene	µg/L	<0.1	<0.1	<0.1	<0.1
Anthracene	µg/L	<0.1	<0.1	<0.1	<0.1
Fluoranthene	µg/L	<0.1	<0.1	<0.1	<0.1
Pyrene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo[a]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1
Chrysene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	µg/L	<0.20	<0.20	<0.20	<0.20
Benzo[a]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1
Indeno[123-cd]pyrene	µg/L	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	µg/L	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	µg/L	<0.1	<0.1	<0.1	<0.1
Total PAHs	µg/L	<1.6	<1.6	<1.6	<1.6
Nitrobenzene-d5	%	91	85	97	121
2-Fluorobiphenyl	%	#	87	99	100
p -Terphenyl-d14	%	100	97	109	102

Low Level Pesticides - ANZECC Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
HCB	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Heptachlor	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Heptachlor Epoxide	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Aldrin	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
gamma-BHC (Lindane)	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
alpha-BHC	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
beta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
delta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
trans-Chlordane	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-Chlordane	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Oxychlordane	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Dieldrin	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
<i>p,p</i> -DDE	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<i>p,p</i> -DDD	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<i>p,p</i> -DDT	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Endrin	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Endrin Aldehyde	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Endrin Ketone	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
alpha-Endosulfan	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
beta-Endosulfan	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Endosulfan Sulphate	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Methoxychlor	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
OC Surrogate	%	94	84	47	51	57

Low Level Pesticides - ANZECC Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
HCB	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Heptachlor	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Heptachlor Epoxide	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Aldrin	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
gamma-BHC (Lindane)	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
alpha-BHC	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
beta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
delta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
trans-Chlordane	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-Chlordane	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Oxychlordane	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Dieldrin	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
p,p-DDE	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
p,p-DDD	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
p,p-DDT	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Endrin	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Endrin Aldehyde	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Endrin Ketone	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
alpha-Endosulfan	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
beta-Endosulfan	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Endosulfan Sulphate	µg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Methoxychlor	µg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
OC Surrogate	%	50	53	45	45	52

Low Level Pesticides - ANZECC Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008
HCB	µg/L	<0.001	<0.001	<0.001	<0.001
Heptachlor	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
Heptachlor Epoxide	µg/L	<0.001	<0.001	<0.001	<0.001
Aldrin	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
gamma-BHC (Lindane)	µg/L	<0.001	<0.001	<0.001	<0.001
alpha-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
beta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
delta-BHC	µg/L	<0.001	<0.001	<0.001	<0.001
trans-Chlordane	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
cis-Chlordane	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
Oxychlordane	µg/L	<0.001	<0.001	<0.001	<0.001
Dieldrin	µg/L	<0.001	<0.001	<0.001	<0.001
p,p-DDE	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
p,p-DDD	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
p,p-DDT	µg/L	<0.001	<0.001	<0.001	<0.001
Endrin	µg/L	<0.001	<0.001	<0.001	<0.001
Endrin Aldehyde	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
Endrin Ketone	µg/L	<0.001	<0.001	<0.001	<0.001
alpha-Endosulfan	µg/L	<0.001	<0.001	<0.001	<0.001
beta-Endosulfan	µg/L	<0.001	<0.001	<0.001	<0.001
Endosulfan Sulphate	µg/L	<0.001	<0.001	<0.001	<0.001
Methoxychlor	µg/L	<0.0010	<0.0010	<0.0010	<0.0010
OC Surrogate	%	48	55	47	53

Low Level OCP Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Demeton-S-Methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Diazinon	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethoate	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Chlorpyrifos	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos Methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Fenthion	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Azinphos Ethyl	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Azinphos Methyl	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Chlorfenvinphos (E)	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos (Z)	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion ethyl	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Parathion methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos Ethyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos Methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
OP Surrogate	%	114	39	72	72	73

Low Level OCP Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Demeton-S-Methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorvos	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Diazinon	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethoate	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Chlorpyrifos	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos Methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Malathion	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Fenthion	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Azinphos Ethyl	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Azinphos Methyl	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Chlorfenvinphos (E)	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos (Z)	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Ethion	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Fenitrothion	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Parathion ethyl	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
Parathion methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos Ethyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Pirimiphos Methyl	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
OP Surrogate	%	64	82	72	63	64

Low Level OCP Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Demeton-S-Methyl	µg/L	<0.01	<0.01	<0.01	<0.01
Dichlorvos	µg/L	<0.010	<0.010	<0.010	<0.010
Diazinon	µg/L	<0.010	<0.010	<0.010	<0.010
Dimethoate	µg/L	<0.010	<0.010	<0.010	<0.010
Chlorpyrifos	µg/L	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos Methyl	µg/L	<0.01	<0.01	<0.01	<0.01
Malathion	µg/L	<0.010	<0.010	<0.010	<0.010
Fenthion	µg/L	<0.010	<0.010	<0.010	<0.010
Azinphos Ethyl	µg/L	<0.010	<0.010	<0.010	<0.010
Azinphos Methyl	µg/L	<0.010	<0.010	<0.010	<0.010
Chlorfenvinphos (E)	µg/L	<0.01	<0.01	<0.01	<0.01
Chlorfenvinphos (Z)	µg/L	<0.01	<0.01	<0.01	<0.01
Ethion	µg/L	<0.01	<0.01	<0.01	<0.01
Fenitrothion	µg/L	<0.01	<0.01	<0.01	<0.01
Parathion ethyl	µg/L	<0.010	<0.010	<0.010	<0.010
Parathion methyl	µg/L	<0.01	<0.01	<0.01	<0.01
Pirimiphos Ethyl	µg/L	<0.01	<0.01	<0.01	<0.01
Pirimiphos Methyl	µg/L	<0.01	<0.01	<0.01	<0.01
OP Surrogate	%	58	59	68	66

PCBs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arochlor 1016	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1221	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1232	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1242	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1248	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1254	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1260	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01

PCBs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arochlor 1016	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1221	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1232	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1242	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1248	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1254	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Arochlor 1260	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01

PCBs in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arochlor 1016	µg/L	<0.01	<0.01	<0.01	<0.01
Arochlor 1221	µg/L	<0.01	<0.01	<0.01	<0.01
Arochlor 1232	µg/L	<0.01	<0.01	<0.01	<0.01
Arochlor 1242	µg/L	<0.01	<0.01	<0.01	<0.01
Arochlor 1248	µg/L	<0.01	<0.01	<0.01	<0.01
Arochlor 1254	µg/L	<0.01	<0.01	<0.01	<0.01
Arochlor 1260	µg/L	<0.01	<0.01	<0.01	<0.01

Inorganics Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted (pH)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (pH)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
pH	pH Units	5.7	5.9	5.7	6.9	4.9
Date Extracted (Conductivity)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (Conductivity)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Electrical Conductivity	µS/cm	5,200	1,700	3,600	4,900	6,300
Date Extracted (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Kjeldahl Nitrogen	mg/L	1.4	4.3	0.3	0.7	3.0
Total Nitrogen	mg/L	1.4	4.3	0.32	0.72	3.0
Date Extracted (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Phosphorus	mg/L	1.2	1.5	0.45	0.81	3.0
Date Extracted (BOD)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (BOD)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	<5	<5	<5	<5	46

Inorganics Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted (pH)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (pH)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
pH	pH Units	6.4	6.6	6.3	7.2	6.4
Date Extracted (Conductivity)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (Conductivity)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Electrical Conductivity	µS/cm	8,900	5,300	3,400	5,200	5,100
Date Extracted (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Kjeldahl Nitrogen	mg/L	1.8	1.4	9.8	1.4	<0.2
Total Nitrogen	mg/L	1.8	1.5	9.8	1.4	<0.20
Date Extracted (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Phosphorus	mg/L	0.33	0.37	4.7	4.7	0.13
Date Extracted (BOD)		18/04/2008	18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (BOD)		23/04/2008	23/04/2008	23/04/2008	23/04/2008	23/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	<5	<5	<5	7.2	<2.0

Inorganics Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted (pH)		18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (pH)		18/04/2008	18/04/2008	18/04/2008	18/04/2008
pH	pH Units	6.0	6.7	5.8	6.7
Date Extracted (Conductivity)		18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (Conductivity)		18/04/2008	18/04/2008	18/04/2008	18/04/2008
Electrical Conductivity	µS/cm	9,700	2,600	25,000	2,500
Date Extracted (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (TKN)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Kjeldahl Nitrogen	mg/L	0.5	<0.2	10	<0.2
Total Nitrogen	mg/L	0.49	<0.20	10	<0.20
Date Extracted (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Date Analysed (Total P)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Total Phosphorus	mg/L	0.14	0.06	2.8	0.08
Date Extracted (BOD)		18/04/2008	18/04/2008	18/04/2008	18/04/2008
Date Analysed (BOD)		23/04/2008	23/04/2008	23/04/2008	23/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	<2.0	<2.0	5.6	<2.0

NOX in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Nitrate as N	mg/L	0.02	<0.005	<0.005	0.03	<0.005
Nitrite as N	mg/L	0.02	0.009	0.02	<0.005	<0.005
Total NOX	mg/L	0	<0.014	<0.027	<0.030	<0.010

NOX in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Nitrate as N	mg/L	0.02	0.03	0.01	<0.005	0.05
Nitrite as N	mg/L	<0.005	0.03	<0.005	<0.005	<0.005
Total NOX	mg/L	<0.025	0	<0.017	<0.010	<0.057

NOX in Water Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Nitrate as N	mg/L	0.008	0.01	<0.005	0.01
Nitrite as N	mg/L	0.01	0.009	0.02	<0.005
Total NOX	mg/L	0	0	<0.028	<0.017

Trace HM (ICP-MS)-Dissolved Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-1 101 Water 16/04/2008	60349-R-2 102 Water 16/04/2008	60349-R-3 103 Water 16/04/2008	60349-R-4 104 Water 16/04/2008	60349-R-5 105 Water 16/04/2008
Date Extracted (Metals-ICPMS)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (Metals-ICPMS)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arsenic	µg/L	1.5	7.1	6.3	4.0	8.5
Cadmium	µg/L	0.42	<0.10	<0.10	<0.10	1.5
Chromium	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Copper	µg/L	1.6	1.7	1.8	1.7	5.4
Iron*	µg/L	13,000	16,000	28,000	4,800	480,000
Lead	µg/L	1.7	<1.0	<1.0	<1.0	<1.0
Nickel	µg/L	17	24	18	10	1,100
Zinc	µg/L	120	51	29	18	1,500

Trace HM (ICP-MS)-Dissolved Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-6 106 Water 16/04/2008	60349-R-7 107 Water 16/04/2008	60349-R-8 108 Water 16/04/2008	60349-R-9 109 Water 16/04/2008	60349-R-10 2 Water 16/04/2008
Date Extracted (Metals-ICPMS)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (Metals-ICPMS)		22/04/2008	22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arsenic	µg/L	3.1	8.4	1.8	1.3	1.6
Cadmium	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chromium	µg/L	1.0	<1.0	<1.0	2.7	1.1
Copper	µg/L	1.7	1.3	1.2	2.1	5.2
Iron*	µg/L	5,400	12,000	4,400	190	480
Lead	µg/L	<1.0	<1.0	<1.0	2.6	<1.0
Nickel	µg/L	31	6.5	16	1.6	20
Zinc	µg/L	26	38	28	23	82

Trace HM (ICP-MS)-Dissolved Our Reference: Your Reference Sample Type Date Sampled	UNITS ----- -----	60349-R-11 3 Water 16/04/2008	60349-R-12 5 Water 16/04/2008	60349-R-13 7 Water 16/04/2008	60349-R-14 BD130 Water 16/04/2008
Date Extracted (Metals-ICPMS)		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Date Analysed (Metals-ICPMS)		22/04/2008	22/04/2008	22/04/2008	22/04/2008
Arsenic	µg/L	8.2	1.0	6.1	<1.0
Cadmium	µg/L	<0.10	<0.10	<0.10	<0.10
Chromium	µg/L	1.2	<1.0	2.3	<1.0
Copper	µg/L	2.5	1.3	1.0	1.7
Iron*	µg/L	20,000	100	28,000	130
Lead	µg/L	<1.0	<1.0	1.0	<1.0
Nickel	µg/L	44	9.6	210	9.5
Zinc	µg/L	63	34	120	29

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	60349-R-1	60349-R-2	60349-R-3	60349-R-4	60349-R-5
Your Reference	-----	101	102	103	104	105
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Extracted (Mercury)		24/04/2008	24/04/2008	24/04/2008	24/04/2008	24/04/2008
Date Analysed (Mercury)		24/04/2008	24/04/2008	24/04/2008	24/04/2008	24/04/2008
Mercury (Dissolved)	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	60349-R-6	60349-R-7	60349-R-8	60349-R-9	60349-R-10
Your Reference	-----	106	107	108	109	2
Sample Type	-----	Water	Water	Water	Water	Water
Date Sampled		16/04/2008	16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Extracted (Mercury)		24/04/2008	24/04/2008	24/04/2008	24/04/2008	24/04/2008
Date Analysed (Mercury)		24/04/2008	24/04/2008	24/04/2008	24/04/2008	24/04/2008
Mercury (Dissolved)	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10

Mercury Cold Vapor/Hg Analyser					
Our Reference:	UNITS	60349-R-11	60349-R-12	60349-R-13	60349-R-14
Your Reference	-----	3	5	7	BD130
Sample Type	-----	Water	Water	Water	Water
Date Sampled		16/04/2008	16/04/2008	16/04/2008	16/04/2008
Date Extracted (Mercury)		24/04/2008	24/04/2008	24/04/2008	24/04/2008
Date Analysed (Mercury)		24/04/2008	24/04/2008	24/04/2008	24/04/2008
Mercury (Dissolved)	µg/L	<0.10	<0.10	<0.10	<0.10

Method ID	Methodology Summary
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
PEO-800	PEO-800 - Volatile Organic Compounds and the C6-C9 Hydrocarbons fraction in waters, soils and sediments analysed by SGS Perth using Purge & Trap GC/MS. Method based on USEPA 8260, contained in SW846 Update 1, July 1992.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is aaa-trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
SEO-030	PAHs by GC/MS - Determination of Polynuclear Aromatic Hydrocarbons (PAH's) by Gas Chromatography / Mass Spectrometry following extraction with dichloromethane or dichloromethane/acetone. The surrogate spike used is p-Terphenyl-d14.
Ext-020	Analysis subcontracted to Australian Government National Measurement Institute.
AN101	pH - Measured using pH meter and electrode in accordance with APHA 20th ED, 4500-H+.
SEI-037	Ammonia - Determined by colourimetric method using Discrete Analyser
AN106	Conductivity and TDS by Calculation (cTDS) - Conductivity is measured using a conductivity cell and dedicated meter, in accordance with APHA Method 2510, 20th edition. TDS is calculated by $TDS(mg/L) = 0.6 \times \text{Conductivity}(\mu S/cm)$.
AN292	Determination of Total Kjeldahl Nitrogen by discrete analyser following digestion with Sulphuric Acid, K ₂ SO ₄ and HgSO ₄ . Method based on APHA 4500-Norg D / USEPA 351.2.
SEI-033	Total Kjeldahl Nitrogen - determined titrimetrically, in accordance with APHA 20th ED, 4500-Norg B.
AN293	Determination of Total Phosphorus by discrete analyser following digestion with Sulphuric Acid, K ₂ SO ₄ and HgSO ₄ . Method based on APHA 4500-P E / USEPA 365.4.
AN183	Biochemical Oxygen Demand (BOD) - determined by measurements of oxygen consumed after 5 days incubation based on APHA 21th Edition 5210B. Analysis is carried out by SGS Environmental Services Sydney.
SEP-015	Water sample is digested with Nitric Acid at 105°C for total metals analysed by ICPMS.
AN318	Determination of elements at trace levels in waters by ICP-MS. Method based on USEPA 6020A
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.

QUALITY CONTROL BTEX in Water (µg/L)	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (BTEX)				23/04/08	[NT]	[NT]	LCS	23/04/08%
Date Analysed (BTEX)				23/04/08	[NT]	[NT]	LCS	23/04/08%
Benzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	102%
Toluene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	102%
Ethylbenzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	102%
m&p-Xylene	µg/L	2	PEO-800	<2	[NT]	[NT]	LCS	100%
o-Xylene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	102%
Total Xylenes	µg/L	3	SEO-018	<3	[NT]	[NT]	LCS	101%
Surrogate	%	0	SEO-018	91	[NT]	[NT]	LCS	86%
QUALITY CONTROL TRH in water with C6-C9 by P/T	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (TRH C6-C9 PT)				23/04/08	[NT]	[NT]	LCS	23/04/08%
Date Analysed (TRH C6-C9 PT)				23/04/08	[NT]	[NT]	LCS	23/04/08%
TRH C6 - C9 P&T	µg/L	20	SEO-017	<20.0	[NT]	[NT]	LCS	103%
Date Extracted (TRH C10-C36)				23/04/08	[NT]	[NT]	LCS	23/04/08%
Date Analysed (TRH C10-C36)				23/04/08	[NT]	[NT]	LCS	23/04/08%
TRH C10 - C14	µg/L	40	SEO-020	<40.0	[NT]	[NT]	LCS	100%
TRH C15 - C28	µg/L	100	SEO-020	<100	[NT]	[NT]	LCS	100%
TRH C29 - C36	µg/L	100	SEO-020	<100	[NT]	[NT]	LCS	110%
QUALITY CONTROL PAHs in Water	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				23/04/08	[NT]	[NT]	LCS	23/04/08%
Date Analysed				23/04/08	[NT]	[NT]	LCS	23/04/08%
Naphthalene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	93%
Acenaphthylene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	79%
Acenaphthene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	112%
Fluorene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Phenanthrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	89%
Anthracene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	102%
Fluoranthene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	99%
Pyrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	102%
Benzo[a]anthracene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL PAHs in Water	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Chrysene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo[b,k]fluoranthene	µg/L	0.2	SEO-030	<0.20	[NT]	[NT]	[NR]	[NR]
Benzo[a]pyrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	87%
Indeno[123-cd]pyrene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Dibenzo[ah]anthracene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo[ghi]perylene	µg/L	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Total PAHs	µg/L	1.6		<1.6	[NT]	[NT]	[NR]	[NR]
Nitrobenzene-d5	%	0	SEO-030	108	[NT]	[NT]	LCS	97%
2-Fluorobiphenyl	%	0	SEO-030	110	[NT]	[NT]	LCS	98%
p -Terphenyl-d 14	%	0	SEO-030	108	[NT]	[NT]	LCS	105%
QUALITY CONTROL Low Level Pesticides - ANZECC	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Date Analysed			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
HCB	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
Heptachlor	µg/L	0.001	Ext-020	<0.0010	[NT]	[NT]	LCS	88%
Heptachlor Epoxide	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
Aldrin	µg/L	0.001	Ext-020	<0.0010	[NT]	[NT]	LCS	82%
gamma-BHC (Lindane)	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	LCS	82%
alpha-BHC	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
beta-BHC	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
delta-BHC	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
trans-Chlordane	µg/L	0.001	Ext-020	<0.0010	[NT]	[NT]	[NR]	[NR]
cis-Chlordane	µg/L	0.001	Ext-020	<0.0010	[NT]	[NT]	[NR]	[NR]
Oxychlordane	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
Dieldrin	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	LCS	106%
p,p-DDE	µg/L	0.001	Ext-020	<0.0010	[NT]	[NT]	[NR]	[NR]
p,p-DDD	µg/L	0.001	Ext-020	<0.0010	[NT]	[NT]	[NR]	[NR]
p,p-DDT	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	LCS	124%
Endrin	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	LCS	100%

QUALITY CONTROL Low Level Pesticides - ANZECC	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Endrin Aldehyde	µg/L	0.001	Ext-020	<0.001 0	[NT]	[NT]	[NR]	[NR]
Endrin Ketone	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
alpha-Endosulfan	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
beta-Endosulfan	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	µg/L	0.001	Ext-020	<0.001	[NT]	[NT]	[NR]	[NR]
Methoxychlor	µg/L	0.001	Ext-020	<0.001 0	[NT]	[NT]	[NR]	[NR]
OC Surrogate	%		Ext-020	[NT]	[NT]	[NT]	LCS	58%
QUALITY CONTROL Low Level OCP	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Date Analysed			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Demeton-S-Methyl	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Dichlorvos	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	[NR]	[NR]
Diazinon	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	LCS	108%
Dimethoate	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	[NR]	[NR]
Chlorpyrifos	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	LCS	106%
Chlorpyrifos Methyl	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Malathion	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	[NR]	[NR]
Fenthion	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	[NR]	[NR]
Azinphos Ethyl	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	[NR]	[NR]
Azinphos Methyl	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	[NR]	[NR]
Chlorfenvinphos (E)	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Chlorfenvinphos (Z)	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Ethion	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	LCS	101%
Fenitrothion	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Parathion ethyl	µg/L	0.01	Ext-020	<0.010	[NT]	[NT]	LCS	122%
Parathion methyl	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Pirimiphos Ethyl	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Pirimiphos Methyl	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
OP Surrogate	%		Ext-020	[NT]	[NT]	[NT]	LCS	86%

QUALITY CONTROL PCBs in Water	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Date Analysed			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Arochlor 1016	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Arochlor 1221	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	[NR]	[NR]
Arochlor 1260	µg/L	0.01	Ext-020	<0.01	[NT]	[NT]	LCS	99%
QUALITY CONTROL Inorganics	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (pH)				[NT]	60349-1	18/04/2008 18/04/2008	[NR]	[NR]
Date Analysed (pH)				[NT]	60349-1	18/04/2008 18/04/2008	[NR]	[NR]
pH	pH Units	0	AN101	[NT]	60349-1	5.7 5.8 RPD: 2	[NR]	[NR]
Electrical Conductivity	µS/cm	1	AN106	<1.0	60349-1	5200 5200 RPD: 0	[NR]	[NR]
Date Extracted (TKN)				23/04/08	60349-1	23/04/2008 23/04/2008	[NR]	[NR]
Date Analysed (TKN)				23/04/08	60349-1	23/04/2008 23/04/2008	[NR]	[NR]
Total Kjeldahl Nitrogen	mg/L	0.2	AN292	<0.2	60349-1	1.4 1.5 RPD: 7	[NR]	[NR]
Total Nitrogen	mg/L	0.2	SEI-033	<0.20	60349-1	1.4 [N/T]	[NR]	[NR]
Date Extracted (Total P)				23/04/08	60349-1	23/04/2008 23/04/2008	[NR]	[NR]
Date Analysed (Total P)				23/04/08	60349-1	23/04/2008 23/04/2008	[NR]	[NR]
Total Phosphorus	mg/L	0.05	AN293	<0.05	60349-1	1.2 1.3 RPD: 8	[NR]	[NR]
Date Extracted (BOD)				18/04/08	60349-1	18/04/2008 18/04/2008	[NR]	[NR]
Date Analysed (BOD)				23/04/08	60349-1	23/04/2008 23/04/2008	[NR]	[NR]
Biochemical Oxygen Demand - BOD ₅	mg/L	2	AN183	<2.0	60349-1	<5 [N/T]	[NR]	[NR]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
NOX in Water								
Date Extracted			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Date Analysed			Ext-020	22/04/08	[NT]	[NT]	LCS	22/04/08%
Nitrate as N	mg/L	0.005	Ext-020	<0.005	[NT]	[NT]	LCS	96%
Nitrite as N	mg/L	0.005	Ext-020	<0.005	[NT]	[NT]	LCS	97%
Total NOX	mg/L	0.01	Ext-020	[NT]	[NT]	[NT]	[NR]	[NR]
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Trace HM (ICP-MS)-Dissolved								
Date Extracted (Metals-ICPMS)			SEP-015	22/04/08	60349-1	22/04/2008 22/04/2008	60349-2	22/04/08%
Date Analysed (Metals-ICPMS)			SEP-015	22/04/08	60349-1	22/04/2008 22/04/2008	60349-2	22/04/08%
Arsenic	µg/L	1	AN318	<1.0	60349-1	1.5 1.6 RPD: 6	60349-2	108%
Cadmium	µg/L	0.1	AN318	<0.10	60349-1	0.42 0.42 RPD: 0	60349-2	97%
Chromium	µg/L	1	AN318	<1.0	60349-1	<1.0 <1.0	60349-2	97%
Copper	µg/L	1	AN318	<1.0	60349-1	1.6 1.4 RPD: 13	60349-2	91%
Iron*	µg/L	5	AN318	<5.0	60349-1	13000 13000 RPD: 0	[NR]	[NR]
Lead	µg/L	1	AN318	<1.0	60349-1	1.7 1.7 RPD: 0	60349-2	97%
Nickel	µg/L	1	AN318	<1.0	60349-1	17 18 RPD: 6	60349-2	92%
Zinc	µg/L	1	AN318	<1.0	60349-1	120 120 RPD: 0	60349-2	90%
QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Mercury Cold Vapor/Hg Analyser								
Date Extracted (Mercury)				24/04/08	60349-1	24/04/2008 24/04/2008	60349-2	24/04/08%
Date Analysed (Mercury)				24/04/08	60349-1	24/04/2008 24/04/2008	60349-2	24/04/08%
Mercury (Dissolved)	µg/L	0.1	SEM-005	<0.10	60349-1	<0.10 <0.10	60349-2	99%
QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD					
Inorganics								
Date Extracted (pH)		60349-10	18/04/2008 18/04/2008					
Date Analysed (pH)		60349-10	18/04/2008 18/04/2008					
pH	pH Units	60349-10	6.4 6.3 RPD: 2					
Electrical Conductivity	µS/cm	60349-10	5100 5100 RPD: 0					
Date Extracted (TKN)		60349-10	23/04/2008 23/04/2008					

QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Analysed (TKN)		60349-10	23/04/2008 23/04/2008		
Date Extracted (Total P)		60349-10	23/04/2008 23/04/2008		
Date Analysed (Total P)		60349-10	23/04/2008 23/04/2008		
Date Extracted (BOD)		60349-10	18/04/2008 18/04/2008		
Date Analysed (BOD)		60349-10	23/04/2008 23/04/2008		
QUALITY CONTROL Trace HM (ICP-MS)-Dissolved	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Metals-ICPMS)		60349-11	22/04/2008 22/04/2008	LCS	22/04/08%
Date Analysed (Metals-ICPMS)		60349-11	22/04/2008 22/04/2008	LCS	22/04/08%
Arsenic	µg/L	60349-11	8.2 8.5 RPD: 4	[NR]	[NR]
Cadmium	µg/L	60349-11	<0.10 <0.10	[NR]	[NR]
Chromium	µg/L	60349-11	1.2 1.2 RPD: 0	[NR]	[NR]
Copper	µg/L	60349-11	2.5 2.4 RPD: 4	[NR]	[NR]
Iron*	µg/L	60349-11	20000 20000 RPD: 0	LCS	96%
Lead	µg/L	60349-11	<1.0 <1.0	[NR]	[NR]
Nickel	µg/L	60349-11	44 44 RPD: 0	[NR]	[NR]
Zinc	µg/L	60349-11	63 63 RPD: 0	[NR]	[NR]

QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		60349-11	24/04/2008 24/04/2008
Date Analysed (Mercury)		60349-11	24/04/2008 24/04/2008
Mercury (Dissolved)	µg/L	60349-11	<0.10 <0.10
QUALITY CONTROL Inorganics	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (pH)		60349-14	18/04/2008 [N/T]
Date Analysed (pH)		60349-14	18/04/2008 [N/T]
pH	pH Units	60349-14	6.7 [N/T]
Electrical Conductivity	µS/cm	60349-14	2500 [N/T]
Date Extracted (TKN)		60349-14	23/04/2008 23/04/2008
Date Analysed (TKN)		60349-14	23/04/2008 23/04/2008
Total Kjeldahl Nitrogen	mg/L	60349-14	<0.2 <0.2
Total Nitrogen	mg/L	60349-14	<0.20 [N/T]
Date Extracted (Total P)		60349-14	23/04/2008 23/04/2008
Date Analysed (Total P)		60349-14	23/04/2008 23/04/2008
Total Phosphorus	mg/L	60349-14	0.08 0.06 RPD: 29
Date Extracted (BOD)		60349-14	18/04/2008 18/04/2008
Date Analysed (BOD)		60349-14	23/04/2008 23/04/2008
Biochemical Oxygen Demand - BOD ₅	mg/L	60349-14	<2.0 [N/T]

Result Codes

[INS]	: Insufficient Sample for this test	[RPD]	: Relative Percentage Difference
[NR]	: Not Requested	*	: Not part of NATA Accreditation
[NT]	: Not tested	[N/A]	: Not Applicable

Report Comments

PAH surrogate not recovered within acceptance criteria for sample numbers 4,10,11.

Insufficient sample supplied to do re extraction.

Low Level OC's/OP's/PCB's/Anions were analysed by NMI with Report No RN677310.

Date Organics extraction commenced: 23/04/08

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).

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Quality Control Protocol

Method Blank: An analyte free matrix to which all reagents are added in the same volume or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. A method blank is prepared every 20 samples.

Duplicate: A separate portion of a sample being analysed that is treated the same as the other samples in the batch. One duplicate is processed at least every 10 samples.

Surrogate Spike: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are added to samples before extraction to monitor extraction efficiency and percent recovery in each sample.

Internal Standard: Added to all samples requiring analysis for organics (where relevant) or metals by ICP after the extraction/digestion process; the compounds/elements serve to give a standard of retention time and/or response, which is invariant from run-to-run with the instruments.

Laboratory Control Sample: A known matrix spiked with compound(s) representative of the target analytes. It is used to document laboratory performance. When the results of the matrix spike analysis indicates a potential problem due to the sample matrix itself, the LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

Matrix Spike: An aliquot of sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Quality Acceptance Criteria

Unless otherwise specified in the test method, the following general acceptance criteria apply:

Method Blanks:	<LOR
Duplicates:	<5 x LOR: No RPD criteria applied. >5 x LOR: 0-30% RPD is accepted.
LCS's:	Determined by Control Charts. Where control charts have not been developed, the Matrix Spikes criteria apply.
Matrix Spikes:	70-130% recovery is accepted for metals / inorganics. 60-140% is accepted for organics.
Surrogates:	60-130% recovery is accepted for BTEX. 70-130% recovery is accepted for other organics.



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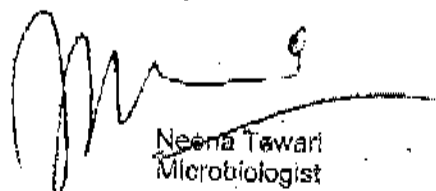
Analytical Report

Douglas Partners
PO Box 324
Hunter Region Mail Centre
NSW, 2310

Phone: 02 4960 9600
Fax: 02 4960 9601

Contact Name: **Mathew Blackert**
Report Number: **H08/0280**
Sample(s) Received: **14/04/2008**
Client Reference: **Water Sample**
Batch Number: **H07051**

Results Approved By:


Neena Tewari
Microbiologist

NATA Accredited Laboratory

Number: 14153 (Biological Testing)



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Results:

Client Id		SW 201	SW 202	SW 203	SW 204	SW 205
Laboratory Id		H07051/001	H07051/002	H07051/003	H07051/004	H07051/005
Thermotolerant Coliforms MF AS						
Method: AS/NZS4276.7-2007	Units: cfu/100mL	550	30	1090	260	120

Results:

Client Id		SW 206	SW 210	SW 211		
Laboratory Id		H07051/006	H07051/007	H07051/008		
Thermotolerant Coliforms MF AS						
Method: AS/NZS4276.7-2007	Units: cfu/100mL	60	-2150	860		

Notes:

Date Reported: Thursday April 17: 2008

Page 1 of 2

PORT KEMBLA OFFICE
Telephone +61 2 4274 0438
Facsimile +61 2 4274 0438
Email pk@ecowise.com.au
73 Military Road
Port Kembla NSW 2505

HEATHERBRAE OFFICE
Telephone +61 2 4987 4150
Facsimile +61 2 4987 4919
Email hew@ecowise.com.au
5/3 Glendon Road
Heatherbrae NSW 2124

NOWRA OFFICE
Telephone +61 2 4423 2089
Facsimile +61 2 4423 2089
Email nw@ecowise.com.au
4/13 Geary Place (PO Box 3105)
North Nowra NSW 2541

CANBERRA
02 6270 7850

BRISBANE
07 3884 0223

MELBOURNE
03 9550 1000

PERTH
08 9337 4198 (EOB)

SYDNEY
02 4721 5477

**Analytical Report****Report No: H08/0290**

Test(s) commenced one day after receipt of sample(s) into the Laboratory.

- - Indicates that the result is an approximate.

The results stated in this report relate only to the sample(s) as submitted by the client.

Symbols Used: < , >

< = less than.

> = greater than.

MPN = Most Probable Number.

cfu = Colony Forming Units.

ND = Not Detected by the conditions of this test (ND = < 1 cfu/100 mL)

Date Reported: Thursday April 17, 2008

Page 3 of 2

PORT KEMBLA OFFICE

Telephone +61 2 4274 0433
Facsimile +61 2 4274 0434
Email pklab@enviro-managers.com.au
73 Military Road
Port Kembla NSW 2505

HEATHCRANE OFFICE

Telephone +61 2 4987 4150
Facsimile +61 2 4987 4152
Email Nswlab@enviro-managers.com.au
2/8 Higgins Road
Heathcraze NSW 2324

NOWRA OFFICE

Telephone +61 2 4423 2063
Facsimile +61 2 4423 2069
Email Nowralab@enviro-managers.com.au
4/13 Greay Place (PO Box 3105)
North Nowra NSW 2541

CANBERRA

02 6270 7630

BRIEBANE

07 3654 0233

MELBOURNE

03 8650 1000

PERTH

08 9337 4165 (FOS)

SYDNEY

02 4721 3477



Analytical Report

Douglas Partners
PO Box 324
Hunter Region Mail Centre
NSW, 2310

Phone: 02 4960 9600
Fax: 02 4960 9601

Contact Name:

Mathew Blackert

Report Number:

H08/0296

Sample(s) Received:

17/04/2008

Client Reference:

Water Samples

Batch Number:

H07058

Results Approved By:

Neena Tawari
Microbiologist

NATA Accredited Laboratory

Number: 14193 (Biological Testing)



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Results:

Client Id		101	102	103	104	105
Laboratory Id		H07058/001	H07058/002	H07058/003	H07058/004	H07058/005
Thermotolerant Coliforms MF AS						
Method:	Units: cfu/100ml	<1	<1	10	100	<1
AS/NZS4276 7-2007						

Results:

Client Id		106	107	108	109	2
Laboratory Id		H07058/006	H07058/007	H07058/008	H07058/009	H07058/010
Thermotolerant Coliforms MF AS						
Method:	Units: cfu/100mL	<1	<1	240	~9300	30
AS/NZS4276 7-2007						

Date Reported: Monday April 21, 2008

Page 1 of 2

PONT KEMBLA OFFICE
Telephone +61 2 4274 0432
Facsimile +61 2 4274 0434
Email pkob@enviromanagers.com.au
73 Military Road
Port Kembla NSW 2508

HEATHERBRAE OFFICE
Telephone +61 2 4987 4191
Facsimile +61 2 4987 4919
Email hb@enviromanagers.com.au
8/8 Giggles Road
Heatherbrae NSW 2324

NOWRA OFFICE
Telephone +61 2 4420 2080
Facsimile +61 2 4420 2082
Email Nowra@enviromanagers.com.au
4/13 Gully Place (PO Box 3108)
North Nowra NSW 2541

CANBERRA
02 6270 7650

BRIGDANE
07 2634 0233

MELBOURNE
03 9660 1700

PERTH
08 9327 4199 (E08)

SYDNEY
02 4761 0477



Analytical Report						Report No: H08/0296	
Results:							
Client Id		3	5	7			
Laboratory Id		H07058/011	H07058/012	H07058/013			
Thermotolerant Coliforms MF AS							
Method:	Units: cfu/100mL	<1	<1	700			
AS/NZS4276.7:2007							
Notes:							
Sample Order No. 71718							
Test(s) commenced one day after receipt of sample(s) into the Laboratory.							
~ - indicates that the result is an approximate.							
The results stated in this report relate only to the sample(s) as submitted by the client.							
Symbols Used:							
< = less than.							
> = greater than.							
MPN = Most Probable Number.							
cfu = Colony Forming Units.							
ND = Not Detected by the conditions of this test (ND = < 1 cfu/100 mL)							

Date Reported: Monday April 21, 2008

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PORT KEMBLA OFFICE
 Telephone +61 2 4274 0400
 Facsimile +61 2 4274 0424
 Email pkblab@enviromanagers.com.au
 72 Military Road
 Port Kembla NSW 2508

HEATHCRACK OFFICE
 Telephone +61 2 4987 4150
 Facsimile +61 2 4987 4919
 Email heathlab@enviromanagers.com.au
 6/8 Higgins Road
 Heatherbrae NSW 2328

NOWRA OFFICE
 Telephone +61 2 4433 3063
 Facsimile +61 2 4423 2083
 Email nowlab@enviromanagers.com.au
 4/13 Geary Place (PO Box 8105)
 North Nowra NSW 2541

CANBERRA
 02 6270 7550

BRISBANE
 07 3854 0235

MELBOURNE
 03 9559 1000

PENRTH
 06 2337 4166 (GDS)

SYDNEY
 02 4721 0477

TABLE 2 - Results of In-Situ & Laboratory Testing

Well	BOD (mg/L)			pH			EC (uS/cm)			TKN (mg/L)			TON (mg/L)			TP (mg/L)			Faecal Coliforms (col/100mL)		
	Mar-99	Sep-99	Oct-00	Mar-99	Sep-99	Oct-00	Mar-99	Sep-99	Oct-00	Mar-99	Sep-99	Oct-00	Mar-99	Sep-99	Oct-00	Mar-99	Sep-99	Oct-00	Mar-99	Sep-99	Oct-00
1	<PQL	<PQL	2	6.3	6.5	6.3	15390	15100	17900	1.93	7.30	1.9	<PQL	0.06	<PQL	0.17	1.50	0.95	250	< 2	0
2	<PQL	<PQL	2	6.2	6.3	6.3	7470	8400	9650	1.25	1.70	1.8	<PQL	<PQL	0.02	<PQL	0.48	0.58	13	< 2	0
3	12	<PQL	13	6.6	6.8	6.8	3470	1940	4890	4.99	4.50	0.2	<PQL	<PQL	0.03	0.55	0.51	0.04	33000	< 200	<5
4	8	<PQL	14	7.1	7.0	7.2	34100	25800	34400	1.81	5.00	7.7	<PQL	<PQL	0.04	0.28	0.67	1.28	14	< 2	0
5	<PQL	<PQL	11	6.9	7.2	7.1	1020	1100	2800	0.76	4.50	0.5	<PQL	<PQL	0.04	0.73	0.62	0.20	350	< 20	0
6	<PQL	<PQL	4	6.0	6.4	6.5	7979	11500	15300	2.31	2.80	1.8	<PQL	<PQL	0.02	0.56	0.48	0.78	920	< 2	<5
7	<PQL	<PQL	4	6.8	6.6	6.6	30300	28000	26200	13.00	15.90	16.6	<PQL	<PQL	<PQL	0.82	7.60	10.40	33	20	<30
8	<PQL	<PQL	4	6.7	6.8	6.7	18230	16900	15200	2.53	5.60	5.9	<PQL	<PQL	<PQL	0.41	0.59	1.05	920	< 20	<5
9	<PQL	11	3	6.4	6.9	6.7	8760	7400	7600	8.27	12.00	8	<PQL	<PQL	<PQL	1.30	5.30	8.72	3500	20	<10
10	<PQL	<PQL	10	6.5	7.1	6.7	1790	1500	1800	8.23	30.20	3.5	3.00	3.30	0.42	0.41	6.82	4.34	1600	< 20	0
Hunter River	<PQL	<PQL	2	7.8	8.6	8.0	20200	28900	30000	0.60	0.60	0.5	0.15	0.08	0.09	0.13	0.13	0.12	13	110	43
PQL	5	5	2	0.1	0.1	0.1	10	10	10	0.03	0.01	0.1	0.03	0.03	0.01	0.01	0.01	0.01	NA		

EC - Electrical Conductivity
 BOD - Biological Oxygen Demand
 TKN - Total Kjeldahl Nitrogen
 TON - Total Oxidisable Nitrogen
 TP - Total Phosphorus
 FC - Faecal Coliforms
 <PQL - Below Laboratory Practical Quantification Limit

Sample Identification	1	2	3	4	D1	5	7	D1	101	102	103	106	107	108	109	MW01	D4	MW02	MW03	MW04	MW05	MW06	MW07	MW08	MW09	MW10	D3	Laboratory PQL	Australian Drinking Water Guidelines - Health Based (mg/L)	ANZECC (2000) - Trigger Values			
																									Slightly to Moderately disturbed systems		Irrigation Waters						
																									Fresh	Marine							
PID (ppm)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1							
pH	6.1	6.3	6.3	6.9	6.5	7	6.7	6.8	6.7	6.3	6.2	6.6	6.8	6.7	7.6	3.5	3.5	3.8	5.5	6.9	6.1	6.7	6	7	7.3	6.5	6.4		6.5-8.5 ⁽⁶⁾	6.5-8.0 ⁽¹¹⁾	7.0-8.5 ⁽²⁾	>6 ⁽⁶⁾	
Electrical Conductivity (uS/cm)	16000	7700	11000	19000	5000	500	33000	39000	6500	2000	2100	8600	4300	2700	4500	3300	3000	1300	2500	1900	2500	3000	2800	2500	1700	5100	5100	1	NC	NC	NC	1000 - 7500 ⁽³⁾	
Biochemical Oxygen Demand	NT	<5	NT	NT	NT	NT	5	6	NT	NT	5	<PQL	NT	<PQL	4	NT	NT	NT	NT	NT	NT	NT	NT	NT	6	NT	NT	4	NC	NC	NC	NC	
Metal																																	
As	<PQL	0.001	0.003	0.002	0.001	0.001	<PQL	<PQL	0.003	0.009	0.002	0.006	0.008	<PQL	0.005	0.007	0.007	0.008	<PQL	0.002	0.002	0.003	<PQL	0.002	0.004	0.007	0.006	0.001	0.007	0.007	0.013 ⁽¹⁰⁾	0.0023 ^{(15)(L)}	0.1 ⁽⁴⁾
Cd	<PQL	<PQL	<PQL	0.0001	<PQL	<PQL	<PQL	0.0002	<PQL	<PQL	<PQL	<PQL	0.0001	<PQL	0.0001	<PQL	<PQL	0.0001	0.0001	<PQL	<PQL	0.0001	<PQL	0.0002	<PQL	<PQL	<PQL	0.0001	0.002	0.0002	0.0007	0.01 ⁽⁴⁾	
Cr	0.002	0.002	0.001	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.002	<PQL	<PQL	<PQL	<PQL	<PQL	0.001	<PQL	0.001	<PQL	0.001	<PQL	<PQL	0.001	0.005 ⁽⁸⁾	0.0001 ⁽⁶⁾	0.0044 ⁽⁸⁾	0.1 ⁽⁴⁾	
Cu	0.002	0.003	0.005	<PQL	<PQL	0.001	<PQL	<PQL	<PQL	0.002	0.002	0.001	<PQL	0.002	0.002	0.001	0.002	0.001	<PQL	<PQL	<PQL	0.004	0.004	<PQL	<PQL	0.001	0.001	2	0.0014	0.0013	0.2 ⁽⁴⁾		
Pb	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.001	<PQL	<PQL	<PQL	0.001	0.02	0.011	0.007	0.2 ⁽⁴⁾		
Hg	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	0.01	0.0034	0.0044	2 ⁽⁶⁾		
Ni	0.046	0.028	0.095	0.04	0.038	0.008	0.056	0.054	0.011	0.029	0.022	0.052	0.015	0.017	0.015	0.21	0.21	0.067	0.046	0.013	0.046	0.069	0.024	0.032	0.017	0.45	0.43	0.001	NC	0.008	2 ⁽⁴⁾		
Zn	0.052	0.021	0.071	0.09	0.023	0.015	0.031	0.061	0.04	0.05	0.035	0.18	3.8	0.032	0.26	0.26	0.088	0.061	0.027	0.09	0.034	0.02	0.2	0.02	0.39	0.38	0.001	0.001	0.0006 ⁽¹¹⁾	0.0001 ⁽¹¹⁾	0.002 ⁽⁴⁾		
TRH																																	

	Exceeds ANZECC 2000 Guidelines - Marine Waters
	Exceeds ANZECC 2000 Guidelines - Fresh Waters
	Exceeds ANZECC 2000 Guidelines - Irrigation Waters in absence of ANZECC 2000 Guidelines for Fresh and Marine Slightly to Moderately disturbed systems
Bold results exceed Australian Drinking Water Guidelines - Health Based	

Table 10: Results of Chemical Analysis on Groundwater (Continued)

Sample Identification	301	302U	302AL	303U	303AL	304	305	306U	306AL	307	308U	308AL	Laboratory PQL	Australian Drinking Water Guidelines - Health Based (mg/L)	ANZECC (2000) - Trigger Values		
															Slightly to Moderately disturbed systems		Irrigation Waters
															Fresh	Marine	
PID (ppm)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1					
pH	6.7	6.8	6.9	6.3	6.7	7	6.5	7	7.6	7.1	6.6	7.3		6.5-8.5 ⁽⁹⁾	6.5-8.0 ⁽¹⁾	7.0-8.5 ⁽²⁾	>6 ⁽⁶⁾
Electrical Conductivity (uS/cm)	1200	3100	12000	2800	11000	1500	30000	4700	27000	11000	6300	14000	1	NC	NC	NC	1000 - 7500 ⁽³⁾
Biochemical Oxygen Demand	NT	<PQL	NT	NT	NT	NT	NT	NT	NT	84	NT	NT	4	NC	NC	NC	NC
Metal (Dissolved)																	
As	0.002	0.001	0.08	0.006	0.004	0.004	0.001	0.004	0.011	0.009	0.001	0.009	0.001	0.007	0.013 ⁽¹⁰⁾	0.0023 ^{(13)(L)}	0.1 ⁽⁴⁾
Cd	<PQL	<PQL	0.0015	0.0003	0.0001	<PQL	<PQL	<PQL	0.0004	<PQL	<PQL	0.0002	0.0001	0.002	0.0002	0.0007	0.01 ⁽⁴⁾
Cr	<PQL	<PQL	0.21	<PQL	0.018	0.002	<PQL	0.003	0.034	<PQL	<PQL	0.023	0.001	0.05 ⁽⁸⁾	0.001 ⁽⁸⁾	0.0044 ⁽⁸⁾	0.1 ⁽⁴⁾
Cu	0.002	0.007	0.21	<PQL	0.018	<0.001	0.004	0.001	0.024	0.002	<PQL	0.037	0.001	2	0.0014	0.0013	0.2 ⁽⁴⁾
Pb	<PQL	<PQL	0.18	<PQL	0.006	<PQL	<PQL	<PQL	0.009	<PQL	<PQL	0.013	0.001	0.02	0.011	0.007	0.2 ⁽⁴⁾
Hg	<PQL	<PQL	0.0002	<PQL	0.0003	<PQL	<PQL	<PQL	0.0003	<PQL	<PQL	<PQL	0.0001	0.01	0.0034	0.0044	2 ⁽⁴⁾
Ni	0.015	0.018	0.19	0.042	0.029	0.022	0.059	0.012	0.033	0.022	0.053	0.069	0.001	NC	0.008	0.015	2 ⁽⁴⁾
Zn	0.019	0.061	0.52	0.021	0.047	0.033	0.057	0.025	0.065	0.038	0.053	0.085	0.001	0.001	0.00006 ⁽¹¹⁾	0.0001 ⁽¹¹⁾	0.002 ⁽⁴⁾
TRH																	
C ₆ - C ₉	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	10	NC	NC	NC	NC
C ₁₀ - C ₁₄	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	50	NC	NC	NC	NC
C ₁₅ - C ₂₈	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	100	NC	NC	NC	NC
C ₂₉ - C ₃₆	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	100	NC	NC	NC	NC
BTEX																	
Benzene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	0.001	0.95	0.5	NC
Toluene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	0.8	NC	0.18 ^(L)	NC
Ethyl Benzene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	0.3	NC	0.08 ^(L)	NC
Xylene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0003	0.6	0.075 ^{(12) (L)}	NC	NC
PAHs																	
Total PAHs	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0016	NC	NC	NC	NC
Naphthalene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	0.016	0.05	NC
Acenaphthylene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Acenaphthene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Fluorene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Phenanthrene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	0.0006 ^(L)	0.0006 ^(L)	NC
Anthracene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	0.00001 ^(L)	0.00001 ^(L)	NC
Fluoranthene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	0.001 ^(L)	0.001 ^(L)	NC
Pyrene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Benzo[a]anthracene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Chrysene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Benzo[b,k]fluoranthene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0002	NC	NC	NC	NC
Benzo[a]pyrene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	0.00001	0.0001 ^(L)	0.0001 ^(L)	NC
Indeno[123-cd]pyrene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Dibenzo[ah]anthracene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Benzo[ghi]perylene	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	<PQL	0.0001	NC	NC	NC	NC
Faecal Coliforms (Col/100 mL)	NT	<20	NT	NT	NT	NT	NT	NT	NT	9200	NT	NT	1	NIL	NC	NC	<100 ⁽⁷⁾
Total Nitrogen	NT	1	NT	NT	NT	NT	NT	NT	NT	3.3	NT	NT	0.1	NC	0.05 ⁽¹⁾	0.03 ⁽²⁾	0.05 ⁽⁵⁾
Total Phosphorus	NT	1.1	NT	NT	NT	NT	NT	NT	NT	3.1	NT	NT	0.05	NC	0.05 ⁽¹⁾	0.03 ⁽²⁾	0.05 ⁽⁵⁾
Total Kjeldahl Nitrogen	NT	0.9	NT	NT	NT	NT	NT	NT	NT	3.2	NT	NT	0.1	NC	NC	NC	NC

Appendix D

Quality Assurance/Quality Control
Chain of Custody Sheets (Field and Dispatch)
Sample Receipts

**Quality Assurance/Quality Control
for Preliminary Contamination Assessment
Proposed Train Support Facility
Maitland Road and Woodlands Close, Hexham**

Quality Assurance (QA) was maintained by:

- Compliance with a Project Quality Plan written for the objectives of the study;
- Using qualified engineers/scientists to undertake the field supervision and sampling;
- Following the Douglas Partners Pty Ltd (DP) operating procedures for sampling, field testing and decontamination as presented in Table 1;
- Using NATA registered laboratories for sample testing, that generally utilise standard laboratory methods of the US EPA, the APHA and NSW EPA.

Table 1: Field Procedures

Abbreviation	Procedure Name
FPM LOG	Logging
FPM DECONT	Decontamination of Personnel and Equipment
FPM ENVID	Sample Identification, Handling, Transport and Storage of Contaminated Samples
FPM PIDETC	Operation of Field Analysers
FPM ENVSAMP	Sampling of Contaminated Soils

(from DP Field Procedures Manual)

Quality Control (QC) of the laboratory programme was achieved by the following means:

- Check replicate - a specific sample was split in the field, placed in separate containers and labelled with different sample numbers, and sent to the laboratory for analysis;
- Method blanks - the laboratory ran reagent blanks to confirm the equipment and standards used were uncontaminated;
- Laboratory replicates - the laboratory split samples internally and conducted tests on separate extracts;
- Laboratory spikes - samples were spiked by the laboratory with a known concentration of contaminants and subsequently tested for percent recovery.

DISCUSSION

A. Check Replicate

The Relative Percent Difference (RPD) between replicate results is used as a measure of laboratory reproducibility and is given by the following:-

$$\text{RPD} = \frac{\text{ABS (Replicate result 1 – Replicate result 2)}}{(\text{Replicate result 1} + \text{Replicate result 2})/2} \times 100$$

The RPD can have a value between 0% and 200%. An RPD data quality objective of up to 50% is generally considered to be acceptable for organic analysis, and 35% for inorganics (i.e. Metals).

A summary of the results of soil replicate QA/QC testing is provided in Table 2, below.

Table 2: Results of Quality Control Analysis for Soil

Analyte		BH107/ 0.8-1.0	Replicate BD103	RPD (%)	BH109/ 0.0-0.1	Replicate BD105	RPD (%)	TP124/ 0.0-0.05	Replicate BD106	RPD (%)	TP128/ 0.0-0.05	Replicate BD108	RPD (%)	TP140/ 0.1	Replicate BD116	RPD (%)	TP148/ 0.0-0.05	Replicate BD117	RPD (%)	TP168/ 0.0-0.02	Replicate BD121	RPD (%)
Metals	As	20	25	22	7	8	13	27	19	35	<3	<3	N/A	<3	<3	N/A	25	19	27	6	9	40
	Cd	0.7	1	35	0.4	0.4	0	0.5	0.6	18	<0.3	<0.3	N/A	<0.3	<0.3	N/A	0.93	0.7	28	<0.3	0.4	N/A
	Cr	8.3	12	36	1.8	1.9	5	6.2	11	56	0.8	0.7	13	2.5	1.9	27	9.1	7.6	18	6.3	7	11
	Cu	77	110	35	13	14	7	15	17	13	0.8	0.7	13	11	12	9	890	740	18	17	19	11
	Pb	120	160	29	21	26	21	29	32	10	6	7	15	9.5	8	17	88	100	13	15	17	13
	Hg	0.3	0.12	86	0.11	0.09	20	0.18	0.13	32	<0.05	<0.05	N/A	<0.05	<0.05	N/A	0.05	0.07	33	<0.05	<0.05	N/A
	Ni	19	33	54	3.6	3.8	5	7.8	29	115	0.6	0.6	0	6.1	4.9	22	22	19	15	9.6	11	14
	Zn	170	370	74	74	77	4	100	130	26	22	26	17	30	110	114	160	120	29	88	94	7
TRH	C ₆ - C ₉	<20	<20	N/A	<20	<20	N/A	<20	<20	N/A	<20	<20	N/A	<20	<20	N/A	<20	<20	N/A	<20	<20	N/A
	C ₁₀ - C ₁₄	26	21	21	90	39	79	<20	<20	N/A	<200	<200	N/A	<20	<20	N/A	<200	43	N/A	<20	<20	N/A
	C ₁₅ - C ₂₈	430	390	10	1100	520	72	140	190	30	8700	10000	14	54	110	68	650	600	8	<50	<50	N/A
	C ₂₉ - C ₃₆	200	300	40	500	300	50	71	76	7	8200	11000	29	<50	70	N/A	1600	790	68	58	<50	N/A
BTEX	Benzene	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A
	Toluene	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A
	Ethyl Benzene	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A	<0.5	<0.5	N/A
	Xylene	<1.5	<1.5	N/A	<1.5	<1.5	N/A	<1.5	<1.5	N/A	<1.5	<1.5	N/A	<1.5	<1.5	N/A	<1.5	<1.5	N/A	<1.5	<1.5	N/A
PAH	Total PAHs	<7.63	<7.95	N/A	<3.06	<3.38	N/A	<2.15	<2.49	N/A	<1.85	<2.06	N/A	<1.75	<1.59	N/A	<3.24	<3.82	N/A	<1.61	<1.56	N/A
	Benzo(a)pyrene	0.4	0.46	14	0.15	0.13	14	<0.05	0.05	N/A	<0.05	<0.05	N/A	<0.05	<0.05	N/A	0.14	0.12	15	0.05	0.05	0
PCBs		<0.90	<0.90	N/A	<0.90	<0.90	N/A	<0.90	<0.90	N/A	<9.00	<9.00	N/A	<0.90	<0.90	N/A	<0.90	<0.90	N/A	<0.90	<0.90	N/A
OPPs		<0.1	all <0.1	N/A	all <0.1	all <0.1	N/A	all <0.1	all <0.1	N/A	all <1	all <1	N/A	all <0.1	all <0.1	N/A	all <0.1	all <0.1	N/A	all <0.1	all <0.1	N/A
OCPs	Total OCPs	<0.1	all <0.1	N/A	all <0.1	all <0.1	N/A	all <0.1	all <0.1	N/A	all <1	all <1	N/A	all <0.1	all <0.1	N/A	all <0.1	all <0.1	N/A	all <0.1	all <0.1	N/A
	Aldrin + Dieldrin	<0.2	<0.2	N/A	<0.2	<0.2	N/A	<0.2	<0.2	N/A	<2	<2	N/A	<0.2	<0.2	N/A	<0.2	<0.2	N/A	<0.2	<0.2	N/A
	Chlordane	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<1	<1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A
	DDT	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<1	<1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A
	Heptachlor	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<1	<1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A	<0.1	<0.1	N/A

Notes to Table 2:

Results expressed in mg/kg on a dry weight basis

N/A – Not Applicable

NT – Not Tested

A summary of the results of water replicate QA/QC testing is provided in Table 3, below.

Table 3: Results of Quality Control Analysis for Water

Analyte		5	ReplicateBD 130	RPD (%)	SW201	ReplicateBD 201	RPD (%)
pH		6.7	6.7	0	7.3	7.3	0
Electrical Conductivity (µS/cm)		2600	2500	4	2300	2300	0
Total Dissolved Solids		NT	NT	N/A	1200000	1200000	0
Biochemical Oxygen Demand		<2000	<2000	N/A	5000	7000	33
Chemical Oxygen Demand		NT	NT	N/A	130000	85000	42
Total Kjeldahl Nitrogen		<200	<200	N/A	2600	2100	21
Total Nitrogen		<200	<200	N/A	2600	2100	21
Total Phosphorus		60	80	29	530	330	47
Anions	Ammonia (NH ₃) as N	NT	NT	N/A	330	320	3
	Nitrite (NO ₂ ⁻) as N	9	<5	N/A	10	10	0
	Nitrate (NO ₃ ⁻) as N	10	10	0	10	20	67
	NO _x (NO ₂ ⁻ + NO ₃ ⁻)	<10	<17	N/A	24	36	40
Metals	As	1	<1	N/A	1.2	1.6	29
	Cd	<0.1	<0.1	N/A	<0.1	<0.1	N/A
	Cr	<1	<1	N/A	<1	<1	N/A
	Cu	1.3	1.7	27	<1	<1	N/A
	Fe ²⁺	100	130	26	1100	950	15
	Ni	9.6	9.5	1	9.6	10	4
	Pb	<1	<1	N/A	<1	<1	N/A
	Zn	34	29	16	5.3	7.3	32
	Hg	<0.1	<0.1	N/A	<0.1	<0.1	N/A
TRH	C ₆ - C ₉	<20	<20	N/A	<40	<40	N/A
	C ₁₀ - C ₁₄	<40	<40	N/A	<40	<40	N/A
	C ₁₅ - C ₂₈	<100	<100	N/A	<100	<100	N/A
	C ₂₉ - C ₃₆	<100	<100	N/A	<100	<100	N/A
BTEX	Benzene	<1	<1	N/A	<1	<1	N/A
	Toluene	<1	<1	N/A	<1	<1	N/A
	Ethyl Benzene	<1	<1	N/A	<1	<1	N/A
	Xylene	<3	<3	N/A	<3	<3	N/A
PAHs	Total PAHs	<1.60	<1.60	N/A	<4.10	<1.50	N/A
	Benzo(a)pyrene	<0.1	<0.1	N/A	<0.1	<0.1	N/A
OPPs		all <0.001	all <0.001	N/A	all <0.01	all <0.01	N/A
OCPs	Total OCPs	all <0.01	all <0.01	N/A	all <0.1	all <0.1	N/A
	Aldrin + Dieldrin	all <0.001	all <0.001	N/A	all <0.01	all <0.01	N/A
	Chlordane	<0.001	<0.001	N/A	<0.01	<0.01	N/A
	DDT	<0.001	<0.001	N/A	<0.01	<0.01	N/A
	Heptachlor	<0.001	<0.001	N/A	<0.01	<0.01	N/A
PCBs		all <0.01	all <0.01	N/A	all <0.1	all <0.1	N/A
Faecal Coliforms (cfu/100 mL)		<1	NT	N/A	550	NT	N/A
Total Phosphorus		0.06	0.08	29	0.53	0.33	47

Notes to Table 3:

Results expressed in µg/L unless otherwise specified

N/A – Not Applicable

NT – Not Tested

RPDs for soil samples ranged from 0% to 115%. The majority of results are within acceptable limits, with the exception of the following elevated RPDs:

- BH107/0.8-1.0 and BD103:
 - o Mercury;
 - o Nickel;
 - o Zinc;
- BH109/0.0-0.1 and BD105:
 - o TRH (C₁₀ - C₁₄, C₁₅ - C₂₈, C₂₉ - C₃₆);
- TP124/0.0-0.05 and BD106:
 - o Chromium;
 - o Nickel;
- TP140/0.1 and BD116:
 - o Zinc;
 - o C₁₅ - C₂₈;
- TP168/0.0-0.02 and BD121:
 - o Arsenic.

The above samples were all filling materials, which generally comprised coal reject/chitter materials. The elevated RPDs may be attributed to the heterogeneity of filling materials, the type of filling encountered, together with relatively low contaminant concentrations present.

RPDs for water samples ranged from 0% to 67%. The majority of results are within acceptable limits, with the exception of an elevated RPD for surface water samples SW201 and BD2101 for Nitrate.

B. Method Blanks

All method blanks returned results lower than the laboratory detection limit, therefore are acceptable.

C. Laboratory Replicates

The average RPD for individual contaminants ranged from 0% to 84% and are generally considered to be within acceptable limits with the exception of duplicate sample 51. Laboratory notes concluded the result for Arsenic was outside the acceptance criteria due to sample heterogeneity.

D. Laboratory Spikes

Recoveries in the order of 70% to 130% are generally considered to be acceptable. The average percent recovery for individual organic contaminants ranged from 71% to 139% which is generally within the quality control objectives. Heptachlor (OCP) and Acenaphthene (PAH) recorded a recovery of 139%, which is in the range 60% to 140% accepted for organics by the laboratory. The results should however be qualified and may slightly under-estimate or over-estimate contaminant concentrations in certain samples (i.e. biased low or high respectively).

CONCLUSIONS

While some elevated RPDs were found for field duplicates and one laboratory duplicate, based on the heterogeneity of the fill materials and the relatively low concentration present the results are considered acceptable.

In summary, it is noted that the magnitude of RPDs for field replicates (i.e. blind replicates) are generally higher than those for laboratory replicates. Field replicate results generally show greater variability than laboratory replicates, because they measure both field and laboratory reproducibility.

The accuracy and precision of the soil testing procedures, as inferred by the QA/QC data is generally considered to be of sufficient standard to allow the data reported to be used to interpret site contamination conditions.

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 39798.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFK</u> Date: <u>1.04.08</u>	☒ <u>SLS</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
103	0.0-1		S	G/P	CFK	1.04.08	8.20.	Fridge 1, Bay 3.	✓	
	0.3-0.5									
	0.8-1.0									
	1.3-1.5									
	1.9-2.0									
	2.3-2.5									
	2.8-3.0									
✓	3.3-3.5									
102	0.0-1								✓	
	0.3-0.5									
	0.8-1.0	BD101								
	1.3-1.5									
	1.8-2.0									
	2.3-2.5									
	2.8-3.0									
✓	3.3-3.5									
101	0.0-1									
	0.3-0.5								✓	
	0.8-1.0									
	1.3-1.5									

Default containers for soil: glass = clear 125/250 mL with teflon liner; plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 31798.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFK</u> Date: <u>1.04.08</u>	☒ <u>SAS</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
101 cont	1.8-2.0		S	G, P	CFK	1.04.08		Fridge, Bay 3		
	2.3-2.5									
	2.8-3.0									
	3.3-3.5									
	3.8-4.0									
104	0.0-0.1									
	0.3-0.5									
	0.8-1.0	BP102							✓	
	1.3-1.5									
	1.8-2.0									
	2.3-2.5									
	2.8-3.0									
106 107	0.0-0.1									
	0.3-0.5									
	0.8-1.0	BP103							✓ - BP103	
	1.3-1.5									
	1.8-2.0									
	2.3-2.5									

Default containers for soil: glass = clear 125/250 ml. with teflon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Surren Rail
Project: Preliminary Contamination Assessment Project No: 31798-02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFK</u> Date: <u>2.04.08</u>	☒ <u>845</u> Date: <u>2.04.08</u>	
					By	Date	Time	Storage Location*		
108	0-0.1		S	G/p	CFK	2.04.08	8.18	Fridge 2/ Bag 3		
	0.3-0.5							✓	✓	
	0.8-1.0									
	1.3-1.5									
	1.8-2.0									
	2.3-2.5									
	2.8-3.0						10.10			
105	0-0.01									
	0.3-0.5	BD104								
	0.8-1.0									
	1.3-1.5									
	1.8-2.0								✓	
	2.3-2.5									
	2.8-3.0									
	3.3-3.5									
	3.8-4.0									
	4.3-4.5									
	4.8-5.0									
106	0-0.01						11.40		✓	
	0.4-0.5									

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge



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CHAIN OF CUSTODY FIELD SHEET

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 31798.02
Location: New England Hwy, Hexham

[illegible]

*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Proposed Re-development Project No: 39798.02
Location: 67 Maitland Road, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>LMC</u> Date: <u>2.4.08</u>	☒ <u>SGS</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
110	0.2		S	G/P	LMC	2.4.08		Fridge	✓	
↓	1.15									
↓	1.3	BD10								
↓	2.0									
↓	2.6									
111	0.1									
↓	0.8	BD11							✓	
↓	1.5									
↓	2.2									
↓	2.6									
112	0.2									
↓	0.7									
↓	1.8								✓	
↓	2.6									
113	0.1									
↓	0.5								✓	
↓	1.5	BD12								
↓	2.2									

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic - press seal bag

*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

[illegible]

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Client: Queensland Rail
Project: Proposed Redevelopment Project No: 34748.02
Location: 67 Maitland Road, Hexham

Field							DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>LMC</u> Date: <u>3.04.08</u>	
					By	Date	Time	Storage Location*	Date: <u>10.04.08</u>
160	0.1		S	G/P	LMC	3.4.08		Fridge.	
↓	0.6		↓	↓	↓	↓		↓	
↓	1.6		↓	↓	↓	↓		↓	
↓	2.8		↓	↓	↓	↓		↓	
↓	4.0		↓	↓	↓	↓		↓	✓
118	0.2		↓	↓	↓	↓		↓	
↓	1.0		↓	↓	↓	↓		↓	
↓	2.2		↓	↓	↓	↓		↓	
↓	3.5		↓	↓	↓	↓		↓	✓
119	0.2		↓	↓	↓	↓		↓	
↓	0.6		↓	↓	↓	↓		↓	
↓	1.0		↓	↓	↓	↓		↓	✓
↓	2.0		↓	↓	↓	↓		↓	
↓	3.5		↓	↓	↓	↓		↓	
↓	4.5		↓	↓	↓	↓		↓	
117	0.3		↓	↓	↓	↓		↓	
↓	1.0	BP113	↓	↓	↓	↓		↓	
↓	2.0		↓	↓	↓	↓		↓	✓
↓	3.5		↓	↓	↓	↓		↓	

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 31798.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>G.F.K.</u> Date: <u>3.04.08</u>	☒ <u>SCS</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
124	0.0-0.05	BD106	S	G, P.	G.F.K.	3.04.08	8.30	Fridge, Bay 4	✓ +BD106	
↓	0.5									
↓	1.0									
↓	1.6									
↓	2.0									
↓	2.5									
↓	3.0						9.25			
120	0.0-0.05								✓	
↓	0.5									
↓	1.1									
↓	2.0									
122	0.0-0.05						10.10		✓	
↓	0.5									
↓	1.1									
↓	1.5									
123	0.0-0.05						10.50			
↓	0.5									
↓	1.5									
↓	2.7									
↓	3.1									

Default containers for soil: glass = clear 125/250 mL with tetlon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge



Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 34798.02
Location: New England Hwy, Hexham

*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 39793.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFK</u> Date: <u>4.24.08</u>	☒ <u>843</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
129	0.0-0.05		S	G, P	CFK	4.24.08	7.40	Fridge 1, Bay 4.		
↓	0.3	BD107							✓	
↓	1.0									
↓	1.5									
↓	2.5									
↓	2.9									
128	0.0-0.05	BD108					8.15		✓ + BD108	
↓	0.5								✓	
↓	1.6									
↓	2.9									
121	0.0-0.05						9.10		✓	
↓	0.3									
↓	1.0									
↓	1.5									
↓	2.7									
127	0.0-0.05						9.40		✓	
↓	0.15									
↓	0.4									
↓	1.0									
↓	2.0									

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 31748.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	By	Date	Time	Received by: <u>CFK</u> Date: <u>4.04.08</u> Storage Location*	☒ <u>SGS</u> Date: <u>10.04.08</u>	
127 cont	3.2		S	G/P	CFK	4.04.08		Fridge, Bay 4		
125	0.0 - 0.05						10.25			
↓	0.5								✓	
↓	1.0									
✓	2.2						10.55			
126	0.0						10.55			
↓	0.5 - BD104								✓	
↓	0.7									
✓	1.1									
131	0.0 - 0.05						1.20 pm			
↓	0.3									
↓	0.8									
↓	0.9								✓	
↓	1.1								✓	
✓	1.3								✓	
132	0.0 - 0.05 BD114						2.00		✓	
133	0.0 - 0.05						2.30		✓	
↓	0.5									
↓	2.5									
139	0.0 - 0.05									

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

[illegible]

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Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 39778.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFR</u> Date: <u>7.04.08</u>	☒ <u>843</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
133	0.0 - 0.05		G	G, P	CFR	7.04.08	7.40	Fridge, Bay 4		
↓	0.4									
↓	1.0									
↓	2.8									
134	0.1								✓	
↓	0.5	BD115								
↓	1.2									
↓	2.0									
135	0.1									
136	0.0 - 0.05								✓	
↓	0.5									
↓	0.5									
140	0.1	BD116							✓ + BD116	
↓	0.75									
↓	0.9									
↓	1.5									
149	0.0									
↓	0.5								✓	
↓	0.95								✓	
150	0.1						11.20		✓	

Default containers for soil: glass - clear 125/250 mL with teflon liner; plastic - press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, oil water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 31798.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFR</u>	☒ <u>S&S</u>	
					By	Date	Time	Date: <u>7.04.08</u>	Date: <u>10.04.08</u>	
150 cont	0.5		S	G, P	CFR	7.04.08		Fridge, Bay 5	✓	
↓	1.0						↓			
↓	1.6						↓			
148	0.0-0.05	30117					12.50		✓ 480117	
↓	0.8						↓			
↓	1.0						↓			
↓	1.2						↓			
148A	0.0-0.05	6.00					12.15		✓	
146	0.0		S				↓			
↓	0.4						↓			
↓	0.7						↓			
↓	1.1						12.45		✓	
147	0.0-0.05						↓		✓	
↓	0.9						↓			
↓	1.5						1.30		✓	
151	0.0-0.05						↓			
↓	0.5						↓			
↓	0.9						↓			
151A	0.3						↓		✓	
153	0.0-0.05						3.15		✓	

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge



Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 39743 02
Location: New England Hung, Hexham

*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 39798.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFK</u> Date: <u>8.04.08</u>	☒ <u>SGS</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
157	0.2		S	G/p	CFK	8.04.08	8.15	Fridge, Bay 5		
	0.4									
	0.7									
	1.0									
	1.7									
153	0.1									
	0.6									
	1.3									
	1.75									
163	0.1									
	0.7									
	1.3									
	1.9									
164	0.0									
	0.4									
	1.0									
	1.5									
162	0.5									
	1.0									
	1.3									

Default containers for soil: glass = clear 125/250 mL with teflon liner; plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 31798.02
Location: New England Hwy, Hexham

Field								DP Office	Despatch	Notes
Sample ID	Depth (m)	Duplicate/ Replicate Sample	Sample Type S-soil W-water	Container Type G-glass P-plastic	Sampling			Received by: <u>CFR</u> Date: <u>8.04.08</u>	☒ <u>663</u> Date: <u>10.04.08</u>	
					By	Date	Time	Storage Location*		
167 cont	1.55		S	G/P	CFR	8.04.08		Fridge, Bags		
142	0.1						11.55		✓	
↓	0.5									
↓	1.1									
✓	1.5									
143	0.0	BD118							✓	
↓	0.65									
↓	1.3									
↓	1.8									
↓	2.3									
144	0.0									
↓	0.2									
↓	0.6	BD119								
↓	1.5									
✓	2.9									
141	0.0	BD120								
↓	0.8									
↓	1.3									
✓	1.9								✓	

Default containers for soil: glass = clear 125/250 mL with teflon liner; plastic = press seal bag
*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge

Client: Queensland Rail
Project: Preliminary Contamination Assessment Project No: 39798-02
Location: New England Hwy, Hexham

Sample ID	Depth (m)	Duplicate/ Replicate Sample	Field		Sampling			DP Office	Despatch	Notes
			Sample Type S-soil W-water	Container Type G-glass P-plastic	By	Date	Time	Received by: <u>CFK</u> Date: <u>9.04.08</u>	☒ <u>645</u> Date: <u>10.04.08</u>	
155	0.1		S	G/P	LMC	8.4.08		Fridge, Bay 3	✓	
	0.3		↓	↓	↓	↓		↓		
	0.6		↓	↓	↓	↓		↓		
156	0-0.05		↓	↓	↓	↓		↓	✓	
	0.3		↓	↓	↓	↓		↓		
154	0.05		S	G/P	LMC/CFK	9.4.08			✓	
	0.45		↓	↓	↓	↓		↓		
	0.9		↓	↓	↓	↓		↓		
165	0.0-0.05		↓	↓	↓	↓		↓	✓	
	0.1		↓	↓	↓	↓		↓	✓	
	0.2		↓	↓	↓	↓		↓		
166	0.0-0.02		↓	↓	↓	↓		↓	✓	
167	0.0-0.02		↓	↓	↓	↓		↓		
168	0.0-0.02		↓	↓	↓	↓		↓	✓ +BDI	
169	0.0-0.02		↓	↓	↓	↓		↓	✓	
	0.15		↓	↓	↓	↓		↓		
170	0.1		↓	↓	↓	↓		↓	✓	
	0.3		↓	↓	↓	↓		↓		

Default containers for soil: glass = clear 125/250 mL with teflon liner, plastic = press seal bag
Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge



Geotechnics • Environment • Groundwater

CHAIN OF CUSTODY FIELD SHEET

Client: Quarantined Rail
Project: Preliminary Contamination Assessment Project No: 39798.02
Location: New England Hwy, Hexham

[illegible]

*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge



Geplantes + Umwelt + Grundwasser

CHAIN OF CUSTODY FIELD SHEET

Client: Queensland Rail
Project: Preliminary Environmental Assessment Project No: 39748.02
Location: New England Hwy, Hexham

[illegible]

*Default storage: Glass containers in fridge, plastic containers shelved, all water samples in fridge



5095-78

Page 1 of 7

CHAIN OF CUSTODY DESPATCH SHEET

Project Name: Hexham
Project No: 39778-02 DP Order No: 71710
DP Contact Person: Matthew Blackbert / Catherine Kimpel
Prior Storage: esky / fridge / shelved (circle)

To: **SOS Australia PTY LTD**

Unit 16/33 Maddox Street

ALEXANDRIA NSW 2015

Ph: (02) 8594 0461

Attn: Angela

Sample ID	Date Sampled	Sample Type Soil Water	Lab ID	Analyses										TCLP	Notes	
				TRH	BTEX	Metals	PCBs	HAP's	OCF's	OPP's	Ambio	PH	Sediment			
#101/ 2-4-08	1-4-08	S	1	✓	✓	✓	✓	✓	✓	✓	✓	✓				
#102/ 2-3-05	1-4-08		2													Please note sampling date
#103/ 2-2-01	1-4-08		3									✓				+ arrange extraction ASAP.
#104/ 2-8-10	1-4-08		4										✓	✓	✓	
#105/ 1-8-20	2-4-08		5										✓	✓	✓	
#106/ 2-2-01	2-4-08		6									✓				
#107/ 2-3-10	1-4-08		7													
#108/ 2-3-05	2-4-08		8													
#109/ 2-2-01	2-4-08		9													
#110/ 2-2	2-4-08		10										✓	✓	✓	
#111/ 2-8	2-4-08		11										✓	✓	✓	
#112/ 2-10	2-4-08		12										✓	✓	✓	
PQL (S)		mg/kg														
PQL (W)		mg/L														

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)
- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg NDOther
Date relinquished: 10-04-08
Total number of samples in container: 77
Results required by: Standard
TAT (Circle): Standard 72 hr 48 hr 34 hr

SAMPLES RECEIVED
Please sign and date to acknowledge receipt of samples and return by fax
Signature: [Signature]
Date: 11-04-08 Lab Ref: F0210

Send results to:
Douglas Partners Pty Ltd
Address:
BOX 324 Hunter Region Mail Centre
NSW 2310
Fax: (02) 4960 9601

Project Name: Hetherington
 Project No: 29798.02 DP Order No: 71710
 DP Contact Person: Matthew Blackbert / Catherine Kemptel
 Prior Storage: asky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 18/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8594 0400
 Attn: Angela

Sample ID	Date Sampled	Sample Type Soil W-water	Lab ID	Analytes												Notes
				TRW	BTEX	Metals	PCB's	PAH's	OCF's	OPP's	Arsenic	pH	Sulphate	Chloride	TCLF	
IP13/03	2.4.08	S	13	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
IP14/01			14											✓	✓	
IP15/01			15											✓	✓	
IP16/01			16											✓	✓	
IP17/01			17											✓	✓	
IP18/01			18											✓	✓	
IP19/01	3.4.08		19											✓	✓	
IP20/01	3.4.08		20											✓	✓	
IP21/01	3.4.08		21											✓	✓	
IP22/01	3.4.08		22											✓	✓	
IP23/01	4.4.08		23											✓	✓	
IP24/01	3.4.08		24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
POL (S)		mg/kg														
POL (W)		mg/L														

POL = practical quantitation limit *As per Laboratory Method Detection Limit

- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other

Date relinquished: 10.04.08

Total number of samples in container: 77

Results required by: Standard

TAT (Circle): Standard 72 hr 48hr 24hr

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and return by fax

Signature: Angela

Date: 11.04.08 Lab Ref: 50180

Send results to:

Douglas Partners Pty Ltd

Address:

BOX 324 Hunter Region Mail Centre

NSW 2210

Fax: (02) 4980 9801

Project Name: Heddon
Project No: 39775 02 DP Order No: 21710
DP Contact Person: Matthew Blackett / Catherine Kempel
Prior Storage: esky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 16/35 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8594 0403
Attn: Angela

Sample ID	Date Sampled	Sample Type Soil W-water	Lab ID	Analytes												Notes	
				TRH	BTX	Metals	PCBs	PAHs	OCs	OPPs	Alkalinity	pH	Sulphate	Chloride	TCLP		
26 TP129/0.4-0.5	3.4.08	5	28	✓	✓	✓	✓	✓	✓	✓	✓	✓					
26 TP135/0.3	4.4.08		6									✓					
27 TP126/0.3			7									✓					
28 TP127/0.0-0.05			8									✓					
29 TP128/0.0-0.05			9									✓					
30 TP129/1.6			10														
31 TP129/1.0			1									✓	✓	✓	✓		
32 TP130/0.5	3.4.08		2									✓					
33 TP131/0.9	4.4.08		3									✓					
34 TP131/1.3			4														
35 TP132/0.0-0.05			5									✓					
36 TP134/0.1	7.4.08		6	✓	✓	✓	✓	✓	✓	✓	✓	✓					
FOL (S)		mg/kg															
FOL (W)		mg/L															

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)
- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other
Date relinquished: 10.04.08
Total number of samples in container: 77
Results required by: Standard
TAT (Circle): Standard 72 hr 48hr 24hr

SAMPLES RECEIVED
Please sign and date to acknowledge receipt of samples and return by fax
Signature: Kathleen Lewis
Date: 11.04.08 Lab Ref: 60180

Send results to:
Douglas Partners Pty Ltd
Address:
BOX 324 Hunter Region Mail Centre
NSW 2310
Fax: (02) 4960 9601

Project Name: Hebbon
Project No: 23798.02 DP Order No: 21710
DP Contact Person: Matthew Blackett / Catherine Kempel
Prior Storage: easy / fridge / shelved (circle)

To: SGS Australia Pty Ltd
Unit 16/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8584 0400
Attn: Angela

Sample ID	Date Sampled	Sample Type S-soil W-water	Lab ID	Analytes												Notes	
				TRH	BTEX	Metals	PCBs	PAHs	OCs	OPs	Phenols	pH	Sulphate	Chloride	TCLP		
TP135/ 0.0-0.5	4-4-08	S	37	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
TP136/ 0.5-1.0	7-4-08		4										✓				
TP138/ 0.0-0.05	3-4-08		9										✓				
TP139/ 2-5	4-4-08		43										✓				
TP140/ 0-1	7-4-08		1										✓				
TP141/ 1-2	8-4-08		✓										✓				
TP142/ 0-1	1		3										✓				
TP143/ 0-65	✓		2										✓	✓	✓	✓	
TP145/ 0-6	✓		5										✓	✓	✓	✓	
TP146/ 0-0	7-4-08		6										✓				
TP147/ 0-9	7-4-08		7										✓	✓	✓	✓	
TP148/ 0.0-0.0	7-4-08	✓	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PQL (S)		mg/kg															
PQL (W)		mg/L															

PQL = practical quantification limit *As per Laboratory Method (Detection Limit)
- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Uv Ni Other
Data relinquished: 10-04-08
Total number of samples in container: 77
Results required by: Standard
TAT (Circle): Standard 72hr 48hr 24hr

SAMPLES RECEIVED
Please sign and date to acknowledge receipt of samples and return by fax.
Signature: Angela
Date: 10/04/08 Lab Ref: 50180

Send results to:
Douglas Partners Pty Ltd
Address:
BOX 324 Hunter Region Mail Centre
NSW 2310
Fax: (02) 4960 9601

Project Name: Flexham
 Project No: 39798.02 DP Order No: 71710
 DP Contact Person: Matthew Blackart / Catherine Koppel
 Prior Storage: esky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 18/18 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8594 0400
 Attn: Angela

Sample ID	Date Sampled	Sample Type Soil Water	Lab ID	Analytes											Notes	
				TRH	BTX	Metals	PCB's	PAH's	GOP's	OPP's	Herbicides	PH	Sulphate	Chloride		TCLP
TP149/045	7.04.08	S	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
TP150/045			5											✓	✓	✓
TP151/045			6													
TP152/045			7													
TP153/045			8													
TP154/045			9													
TP155/045			10													
TP156/045			11													
TP157/045			12													
TP158/045			13													
TP159/045			14													
TP160/045			15													
POL (S)		mg/kg														
POL (W)		mg/l														

POL = practical quantitation limit *As per Laboratory Method (Detection Limit)
 # - Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other
 Date relinquished: 10.04.08
 Total number of samples in container: 77
 Results required by: Standard
 TAT (Circle): Standard 72 hr 48 hr 24 hr

SAMPLES RECEIVED
 Please sign and date to acknowledge receipt of samples and return by fax.
 Signature: [Signature]
 Date: 10/04/08 Lab Ref: 60180

Send results to:
 Douglas Partners Pty Ltd
 Address:
 BOX 324 Hunter Region Mail Centre
 NSW 2310
 Fax: (02) 4990 6601

Project Name: Herbham
Project No: 27798 DE DP Order No: 71710
DP Contact Person: Matthew Blackbert / Catherine Kempster
Prior Storage: esky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 18/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8894 0400
Attn: Angela

Sample ID	Date Sampled	Sample Type S-sed W-water	Lab ID	Analytes										pH / EC	Support Chloride	TCLP	Notes
				TRH	BTEX	Metals	PCB's	PAH's	OCF's	OPP's	Antibiot						
61 <u>TP163</u>	<u>8.04.08</u>	<u>5</u>	<u>61</u>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
62 <u>TP164</u>	<u>0.4</u>												✓				
63 <u>TP164</u>	<u>1.0</u>												✓				
64 <u>TP165</u>	<u>9.04.08</u>																
65 <u>TP166</u>	<u>0.0-0.02</u>																
66 <u>TP168</u>	<u>0.0-0.02</u>																
67 <u>TP169</u>	<u>0.0-0.02</u>																
68 <u>BD103</u>	<u>1.4.08</u>																
70 <u>BD105</u>	<u>2.4.08</u>																
71 <u>BD106</u>	<u>3.4.08</u>																
72 <u>BD108</u>	<u>4.4.08</u>																
PQL (S)		<u>mg/kg</u>															
PQL (W)		<u>mg/L</u>															

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)

- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other

Date relinquished: 10.04.08

Total number of samples in container: 77

Results required by: Standard

TAT (Circle): Standard 72 hr 48hr 24hr

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and return by fax

Signature: [Signature]

Date: 11.04.08 Lab Ref: 60110

Send results to:

Douglas Partners Pty Ltd

Address:

BOX 324 Hunter Region Mail Centre

NSW 2310

Fax: (02) 4960 9801

Project Name: Hochmans
Project No: 24798.02 DP Order No: 71710
DP Contact Person: Matthew Blackart / Catherine Campbell
Prior Storage: esky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 16/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8594 0400
Attn: Angela

Sample ID	Date Sampled	Sample Type Soil Water	Lab ID	Analytes										Notes		
				THH	BTX	Metals	PCB's	PAH's	OCF's	OPF's	Asbestos	pH	EC		Chlorides	TCLP
BD116	7.4.08	S	77	✓	✓	✓	✓	✓	✓	✓	✓					
BD117	7.4.08			↓	↓	↓	↓	↓	↓	↓	↓					
BD121	9.4.08	↓		↓	↓	↓	↓	↓	↓	↓	↓					
1484/100	7.4.08	flwr	76									✓				
1534/100	7.4.08	flwr	77									✓				
POL (S)		mg/kg														
POL (W)		mg/L														

POL = practical quantitation limit *As per Laboratory Method (Detection Limit)
- Metals to Analyse (Please circle) As Cd Cr Cu Pb Zn Hg Ni Other
Date relinquished: 10.04.08
Total number of samples in container: 77
Results required by: Standard
TAT (Circle): Standard 72 hr 48hr 24hr

SAMPLES RECEIVED
Please sign and date to acknowledge receipt of samples and return by fax.
Signature: Angela
Date: 10.04.08 Lab Ref: 60180

Send results to:
Douglas Partners Pty Ltd
Address:
BOX 324 Hunter Region Mail Centre
NSW 2310
Fax (02) 4960 9601

CHAIN OF CUSTODY DESPATCH SHEET

Project Name: Hexham
Project No: 599502 DP Order No: 71715
DP Contact Person: Mathew Blackett / Catherine Roper
Prior Storage: esky (fridge / shelved (circle))

To: SGS Australia PTY LTD
Unit 16/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8564 0400
Attn: Angela

Sample ID	Date Sampled	Sample Type S-soil W-water	Lab ID	Analytes												Notes
				TRH	BTEX	Metals + PC	PCB's	PAH's	OCF's OPB's PCB	OH EC	THM THP	BOB COB	TDS	TCLP		
SW201	14/04/08	SW	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
SW202			2													
SW203			3													
SW204			4													
SW205			5													
SW206			6													
SW207			7													
SW208			8													
SW209			9													
SW210			10													
SW211			11													
BD201			12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
PQL (S)		mg/kg														
PQL (W)		mg/L														

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)
- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other
Date relinquished: 15/04/08
Total number of samples in container: 12
Results required by: Standard
TAT (Circle): 72 hr 48hr 24hr

SAMPLES RECEIVED
Please sign and date to acknowledge receipt of samples and return by fax
Signature: [Signature]
Date: 16/04/08 Lab Ref: 60286

Send results to:
Douglas Partners Pty Ltd
Address:
BOX 324 Hunter Region Mail Centre
NSW 2310
Fax: (02) 4960 9601

Project Name: H. Oxham
Project No: 297802 DP Order No: 71722
DP Contact Person: Matthew Blackett / Catherine Karpis
Prior Storage: esky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 16/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8594 0400

Attn: Angela

Sample ID	Date Sampled	Sample Type S-soil W-water	Lab ID	Analytes											Notes
				TRH	BTEX	Metals Fe	PCB's	PAH's	OCP's DDE's DDT's	pH EC	TKN TN TP	BOD		TCLP	
101	16-4-08	W		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Analysis to ANTEC
102															
103															
104															
105															
106															
107															
108															
109															
2															
3															
5															
PQL (S)		mg/kg													
PQL (W)		mg/L													

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)
- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other
Date relinquished: 17/4/08
Total number of samples in container: 14
Results required by:
TAT (Circle): Standard 72 hr 48 hr 24 hr

SAMPLES RECEIVED
Please sign and date to acknowledge receipt of samples and return by fax:
Signature: [Signature]
Date: 18/4/08 Lab Ref: 87349

Send results to:
Douglas Partners Pty Ltd
Address:
BOX 324 Hunter Region Mail Centre
NSW 2310
Fax: (02) 4060 9001

CHAIN OF CUSTODY DESPATCH SHEET

Project Name: Wetland
Project No: 27793-03 DP Order No: 71732
DP Contact Person: Michaela Blawie / Corinne Kamp
Prior Storage: esky / fridge / shelved (circle)

To: SGS Australia PTY LTD
Unit 16/33 Maddox Street
ALEXANDRIA NSW 2015
Ph: (02) 8594 0400

Attn: Angela

[illegible]



Project Name: Hoxham
Project No: 33718.02 DP Order No: 2141
DP Contact Person: Matthew Rickett / Catherine Rempel
Prior Storage: esky / fridge / shelved (circle)

To: Ecowise
5/81 Giggins Rd
Heatherbroke NSW 2324
Ph: 4987 4150
Attn: Neena

Sample ID	Date Sampled	Sample Type S-soil W-water	Lab ID	Analytes										TCLP	Notes
SW201	14-04-08	W													
SW202															
SW203															
SW204															
SW206															
SW207															
SW210															
SW211															
PQL (S)		mg/kg													
PQL (W)		mg/L													

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)
 # - Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other
 Date relinquished: 14-04-08
 Total number of samples in container: 8
 Results required by: 74hr
 TAT (Circle): Standard 72 hr 48hr **24hr**

SAMPLES RECEIVED
 Please sign and date to acknowledge receipt of samples and return by fax
 Signature: Neelma Tewari
 Date: 14/04 Lab Ref: 1107051

Send results to:
 Douglas Partners Pty Ltd
 Address:
 BOX 324 Hunter Region Mail Centre
 NSW 2310
 Fax: (02) 4960 9601

A, DU 8M



CHAIN OF CUSTODY DESPATCH SHEET

Project Name: Hexham To: Eccaise
 Project No: 39798-02 DP Order No: 77716
 DP Contact Person: Catherine Karpel / Matthew Blackore
 Prior Storage: esky / fridge / shelved (circle) Ph: 4989 4150

Attn: _____

Sample ID	Date Sampled	Sample Type S-soil W-water	Lab ID	Analytes												TCLP	Notes
101	16-4-08	W		✓													
102				✓													
103				✓													
104				✓													
105				✓													
106				✓													
107				✓													
108				✓													
109				✓													
2				✓													
3				✓													
5				✓													
PQL (S)		mg/kg															
PQL (W)		mg/L															

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)

- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other

Date relinquished: 16-4-08

Total number of samples in container: 13

Results required by: ASAP

TAT (Circle): Standard 72 hr 48 hr 24hr

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and return by fax

Signature: [Signature]

Date: 16/4/08 Lab Ref: H07038

Send results to:

Douglas Partners Pty Ltd

Address:

BOX 324 Hunter Region Mail Centre

NSW 2310

Fax: (02) 4960 9601

**CHAIN OF CUSTODY DESPATCH SHEET**

Project Name: Herdman
Project No: 399802 DP Order No: 71716
DP Contact Person: Catherine Karpel / Matthew Blackart
Prior Storage: esky / fridge / shelved (circle)

To: Econrise
5101 Giggan Rd
Hanford, CA 93234
Ph: 49874150

[illegible]

PQL = practical quantitation limit *As per Laboratory Method (Detection Limit)

- Metals to Analyse (Please circle): As Cd Cr Cu Pb Zn Hg Ni Other

Date relinquished: 16408

Total number of samples in container: 13

Results required by: ASAP

TAT (Circle): Standard 72 hr 48hr 24hr

SAMPLES RECEIVED

Please sign and date to acknowledge receipt of samples and return by fax

Signature:

Date: 16/4/58 Lab Ref: H07058

Send results to:

Douglas Partners Pty Ltd

Address:

BOX 324 Hunter Region Mail Centre

NSW 2310

Fax: (02) 4960 9601



SGS Environmental Services
Unit 16, 33 Maddox St. Alexandria NSW 2015
Telephone Number : (+61 2) 8594 0400
Fax Number : (+61 2) 8594 0499

SAMPLE RECEIPT CONFIRMATION

COMPANY	:	Douglas Partners Pty Ltd	FAX NO.	:	02 4960 9601
ATTENTION	:	Matthew Blackert	PAGES	:	1
FROM	:	Sample Receipt	DATE	:	11/04/08

This is to confirm that samples for Project **39798.02, Hexham** were received on **11/04/08** the results are expected to be ready on **18/04/2008**. Please quote SGS Reference: **60180** when making enquiries regarding this project. Please refer to below which details information about the integrity of the samples and other useful information.

Samples will be held for 1 month for water samples and 2 months for soil samples from date of receipt of samples, unless otherwise instructed.

Samples received in good order:	YES
Samples received in correct containers:	YES
Samples received without headspace:	YES
Sufficient quantity supplied:	YES
Upon receipt sample temperature:	Cool
Cooling Method:	Ice
Sample containers provided by:	SGS
Samples Clearly Labelled:	YES
Turnaround time requested:	Standard
Completed documentation received:	YES

Comments:

Terms and conditions are available from www.au.sgs.com

The signed chain of custody will be returned to you with the original report.

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SGS Environmental Services
Unit 16, 33 Maddox St. Alexandria NSW 2015
Telephone Number : (+61 2) 8694 0400
Fax Number : (+61 2) 8694 0499

SAMPLE RECEIPT CONFIRMATION

COMPANY	:	Douglas Partners Pty Ltd	FAX NO.	:	02 4960 9601
ATTENTION	:	Matthew Blackett	PAGES	:	1
FROM	:	Sample Receipt	DATE	:	16/04/08

This is to confirm that samples for Project **39798.02, Hexham** were received on **16/4/08** the results are expected to be ready on **28/04/2008**. Please quote SGS Reference: **60286** when making enquiries regarding this project. Please refer to below which details information about the integrity of the samples and other useful information.

Samples will be held for 1 month for water samples and 2 months for soil samples from date of receipt of samples, unless otherwise instructed.

Samples received in good order:	YES
Samples received in correct containers:	YES
Samples received without headspace:	YES
Sufficient quantity supplied:	YES
Upon receipt sample temperature:	Cool
Cooling Method:	Ice
Sample containers provided by:	SGS
Samples Clearly Labelled:	YES
Turnaround time requested:	Standard
Completed documentation received:	YES

Comments:

BOD & NOX subcontracted to Labpoint.
Extra sample BD202 received (SGS Ref:60288-13)
Terms and conditions are available from www.au.sgs.com

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SGS Environmental Services
Unit 16, 33 Maddox St. Alexandria NSW 2015
Telephone Number : (+61 2) 8594 0400
Fax Number : (+61 2) 8594 0499

SAMPLE RECEIPT CONFIRMATION

COMPANY	:	Douglas Partners Pty Ltd	FAX NO.	:	02 4860 9601
ATTENTION	:	Matthew Blackert	PAGES	:	1
FROM	:	Sample Receipt	DATE	:	21/04/08

This is to confirm that samples for Project **39798.02, Hexham** were received on **18/04/08** the results are expected to be ready on **28/04/2008**. Please quote SGS Reference: **60349** when making enquiries regarding this project. Please refer to below which details information about the integrity of the samples and other useful information.

Samples will be held for 1 month for water samples and 2 months for soil samples from date of receipt of samples, unless otherwise instructed.

Samples received in good order:	YES
Samples received in correct containers:	YES
Samples received without headspace:	YES
Sufficient quantity supplied:	YES
Upon receipt sample temperature:	Cool
Cooling Method:	Ice
Sample containers provided by:	SGS
Samples Clearly Labelled:	YES
Turnaround time requested:	Standard
Completed documentation received:	YES

Comments:

OC/OP/PCB & NOX-subcontracted to NMI.
Instrument failure (IC) at SGS.
Terms and conditions are available from www.au.sgs.com

The signed chain of custody will be returned to you with the original report.

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