

CERTIFICATE OF ANALYSIS DEMO

Client:

MPL Laboratories
16-18 Hayden Court
Myaree
WA 6153

Attention: Tania Notaras

Sample log in details:

Your Reference:
No. of samples:
Date samples received:
Date completed instructions received:

Test Report

8 Soils, 2 Waters
20/5/10
20/5/10

Analysis Details:

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

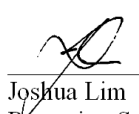
Report Details:

Date results requested by: 27/05/10
Date of Preliminary Report: Not issued
Issue Date: 27/05/10

NATA accreditation number 9804. This document shall not be reproduced except in full. This document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC 17025.

Tests not covered by NATA are denoted with *.

Results Approved By:



Joshua Lim
Reporting Supervisor

MPL Reference: DEMO
Revision No: R 00

Client Reference: Test Report

| vTPH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-1 Sample 1 0.0-0.15 18/05/2010 Soil | DEMO-2 Sample 2 0.0-0.15 18/05/2010 Soil | DEMO-3 Sample 3 0.0-0.15 18/05/2010 Soil | DEMO-4 Sample 4 0.0-0.15 18/05/2010 Soil | DEMO-5 Sample 5 0.0-0.15 18/05/2010 Soil |
|--|-------------------------|--|--|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 21/5/10 | 21/5/10 | 21/5/10 | 21/5/10 | 21/5/10 |
| vTPH C ₆ - C ₉ | mg/kg | <25 | <25 | <25 | <25 | <25 |
| 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 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| m+p-xylene | mg/kg | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| o-Xylene | mg/kg | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| Surrogate aaa-Trifluorotoluene | % | 100 | 100 | 100 | 100 | 100 |

| vTPH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-6 Sample 6 0.0-0.15 18/05/2010 Soil | DEMO-7 Sample 7 0.0-0.15 18/05/2010 Soil | DEMO-8 Sample 8 0.0-0.15 18/05/2010 Soil |
|--|-------------------------|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 21/5/10 | 21/5/10 | 21/5/10 |
| vTPH C ₆ - C ₉ | mg/kg | <25 | <25 | <25 |
| Benzene | mg/kg | <0.5 | <0.5 | <0.5 |
| Toluene | mg/kg | <0.5 | <0.5 | <0.5 |
| Ethylbenzene | mg/kg | <1.0 | <1.0 | <1.0 |
| m+p-xylene | mg/kg | <2.0 | <2.0 | <2.0 |
| o-Xylene | mg/kg | <1.0 | <1.0 | <1.0 |
| Surrogate aaa-Trifluorotoluene | % | 100 | 100 | 100 |

Client Reference: Test Report

| sTPH in Soil (C10-C36) Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-1 Sample 1 0.0-0.15 18/05/2010 Soil | DEMO-2 Sample 2 0.0-0.15 18/05/2010 Soil | DEMO-3 Sample 3 0.0-0.15 18/05/2010 Soil | DEMO-4 Sample 4 0.0-0.15 18/05/2010 Soil | DEMO-5 Sample 5 0.0-0.15 18/05/2010 Soil |
|---|-------------------------|--|--|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 | 22/5/10 | 22/5/10 | 22/5/10 |
| TPH C10 - C14 | mg/kg | <50 | <50 | <50 | <50 | <50 |
| TPH C15 - C28 | mg/kg | <100 | <100 | <100 | <100 | <100 |
| TPH C29 - C36 | mg/kg | <100 | <100 | <100 | <100 | <100 |
| Surrogate o-Terphenyl | % | 102 | 102 | 102 | 102 | 102 |

| sTPH in Soil (C10-C36) Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-6 Sample 6 0.0-0.15 18/05/2010 Soil | DEMO-7 Sample 7 0.0-0.15 18/05/2010 Soil | DEMO-8 Sample 8 0.0-0.15 18/05/2010 Soil |
|---|-------------------------|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 | 22/5/10 |
| TPH C10 - C14 | mg/kg | <50 | <50 | <50 |
| TPH C15 - C28 | mg/kg | <100 | <100 | <100 |
| TPH C29 - C36 | mg/kg | <100 | <100 | <100 |
| Surrogate o-Terphenyl | % | 102 | 102 | 102 |

Client Reference: Test Report

| PAHs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-1 Sample 1 0.0-0.15 18/05/2010 Soil | DEMO-2 Sample 2 0.0-0.15 18/05/2010 Soil | DEMO-3 Sample 3 0.0-0.15 18/05/2010 Soil | DEMO-4 Sample 4 0.0-0.15 18/05/2010 Soil | DEMO-5 Sample 5 0.0-0.15 18/05/2010 Soil |
|---|-------------------------|--|--|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 21/5/10 | 21/5/10 | 21/5/10 | 21/5/10 | 21/5/10 |
| Naphthalene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Acenaphthylene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Acenaphthene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Fluorene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Phenanthrene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Anthracene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Fluoranthene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Pyrene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Benzo(a)anthracene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Chrysene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Benzo(b)fluoranthene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Benzo(k)fluoranthene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Benzo(a)pyrene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Indeno(1,2,3-c,d)pyrene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Dibenzo(a,h)anthracene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Benzo(g,h,i)perylene | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| p-Terphenyl-D14 | % | 96 | 96 | 96 | 96 | 96 |

Client Reference: Test Report

| PAHs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-6 Sample 6 0.0-0.15 18/05/2010 Soil | DEMO-7 Sample 7 0.0-0.15 18/05/2010 Soil | DEMO-8 Sample 8 0.0-0.15 18/05/2010 Soil |
|---|-------------------------|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 21/5/10 | 21/5/10 | 21/5/10 |
| Naphthalene | mg/kg | <0.1 | <0.1 | <0.1 |
| Acenaphthylene | mg/kg | <0.1 | <0.1 | <0.1 |
| Acenaphthene | mg/kg | <0.1 | <0.1 | <0.1 |
| Fluorene | mg/kg | <0.1 | <0.1 | <0.1 |
| Phenanthrene | mg/kg | <0.1 | <0.1 | <0.1 |
| Anthracene | mg/kg | <0.1 | <0.1 | <0.1 |
| Fluoranthene | mg/kg | <0.1 | <0.1 | <0.1 |
| Pyrene | mg/kg | <0.1 | <0.1 | <0.1 |
| Benzo(a)anthracene | mg/kg | <0.1 | <0.1 | <0.1 |
| Chrysene | mg/kg | <0.1 | <0.1 | <0.1 |
| Benzo(b)fluoranthene | mg/kg | <0.1 | <0.1 | <0.1 |
| Benzo(k)fluoranthene | mg/kg | <0.1 | <0.1 | <0.1 |
| Benzo(a)pyrene | mg/kg | <0.1 | <0.1 | <0.1 |
| Indeno(1,2,3-c,d)pyrene | mg/kg | <0.1 | <0.1 | <0.1 |
| Dibenzo(a,h)anthracene | mg/kg | <0.1 | <0.1 | <0.1 |
| Benzo(g,h,i)perylene | mg/kg | <0.1 | <0.1 | <0.1 |
| p-Terphenyl-D14 | % | 96 | 96 | 96 |

MPL Reference: DEMO
Revision No: R 00



Client Reference: Test Report

| Organochlorine Pesticides in soil | | DEMO-1 | DEMO-2 | DEMO-3 | DEMO-4 | DEMO-5 |
|-----------------------------------|-------|------------|------------|------------|------------|------------|
| Our Reference: | UNITS | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Sample 5 |
| Your Reference | ----- | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 |
| Depth | ----- | 18/05/2010 | 18/05/2010 | 18/05/2010 | 18/05/2010 | 18/05/2010 |
| Date Sampled | | Soil | Soil | Soil | Soil | Soil |
| Type of sample | | | | | | |
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 | 22/5/10 | 22/5/10 | 22/5/10 |
| HCB | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| alpha-BHC | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| gamma-BHC | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| beta-BHC | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Heptachlor | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| delta-BHC | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Aldrin | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Heptachlor Epoxide | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| gamma-Chlordane | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| alpha-chlordane | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Endosulfan I | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| pp-DDE | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Dieldrin | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Endrin | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| pp-DDD | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Endosulfan II | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| pp-DDT | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Endrin Aldehyde | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Endosulfan Sulphate | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Methoxychlor | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Surrogate TCLMX | % | 99 | 99 | 99 | 99 | 99 |

Client Reference: Test Report

| Organochlorine Pesticides in soil | UNITS | DEMO-6 | DEMO-7 | DEMO-8 |
|-----------------------------------|-------|------------|------------|------------|
| Our Reference: | ----- | Sample 6 | Sample 7 | Sample 8 |
| Your Reference | ----- | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 |
| Depth | | 18/05/2010 | 18/05/2010 | 18/05/2010 |
| Date Sampled | | Soil | Soil | Soil |
| Type of sample | | | | |
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 | 22/5/10 |
| HCB | mg/kg | <0.1 | <0.1 | <0.1 |
| alpha-BHC | mg/kg | <0.1 | <0.1 | <0.1 |
| gamma-BHC | mg/kg | <0.1 | <0.1 | <0.1 |
| beta-BHC | mg/kg | <0.1 | <0.1 | <0.1 |
| Heptachlor | mg/kg | <0.1 | <0.1 | <0.1 |
| delta-BHC | mg/kg | <0.1 | <0.1 | <0.1 |
| Aldrin | mg/kg | <0.1 | <0.1 | <0.1 |
| Heptachlor Epoxide | mg/kg | <0.1 | <0.1 | <0.1 |
| gamma-Chlordane | mg/kg | <0.1 | <0.1 | <0.1 |
| alpha-chlordane | mg/kg | <0.1 | <0.1 | <0.1 |
| Endosulfan I | mg/kg | <0.1 | <0.1 | <0.1 |
| pp-DDE | mg/kg | <0.1 | <0.1 | <0.1 |
| Dieldrin | mg/kg | <0.1 | <0.1 | <0.1 |
| Endrin | mg/kg | <0.1 | <0.1 | <0.1 |
| pp-DDD | mg/kg | <0.1 | <0.1 | <0.1 |
| Endosulfan II | mg/kg | <0.1 | <0.1 | <0.1 |
| pp-DDT | mg/kg | <0.1 | <0.1 | <0.1 |
| Endrin Aldehyde | mg/kg | <0.1 | <0.1 | <0.1 |
| Endosulfan Sulphate | mg/kg | <0.1 | <0.1 | <0.1 |
| Methoxychlor | mg/kg | <0.1 | <0.1 | <0.1 |
| Surrogate TCLMX | % | 99 | 99 | 99 |

Client Reference: Test Report

| PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-1 Sample 1 0.0-0.15 18/05/2010 Soil | DEMO-2 Sample 2 0.0-0.15 18/05/2010 Soil | DEMO-3 Sample 3 0.0-0.15 18/05/2010 Soil | DEMO-4 Sample 4 0.0-0.15 18/05/2010 Soil | DEMO-5 Sample 5 0.0-0.15 18/05/2010 Soil |
|---|-------------------------|--|--|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 | 22/5/10 | 22/5/10 | 22/5/10 |
| 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 |
| Surrogate TCLMX | % | 99 | 99 | 99 | 99 | 99 |

| PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-6 Sample 6 0.0-0.15 18/05/2010 Soil | DEMO-7 Sample 7 0.0-0.15 18/05/2010 Soil | DEMO-8 Sample 8 0.0-0.15 18/05/2010 Soil |
|---|-------------------------|--|--|--|
| Date extracted | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 | 22/5/10 |
| Arochlor 1016 | mg/kg | <0.1 | <0.1 | <0.1 |
| Arochlor 1221* | mg/kg | <0.1 | <0.1 | <0.1 |
| Arochlor 1232 | mg/kg | <0.1 | <0.1 | <0.1 |
| Arochlor 1242 | mg/kg | <0.1 | <0.1 | <0.1 |
| Arochlor 1248 | mg/kg | <0.1 | <0.1 | <0.1 |
| Arochlor 1254 | mg/kg | <0.1 | <0.1 | <0.1 |
| Arochlor 1260 | mg/kg | <0.1 | <0.1 | <0.1 |
| Surrogate TCLMX | % | 99 | 99 | 99 |

Client Reference: Test Report

| 13 metals in soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-1 Sample 1 0.0-0.15 18/05/2010 Soil | DEMO-2 Sample 2 0.0-0.15 18/05/2010 Soil | DEMO-3 Sample 3 0.0-0.15 18/05/2010 Soil | DEMO-4 Sample 4 0.0-0.15 18/05/2010 Soil | DEMO-5 Sample 5 0.0-0.15 18/05/2010 Soil |
|--|-------------------------|--|--|--|--|--|
| Date digested | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 23/5/10 | 23/5/10 | 23/5/10 | 23/5/10 | 23/5/10 |
| Arsenic | mg/kg | <2 | <2 | <2 | <2 | <2 |
| Cadmium | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Chromium | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Copper | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Lead | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Mercury | mg/kg | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| Nickel | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Zinc | mg/kg | <5 | <5 | <5 | <5 | <5 |
| Antimony | mg/kg | <2 | <2 | <2 | <2 | <2 |
| Manganese | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Barium | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Cobalt | mg/kg | <1 | <1 | <1 | <1 | <1 |
| Tin | mg/kg | <5 | <5 | <5 | <5 | <5 |

| 13 metals in soil Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-6 Sample 6 0.0-0.15 18/05/2010 Soil | DEMO-7 Sample 7 0.0-0.15 18/05/2010 Soil | DEMO-8 Sample 8 0.0-0.15 18/05/2010 Soil |
|--|-------------------------|--|--|--|
| Date digested | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 23/5/10 | 23/5/10 | 23/5/10 |
| Arsenic | mg/kg | <2 | <2 | <2 |
| Cadmium | mg/kg | <0.1 | <0.1 | <0.1 |
| Chromium | mg/kg | <1 | <1 | <1 |
| Copper | mg/kg | <1 | <1 | <1 |
| Lead | mg/kg | <1 | <1 | <1 |
| Mercury | mg/kg | <0.02 | <0.02 | <0.02 |
| Nickel | mg/kg | <1 | <1 | <1 |
| Zinc | mg/kg | <5 | <5 | <5 |
| Antimony | mg/kg | <2 | <2 | <2 |
| Manganese | mg/kg | <1 | <1 | <1 |
| Barium | mg/kg | <1 | <1 | <1 |
| Cobalt | mg/kg | <1 | <1 | <1 |
| Tin | mg/kg | <5 | <5 | <5 |

Client Reference: Test Report

| | | | | | | |
|----------------|-------|------------|------------|------------|------------|------------|
| Moisture | | | | | | |
| Our Reference: | UNITS | DEMO-1 | DEMO-2 | DEMO-3 | DEMO-4 | DEMO-5 |
| Your Reference | ----- | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Sample 5 |
| Depth | ----- | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 |
| Date Sampled | | 18/05/2010 | 18/05/2010 | 18/05/2010 | 18/05/2010 | 18/05/2010 |
| Type of sample | | Soil | Soil | Soil | Soil | Soil |
| Date prepared | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 | 20/5/10 |
| Moisture | % | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |

| | | | | |
|----------------|-------|------------|------------|------------|
| Moisture | | | | |
| Our Reference: | UNITS | DEMO-6 | DEMO-7 | DEMO-8 |
| Your Reference | ----- | Sample 6 | Sample 7 | Sample 8 |
| Depth | ----- | 0.0-0.15 | 0.0-0.15 | 0.0-0.15 |
| Date Sampled | | 18/05/2010 | 18/05/2010 | 18/05/2010 |
| Type of sample | | Soil | Soil | Soil |
| Date prepared | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Date analysed | - | 20/5/10 | 20/5/10 | 20/5/10 |
| Moisture | % | <0.10 | <0.10 | <0.10 |

Client Reference: Test Report

| Asbestos ID - soils Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-1 Sample 1 0.0-0.15 18/05/2010 Soil | DEMO-2 Sample 2 0.0-0.15 18/05/2010 Soil | DEMO-3 Sample 3 0.0-0.15 18/05/2010 Soil | DEMO-4 Sample 4 0.0-0.15 18/05/2010 Soil | DEMO-5 Sample 5 0.0-0.15 18/05/2010 Soil |
|--|-------------------------|--|--|--|--|--|
| Date analysed | - | 23/5/10 | 23/5/10 | 23/5/10 | 23/5/10 | 23/5/10 |
| Sample Description | - | 40g Soil | 40g Soil | 40g Soil | 40g Soil | 40g Soil |
| Asbestos ID in soil | - | No asbestos found at reporting limit of 0.1g/kg | No asbestos found at reporting limit of 0.1g/kg | No asbestos found at reporting limit of 0.1g/kg | No asbestos found at reporting limit of 0.1g/kg | No asbestos found at reporting limit of 0.1g/kg |
| Trace Analysis | - | Respirable fibres not detected | Respirable fibres not detected | Respirable fibres not detected | Respirable fibres not detected | Respirable fibres not detected |

| Asbestos ID - soils Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-6 Sample 6 0.0-0.15 18/05/2010 Soil | DEMO-7 Sample 7 0.0-0.15 18/05/2010 Soil | DEMO-8 Sample 8 0.0-0.15 18/05/2010 Soil |
|--|-------------------------|--|--|--|
| Date analysed | - | 23/5/10 | 23/5/10 | 23/5/10 |
| Sample Description | - | 40g Soil | 40g Soil | 40g Soil |
| Asbestos ID in soil | - | No asbestos found at reporting limit of 0.1g/kg | No asbestos found at reporting limit of 0.1g/kg | No asbestos found at reporting limit of 0.1g/kg |
| Trace Analysis | - | Respirable fibres not detected | Respirable fibres not detected | Respirable fibres not detected |

Client Reference: Test Report

| vTPH & BTEX in Water Our Reference: Your Reference Depth Date Sampled Type of sample | UNITS ----- ----- | DEMO-9 Sample 9 -- 18/05/2010 Water | DEMO-10 Sample 10 -- 18/05/2010 Water |
|---|-------------------------|---|---|
| Date extracted | - | 21/5/10 | 21/5/10 |
| Date analysed | - | 21/5/10 | 21/5/10 |
| TPH C ₆ - C ₉ | mg/L | <0.010 | <0.010 |
| Benzene | mg/L | <0.0010 | <0.0010 |
| Toluene | mg/L | <0.0010 | <0.0010 |
| Ethylbenzene | mg/L | <0.0010 | <0.0010 |
| m+p-xylene | mg/L | <0.0020 | <0.0020 |
| o-Xylene | mg/L | <0.0010 | <0.0010 |
| <i>Surrogate</i> Dibromofluoromethane | % | 100 | 102 |
| <i>Surrogate</i> toluene-d8 | % | 103 | 98 |
| <i>Surrogate</i> 4-BFB | % | 104 | 96 |

MPL Reference: DEMO
Revision No: R 00



Client Reference: Test Report

| sTPH in Water (C10-C36) | UNITS | DEMO-9 | DEMO-10 |
|---------------------------------------|-------|------------|------------|
| Our Reference: | ----- | Sample 9 | Sample 10 |
| Your Reference | ----- | -- | -- |
| Depth | | | |
| Date Sampled | | 18/05/2010 | 18/05/2010 |
| Type of sample | | Water | Water |
| Date extracted | - | 21/5/10 | 21/5/10 |
| Date analysed | - | 21/5/10 | 21/5/10 |
| TPH C ₁₀ - C ₁₄ | mg/L | <0.050 | <0.050 |
| TPH C ₁₅ - C ₂₈ | mg/L | <0.10 | <0.10 |
| TPH C ₂₉ - C ₃₆ | mg/L | <0.10 | <0.10 |
| Surrogate o-Terphenyl | % | 100 | 100 |

MPL Reference: DEMO
Revision No: R 00



Client Reference: Test Report

| 13 Metals in Water - Dissolved | UNITS | DEMO-9 | DEMO-10 |
|--------------------------------|-------|------------|------------|
| Our Reference: | ----- | Sample 9 | Sample 10 |
| Your Reference | ----- | -- | -- |
| Depth | | | |
| Date Sampled | | 18/05/2010 | 18/05/2010 |
| Type of sample | | Water | Water |
| Date digested | - | 21/5/10 | 21/5/10 |
| Date analysed | - | 22/5/10 | 22/5/10 |
| Arsenic-Dissolved | mg/L | <0.001 | <0.001 |
| Cadmium - Dissolved | mg/L | <0.001 | <0.001 |
| Chromium - Dissolved | mg/L | <0.001 | <0.001 |
| Copper - Dissolved | mg/L | <0.005 | <0.005 |
| Lead-Dissolved | mg/L | <0.001 | <0.001 |
| Mercury - Dissolved | mg/L | <0.0001 | <0.0001 |
| Nickel - Dissolved | mg/L | <0.005 | <0.005 |
| Zinc - Dissolved | mg/L | <0.005 | <0.005 |
| Antimony-Dissolved | mg/L | <0.001 | <0.001 |
| Manganese - Dissolved | mg/L | <0.001 | <0.001 |
| Barium - Dissolved | mg/L | <0.001 | <0.001 |
| Cobalt - Dissolved | mg/L | <0.005 | <0.005 |
| Tin - Dissolved | mg/L | <0.05 | <0.05 |

MPL Reference: DEMO
Revision No: R 00



| Method ID | Methodology Summary |
|------------------|--|
| WILAB 16c | VOC in soil and water by headspace trap GC-MS |
| WILAB 7b | TRH in soil and water |
| WILAB 16b | Polycyclic Aromatic Hydrocarbons in soil and water by GC-MS |
| GC-5 | Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's. |
| GC-6 | Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD. |
| WILAB 17 | Metals in soil and water by ICP-OES. |
| WILAB 6 | Metals by AAS |
| WILAB 8 | Digests |
| WILAB.1 | <p>Asbestos Identification: Qualitative identification of asbestos types in bulk samples by Polarised Light Microscopy (PLM), including Dispersion Staining Techniques. Accreditation does not cover the identification of Synthetic Mineral Fibres.</p> <p>Notes: a) If Unknown Mineral Fibres (UMF) are detected by PLM and dispersion staining confirmation by another independent technique may be required. b) Asbestos found to be non-homogenous within samples is reported as "hand picked".</p> |

Client Reference: Test Report

| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
|---------------------------------------|-------|-----|-----------|---------|---------------|---------------------------|-----------|------------------|
| vTPH & BTEX in Soil | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 20/5/10 | DEMO-1 | 20/5/10 20/5/10 | LCS | 20/5/10 |
| Date analysed | - | | | 21/5/10 | DEMO-1 | 21/5/10 21/5/10 | LCS | 21/5/10 |
| vTPH C ₆ - C ₉ | mg/kg | 25 | WILAB 16c | <25 | DEMO-1 | <25 <25 | LCS | 100% |
| Benzene | mg/kg | 0.5 | WILAB 16c | <0.5 | DEMO-1 | <0.5 <0.5 | LCS | 98% |
| Toluene | mg/kg | 0.5 | WILAB 16c | <0.5 | DEMO-1 | <0.5 <0.5 | LCS | 96% |
| Ethylbenzene | mg/kg | 1 | WILAB 16c | <1.0 | DEMO-1 | <1.0 <1.0 | LCS | 89% |
| m+p-xylene | mg/kg | 2 | WILAB 16c | <2.0 | DEMO-1 | <2.0 <2.0 | LCS | 95% |
| o-Xylene | mg/kg | 1 | WILAB 16c | <1.0 | DEMO-1 | <1.0 <1.0 | LCS | 105% |
| Surrogate aaa-Trifluorotoluene | % | | WILAB 16c | 100 | DEMO-1 | 100 100 RPD: 0 | LCS | 103% |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
| sTPH in Soil (C10-C36) | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 20/5/10 | DEMO-1 | 20/5/10 20/5/10 | LCS | 20/5/10 |
| Date analysed | - | | | 22/5/10 | DEMO-1 | 22/5/10 22/5/10 | LCS | 21/5/10 |
| TPH C ₁₀ - C ₁₄ | mg/kg | 50 | WILAB 7b | <50 | DEMO-1 | <50 <50 | LCS | 98% |
| TPH C ₁₅ - C ₂₈ | mg/kg | 100 | WILAB 7b | <100 | DEMO-1 | <100 <100 | LCS | 79% |
| TPH C ₂₉ - C ₃₆ | mg/kg | 100 | WILAB 7b | <100 | DEMO-1 | <100 <100 | LCS | 96% |
| Surrogate o-Terphenyl | % | | WILAB 7b | 99 | DEMO-1 | 102 102 RPD: 0 | LCS | 103% |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
| PAHs in Soil | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 20/5/10 | DEMO-1 | 20/5/10 20/5/10 | LCS | 20/5/10 |
| Date analysed | - | | | 21/5/10 | DEMO-1 | 21/5/10 21/5/10 | LCS | 22/5/10 |
| Naphthalene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 96% |
| Acenaphthylene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Acenaphthene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Fluorene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 89% |
| Phenanthrene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 94% |
| Anthracene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Fluoranthene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Pyrene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 95% |
| Benzo(a)anthracene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Chrysene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 79% |
| Benzo(b)fluoranthene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Benzo(k)fluoranthene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Benzo(a)pyrene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 99% |
| Indeno(1,2,3-c,d)pyrene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Dibenzo(a,h)anthracene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Benzo(g,h,i)perylene | mg/kg | 0.1 | WILAB 16b | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| p-Terphenyl-D ₁₄ | % | | WILAB 16b | 89 | DEMO-1 | 96 96 RPD: 0 | LCS | 100% |

Client Reference: Test Report

| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
|-----------------------------------|-------|-----|--------|---------|---------------|---------------------------|-----------|------------------|
| Organochlorine Pesticides in soil | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 20/5/10 | DEMO-1 | 20/5/10 20/5/10 | LCS | 20/5/10 |
| Date analysed | - | | | 22/5/10 | DEMO-1 | 22/5/10 22/5/10 | LCS | 21/5/10 |
| HCB | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| alpha-BHC | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 103% |
| gamma-BHC | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| beta-BHC | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 106% |
| Heptachlor | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| delta-BHC | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Aldrin | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 95% |
| Heptachlor Epoxide | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| gamma-Chlordane | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| alpha-chlordane | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Endosulfan I | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| pp-DDE | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 96% |
| Dieldrin | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 94% |
| Endrin | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 79% |
| pp-DDD | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 106% |
| Endosulfan II | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| pp-DDT | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Endrin Aldehyde | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Endosulfan Sulphate | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 106% |
| Methoxychlor | mg/kg | 0.1 | GC-5 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Surrogate TCLMX | % | | GC-5 | 98 | DEMO-1 | 99 99 RPD: 0 | LCS | 105% |

Client Reference: Test Report

| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
|-------------------|-------|-------|----------|---------|---------------|---------------------------|-----------|------------------|
| PCBs in Soil | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 20/5/10 | DEMO-1 | 20/5/10 20/5/10 | LCS | 20/5/10 |
| Date analysed | - | | | 22/5/10 | DEMO-1 | 22/5/10 22/5/10 | LCS | 22/5/10 |
| Arochlor 1016 | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Arochlor 1221* | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Arochlor 1232 | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Arochlor 1242 | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Arochlor 1248 | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 96% |
| Arochlor 1254 | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Arochlor 1260 | mg/kg | 0.1 | GC-6 | <0.1 | DEMO-1 | <0.1 <0.1 | [NR] | [NR] |
| Surrogate TCLMX | % | | GC-6 | 98 | DEMO-1 | 99 99 RPD: 0 | LCS | 105% |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
| 13 metals in soil | | | | | | Base II Duplicate II %RPD | | |
| Date digested | - | | | 20/5/10 | DEMO-1 | 20/5/10 20/5/10 | LCS | 20/5/10 |
| Date analysed | - | | | 22/5/10 | DEMO-1 | 23/5/10 23/5/10 | LCS | 21/5/10 |
| Arsenic | mg/kg | 2 | WILAB 17 | <2 | DEMO-1 | <2 <2 | LCS | 89% |
| Cadmium | mg/kg | 0.1 | WILAB 17 | <0.1 | DEMO-1 | <0.1 <0.1 | LCS | 100% |
| Chromium | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 109% |
| Copper | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 115% |
| Lead | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 98% |
| Mercury | mg/kg | 0.025 | WILAB 6 | <0.02 | DEMO-1 | <0.02 <0.02 | LCS | 79% |
| Nickel | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 104% |
| Zinc | mg/kg | 5 | WILAB 17 | <5 | DEMO-1 | <5 <5 | LCS | 93% |
| Antimony | mg/kg | 2 | WILAB 17 | <2 | DEMO-1 | <2 <2 | LCS | 91% |
| Manganese | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 106% |
| Barium | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 108% |
| Cobalt | mg/kg | 1 | WILAB 17 | <1 | DEMO-1 | <1 <1 | LCS | 106% |
| Tin | mg/kg | 5 | WILAB 17 | <5 | DEMO-1 | <5 <5 | LCS | 79% |

MPL Reference: DEMO
Revision No: R 00



Client Reference: Test Report

| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | | | | |
|---------------------------------------|-------|-------|-----------|-------------|---------------|---------------------------|-----------|------------------|
| Moisture | | | | | | | | |
| Date prepared | - | | | 20/5/10 | | | | |
| Date analysed | - | | | 20/5/10 | | | | |
| Moisture | % | 0.1 | WILAB 8 | <0.10 | | | | |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | | | | |
| Asbestos ID - soils | | | | | | | | |
| Date analysed | - | | | [NT] | | | | |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
| vTPH & BTEX in Water | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 21/5/10 | [NT] | [NT] | [NR] | [NR] |
| Date analysed | - | | | 22/5/10 | [NT] | [NT] | [NR] | [NR] |
| TPH C ₆ - C ₉ | mg/L | 0.01 | WILAB 16c | <0.010 | [NT] | [NT] | [NR] | [NR] |
| Benzene | mg/L | 0.001 | WILAB 16c | <0.001 0 | [NT] | [NT] | [NR] | [NR] |
| Toluene | mg/L | 0.001 | WILAB 16c | <0.001 0 | [NT] | [NT] | [NR] | [NR] |
| Ethylbenzene | mg/L | 0.001 | WILAB 16c | <0.001 0 | [NT] | [NT] | [NR] | [NR] |
| m+p-xylene | mg/L | 0.002 | WILAB 16c | <0.002 0 | [NT] | [NT] | [NR] | [NR] |
| o-Xylene | mg/L | 0.001 | WILAB 16c | <0.001 0 | [NT] | [NT] | [NR] | [NR] |
| Surrogate Dibromofluoromethane | % | | WILAB 16c | 89 | [NT] | [NT] | [NR] | [NR] |
| Surrogate toluene-d8 | % | | WILAB 16c | 96 | [NT] | [NT] | [NR] | [NR] |
| Surrogate 4-BFB | % | | WILAB 16c | 79 | [NT] | [NT] | [NR] | [NR] |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
| sTPH in Water (C10-C36) | | | | | | Base II Duplicate II %RPD | | |
| Date extracted | - | | | 21/5/10 | [NT] | [NT] | LCS | 21/5/10 |
| Date analysed | - | | | 22/5/10 | [NT] | [NT] | LCS | 22/5/10 |
| TPH C ₁₀ - C ₁₄ | mg/L | 0.05 | WILAB 7b | <0.050 | [NT] | [NT] | LCS | 96% |
| TPH C ₁₅ - C ₂₈ | mg/L | 0.1 | WILAB 7b | <0.10 | [NT] | [NT] | LCS | 109% |
| TPH C ₂₉ - C ₃₆ | mg/L | 0.1 | WILAB 7b | <0.10 | [NT] | [NT] | LCS | 106% |
| Surrogate o-Terphenyl | % | | WILAB 7b | 99 | [NT] | [NT] | LCS | 93% |
| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
| 13 Metals in Water - Dissolved | | | | | | Base II Duplicate II %RPD | | |
| Date digested | - | | | 21/5/10 | [NT] | [NT] | LCS | 21/5/10 |
| Date analysed | - | | | 22/5/10 | [NT] | [NT] | LCS | 22/5/10 |
| Arsenic-Dissolved | mg/L | 0.001 | WILAB 6 | <0.001 | [NT] | [NT] | LCS | 99% |
| Cadmium - Dissolved | mg/L | 0.001 | WILAB 17 | <0.001 | [NT] | [NT] | LCS | 109% |
| Chromium - Dissolved | mg/L | 0.001 | WILAB 17 | <0.001 | [NT] | [NT] | LCS | 105% |
| Copper - Dissolved | mg/L | 0.005 | WILAB 17 | <0.005 | [NT] | [NT] | LCS | 101% |
| Lead-Dissolved | mg/L | 0.001 | WILAB 6 | <0.001 | [NT] | [NT] | LCS | 100% |

MPL Reference:
Revision No:

DEMO
R 00



Client Reference: Test Report

| QUALITY CONTROL | UNITS | PQL | METHOD | Blank | Duplicate Sm# | Duplicate results | Spike Sm# | Spike % Recovery |
|--------------------------------|-------|--------|----------|-------------|---------------|---------------------------|-----------|------------------|
| 13 Metals in Water - Dissolved | | | | | | Base II Duplicate II %RPD | | |
| Mercury - Dissolved | mg/L | 0.0001 | WILAB 6 | <0.000 1 | [NT] | [NT] | LCS | 94% |
| Nickel - Dissolved | mg/L | 0.005 | WILAB 17 | <0.005 | [NT] | [NT] | LCS | 79% |
| Zinc - Dissolved | mg/L | 0.005 | WILAB 17 | <0.005 | [NT] | [NT] | LCS | 106% |
| Antimony-Dissolved | mg/L | 0.001 | WILAB 6 | <0.001 | [NT] | [NT] | LCS | 102% |
| Manganese - Dissolved | mg/L | 0.001 | WILAB 17 | <0.001 | [NT] | [NT] | LCS | 110% |
| Barium - Dissolved | mg/L | 0.001 | WILAB 17 | <0.001 | [NT] | [NT] | LCS | 109% |
| Cobalt - Dissolved | mg/L | 0.005 | WILAB 17 | <0.005 | [NT] | [NT] | LCS | 97% |
| Tin - Dissolved | mg/L | 0.05 | WILAB 17 | <0.05 | [NT] | [NT] | LCS | 98% |

MPL Reference: DEMO
Revision No: R 00



Report Comments:

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform & E.coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC& ARMC 2004.

Asbestos was analysed by Approved Identifier: Joshua Lim
Airborne fibres were analysed by Approved Counter: Not applicable for this job

INS: Insufficient sample for this test; NT: Not tested; PQL: Practical Quantitation Limit; <: Less than; >: Greater than
RPD: Relative Percent Difference; NA: Test not required; LCS: Laboratory Control Sample; NR: Not requested
NS: Not specified; NEPM: National Environmental Protection Measure

Quality Control Definitions

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

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

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

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

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

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD a matrix spike recoveries for the sample batch were within laboratory acceptance criteria.

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

Matrix Spike and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for SVOC and Speciated Phenols is acceptable.

Surrogates: 60-140% is acceptable for general organics and 10-140% for SVOC and Speciated Phenols.