



**Laboratory Report No:** E030062  
**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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plus cover page  
**Date:** 01/02/07

Final

# Certificate of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |  | 65266      | 65267   | 65268   | 65269   | 65270   | 65271   | 65272   | 65273   | 65274   | 65275   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V11     | TP-V12  | TP-V13  | TP-V14  | TP-V15  | TP-V16  | TP-V17  | TP-V18  | TP-V19  | TP-V20  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 24/1/07    | 24/1/07 | 25/1/07 | 24/1/07 | 24/1/07 | 25/1/07 | 24/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Naphthalene                              |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthylene                           |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluorene                                 |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phenanthrene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Anthracene                               |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluoranthene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Pyrene                                   |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benz(a)anthracene                        |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chrysene                                 |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | 1          | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Benzo(a) pyrene                          |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dibenz(a,h)anthracene                    |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(g,h,i)perylene                     |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PAHs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | 95%        | 102%    | 91%     | 104%    | 98%     | 93%     | 99%     | 102%    | 111%    | 99%     |
| TP-d14 (Surr @ 5mg/kg)                   |  | 88%        | 97%     | 80%     | 98%     | 96%     | 89%     | 94%     | 92%     | 107%    | 89%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



| Laboratory Identification                |  | 65276   | 65277   | 65278   | 65279   | 65280   | 65281   | 65282   | 65283   | 65284   | 65285   |
|------------------------------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V21  | TP-V22  | TP-V23  | TP-V24  | TP-V25  | TP-V26  | TP-V27  | TP-V28  | TP-V29  | TP-V30  |
| Depth (m)                                |  | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| Method : E007.2                          |  |         |         |         |         |         |         |         |         |         |         |
| Polyaromatic Hydrocarbons (PAH)          |  | EQL     |         |         |         |         |         |         |         |         |         |
| Naphthalene                              |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthylene                           |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthene                             |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluorene                                 |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phenanthrene                             |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Anthracene                               |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluoranthene                             |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Pyrene                                   |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benz(a)anthracene                        |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chrysene                                 |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Benzo(a) pyrene                          |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dibenz(a,h)anthracene                    |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(g,h,i)perylene                     |  | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PAHs                     |  | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | 117%    | 101%    | 102%    | 102%    | 103%    | 102%    | 107%    | 93%     | 107%    | 101%    |
| TP-d14 (Surr @ 5mg/kg)                   |  | 112%    | 99%     | 96%     | 99%     | 96%     | 121%    | 96%     | 112%    | 98%     | 127%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



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Contact Name: David Lane

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| Laboratory Identification                |  | 65286      | 65287   | 65288   | 65289   | 65290   | 65291   | 65292   | 65293   | 65294   | 65295   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V31     | TP-V32  | TP-V33  | TP-V34  | TP-V35  | TP-V36  | TP-V37  | TP-V38  | TP-V39  | TP-V40  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Naphthalene                              |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthylene                           |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthene                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluorene                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phenanthrene                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Anthracene                               |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluoranthene                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Pyrene                                   |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benz(a)anthracene                        |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chrysene                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | <1         | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Benzo(a) pyrene                          |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dibenz(a,h)anthracene                    |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(g,h,i)perylene                     |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PAHs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | 103%       | 100%    | 92%     | 95%     | 106%    | 103%    | 103%    | 101%    | 103%    | 102%    |
| TP-d14 (Surr @ 5mg/kg)                   |  | 95%        | 125%    | 88%     | 115%    | 97%     | 128%    | 95%     | 117%    | 98%     | 127%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



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Client Reference: Morrisett Validation

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This report supercedes reports issued on: N/A

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# Certificate of Analysis



| Laboratory Identification                |  | 65296      | 65297   | 65298   | 65299   | 65300   | 65301   | 65302   | 65303   | 65304   | 65305   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V41     | TP-V42  | TP-V43  | TP-V44  | TP-VL1  | TP-VL2  | TP-VL3  | TP-VL4  | TP-VL5  | TP-VL6  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Naphthalene                              |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthylene                           |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluorene                                 |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phenanthrene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Anthracene                               |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluoranthene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Pyrene                                   |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benz(a)anthracene                        |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chrysene                                 |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | 1          | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Benzo(a) pyrene                          |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dibenz(a,h)anthracene                    |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(g,h,i)perylene                     |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PAHs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | --         | 107%    | 98%     | 113%    | 98%     | 103%    | 104%    | 96%     | 98%     | 104%    |
| TP-d14 (Surr @ 5mg/kg)                   |  | --         | 95%     | 123%    | 130%    | 121%    | 94%     | 116%    | 91%     | 120%    | 97%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



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This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                |  | 65306      | 65307   | 65308   | 65309   | 65310   | 65311   | 65312   | 65313   | 65314   | 65315   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-VL7     | TP-VL8  | TP-VL9  | TP-VL10 | TP-VL11 | TP-VL12 | TP-VL13 | TP-VL14 | TP-VL15 | TP-VL16 |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 27/1/07 | 25/1/07 | 27/1/07 | 25/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Naphthalene                              |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthylene                           |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluorene                                 |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phenanthrene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Anthracene                               |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluoranthene                             |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 0.7     | <0.5    | <0.5    | <0.5    |
| Pyrene                                   |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 0.7     | <0.5    | <0.5    | <0.5    |
| Benz(a)anthracene                        |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chrysene                                 |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | 1          | <1      | <1      | <1      | <1      | <1      | 2       | <1      | <1      | <1      |
| Benzo(a) pyrene                          |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 1.1     | <0.5    | <0.5    | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 1.8     | <0.5    | <0.5    | <0.5    |
| Dibenz(a,h)anthracene                    |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 0.6     | <0.5    | <0.5    | <0.5    |
| Benzo(g,h,i)perylene                     |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 1.7     | <0.5    | <0.5    | <0.5    |
| Sum of reported PAHs                     |  | --         | --      | --      | --      | --      | --      | 8.6     | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | 101%       | 102%    | 116%    | 99%     | 99%     | 105%    | 108%    | 97%     | 114%    | 102%    |
| TP-d14 (Surr @ 5mg/kg)                   |  | 120%       | 94%     | 127%    | 94%     | 112%    | 100%    | 91%     | 92%     | 92%     | 96%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



Laboratory Report No: E030062

Client Name: David Lane Associates

Contact Name: David Lane

Client Reference: Morrisett Validation

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Final

# Certificate of Analysis



| Laboratory Identification                                                                                                                                                                                                                                                                                                                                                                                                    |            | 65316   | 65317   | 65318   | 65319   | 65320   | 65321   | 65322   | 65323   | 65324   | 65325   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                                                                                                                                                                                                                                                                                                                                                                                                        |            | TP-VL17 | TP-VL18 | TP-VL19 | TP-VL20 | TP-VL21 | TP-VL22 | TP-VL23 | TP-VL24 | TP-VL25 | TP-VL26 |
| Depth (m)                                                                                                                                                                                                                                                                                                                                                                                                                    |            | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC                                                                                                                                                                                                                                                                                                                                                                                                |            | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date                                                                                                                                                                                                                                                                                                                                                                                     |            | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                                                                                                                                                                                                                                                                                                                                                                                                     |            | 27/1/07 | 25/1/07 | 27/1/07 | 25/1/07 | 27/1/07 | 25/1/07 | 27/1/07 | 25/1/07 | 27/1/07 | 25/1/07 |
| <b>Method : E007.2</b><br><b>Polyaromatic Hydrocarbons (PAH)</b><br>Naphthalene<br>Acenaphthylene<br>Acenaphthene<br>Fluorene<br>Phenanthrene<br>Anthracene<br>Fluoranthene<br>Pyrene<br>Benz(a)anthracene<br>Chrysene<br>Benzo(b)&(k)fluoranthene<br>Benzo(a) pyrene<br>Indeno(1,2,3-c,d)pyrene<br>Dibenz(a,h)anthracene<br>Benzo(g,h,i)perylene<br>Sum of reported PAHs<br>2-FBP (Surr @ 5mg/kg)<br>TP-d14 (Surr @ 5mg/kg) | <b>EQL</b> |         |         |         |         |         |         |         |         |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 1          | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | 0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | 0.6     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5        | <0.5    | <0.5    | 0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | --         | --      | --      | 2.1     | --      | --      | --      | --      | --      | --      | --      |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | --         | 114%    | 101%    | 114%    | 101%    | 116%    | 92%     | 113%    | 102%    | 118%    | 111%    |
|                                                                                                                                                                                                                                                                                                                                                                                                                              | --         | 93%     | 94%     | 90%     | 97%     | 81%     | 86%     | 85%     | 92%     | 85%     | 101%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



**Laboratory Report No:** E030062  
**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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# Certificate of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |  | 65326      | 65330   | 65331   | 65332   | 65333   | 65334   | 65335   | 65336   | 65337   | 65256d  |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-VL27    | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 | TP-Dup5 | TP-Dup6 | TP-Dup7 | TP-Dup8 | QC      |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | --      |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 24/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Naphthalene                              |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthylene                           |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Acenaphthene                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluorene                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phenanthrene                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Anthracene                               |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fluoranthene                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Pyrene                                   |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benz(a)anthracene                        |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chrysene                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | <1         | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Benzo(a) pyrene                          |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | <0.5       | <0.5    | <0.5    | <0.5    | 0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dibenz(a,h)anthracene                    |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Benzo(g,h,i)perylene                     |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PAHs                     |  | --         | --      | --      | --      | 0.5     | --      | --      | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | 115%       | 119%    | 114%    | 108%    | 108%    | 115%    | 112%    | 114%    | 105%    | 92%     |
| TP-d14 (Surr @ 5mg/kg)                   |  | 82%        | 87%     | 86%     | 82%     | 84%     | 90%     | 90%     | 94%     | 89%     | 101%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



Laboratory Report No: E030062

Client Name: David Lane Associates

Contact Name: David Lane

Client Reference: Morrisett Validation

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This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                |  | 65256r     | 65266d  | 65266r | 65275d  | 65275r | 65285d  | 65285r | 65295d  | 65295r | 65303d  |
|------------------------------------------|--|------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Sample Identification                    |  | QC         | QC      | QC     | QC      | QC     | QC      | QC     | QC      | QC     | QC      |
| Depth (m)                                |  | --         | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Sampling Date recorded on COC            |  | --         | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Laboratory Extraction (Preparation) Date |  | --         | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 |
| Laboratory Analysis Date                 |  | --         | 24/1/07 | --     | 25/1/07 | --     | 25/1/07 | --     | 25/1/07 | --     | 25/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |        |         |        |         |        |         |        |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |        |         |        |         |        |         |        |         |
| Naphthalene                              |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Acenaphthylene                           |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Acenaphthene                             |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Fluorene                                 |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Phenanthrene                             |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Anthracene                               |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Fluoranthene                             |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Pyrene                                   |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Benz(a)anthracene                        |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Chrysene                                 |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Benzo(b)&(k)fluoranthene                 |  | --         | <1      | --     | <1      | --     | <1      | --     | <1      | --     | <1      |
| Benzo(a) pyrene                          |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Indeno(1,2,3-c,d)pyrene                  |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Dibenz(a,h)anthracene                    |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Benzo(g,h,i)perylene                     |  | --         | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    | --     | <0.5    |
| Sum of reported PAHs                     |  | --         | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | 4%         | 98%     | 3%     | 101%    | 2%     | 98%     | 3%     | 102%    | 0%     | 101%    |
| TP-d14 (Surr @ 5mg/kg)                   |  | 7%         | 80%     | 10%    | 91%     | 2%     | 120%    | 6%     | 121%    | 5%     | 95%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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



Laboratory Report No: E030062

Client Name: David Lane Associates

Contact Name: David Lane

Client Reference: Morrisett Validation

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This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                |  | 65303r     | 65315d  | 65315r | 65323d  | 65323r | 65258s  | 65277s  | 65297s  | 65317s  | lcs     |
|------------------------------------------|--|------------|---------|--------|---------|--------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | QC         | QC      | QC     | QC      | QC     | QC      | QC      | QC      | QC      | QC      |
| Depth (m)                                |  | --         | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | --         | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| Laboratory Extraction (Preparation) Date |  | --         | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | --         | 25/1/07 | --     | 25/1/07 | --     | 24/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E007.2</b>                   |  |            |         |        |         |        |         |         |         |         |         |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  | <b>EQL</b> |         |        |         |        |         |         |         |         |         |
| Naphthalene                              |  | 0.5        | <0.5    | --     | <0.5    | --     | 95%     | 99%     | 98%     | 96%     | 93%     |
| Acenaphthylene                           |  | 0.5        | <0.5    | --     | <0.5    | --     | 94%     | 95%     | 106%    | 99%     | 97%     |
| Acenaphthene                             |  | 0.5        | <0.5    | --     | <0.5    | --     | 95%     | 94%     | 112%    | 98%     | 97%     |
| Fluorene                                 |  | 0.5        | <0.5    | --     | <0.5    | --     | 94%     | 93%     | 110%    | 98%     | 97%     |
| Phenanthrene                             |  | 0.5        | <0.5    | --     | <0.5    | --     | 97%     | 94%     | 93%     | 97%     | 98%     |
| Anthracene                               |  | 0.5        | <0.5    | --     | <0.5    | --     | 92%     | 96%     | 92%     | 94%     | 100%    |
| Fluoranthene                             |  | 0.5        | <0.5    | --     | <0.5    | --     | 105%    | 83%     | 128%    | 100%    | 100%    |
| Pyrene                                   |  | 0.5        | <0.5    | --     | <0.5    | --     | 97%     | 83%     | 120%    | 99%     | 104%    |
| Benz(a)anthracene                        |  | 0.5        | <0.5    | --     | <0.5    | --     | 107%    | 100%    | 96%     | 100%    | 95%     |
| Chrysene                                 |  | 0.5        | <0.5    | --     | <0.5    | --     | 105%    | 115%    | 81%     | 101%    | 104%    |
| Benzo(b)&(k)fluoranthene                 |  | 1          | <1      | --     | <1      | --     | 94%     | 91%     | 92%     | 104%    | 96%     |
| Benzo(a) pyrene                          |  | 0.5        | <0.5    | --     | <0.5    | --     | 79%     | 78%     | 123%    | 102%    | 98%     |
| Indeno(1,2,3-c,d)pyrene                  |  | 0.5        | <0.5    | --     | <0.5    | --     | 85%     | 75%     | 118%    | 91%     | 93%     |
| Dibenz(a,h)anthracene                    |  | 0.5        | <0.5    | --     | <0.5    | --     | 84%     | 79%     | 108%    | 89%     | 87%     |
| Benzo(g,h,i)perylene                     |  | 0.5        | <0.5    | --     | <0.5    | --     | 87%     | 74%     | 123%    | 89%     | 102%    |
| Sum of reported PAHs                     |  | --         | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| 2-FBP (Surr @ 5mg/kg)                    |  | --         | 98%     | 4%     | 98%     | 4%     | 98%     | 95%     | 99%     | 100%    | 95%     |
| TP-d14 (Surr @ 5mg/kg)                   |  | --         | 94%     | 2%     | 92%     | 0%     | 89%     | 85%     | 117%    | 94%     | 103%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: -

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





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**Final**  
**Certificate**  
of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |  | 65327         | lcs     | mb      |  |  |  |  |  |  |  |
|------------------------------------------|--|---------------|---------|---------|--|--|--|--|--|--|--|
| Sample Identification                    |  | Rinsate Blank | QC      | QC      |  |  |  |  |  |  |  |
| Depth (m)                                |  | --            | --      | --      |  |  |  |  |  |  |  |
| Sampling Date recorded on COC            |  | 19/1/07       |         |         |  |  |  |  |  |  |  |
| Laboratory Extraction (Preparation) Date |  | 23/1/07       | 23/1/07 | 23/1/07 |  |  |  |  |  |  |  |
| Laboratory Analysis Date                 |  | 24/1/07       | 23/1/07 | 23/1/07 |  |  |  |  |  |  |  |
| <b>Method : E007.1</b>                   |  | <b>EQL</b>    |         |         |  |  |  |  |  |  |  |
| <b>Polyaromatic Hydrocarbons (PAH)</b>   |  |               |         |         |  |  |  |  |  |  |  |
| Naphthalene                              |  | <1            | 82%     | <1      |  |  |  |  |  |  |  |
| Acenaphthylene                           |  | <1            | 101%    | <1      |  |  |  |  |  |  |  |
| Acenaphthene                             |  | <1            | 83%     | <1      |  |  |  |  |  |  |  |
| Fluorene                                 |  | <1            | 84%     | <1      |  |  |  |  |  |  |  |
| Phenanthrene                             |  | <1            | 89%     | <1      |  |  |  |  |  |  |  |
| Anthracene                               |  | <1            | 91%     | <1      |  |  |  |  |  |  |  |
| Fluoranthene                             |  | <1            | 92%     | <1      |  |  |  |  |  |  |  |
| Pyrene                                   |  | <1            | 93%     | <1      |  |  |  |  |  |  |  |
| Benz(a)anthracene                        |  | <1            | 95%     | <1      |  |  |  |  |  |  |  |
| Chrysene                                 |  | <1            | 93%     | <1      |  |  |  |  |  |  |  |
| Benzo(b)&(k)fluoranthene                 |  | <2            | 96%     | <2      |  |  |  |  |  |  |  |
| Benzo(a) pyrene                          |  | <1            | 99%     | <1      |  |  |  |  |  |  |  |
| Indeno(1,2,3-c,d)pyrene                  |  | <1            | 92%     | <1      |  |  |  |  |  |  |  |
| Dibenz(a,h)anthracene                    |  | <1            | 91%     | <1      |  |  |  |  |  |  |  |
| Benzo(g,h,i)perylene                     |  | <1            | 91%     | <1      |  |  |  |  |  |  |  |
| Sum of reported PAHs                     |  | --            | --      | --      |  |  |  |  |  |  |  |
| 2-FBP (Surr @ 250ug/l)                   |  | 110%          | 86%     | 86%     |  |  |  |  |  |  |  |
| TP-d14 (Surr @ 250ug/l)                  |  | 111%          | 94%     | 90%     |  |  |  |  |  |  |  |

Results expressed in ug/l unless otherwise specified

Comments:

E007.1: Triple extraction with DCM. Analysis by GC/MS.



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| Laboratory Identification                |  | 65256      | 65258   | 65260   | 65262   | 65264   | 65266   | 65268   | 65271   | 65273   | 65275   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V1      | TP-V3   | TP-V5   | TP-V7   | TP-V9   | TP-V11  | TP-V13  | TP-V16  | TP-V18  | TP-V20  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Organochlorine Pesticides (OC)</b>    |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| a-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Hexachlorobenzene                        |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| b-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| g-BHC (Lindane)                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| d-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor                               |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Aldrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor epoxide                       |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| trans-chlordane                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan I                             |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| cis-chlordane                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Dieldrin                                 |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDE                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan II                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDD                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan sulphate                      |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDT                                  |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| Methoxychlor                             |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 114%    | 88%     | 126%    | 103%    | 115%    | 126%    | 116%    | 111%    |         |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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Contact Name: David Lane

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| Laboratory Identification                |  | 65277      | 65279   | 65281   | 65283   | 65285   | 65287   | 65289   | 65291   | 65293   | 65295   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V22     | TP-V24  | TP-V26  | TP-V28  | TP-V30  | TP-V32  | TP-V34  | TP-V36  | TP-V38  | TP-V40  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Organochlorine Pesticides (OC)</b>    |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| a-BHC                                    |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Hexachlorobenzene                        |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| b-BHC                                    |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| g-BHC (Lindane)                          |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| d-BHC                                    |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor                               |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Aldrin                                   |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor epoxide                       |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| trans-chlordane                          |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan I                             |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| cis-chlordane                            |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Dieldrin                                 |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | 0.05    | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDE                                  |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endrin                                   |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan II                            |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDD                                  |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan sulphate                      |  | <0.05      | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDT                                  |  | <0.2       | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| Methoxychlor                             |  | <0.2       | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 107%    | 123%    | 119%    | 102%    | 122%    | 101%    | 90%     | 89%     | 101%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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**Contact Name:** David Lane  
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This report supercedes reports issued on: N/A

| Laboratory Identification                |  | 65297      | 65299   | 65300   | 65302   | 65304   | 65306   | 65308   | 65310   | 65312   | 65314   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V42     | TP-V44  | TP-VL1  | TP-VL3  | TP-VL5  | TP-VL7  | TP-VL9  | TP-VL11 | TP-VL13 | TP-VL15 |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Organochlorine Pesticides (OC)</b>    |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| a-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Hexachlorobenzene                        |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| b-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| g-BHC (Lindane)                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| d-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor                               |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Aldrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor epoxide                       |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| trans-chlordane                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan I                             |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| cis-chlordane                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Dieldrin                                 |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDE                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan II                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDD                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan sulphate                      |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDT                                  |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| Methoxychlor                             |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 74%     | 74%     | 96%     | 98%     | 90%     | 96%     | 107%    | 96%     | 107%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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| Laboratory Identification                |  | 65316      | 65318   | 65320   | 65322   | 65324   | 65326   | 65330   | 65331   | 65332   | 65333   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-VL17    | TP-VL19 | TP-VL21 | TP-VL23 | TP-VL25 | TP-VL27 | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 25/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Organochlorine Pesticides (OC)</b>    |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| a-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Hexachlorobenzene                        |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| b-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| g-BHC (Lindane)                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| d-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor                               |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Aldrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Heptachlor epoxide                       |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| trans-chlordane                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan I                             |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| cis-chlordane                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Dieldrin                                 |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDE                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan II                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDD                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| Endosulfan sulphate                      |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   | <0.05   |
| 4,4-DDT                                  |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| Methoxychlor                             |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 88%     | 94%     | 105%    | 90%     | 91%     | 77%     | 105%    | 70%     | 102%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



Laboratory Report No: E030062

Client Name: David Lane Associates

Contact Name: David Lane

Client Reference: Morrisett Validation

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This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                |  | 65334      | 65335   | 65336   | 65337   | 65256d  | 65256r  | 65266d  | 65266r  | 65275d  | 65275r  |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-Dup5    | TP-Dup6 | TP-Dup7 | TP-Dup8 | QC      | QC      | QC      | QC      | QC      | QC      |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Organochlorine Pesticides (OC)</b>    |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| a-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Hexachlorobenzene                        |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| b-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| g-BHC (Lindane)                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| d-BHC                                    |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Heptachlor                               |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Aldrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Heptachlor epoxide                       |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| trans-chlordane                          |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Endosulfan I                             |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| cis-chlordane                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Dieldrin                                 |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| 4,4-DDE                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Endrin                                   |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Endosulfan II                            |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| 4,4-DDD                                  |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| Endosulfan sulphate                      |  | 0.05       | <0.05   | <0.05   | <0.05   | <0.05   | --      | <0.05   | --      | <0.05   | --      |
| 4,4-DDT                                  |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | --      | <0.2    | --      | <0.2    | --      |
| Methoxychlor                             |  | 0.2        | <0.2    | <0.2    | <0.2    | <0.2    | --      | <0.2    | --      | <0.2    | --      |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 86%     | 101%    | 78%     | 96%     | 4%      | 115%    | 0%      | 128%    | 14%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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Client Name: David Lane Associates

Contact Name: David Lane

Client Reference: Morrisett Validation

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Date: 01/02/07

This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                |  | 65285d     | 65285r | 65295d  | 65295r | 65258s  | 65277s  | 65297s  | ics     | mb      |  |
|------------------------------------------|--|------------|--------|---------|--------|---------|---------|---------|---------|---------|--|
| Sample Identification                    |  | QC         | QC     | QC      | QC     | QC      | QC      | QC      | QC      | QC      |  |
| Depth (m)                                |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| Sampling Date recorded on COC            |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | --     | 23/1/07 | --     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |  |
| Laboratory Analysis Date                 |  | 27/1/07    | --     | 27/1/07 | --     | 27/1/07 | 27/1/07 | 27/1/07 | 24/1/07 | 24/1/07 |  |
| <b>Method : E013.2</b>                   |  |            |        |         |        |         |         |         |         |         |  |
| <b>Organochlorine Pesticides (OC)</b>    |  | <b>EQL</b> |        |         |        |         |         |         |         |         |  |
| a-BHC                                    |  | <0.05      | --     | <0.05   | --     | 94%     | 101%    | 110%    | 99%     | <0.05   |  |
| Hexachlorobenzene                        |  | <0.05      | --     | <0.05   | --     | 98%     | 105%    | 112%    | 106%    | <0.05   |  |
| b-BHC                                    |  | <0.05      | --     | <0.05   | --     | 99%     | 112%    | 99%     | 103%    | <0.05   |  |
| g-BHC (Lindane)                          |  | <0.05      | --     | <0.05   | --     | 102%    | 115%    | 107%    | 101%    | <0.05   |  |
| d-BHC                                    |  | <0.05      | --     | <0.05   | --     | 114%    | 122%    | 105%    | 102%    | <0.05   |  |
| Heptachlor                               |  | <0.05      | --     | <0.05   | --     | 93%     | 100%    | 83%     | 102%    | <0.05   |  |
| Aldrin                                   |  | <0.05      | --     | <0.05   | --     | 99%     | 101%    | 91%     | 101%    | <0.05   |  |
| Heptachlor epoxide                       |  | <0.05      | --     | <0.05   | --     | 98%     | 120%    | 112%    | 102%    | <0.05   |  |
| trans-chlordane                          |  | <0.05      | --     | <0.05   | --     | 109%    | 102%    | 92%     | 102%    | <0.05   |  |
| Endosulfan I                             |  | <0.05      | --     | <0.05   | --     | 92%     | 99%     | 108%    | 103%    | <0.05   |  |
| cis-chlordane                            |  | <0.05      | --     | <0.05   | --     | 90%     | 97%     | 107%    | 104%    | <0.05   |  |
| Dieldrin                                 |  | <0.05      | --     | <0.05   | --     | 122%    | 103%    | 92%     | 102%    | <0.05   |  |
| 4,4-DDE                                  |  | <0.05      | --     | <0.05   | --     | 99%     | 99%     | 88%     | 101%    | <0.05   |  |
| Endrin                                   |  | <0.05      | --     | <0.05   | --     | 129%    | 129%    | 111%    | 107%    | <0.05   |  |
| Endosulfan II                            |  | <0.05      | --     | <0.05   | --     | 92%     | 97%     | 86%     | 103%    | <0.05   |  |
| 4,4-DDD                                  |  | <0.05      | --     | <0.05   | --     | 112%    | 114%    | 101%    | 104%    | <0.05   |  |
| Endosulfan sulphate                      |  | <0.05      | --     | <0.05   | --     | 98%     | 88%     | 101%    | 101%    | <0.05   |  |
| 4,4-DDT                                  |  | <0.2       | --     | <0.2    | --     | 74%     | 94%     | 96%     | 104%    | <0.2    |  |
| Methoxychlor                             |  | <0.2       | --     | <0.2    | --     | 101%    | 97%     | 96%     | 117%    | <0.2    |  |
| DBC (Surr @ 0.2mg/kg)                    |  | 115%       | 12%    | 104%    | 3%     | 129%    | 107%    | 86%     | 105%    | 119%    |  |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



**Laboratory Report No:** E030062  
**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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**Final**  
**Certificate**  
of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |     | 65256      | 65258   | 65260   | 65262   | 65264   | 65266   | 65268   | 65271   | 65273   | 65275   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V1      | TP-V3   | TP-V5   | TP-V7   | TP-V9   | TP-V11  | TP-V13  | TP-V16  | TP-V18  | TP-V20  |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07    | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E014.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Organophosphorus Pesticides (OP)</b>  |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Dichlorvos                               |     | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Mevinphos (Phosdrin)                     |     | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Demeton (total)                          | 1   | <1         | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Ethoprop                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Monocrotophos                            | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phorate                                  | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dimethoate                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Diazinon                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Disulfoton                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Methyl parathion                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Ronnel                                   | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenitrothion                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Malathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chlorpyrifos                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenthion                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Parathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Stirofos                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Prothiofos                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Azinophos methyl                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Coumaphos                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| TPP (Surr @ 2mg/kg)                      | --  | 84%        | 92%     | 91%     | 89%     | 92%     | 86%     | 94%     | 98%     | 100%    | 95%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



**Laboratory Report No:** E030062  
**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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**Date:** 01/02/07

**Final**  
**Certificate**  
of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |  | 65277      | 65279   | 65281   | 65283   | 65285   | 65287   | 65289   | 65291   | 65293   | 65295   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V22     | TP-V24  | TP-V26  | TP-V28  | TP-V30  | TP-V32  | TP-V34  | TP-V36  | TP-V38  | TP-V40  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E014.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Organophosphorus Pesticides (OP)</b>  |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Dichlorvos                               |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Mevinphos (Phosdrin)                     |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Demeton (total)                          |  | <1         | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Ethoprop                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Monocrotophos                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phorate                                  |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dimethoate                               |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Diazinon                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Disulfoton                               |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Methyl parathion                         |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Ronnol                                   |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenitrothion                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Malathion                                |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chlorpyrifos                             |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenthion                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Parathion                                |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Stirofos                                 |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Prothiofos                               |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Azinophos methyl                         |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Coumaphos                                |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| TPP (Surr @ 2mg/kg)                      |  | 104%       | 100%    | 91%     | 87%     | 80%     | 84%     | 78%     | 78%     | 85%     | 87%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



**Laboratory Report No:** E030062  
**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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Final

# Certificate of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |     | 65297      | 65299   | 65300   | 65302   | 65304   | 65306   | 65308   | 65310   | 65312   | 65314   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V42     | TP-V44  | TP-VL1  | TP-VL3  | TP-VL5  | TP-VL7  | TP-VL9  | TP-VL11 | TP-VL13 | TP-VL15 |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E014.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Organophosphorus Pesticides (OP)</b>  |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Dichlorvos                               |     | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Mevinphos (Phosdrin)                     |     | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Demeton (total)                          | 1   | <1         | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Ethoprop                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Monocrotophos                            | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phorate                                  | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dimethoate                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Diazinon                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Disulfoton                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Methyl parathion                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Ronnel                                   | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenitrothion                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Malathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chlorpyrifos                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenthion                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Parathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Stirofos                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Prothiofos                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Azinophos methyl                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Coumaphos                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| TPP (Surr @ 2mg/kg)                      | --  | 88%        | 81%     | 90%     | 87%     | 88%     | 88%     | 96%     | 85%     | 97%     | 97%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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Contact Name: David Lane

Client Reference: Morrisett Validation

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This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                |     | 65316      | 65318   | 65320   | 65322   | 65324   | 65326   | 65330   | 65331   | 65332   | 65333   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL17    | TP-VL19 | TP-VL21 | TP-VL23 | TP-VL25 | TP-VL27 | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 |
| <b>Method : E014.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Organophosphorus Pesticides (OP)</b>  |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Dichlorvos                               |     | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Mevinphos (Phosdrin)                     |     | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Demeton (total)                          | 1   | <1         | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      |
| Ethoprop                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Monocrotophos                            | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Phorate                                  | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Dimethoate                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Diazinon                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Disulfoton                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Methyl parathion                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Ronnel                                   | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenitrothion                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Malathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Chlorpyrifos                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Fenthion                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Parathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Stirofos                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Prothiofos                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Azinophos methyl                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Coumaphos                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| TPP (Surr @ 2mg/kg)                      | --  | 103%       | 94%     | 98%     | 96%     | 98%     | 93%     | 99%     | 90%     | 94%     | 91%     |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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**Final**  
**Certificate**  
of Analysis



This report supercedes reports issued on: N/A

| Laboratory Identification                |     | 65334      | 65335   | 65336   | 65337   | 65256d  | 65256r | 65266d  | 65266r | 65275d  | 65275r |
|------------------------------------------|-----|------------|---------|---------|---------|---------|--------|---------|--------|---------|--------|
| Sample Identification                    |     | TP-Dup5    | TP-Dup6 | TP-Dup7 | TP-Dup8 | QC      | QC     | QC      | QC     | QC      | QC     |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --     | --      | --     | --      | --     |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 |         |        |         |        |         |        |
| Laboratory Extraction (Preparation) Date |     | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     |
| Laboratory Analysis Date                 |     | 26/1/07    | 26/1/07 | 26/1/07 | 26/1/07 | 24/1/07 | --     | 24/1/07 | --     | 25/1/07 | --     |
| <b>Method : E014.2</b>                   |     |            |         |         |         |         |        |         |        |         |        |
| <b>Organophosphorus Pesticides (OP)</b>  |     | <b>EQL</b> |         |         |         |         |        |         |        |         |        |
| Dichlorvos                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Mevinphos (Phosdrin)                     | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Demeton (total)                          | 1   | <1         | <1      | <1      | <1      | <1      | --     | <1      | --     | <1      | --     |
| Ethoprop                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Monocrotophos                            | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Phorate                                  | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Dimethoate                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Diazinon                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Disulfoton                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Methyl parathion                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Ronnel                                   | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Fenitrothion                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Malathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Chlorpyrifos                             | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Fenthion                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Parathion                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Stirofos                                 | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Prothiofos                               | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Azinophos methyl                         | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Coumaphos                                | 0.5 | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| TPP (Surr @ 2mg/kg)                      | --  | 101%       | 97%     | 97%     | 98%     | 86%     | 2%     | 88%     | 2%     | 107%    | 12%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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Contact Name: David Lane

Client Reference: Morrisett Validation

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This report supercedes reports issued on: N/A

Final

## Certificate

of Analysis



| Laboratory Identification                |  | 65285d     | 65285r | 65295d  | 65295r | 65258s  | 65277s  | 65297s  | ics     | mb      |  |
|------------------------------------------|--|------------|--------|---------|--------|---------|---------|---------|---------|---------|--|
| Sample Identification                    |  |            | QC     | QC      | QC     | QC      | QC      | QC      | QC      | QC      |  |
| Depth (m)                                |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| Sampling Date recorded on COC            |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | --     | 23/1/07 | --     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |  |
| Laboratory Analysis Date                 |  | 25/1/07    | --     | 25/1/07 | --     | 27/1/07 | 27/1/07 | 27/1/07 | 29/1/07 | 29/1/07 |  |
| <b>Method : E014.2</b>                   |  |            |        |         |        |         |         |         |         |         |  |
| <b>Organophosphorus Pesticides (OP)</b>  |  | <b>EQL</b> |        |         |        |         |         |         |         |         |  |
| Dichlorvos                               |  | 0.5        | <0.5   | --      | --     | 129%    | 129%    | 130%    | 103%    | <0.5    |  |
| Mevinphos (Phosdrin)                     |  | 0.5        | <0.5   | --      | --     | 108%    | 108%    | 112%    | 102%    | <0.5    |  |
| Demeton (total)                          |  | 1          | <1     | --      | --     | 99%     | 115%    | 118%    | 100%    | <1      |  |
| Ethoprop                                 |  | 0.5        | <0.5   | --      | --     | 114%    | 123%    | 129%    | 103%    | <0.5    |  |
| Monocrotophos                            |  | 0.5        | <0.5   | --      | --     | 81%     | 82%     | 71%     | 106%    | <0.5    |  |
| Phorate                                  |  | 0.5        | <0.5   | --      | --     | 103%    | 114%    | 115%    | 105%    | <0.5    |  |
| Dimethoate                               |  | 0.5        | <0.5   | --      | --     | 108%    | 116%    | 114%    | 102%    | <0.5    |  |
| Diazinon                                 |  | 0.5        | <0.5   | --      | --     | 105%    | 105%    | 94%     | 101%    | <0.5    |  |
| Disulfoton                               |  | 0.5        | <0.5   | --      | --     | 103%    | 117%    | 116%    | 105%    | <0.5    |  |
| Methyl parathion                         |  | 0.5        | <0.5   | --      | --     | 130%    | 129%    | 130%    | 103%    | <0.5    |  |
| Ronnel                                   |  | 0.5        | <0.5   | --      | --     | 102%    | 111%    | 110%    | 99%     | <0.5    |  |
| Fenitrothion                             |  | 0.5        | <0.5   | --      | --     | 121%    | 127%    | 130%    | 109%    | <0.5    |  |
| Malathion                                |  | 0.5        | <0.5   | --      | --     | 114%    | 124%    | 125%    | 103%    | <0.5    |  |
| Chlorpyrifos                             |  | 0.5        | <0.5   | --      | --     | 108%    | 115%    | 115%    | 101%    | <0.5    |  |
| Fenthion                                 |  | 0.5        | <0.5   | --      | --     | 106%    | 115%    | 115%    | 101%    | <0.5    |  |
| Parathion                                |  | 0.5        | <0.5   | --      | --     | 127%    | 128%    | 128%    | 107%    | <0.5    |  |
| Stirofos                                 |  | 0.5        | <0.5   | --      | --     | 117%    | 125%    | 124%    | 102%    | <0.5    |  |
| Prothiofos                               |  | 0.5        | <0.5   | --      | --     | 118%    | 124%    | 127%    | 103%    | <0.5    |  |
| Azinophos methyl                         |  | 0.5        | <0.5   | --      | --     | 118%    | 124%    | 126%    | 111%    | <0.5    |  |
| Coumaphos                                |  | 0.5        | <0.5   | --      | --     | 128%    | 129%    | 130%    | 111%    | <0.5    |  |
| TPP (Surr @ 2mg/kg)                      |  | --         | 85%    | 6%      | 6%     | 96%     | 104%    | 104%    | 101%    | 103%    |  |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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| Laboratory Identification                |  | 65256      | 65258   | 65260   | 65262   | 65264   | 65266   | 65268   | 65271   | 65273   | 65275   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V1      | TP-V3   | TP-V5   | TP-V7   | TP-V9   | TP-V11  | TP-V13  | TP-V16  | TP-V18  | TP-V20  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polychlorinated Biphenyls (PCB)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arochlor 1016                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1232                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1242                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1248                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1254                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1260                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PCBs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| DBC (Surr @ 0.2mg/kg)                    |  | 114%       | 88%     | 126%    | 123%    | 103%    | 115%    | 115%    | 126%    | 116%    | 111%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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| Laboratory Identification                |  | 65277      | 65279   | 65281   | 65283   | 65285   | 65287   | 65289   | 65291   | 65293   | 65295   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V22     | TP-V24  | TP-V26  | TP-V28  | TP-V30  | TP-V32  | TP-V34  | TP-V36  | TP-V38  | TP-V40  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polychlorinated Biphenyls (PCB)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arochlor 1016                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1232                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1242                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1248                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1254                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1260                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PCBs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 117%    | 107%    | 119%    | 102%    | 122%    | 101%    | 90%     | 89%     | 101%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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| Laboratory Identification                |  | 65297      | 65299   | 65300   | 65302   | 65304   | 65306   | 65308   | 65310   | 65312   | 65314   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V42     | TP-V44  | TP-VL1  | TP-VL3  | TP-VL5  | TP-VL7  | TP-VL9  | TP-VL11 | TP-VL13 | TP-VL15 |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polychlorinated Biphenyls (PCB)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arochlor 1016                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1232                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1242                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1248                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1254                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1260                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PCBs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| DBC (Surr @ 0.2mg/kg)                    |  | --         | 103%    | 74%     | 96%     | 98%     | 90%     | 96%     | 107%    | 96%     | 107%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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| Laboratory Identification                |  | 65316      | 65318   | 65320   | 65322   | 65324   | 65326   | 65330   | 65331   | 65332   | 65333   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-VL17    | TP-VL19 | TP-VL21 | TP-VL23 | TP-VL25 | TP-VL27 | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | 25/1/07 | 27/1/07 |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Polychlorinated Biphenyls (PCB)</b>   |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arochlor 1016                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1232                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1242                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1248                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1254                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Arochlor 1260                            |  | 0.5        | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| Sum of reported PCBs                     |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| DBC (Surr @ 0.2mg/kg)                    |  | 88%        | 94%     | 75%     | 105%    | 90%     | 91%     | 77%     | 105%    | 70%     | 102%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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| Laboratory Identification                |  | 65334      | 65335   | 65336   | 65337   | 65256d  | 65256r | 65266d  | 65266r | 65275d  | 65275r |
|------------------------------------------|--|------------|---------|---------|---------|---------|--------|---------|--------|---------|--------|
| Sample Identification                    |  | TP-Dup5    | TP-Dup6 | TP-Dup7 | TP-Dup8 | QC      | QC     | QC      | QC     | QC      | QC     |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --     | --      | --     | --      | --     |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | --     | --      | --     | --      | --     |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     |
| Laboratory Analysis Date                 |  | 27/1/07    | 27/1/07 | 27/1/07 | 27/1/07 | 27/1/07 | --     | 27/1/07 | --     | 27/1/07 | --     |
| <b>Method : E013.2</b>                   |  |            |         |         |         |         |        |         |        |         |        |
| <b>Polychlorinated Biphenyls (PCB)</b>   |  | <b>EQL</b> |         |         |         |         |        |         |        |         |        |
| Arochlor 1016                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Arochlor 1232                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Arochlor 1242                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Arochlor 1248                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Arochlor 1254                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Arochlor 1260                            |  | <0.5       | <0.5    | <0.5    | <0.5    | <0.5    | --     | <0.5    | --     | <0.5    | --     |
| Sum of reported PCBs                     |  | --         | --      | --      | --      | --      | --     | --      | --     | --      | --     |
| DBC (Surr @ 0.2mg/kg)                    |  | 86%        | 101%    | 78%     | 96%     | 119%    | 4%     | 115%    | 0%     | 128%    | 14%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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| Laboratory Identification                |  | 65285d     | 65285r | 65295d  | 65295r | 65258s  | 65277s  | 65297s  | lcs     | mb      |  |
|------------------------------------------|--|------------|--------|---------|--------|---------|---------|---------|---------|---------|--|
| Sample Identification                    |  | QC         | QC     | QC      | QC     | QC      | QC      | QC      | QC      | QC      |  |
| Depth (m)                                |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| Sampling Date recorded on COC            |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| Laboratory Extraction (Preparation) Date |  | 23/1/07    | --     | 23/1/07 | --     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |  |
| Laboratory Analysis Date                 |  | 27/1/07    | --     | 27/1/07 | --     | 27/1/07 | 27/1/07 | 27/1/07 | 24/1/07 | 24/1/07 |  |
| <b>Method : E013.2</b>                   |  | <b>EQL</b> |        |         |        |         |         |         |         |         |  |
| <b>Polychlorinated Biphenyls (PCB)</b>   |  |            |        |         |        |         |         |         |         |         |  |
| Arochlor 1016                            |  | <0.5       | --     | <0.5    | --     | --      | --      | --      | --      | <0.5    |  |
| Arochlor 1232                            |  | <0.5       | --     | <0.5    | --     | --      | --      | --      | --      | <0.5    |  |
| Arochlor 1242                            |  | <0.5       | --     | <0.5    | --     | --      | --      | --      | --      | <0.5    |  |
| Arochlor 1248                            |  | <0.5       | --     | <0.5    | --     | 88%     | 102%    | 100%    | 115%    | <0.5    |  |
| Arochlor 1254                            |  | <0.5       | --     | <0.5    | --     | --      | --      | --      | --      | <0.5    |  |
| Arochlor 1260                            |  | <0.5       | --     | <0.5    | --     | --      | --      | --      | --      | <0.5    |  |
| Sum of reported PCBs                     |  | --         | --     | --      | --     | --      | --      | --      | --      | --      |  |
| DBC (Surr @ 0.2mg/kg)                    |  | 115%       | 12%    | 104%    | 3%     | 100%    | 92%     | 70%     | 117%    | 119%    |  |

Results expressed in mg/kg dry weight unless otherwise specified

Comments:

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



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This report supersedes reports issued on: N/A

| Laboratory Identification                |     | 65256      | 65257   | 65258   | 65259   | 65260   | 65261   | 65262   | 65263   | 65264   | 65265   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V1      | TP-V2   | TP-V3   | TP-V4   | TP-V5   | TP-V6   | TP-V7   | TP-V8   | TP-V9   | TP-V10  |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 24/1/07    | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Laboratory Analysis Date                 |     | 25/1/07    | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | 2          | 3       | 2       | 1       | 1       | 3       | <1      | <1      | 2       | 2       |
| Cadmium                                  | 0.1 | <0.1       | <0.1    | 0.2     | 0.2     | 0.1     | 0.1     | 0.1     | <0.1    | 0.2     | <0.1    |
| Chromium                                 | 1   | 14         | 12      | 11      | 8       | 4       | 8       | 4       | 4       | 6       | 13      |
| Copper                                   | 2   | 9          | 22      | 8       | 8       | 5       | 9       | 3       | <2      | 15      | 7       |
| Nickel                                   | 1   | 11         | 21      | 2       | 2       | 1       | 2       | <1      | <1      | 2       | 12      |
| Lead                                     | 2   | 7          | 21      | 72      | 22      | 14      | 15      | 15      | 3       | 40      | 7       |
| Zinc                                     | 5   | 34         | 100     | 140     | 160     | 96      | 72      | 51      | <5      | 87      | 31      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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**Client Name:** David Lane Associates  
**Contact Name:** David Lane  
**Client Reference** Morrisett Validation

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| Laboratory Identification                |     | 65266      | 65267   | 65268   | 65269   | 65270   | 65271   | 65272   | 65273   | 65274   | 65275   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V11     | TP-V12  | TP-V13  | TP-V14  | TP-V15  | TP-V16  | TP-V17  | TP-V18  | TP-V19  | TP-V20  |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 24/1/07    | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Laboratory Analysis Date                 |     | 25/1/07    | 25/1/07 | 25/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | 1          | 2       | 3       | 2       | 2       | 1       | 1       | 2       | 2       | <1      |
| Cadmium                                  | 0.1 | <0.1       | <0.1    | <0.1    | <0.1    | 0.2     | <0.1    | 0.3     | <0.1    | <0.1    | <0.1    |
| Chromium                                 | 1   | 6          | 14      | 13      | 11      | 7       | 4       | 6       | 9       | 11      | 5       |
| Copper                                   | 2   | 7          | 3       | 5       | 4       | 10      | <2      | 4       | 11      | 3       | <2      |
| Nickel                                   | 1   | 3          | <1      | 2       | 1       | 2       | <1      | 1       | 1       | <1      | <1      |
| Lead                                     | 2   | 16         | 12      | 24      | 8       | 39      | 3       | 11      | 23      | 10      | 3       |
| Zinc                                     | 5   | 50         | 84      | 53      | 46      | 140     | 5       | 53      | 47      | 20      | 9       |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |     | 65276      | 65277   | 65278   | 65279   | 65280   | 65281   | 65282   | 65283   | 65284   | 65285   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V21     | TP-V22  | TP-V23  | TP-V24  | TP-V25  | TP-V26  | TP-V27  | TP-V28  | TP-V29  | TP-V30  |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 24/1/07    | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Laboratory Analysis Date                 |     | 26/1/07    | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 | 26/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | <1         | 2       | 3       | 3       | 7       | 3       | 2       | 3       | 3       | 3       |
| Cadmium                                  | 0.1 | <0.1       | <0.1    | <0.1    | 0.2     | 0.2     | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    |
| Chromium                                 | 1   | 5          | 9       | 11      | 8       | 10      | 14      | 12      | 12      | 12      | 15      |
| Copper                                   | 2   | <2         | 7       | 6       | 8       | 10      | 3       | 2       | 7       | 4       | 6       |
| Nickel                                   | 1   | <1         | 2       | 2       | 2       | 1       | <1      | <1      | 3       | 1       | <1      |
| Lead                                     | 2   | 5          | 22      | 11      | 18      | 44      | 9       | 8       | 15      | 12      | 13      |
| Zinc                                     | 5   | 8          | 56      | 21      | 30      | 62      | 28      | 20      | 90      | 40      | 95      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |     | 65286      | 65287   | 65288   | 65289   | 65290   | 65291   | 65292   | 65293   | 65294   | 65295   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V31     | TP-V32  | TP-V33  | TP-V34  | TP-V35  | TP-V36  | TP-V37  | TP-V38  | TP-V39  | TP-V40  |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 24/1/07    | 24/1/07 | 24/1/07 | 24/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                 |     | 26/1/07    | 26/1/07 | 26/1/07 | 26/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | 3          | 1       | 1       | 1       | 4       | 4       | 2       | 4       | 1       | 1       |
| Cadmium                                  | 0.1 | <0.1       | 0.1     | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | 0.2     | 0.2     | <0.1    |
| Chromium                                 | 1   | 17         | 5       | 11      | 6       | 8       | 6       | 11      | 5       | 5       | 4       |
| Copper                                   | 2   | 2          | 6       | <2      | 4       | 2       | 5       | 6       | 4       | 6       | 6       |
| Nickel                                   | 1   | <1         | 1       | <1      | <1      | 3       | 1       | <1      | 5       | 1       | 1       |
| Lead                                     | 2   | 7          | 19      | 4       | 9       | 8       | 10      | 11      | 10      | 13      | 8       |
| Zinc                                     | 5   | 29         | 47      | 6       | 18      | 10      | 50      | 33      | 25      | 45      | 27      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |  | 65296      | 65297   | 65298   | 65299   | 65300   | 65301   | 65302   | 65303   | 65304   | 65305   |
|------------------------------------------|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | TP-V41     | TP-V42  | TP-V43  | TP-V44  | TP-VL1  | TP-VL2  | TP-VL3  | TP-VL4  | TP-VL5  | TP-VL6  |
| Depth (m)                                |  | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |  | 29/1/07    | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                 |  | 30/1/07    | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| <b>Method : E022.2</b>                   |  |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |  | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  |  | 1          | 2       | 2       | 2       | <1      | <1      | 1       | <1      | 2       | <1      |
| Cadmium                                  |  | 0.1        | <0.1    | 0.1     | 0.1     | <0.1    | <0.1    | 0.2     | <0.1    | <0.1    | <0.1    |
| Chromium                                 |  | 1          | 10      | 5       | 4       | 3       | 4       | 7       | 4       | 3       | 4       |
| Copper                                   |  | 2          | 7       | 11      | 5       | 3       | 2       | 6       | <2      | 2       | <2      |
| Nickel                                   |  | 1          | 1       | 2       | 1       | <1      | <1      | 1       | <1      | <1      | <1      |
| Lead                                     |  | 2          | 24      | 20      | 13      | 7       | 6       | 18      | 3       | 5       | 4       |
| Zinc                                     |  | 5          | 160     | 63      | 30      | 17      | 9       | 27      | 5       | 10      | 6       |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |     | 65306      | 65307   | 65308   | 65309   | 65310   | 65311   | 65312   | 65313   | 65314   | 65315   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL7     | TP-VL8  | TP-VL9  | TP-VL10 | TP-VL11 | TP-VL12 | TP-VL13 | TP-VL14 | TP-VL15 | TP-VL16 |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 29/1/07    | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                 |     | 30/1/07    | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | 1          | 1       | 1       | <1      | <1      | 2       | 2       | 2       | <1      | 1       |
| Cadmium                                  | 0.1 | <0.1       | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | 0.2     | 0.1     | 0.1     | <0.1    |
| Chromium                                 | 1   | 4          | 7       | 8       | 5       | 4       | 11      | 9       | 7       | 5       | 7       |
| Copper                                   | 2   | 2          | 3       | 3       | 59      | 2       | 6       | 13      | 13      | 4       | 9       |
| Nickel                                   | 1   | <1         | <1      | <1      | <1      | <1      | 2       | 9       | 1       | <1      | <1      |
| Lead                                     | 2   | 5          | 8       | 7       | 8       | 5       | 11      | 15      | 20      | 19      | 12      |
| Zinc                                     | 5   | 8          | 19      | 19      | 25      | 11      | 61      | 79      | 81      | 26      | 16      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |     | 65316      | 65317   | 65318   | 65319   | 65320   | 65321   | 65322   | 65323   | 65324   | 65325   |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL17    | TP-VL18 | TP-VL19 | TP-VL20 | TP-VL21 | TP-VL22 | TP-VL23 | TP-VL24 | TP-VL25 | TP-VL26 |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 29/1/07    | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                 |     | 30/1/07    | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | 1          | <1      | 2       | 1       | 3       | 1       | <1      | <1      | <1      | 2       |
| Cadmium                                  | 0.1 | <0.1       | 0.2     | 0.1     | 0.1     | <0.1    | 0.1     | 0.1     | 0.2     | 0.2     | <0.1    |
| Chromium                                 | 1   | 7          | 7       | 6       | 4       | 12      | 3       | 2       | 3       | 4       | 4       |
| Copper                                   | 2   | 2          | 4       | 5       | 9       | 8       | 3       | 3       | 3       | 3       | 3       |
| Nickel                                   | 1   | <1         | <1      | <1      | <1      | 2       | 1       | <1      | <1      | <1      | 2       |
| Lead                                     | 2   | 9          | 8       | 51      | 26      | 10      | 6       | 6       | 5       | 6       | 4       |
| Zinc                                     | 5   | 23         | 25      | 51      | 64      | 31      | 17      | 12      | 13      | 18      | 11      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |     | 65326      | 65330   | 65331   | 65332   | 65333   | 65334   | 65335   | 65336   | 65337   | 65256d  |
|------------------------------------------|-----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL27    | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 | TP-Dup5 | TP-Dup6 | TP-Dup7 | TP-Dup8 | QC      |
| Depth (m)                                |     | --         | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | --      |
| Laboratory Extraction (Preparation) Date |     | 29/1/07    | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 24/1/07 |
| Laboratory Analysis Date                 |     | 30/1/07    | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 25/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |         |         |         |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |         |         |         |         |         |         |         |         |
| Arsenic                                  | 1   | 2          | 1       | 4       | 3       | 2       | 3       | <1      | <1      | <1      | 2       |
| Cadmium                                  | 0.1 | 0.1        | <0.1    | 0.1     | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | 0.2     | <0.1    |
| Chromium                                 | 1   | 3          | 6       | 10      | 15      | 13      | 13      | 4       | 6       | 6       | 14      |
| Copper                                   | 2   | 3          | 2       | 10      | 5       | 3       | 4       | <2      | 28      | 5       | 9       |
| Nickel                                   | 1   | 1          | <1      | 3       | 1       | <1      | <1      | <1      | <1      | <1      | 10      |
| Lead                                     | 2   | 5          | 7       | 15      | 11      | 7       | 12      | 3       | 8       | 9       | 7       |
| Zinc                                     | 5   | 12         | 10      | 79      | 45      | 23      | 90      | 5       | 24      | 29      | 35      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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**Contact Name:** David Lane  
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| Laboratory Identification                |     | 65256r     | 65266d  | 65266r | 65275d  | 65275r | 65285d  | 65285r | 65295d  | 65295r | 65303d  |
|------------------------------------------|-----|------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Sample Identification                    |     | QC         | QC      | QC     | QC      | QC     | QC      | QC     | QC      | QC     | QC      |
| Depth (m)                                |     | --         | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Sampling Date recorded on COC            |     | --         | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Laboratory Extraction (Preparation) Date |     | --         | 24/1/07 | --     | 24/1/07 | --     | 24/1/07 | --     | 29/1/07 | --     | 29/1/07 |
| Laboratory Analysis Date                 |     | --         | 25/1/07 | --     | 26/1/07 | --     | 26/1/07 | --     | 30/1/07 | --     | 30/1/07 |
| <b>Method : E022.2</b>                   |     |            |         |        |         |        |         |        |         |        |         |
| <b>Acid extractable metals (M7)</b>      |     | <b>EQL</b> |         |        |         |        |         |        |         |        |         |
| Arsenic                                  | 1   | 0%         | 1       | 0%     | <1      | --     | 2       | 40%    | <1      | >0%    | <1      |
| Cadmium                                  | 0.1 | --         | <0.1    | --     | <0.1    | --     | <0.1    | --     | <0.1    | --     | <0.1    |
| Chromium                                 | 1   | 0%         | 6       | 0%     | 4       | 22%    | 14      | 7%     | 4       | 0%     | 4       |
| Copper                                   | 2   | 0%         | 7       | 0%     | <2      | --     | 2       | 100%   | 6       | 0%     | <2      |
| Nickel                                   | 1   | 10%        | 3       | 0%     | <1      | --     | 1       | >0%    | 1       | 0%     | <1      |
| Lead                                     | 2   | 0%         | 16      | 0%     | 3       | 0%     | 7       | 60%    | 8       | 0%     | 3       |
| Zinc                                     | 5   | 3%         | 50      | 0%     | 8       | 12%    | 15      | 145%   | 26      | 4%     | <5      |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                |  | 65303r     | 65315d  | 65315r | 65323d  | 65323r | 65285t  | 65258s  | 65277s  | 65297s  | 65317s  |
|------------------------------------------|--|------------|---------|--------|---------|--------|---------|---------|---------|---------|---------|
| Sample Identification                    |  | QC         | QC      | QC     | QC      | QC     | QC      | QC      | QC      | QC      | QC      |
| Depth (m)                                |  | --         | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |  | --         | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| Laboratory Extraction (Preparation) Date |  | --         | 29/1/07 | --     | 29/1/07 | --     | 29/1/07 | 24/1/07 | 24/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                 |  | --         | 30/1/07 | --     | 30/1/07 | --     | 30/1/07 | 25/1/07 | 26/1/07 | 30/1/07 | 30/1/07 |
| <b>Method : E022.2</b>                   |  | <b>EQL</b> |         |        |         |        |         |         |         |         |         |
| <b>Acid extractable metals (M7)</b>      |  | 1          |         | 0%     |         | 1      |         | 107%    |         | 101%    |         |
| Arsenic                                  |  | --         | 1       | 0%     | 1       | >0%    | --      | --      | 101%    | 85%     | 105%    |
| Cadmium                                  |  | --         | <0.1    | --     | 0.2     | 0%     | --      | 93%     | 89%     | 98%     | 92%     |
| Chromium                                 |  | 0%         | 8       | 13%    | 3       | 0%     | --      | 120%    | 107%    | 107%    | 116%    |
| Copper                                   |  | --         | 9       | 0%     | 3       | 0%     | 2       | 110%    | 91%     | 100%    | 106%    |
| Nickel                                   |  | --         | <1      | --     | <1      | --     | --      | 100%    | 97%     | 99%     | 102%    |
| Lead                                     |  | 0%         | 12      | 0%     | 6       | 18%    | 7       | #       | 59%     | 105%    | 97%     |
| Zinc                                     |  | >0%        | 17      | 6%     | 15      | 14%    | 16      | #       | #       | 77%     | 110%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                                          |            | crm     | crm     | lcs     | lcs     | lcs     | mb      | mb      | mb      |  |  |  |
|--------------------------------------------------------------------|------------|---------|---------|---------|---------|---------|---------|---------|---------|--|--|--|
| Sample Identification                                              |            | QC      | QC      | QC      | QC      | QC      | QC      | QC      | QC      |  |  |  |
| Depth (m)                                                          |            | --      | --      | --      | --      | --      | --      | --      | --      |  |  |  |
| Sampling Date recorded on COC                                      |            | --      | --      | --      | --      | --      | --      | --      | --      |  |  |  |
| Laboratory Extraction (Preparation) Date                           |            | 24/1/07 | 29/1/07 | 24/1/07 | 24/1/07 | 29/1/07 | 24/1/07 | 24/1/07 | 29/1/07 |  |  |  |
| Laboratory Analysis Date                                           |            | 25/1/07 | 30/1/07 | 25/1/07 | 25/1/07 | 30/1/07 | 25/1/07 | 25/1/07 | 30/1/07 |  |  |  |
| <b>Method : E022.2</b>                                             |            |         |         |         |         |         |         |         |         |  |  |  |
| <b>Acid extractable metals (M7)</b>                                |            |         |         |         |         |         |         |         |         |  |  |  |
| Arsenic<br>Cadmium<br>Chromium<br>Copper<br>Nickel<br>Lead<br>Zinc | <b>EQL</b> | 1       | 108%    | 112%    | 103%    | 109%    | <1      | <1      | <1      |  |  |  |
|                                                                    | 0.1        | 100%    | 95%     | 101%    | 101%    | 96%     | <0.1    | <0.1    | <0.1    |  |  |  |
|                                                                    | 1          | 107%    | 111%    | 105%    | 108%    | 108%    | <1      | <1      | <1      |  |  |  |
|                                                                    | 2          | 101%    | 102%    | 104%    | 104%    | 104%    | <2      | <2      | <2      |  |  |  |
|                                                                    | 1          | 106%    | 109%    | 104%    | 104%    | 106%    | <1      | <1      | <1      |  |  |  |
|                                                                    | 2          | 110%    | 100%    | 102%    | 102%    | 104%    | <2      | <2      | <2      |  |  |  |
|                                                                    | 5          | 95%     | 99%     | 98%     | 98%     | 110%    | <5      | <5      | <5      |  |  |  |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: # Percent recovery not available due to significant background levels of analyte in sample.

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



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| Laboratory Identification                   |  | 65256       | 65257   | 65258   | 65259   | 65260   | 65261   | 65262   | 65263   | 65264   | 65265   |
|---------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                       |  | TP-V1       | TP-V2   | TP-V3   | TP-V4   | TP-V5   | TP-V6   | TP-V7   | TP-V8   | TP-V9   | TP-V10  |
| Depth (m)                                   |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC               |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date    |  | 24/1/07     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Laboratory Analysis Date                    |  | 25/1/07     | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| Method : E026.2<br>Acid extractable mercury |  | EQL<br>0.05 |         |         | 0.07    | 0.05    | 0.05    | 0.05    | <0.05   | 0.13    | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

| Laboratory Identification                   |  | 65266       | 65267   | 65268   | 65269   | 65270   | 65271   | 65272   | 65273   | 65274   | 65275   |
|---------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                       |  | TP-V11      | TP-V12  | TP-V13  | TP-V14  | TP-V15  | TP-V16  | TP-V17  | TP-V18  | TP-V19  | TP-V20  |
| Depth (m)                                   |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC               |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date    |  | 24/1/07     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Laboratory Analysis Date                    |  | 25/1/07     | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 | 25/1/07 |
| Method : E026.2<br>Acid extractable mercury |  | EQL<br>0.05 |         |         | <0.05   | 0.11    | <0.05   | 0.05    | 0.11    | 0.08    | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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| Laboratory Identification                   |  | 65276       | 65277   | 65278   | 65279   | 65280   | 65281   | 65282   | 65283   | 65284   | 65285   |
|---------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                       |  | TP-V21      | TP-V22  | TP-V23  | TP-V24  | TP-V25  | TP-V26  | TP-V27  | TP-V28  | TP-V29  | TP-V30  |
| Depth (m)                                   |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC               |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date    |  | 24/1/07     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Laboratory Analysis Date                    |  | 29/1/07     | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Method : E026.2<br>Acid extractable mercury |  | EQL<br>0.05 |         |         |         |         |         |         |         |         |         |
| Mercury                                     |  | <0.05       | 0.05    | 0.07    | 0.09    | 0.1     | <0.05   | <0.05   | <0.05   | <0.05   | 0.05    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

| Laboratory Identification                   |  | 65286       | 65287   | 65288   | 65289   | 65290   | 65291   | 65292   | 65293   | 65294   | 65295   |
|---------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                       |  | TP-V31      | TP-V32  | TP-V33  | TP-V34  | TP-V35  | TP-V36  | TP-V37  | TP-V38  | TP-V39  | TP-V40  |
| Depth (m)                                   |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC               |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date    |  | 24/1/07     | 24/1/07 | 24/1/07 | 24/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                    |  | 29/1/07     | 29/1/07 | 29/1/07 | 29/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| Method : E026.2<br>Acid extractable mercury |  | EQL<br>0.05 |         |         |         |         |         |         |         |         |         |
| Mercury                                     |  | <0.05       | 0.05    | <0.05   | 0.05    | 0.06    | 0.11    | 0.09    | 0.06    | 0.06    | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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| Laboratory Identification                   |  | 65296       | 65297   | 65298   | 65299   | 65300   | 65301   | 65302   | 65303   | 65304   | 65305   |
|---------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                       |  | TP-V41      | TP-V42  | TP-V43  | TP-V44  | TP-VL1  | TP-VL2  | TP-VL3  | TP-VL4  | TP-VL5  | TP-VL6  |
| Depth (m)                                   |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC               |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date    |  | 29/1/07     | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                    |  | 30/1/07     | 30/1/07 | 31/1/07 | 30/1/07 | 31/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| Method : E026.2<br>Acid extractable mercury |  | EQL<br>0.05 |         |         |         |         |         |         |         |         |         |
| Mercury                                     |  | <0.05       | <0.05   | 0.13    | 0.12    | 0.12    | 0.05    | 0.09    | <0.05   | 0.05    | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

| Laboratory Identification                   |  | 65306       | 65307   | 65308   | 65309   | 65310   | 65311   | 65312   | 65313   | 65314   | 65315   |
|---------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                       |  | TP-VL7      | TP-VL8  | TP-VL9  | TP-VL10 | TP-VL11 | TP-VL12 | TP-VL13 | TP-VL14 | TP-VL15 | TP-VL16 |
| Depth (m)                                   |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC               |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date    |  | 29/1/07     | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                    |  | 30/1/07     | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| Method : E026.2<br>Acid extractable mercury |  | EQL<br>0.05 |         |         |         |         |         |         |         |         |         |
| Mercury                                     |  | <0.05       | 0.05    | 0.05    | 0.06    | 0.05    | 0.05    | 0.05    | 0.06    | 0.06    | 0.05    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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| Laboratory Identification                              |  | 65316       | 65317   | 65318   | 65319   | 65320   | 65321   | 65322   | 65323   | 65324   | 65325   |
|--------------------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                                  |  | TP-VL17     | TP-VL18 | TP-VL19 | TP-VL20 | TP-VL21 | TP-VL22 | TP-VL23 | TP-VL24 | TP-VL25 | TP-VL26 |
| Depth (m)                                              |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC                          |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date               |  | 29/1/07     | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 |
| Laboratory Analysis Date                               |  | 31/1/07     | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 |
| Method : E026.2<br>Acid extractable mercury<br>Mercury |  | EQL<br>0.05 | 0.1     | <0.05   | 0.11    | 0.06    | 0.06    | <0.05   | <0.05   | <0.05   | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

| Laboratory Identification                              |  | 65326       | 65330   | 65331   | 65332   | 65333   | 65334   | 65335   | 65336   | 65337   | 65256d  |
|--------------------------------------------------------|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                                  |  | TP-VL27     | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 | TP-Dup5 | TP-Dup6 | TP-Dup7 | TP-Dup8 | QC      |
| Depth (m)                                              |  | --          | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC                          |  | 19/1/07     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | --      |
| Laboratory Extraction (Preparation) Date               |  | 29/1/07     | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 29/1/07 | 24/1/07 |
| Laboratory Analysis Date                               |  | 30/1/07     | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 30/1/07 | 25/1/07 |
| Method : E026.2<br>Acid extractable mercury<br>Mercury |  | EQL<br>0.05 | <0.05   | 0.05    | 0.06    | <0.05   | <0.05   | <0.05   | 0.05    | 0.05    | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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| Laboratory Identification                                            |  | 65256r      | 65266d  | 65266r | 65275d  | 65275r | 65285d  | 65285r | 65295d  | 65295r | 65303d  |
|----------------------------------------------------------------------|--|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Sample Identification                                                |  | QC          | QC      | QC     | QC      | QC     | QC      | QC     | QC      | QC     | QC      |
| Depth (m)                                                            |  | --          | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Sampling Date recorded on COC                                        |  | --          | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Laboratory Extraction (Preparation) Date                             |  | --          | 24/1/07 | --     | 24/1/07 | --     | 24/1/07 | --     | 29/1/07 | --     | 29/1/07 |
| Laboratory Analysis Date                                             |  | --          | 25/1/07 | --     | 29/1/07 | --     | 29/1/07 | --     | 30/1/07 | --     | 30/1/07 |
| <b>Method : E026.2</b><br><b>Acid extractable mercury</b><br>Mercury |  | EQL<br>0.05 |         |        |         |        |         |        |         |        |         |
|                                                                      |  | --          | 0.08    | 29%    | <0.05   | --     | <0.05   | >0%    | <0.05   | --     | <0.05   |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.

| Laboratory Identification                                            |  | 65303r      | 65315d  | 65315r | 65323d  | 65323r | 65258s  | 65277s  | 65297s  | 65317s  | crm     |
|----------------------------------------------------------------------|--|-------------|---------|--------|---------|--------|---------|---------|---------|---------|---------|
| Sample Identification                                                |  | QC          | QC      | QC     | QC      | QC     | QC      | QC      | QC      | QC      | QC      |
| Depth (m)                                                            |  | --          | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC                                        |  | --          | --      | --     | --      | --     | --      | --      | --      | --      | --      |
| Laboratory Extraction (Preparation) Date                             |  | --          | 29/1/07 | --     | 29/1/07 | --     | 24/1/07 | 24/1/07 | 29/1/07 | 29/1/07 | 24/1/07 |
| Laboratory Analysis Date                                             |  | --          | 30/1/07 | --     | 30/1/07 | --     | 25/1/07 | 29/1/07 | 30/1/07 | 30/1/07 | 24/1/07 |
| <b>Method : E026.2</b><br><b>Acid extractable mercury</b><br>Mercury |  | EQL<br>0.05 |         |        |         |        |         |         |         |         |         |
|                                                                      |  | --          | 0.06    | 18%    | <0.05   | --     | 86%     | 110%    | 98%     | 88%     | 119%    |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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Contact Name: David Lane

Client Reference: Morrisett Validation

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Date: 01/02/07

This report supercedes reports issued on: N/A

Final

# Certificate of Analysis



| Laboratory Identification                   |      | crm     | lcs     | lcs     | mb      | mb      |  |  |  |  |
|---------------------------------------------|------|---------|---------|---------|---------|---------|--|--|--|--|
| Sample Identification                       |      | QC      | QC      | QC      | QC      | QC      |  |  |  |  |
| Depth (m)                                   |      | --      | --      | --      | --      | --      |  |  |  |  |
| Sampling Date recorded on COC               |      | --      | --      | --      | --      | --      |  |  |  |  |
| Laboratory Extraction (Preparation) Date    |      | 29/1/07 | 24/1/07 | 29/1/07 | 24/1/07 | 29/1/07 |  |  |  |  |
| Laboratory Analysis Date                    |      | 29/1/07 | 24/1/07 | 29/1/07 | 24/1/07 | 29/1/07 |  |  |  |  |
| Method : E026.2<br>Acid extractable mercury | EQL  |         |         |         |         |         |  |  |  |  |
|                                             | 0.05 | 125%    | 97%     | 80%     | <0.05   | <0.05   |  |  |  |  |

Results expressed in mg/kg dry weight unless otherwise specified

Comments: \*EQL increased due to matrix interference.

E026.2: 0.5g digested with nitric/hydrochloric acid. Analysis by CV-ICP-MS or FIMS.



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# Certificate of Analysis



| Laboratory Identification                |          | 65256   | 65257   | 65258   | 65259   | 65260   | 65261   | 65262   | 65263   | 65264   | 65265   |
|------------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |          | TP-V1   | TP-V2   | TP-V3   | TP-V4   | TP-V5   | TP-V6   | TP-V7   | TP-V8   | TP-V9   | TP-V10  |
| Depth (m)                                |          | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |          | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |          | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |          | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |          |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL      | --      | 3       | 4       | 5       | 4       | 8       | 7       | 6       | 5       | 3       |
|                                          | Moisture |         |         |         |         |         |         |         |         |         | --      |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

| Laboratory Identification                |          | 65266   | 65267   | 65268   | 65269   | 65270   | 65271   | 65272   | 65273   | 65274   | 65275   |
|------------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |          | TP-V11  | TP-V12  | TP-V13  | TP-V14  | TP-V15  | TP-V16  | TP-V17  | TP-V18  | TP-V19  | TP-V20  |
| Depth (m)                                |          | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |          | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |          | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |          | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |          |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL      | --      | 5       | 2       | 1       | 5       | 13      | 11      | 4       | 3       | 9       |
|                                          | Moisture |         |         |         |         |         |         |         |         |         |         |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



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| Laboratory Identification                |     | 65276   | 65277   | 65278   | 65279   | 65280   | 65281   | 65282   | 65283   | 65284   | 65285   |
|------------------------------------------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V21  | TP-V22  | TP-V23  | TP-V24  | TP-V25  | TP-V26  | TP-V27  | TP-V28  | TP-V29  | TP-V30  |
| Depth (m)                                |     | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |     |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL | 3       | 3       | 1       | 6       | 4       | 1       | 1       | 2       | 3       | 1       |
|                                          | --  |         |         |         |         |         |         |         |         |         |         |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

| Laboratory Identification                |     | 65286   | 65287   | 65288   | 65289   | 65290   | 65291   | 65292   | 65293   | 65294   | 65295   |
|------------------------------------------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V31  | TP-V32  | TP-V33  | TP-V34  | TP-V35  | TP-V36  | TP-V37  | TP-V38  | TP-V39  | TP-V40  |
| Depth (m)                                |     | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |     |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL | 5       | 3       | 8       | 6       | 10      | 9       | 3       | 3       | 4       | 6       |
|                                          | --  |         |         |         |         |         |         |         |         |         |         |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



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| Laboratory Identification                |     | 65296   | 65297   | 65298   | 65299   | 65300   | 65301   | 65302   | 65303   | 65304   | 65305   |
|------------------------------------------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-V41  | TP-V42  | TP-V43  | TP-V44  | TP-VL1  | TP-VL2  | TP-VL3  | TP-VL4  | TP-VL5  | TP-VL6  |
| Depth (m)                                |     | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |     |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL | 1       | 1       | 1       | 13      | 4       | 4       | 12      | 3       | 3       | 4       |
|                                          | --  |         |         |         |         |         |         |         |         |         |         |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

| Laboratory Identification                |     | 65306   | 65307   | 65308   | 65309   | 65310   | 65311   | 65312   | 65313   | 65314   | 65315   |
|------------------------------------------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL7  | TP-VL8  | TP-VL9  | TP-VL10 | TP-VL11 | TP-VL12 | TP-VL13 | TP-VL14 | TP-VL15 | TP-VL16 |
| Depth (m)                                |     | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |     |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL | 2       | 3       | 8       | 10      | 6       | 10      | 7       | 7       | 5       | 5       |
|                                          | --  |         |         |         |         |         |         |         |         |         |         |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



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| Laboratory Identification                |     | 65316   | 65317   | 65318   | 65319   | 65320   | 65321   | 65322   | 65323   | 65324   | 65325   |
|------------------------------------------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL17 | TP-VL18 | TP-VL19 | TP-VL20 | TP-VL21 | TP-VL22 | TP-VL23 | TP-VL24 | TP-VL25 | TP-VL26 |
| Depth (m)                                |     | --      | --      | --      | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |     |         |         |         |         |         |         |         |         |         |         |
| Moisture                                 | EQL |         |         |         |         |         |         |         |         |         |         |
|                                          | --  | 7       | 10      | 5       | 1       | 11      | 10      | 2       | 7       | 3       | 8       |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

| Laboratory Identification                |     | 65326   | 65328      | 65329      | 65330   | 65331   | 65332   | 65333   | 65334   | 65335   | 65336   |
|------------------------------------------|-----|---------|------------|------------|---------|---------|---------|---------|---------|---------|---------|
| Sample Identification                    |     | TP-VL27 | Trip Blank | Trip Spike | TP-Dup1 | TP-Dup2 | TP-Dup3 | TP-Dup4 | TP-Dup5 | TP-Dup6 | TP-Dup7 |
| Depth (m)                                |     | --      | --         | --         | --      | --      | --      | --      | --      | --      | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | 19/1/07    | 19/1/07    | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 | 19/1/07 |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07    | 23/1/07    | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07    | 24/1/07    | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 | 24/1/07 |
| Method : E005.2                          |     |         |            |            |         |         |         |         |         |         |         |
| Moisture                                 | EQL |         |            |            |         |         |         |         |         |         |         |
|                                          | --  | 7       | --         | 8          | 4       | 8       | 2       | 1       | 1       | 3       | 8       |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



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Contact Name: David Lane

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| Laboratory Identification                |     | 65337   | 65256d  | 65256r | 65266d  | 65266r | 65275d  | 65275r | 65285d  | 65285r | 65295d  |
|------------------------------------------|-----|---------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| Sample Identification                    |     | TP-Dup8 | QC      | QC     | QC      | QC     | QC      | QC     | QC      | QC     | QC      |
| Depth (m)                                |     | --      | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Sampling Date recorded on COC            |     | 19/1/07 | --      | --     | --      | --     | --      | --     | --      | --     | --      |
| Laboratory Extraction (Preparation) Date |     | 23/1/07 | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 |
| Laboratory Analysis Date                 |     | 24/1/07 | 24/1/07 | --     | 24/1/07 | --     | 24/1/07 | --     | 24/1/07 | --     | 24/1/07 |
| Method : E005.2                          |     |         |         |        |         |        |         |        |         |        |         |
| Moisture                                 | EQL | 6       | 3       | 0%     | 5       | 0%     | 11      | 20%    | 2       | 67%    | 8       |
|                                          | --  |         |         |        |         |        |         |        |         |        |         |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.

| Laboratory Identification                |     | 65295r | 65303d  | 65303r | 65315d  | 65315r | 65323d  | 65323r |  |  |
|------------------------------------------|-----|--------|---------|--------|---------|--------|---------|--------|--|--|
| Sample Identification                    |     | QC     | QC      | QC     | QC      | QC     | QC      | QC     |  |  |
| Depth (m)                                |     | --     | --      | --     | --      | --     | --      | --     |  |  |
| Sampling Date recorded on COC            |     | --     | --      | --     | --      | --     | --      | --     |  |  |
| Laboratory Extraction (Preparation) Date |     | --     | 23/1/07 | --     | 23/1/07 | --     | 23/1/07 | --     |  |  |
| Laboratory Analysis Date                 |     | --     | 24/1/07 | --     | 24/1/07 | --     | 24/1/07 | --     |  |  |
| Method : E005.2                          |     |        |         |        |         |        |         |        |  |  |
| Moisture                                 | EQL | 29%    | 3       | 0%     | 5       | 0%     | 7       | 0%     |  |  |
|                                          | --  |        |         |        |         |        |         |        |  |  |

Results expressed in % w/w unless otherwise specified

Comments:

E005.2: Moisture by gravimetric analysis. Results are in % w/w.



Quality, Service, Support

Report Date : 22/01/2007  
Report Time : 2:58:19PM

# Sample Receipt

## Notice (SRN) for E030062



| Client Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            | Laboratory Reference Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Client Name:</b> David Lane Associates<br><b>Client Phone:</b> 02 4938 3800<br><b>Client Fax:</b> 02 4938 3811<br><b>Contact Name:</b> David Lane<br><b>Contact Email:</b> dlassociates@bigpond.com<br><b>Client Address:</b> "Ayrfield" Lot 18 Old North Road<br>North Rothbury NSW 2335<br><br><b>Project Name:</b> Morrisett Validation<br><b>Project Number:</b> - Not provided -<br><b>CoC Number:</b> S08601-S08609<br><b>Purchase Order:</b> - Not provided -<br><b>Surcharge:</b> No surcharge applied (results by 6:30pm on due date)<br><b>Sample Matrix:</b> SOIL & WATER |            | <b>Please have this information ready when contacting Labmark.</b><br><br><b>Laboratory Report:</b> E030062<br><b>Quotation Number:</b> - Not provided, standard prices apply<br><b>Laboratory Address:</b> Unit 1, 8 Leighton Pl.<br>Asquith NSW 2077<br><br><b>Phone:</b> 61 2 9476 6533<br><b>Fax:</b> 61 2 9476 8219<br><br><b>Sample Receipt Contact:</b> Jakleen El Galada<br><b>Email:</b> jakleen.galada@labmark.com.au<br><b>Reporting Contact:</b> Jyothi Lal<br><b>Email:</b> jyothi.lal@labmark.com.au |                    |
| <b>Date Sampled (earliest date):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 19/01/2007 | <b>NATA Accreditation:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 13542              |
| <b>Date Samples Received:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 19/01/2007 | <b>TGA GMP License:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 185-336 (Sydney)   |
| <b>Date Sample Receipt Notice issued:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 22/01/2007 | <b>APVMA License:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6105 (Sydney)      |
| <b>Date Preliminary Report Due:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 01/02/2007 | <b>AQIS Approval:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NO356 (Sydney)     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            | <b>AQIS Entry Permit:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 200409998 (Sydney) |

### Sample Condition:

COC received with samples. Report number and lab ID's defined on COC.

Samples received in good order .

Samples received with cooling media: Crushed ice .

Samples received chilled.

Security seals not required. Direct Labmark's custody taken .

Sample container & sample integrity suitable .

### Comments:

### Holding Times:

Date received allows for sufficient time to meet Technical Holding Times.

### Preservation:

Chemical preservation of samples satisfactory for requested analytes.

### Important Notes:

Sample disposal of environmental samples shall be 31 days (water) and 3 months (soil, HN03 preserved samples) after laboratory receipt, unless otherwise requested in writing by the client. Samples requested to be held in non-refrigerated storage shall incur \$5.00/ sample/ 3 months. Additional refrigerated storage shall incur \$20/ sample/ 3 months. Combination prices apply only if requested. Transfer of report ownership from LabMark to the client shall occur once full and final payment has been settled and verified. All report copies may be retracted where full payment does not occur within the agreed settlement period.

### Analysis comments:

### Subcontracted Analyses:

Thank you for choosing Labmark to analyse your project samples.

Additional information on [www.labmark.com.au](http://www.labmark.com.au)



## Quality, Service, Support

**Report Time : 2:58:19PM**

# Sample Receipt

Notice (SRN) for E030062



*The table below represents LabMark's understanding and interpretation of the customer supplied sample COC request. Please confirm that your COC request has been entered correctly. Due to THT and TAT requirements, testing shall commence immediately as per this table, unless the customer intervenes with a correction prior to testing.*

| Grid Review Table |       |       |                  | Requested Analysis |                          |                              |          |                                |                                  |                                 |                                 |                                 |                   |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
|-------------------|-------|-------|------------------|--------------------|--------------------------|------------------------------|----------|--------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------|-------------------|------------------------------|----------------------------|---|--|--|--|--|--|--|--|--|--|
| No.               | Date  | Depth | Client Sample ID | BTEX by P&T        | Acid extractable mercury | Acid extractable metals (M7) | Moisture | Organochlorine Pesticides (OC) | Organophosphorus Pesticides (OP) | Polyaromatic Hydrocarbons (PAH) | Polyaromatic Hydrocarbons (PAH) | Polychlorinated Biphenyls (PCB) | PREP Not Reported | PREP Not Reported | Petroleum Hydrocarbons (TPH) | Volatile TPH by P&T (VTPH) |   |  |  |  |  |  |  |  |  |  |
| 65256             | 19/01 |       | TP-V1            | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   | ●                            | ●                          |   |  |  |  |  |  |  |  |  |  |
| 65257             | 19/01 |       | TP-V2            |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65258             | 19/01 |       | TP-V3            | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   | ●                            | ●                          |   |  |  |  |  |  |  |  |  |  |
| 65259             | 19/01 |       | TP-V4            |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65260             | 19/01 |       | TP-V5            | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65261             | 19/01 |       | TP-V6            |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65262             | 19/01 |       | TP-V7            | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   | ●                            | ●                          |   |  |  |  |  |  |  |  |  |  |
| 65263             | 19/01 |       | TP-V8            |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65264             | 19/01 |       | TP-V9            | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65265             | 19/01 |       | TP-V10           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65266             | 19/01 |       | TP-V11           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65267             | 19/01 |       | TP-V12           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65268             | 19/01 |       | TP-V13           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65269             | 19/01 |       | TP-V14           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65270             | 19/01 |       | TP-V15           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65271             | 19/01 |       | TP-V16           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65272             | 19/01 |       | TP-V17           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65273             | 19/01 |       | TP-V18           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65274             | 19/01 |       | TP-V19           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65275             | 19/01 |       | TP-V20           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65276             | 19/01 |       | TP-V21           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65277             | 19/01 |       | TP-V22           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65278             | 19/01 |       | TP-V23           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65279             | 19/01 |       | TP-V24           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65280             | 19/01 |       | TP-V25           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65281             | 19/01 |       | TP-V26           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65282             | 19/01 |       | TP-V27           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65283             | 19/01 |       | TP-V28           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65284             | 19/01 |       | TP-V29           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65285             | 19/01 |       | TP-V30           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |
| 65286             | 19/01 |       | TP-V31           |                    | ●                        | ●                            | ●        |                                |                                  | ●                               |                                 |                                 | ●                 |                   |                              |                            |   |  |  |  |  |  |  |  |  |  |
| 65287             | 19/01 |       | TP-V32           | ●                  | ●                        | ●                            | ●        | ●                              | ●                                | ●                               |                                 | ●                               | ●                 |                   |                              | ●                          | ● |  |  |  |  |  |  |  |  |  |

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*The table below represents LabMark's understanding and interpretation of the customer supplied sample COC request. Please confirm that your COC request has been entered correctly. Due to THT and TAT requirements, testing shall commence immediately as per this table, unless the customer intervenes with a correction prior to testing.*

[illegible]

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# Sample Receipt

Notice (SRN) for **E030062**



|       |       |       |                  | Requested Analysis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|-------|-------|------------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| No.   | Date  | Depth | Client Sample ID | M8 - M7-T_S        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65256 | 19/01 |       | TP-V1            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65257 | 19/01 |       | TP-V2            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65258 | 19/01 |       | TP-V3            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65259 | 19/01 |       | TP-V4            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65260 | 19/01 |       | TP-V5            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65261 | 19/01 |       | TP-V6            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65262 | 19/01 |       | TP-V7            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65263 | 19/01 |       | TP-V8            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65264 | 19/01 |       | TP-V9            | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65265 | 19/01 |       | TP-V10           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65266 | 19/01 |       | TP-V11           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65267 | 19/01 |       | TP-V12           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65268 | 19/01 |       | TP-V13           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65269 | 19/01 |       | TP-V14           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65270 | 19/01 |       | TP-V15           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65271 | 19/01 |       | TP-V16           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65272 | 19/01 |       | TP-V17           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65273 | 19/01 |       | TP-V18           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65274 | 19/01 |       | TP-V19           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65275 | 19/01 |       | TP-V20           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65276 | 19/01 |       | TP-V21           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65277 | 19/01 |       | TP-V22           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65278 | 19/01 |       | TP-V23           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65279 | 19/01 |       | TP-V24           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65280 | 19/01 |       | TP-V25           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65281 | 19/01 |       | TP-V26           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65282 | 19/01 |       | TP-V27           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65283 | 19/01 |       | TP-V28           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65284 | 19/01 |       | TP-V29           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65285 | 19/01 |       | TP-V30           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65286 | 19/01 |       | TP-V31           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65287 | 19/01 |       | TP-V32           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65288 | 19/01 |       | TP-V33           | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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# Sample Receipt

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| No. Date Depth Client Sample ID |       |  |         | Requested Analysis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------|-------|--|---------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                 |       |  |         | M8 - M7-T_S        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65289                           | 19/01 |  | TP-V34  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65290                           | 19/01 |  | TP-V35  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65291                           | 19/01 |  | TP-V36  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65292                           | 19/01 |  | TP-V37  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65293                           | 19/01 |  | TP-V38  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65294                           | 19/01 |  | TP-V39  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65295                           | 19/01 |  | TP-V40  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65296                           | 19/01 |  | TP-V41  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65297                           | 19/01 |  | TP-V42  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65298                           | 19/01 |  | TP-V43  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65299                           | 19/01 |  | TP-V44  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65300                           | 19/01 |  | TP-VL1  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65301                           | 19/01 |  | TP-VL2  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65302                           | 19/01 |  | TP-VL3  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65303                           | 19/01 |  | TP-VL4  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65304                           | 19/01 |  | TP-VL5  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65305                           | 19/01 |  | TP-VL6  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65306                           | 19/01 |  | TP-VL7  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65307                           | 19/01 |  | TP-VL8  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65308                           | 19/01 |  | TP-VL9  | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65309                           | 19/01 |  | TP-VL10 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65310                           | 19/01 |  | TP-VL11 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65311                           | 19/01 |  | TP-VL12 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65312                           | 19/01 |  | TP-VL13 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65313                           | 19/01 |  | TP-VL14 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65314                           | 19/01 |  | TP-VL15 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65315                           | 19/01 |  | TP-VL16 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65316                           | 19/01 |  | TP-VL17 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65317                           | 19/01 |  | TP-VL18 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65318                           | 19/01 |  | TP-VL19 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65319                           | 19/01 |  | TP-VL20 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65320                           | 19/01 |  | TP-VL21 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65321                           | 19/01 |  | TP-VL22 | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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|       |       |       |                  | Requested Analysis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|-------|-------|------------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|       |       |       |                  |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No.   | Date  | Depth | Client Sample ID | M8 - M7-T-S        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65322 | 19/01 |       | TP-VL23          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65323 | 19/01 |       | TP-VL24          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65324 | 19/01 |       | TP-VL25          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65325 | 19/01 |       | TP-VL26          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65326 | 19/01 |       | TP-VL27          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65330 | 19/01 |       | TP-Dup1          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65331 | 19/01 |       | TP-Dup2          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65332 | 19/01 |       | TP-Dup3          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65333 | 19/01 |       | TP-Dup4          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65334 | 19/01 |       | TP-Dup5          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65335 | 19/01 |       | TP-Dup6          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65336 | 19/01 |       | TP-Dup7          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65337 | 19/01 |       | TP-Dup8          | ●                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       |       |       | Totals:          | 79                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Thank you for choosing Labmark to analyse your project samples.  
Additional information on [www.labmark.com.au](http://www.labmark.com.au)

[illegible]

**Safety Precaution:** laboratory sample bottles may contain preservation acid / chemicals refer to SAFETY label on bottle.

www.baniprasad.com

Lab Quizzes:

**Sampler:**

3

**Date Required:**

Lab. Quinze No.:

**e** (default is Not required if Not ticked):

YES (tick)

1. Urgent TAT required? ( please circle: 1 day 2 days 3 days ..... days )  
 2. Do you require sediment present in waters to be included in organic/ inorganic extractions?  
 3. Do you require additional QA/QC reported where sample batches submitted are < 10 samples? ( Fee Applies)  
 4. Do you require additional EQA or batch specific LCS/ MB results every 20 samples? ( Fee Applies)  
 5. Do you require **DIFFERENT** standard EQL's from those stated in the current LabMark price catalogue?  
 6. Do you wish chromatograms to be supplied? (Additional fee applies).  
 7. Electronic data transfer (circle: fax .xls .csv .pdf ). Please specify.

**Note1:** Additional water sample must be submitted for lab. duplicate & spike analysis.

**Note2:** Contact lab if consolidating multiple analyses into a single sample container.

[illegible][illegible]

Comments (Highly contaminated samples):

Time: 1:00

Time: 0:00:00

Labmark Pty. Limited 2003



|                                                                                                                                                     |                                                                                                                                                                                                                                                |                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>L'ABMARK</b><br><b>Dispatch samples to:</b><br>Unit1/ 8 Leighton Place<br>Asquith NSW 2077<br>or<br>116 Moray Street<br>South Melbourne VIC 3205 | NATA 13542, AQIS N0356<br><br>Tel (SYD): 612-9476-6533<br>Fax (SYD): 612-9476-8219<br>Tel (MEL): 613-9686-8344<br>Fax (MEL): 613-9686-7344<br>(DB): 0409449584, (PW): 0439390209<br>ros.schacht@labmark.com.au<br>paul.woodward@labmark.com.au | <b>Safety Precaution:</b> laboratory sample bottles may contain preservation acid / chemicals, refer to SAFETY label on bottle. |
|                                                                                                                                                     | <b>Client Details</b><br><br><b>Company &amp; Address:</b> DLA 3 Isabella st Camperdown<br><b>Project Manager:</b><br><b>Project Name:</b> Morrisett Validation<br><b>Project Type (eg. Service Station):</b>                                  | <b>Date Required:</b><br><b>Fx:</b><br><b>Lab. Quote No:</b>                                                                    |

[illegible]

# S08606 CHAIN OF CUSTODY

Combination Prices only apply if Combo request is circled on COC.

Safety Precaution: laboratory sample bottles may contain preservation acid / chemicals refer to SAFETY label on bottle.

## Client Details

LABMARK  
NATA 13542, AQIS N0356  
Tel (SYD): 612-9476-6533  
Fax (SYD): 612-9476-8219  
Tel (MEL): 613-9686-8344  
Fax (MEL): 613-9686-7344  
ros.schrach@labmark.com.au  
paul.woodward@labmark.com.au

Company & Address: **OLA**  
Project Manager: **Morrisett**  
Project Name: **Validation**  
Project Type (eg. Service Station):  
Safety Precaution: laboratory sample bottles may contain preservation acid / chemicals refer to SAFETY label on bottle.

## Global Specifications I require

(default is Not required if Not ticked):

YES (tick)

1. Urgent TAT required? ( please circle: 1 day 2 days 3 days ..... days )
2. Do you require sediment present in waters to be included in organic/ inorganic extractions?
3. Do you require additional QA/QC reported where sample batches submitted are < 10 samples? (Fee Applies)
4. Do you require additional EQA or batch specific LCS/ MB results every 20 samples? (Fee Applies)
5. Do you require DIFFERENT standard EQL's from those stated in the current LabMark price catalogue?
6. Do you wish chromatograms to be supplied? (Additional fee applies).
7. Electronic data transfer (circle: fax .xls .csv .pdf ). Please specify.

Note1: Additional water sample must be submitted for lab. duplicate & spike analysis.  
Note2: Contact lab if consolidating multiple analyses into a single sample container.

## Analysis Request

| YES (tick)                                                                                                 |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 2. Do you require sediment present in waters to be included in organic/ inorganic extractions?             |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 3. Do you require additional QA/QC reported where sample batches submitted are < 10 samples? (Fee Applies) |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 4. Do you require additional EQA or batch specific LCS/ MB results every 20 samples? (Fee Applies)         |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 5. Do you require DIFFERENT standard EQL's from those stated in the current LabMark price catalogue?       |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 6. Do you wish chromatograms to be supplied? (Additional fee applies).                                     |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 7. Electronic data transfer (circle: fax .xls .csv .pdf ). Please specify.                                 |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Note1: Additional water-sample must be submitted for lab. duplicate & spike analysis.                      |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Note2: Contact lab if consolidating multiple analyses into a single sample container.                      |           |              |               |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Lab. Number                                                                                                | Sample ID | Sample Depth | Sampling Date | Matrix                                         | Container Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (Nat. = unreserved, G=glass, P=plastic) |  |  |  |
|                                                                                                            |           |              |               | soil<br>water<br>air<br>perl. filters<br>other | Soil (G)<br>Nat.<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange<br>Orange |                                         |  |  |  |

|                                                                                                                                                        |  |                                         |  |                        |  |                       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------|--|------------------------|--|-----------------------|--|
| Totals                                                                                                                                                 |  | Lab Report No. <b>E030062</b>           |  | Security Seal Applied  |  | YES/NO                |  |
| *Metals (circle): As, Cd, Cr, Cu, Ni, Pb, Zn, Hg, Co, Se, Sr, Sn, Mo, Ag, Ba, Ti, Bi, Sb, Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Ti, Bi, Sb |  | Comments (Highly contaminated samples): |  | Security Seal Serial # |  |                       |  |
| Relinquished by (print): <b>Shonelle Wilson</b>                                                                                                        |  | Signed: <b>Agda</b>                     |  | Received By: <b>RB</b> |  | Date: <b>19/10/07</b> |  |
| Relinquished by (print):                                                                                                                               |  | Signed:                                 |  | Received By:           |  | Date:                 |  |
|                                                                                                                                                        |  |                                         |  | Time: <b>4pm</b>       |  | Date: <b>19/10/07</b> |  |

# LABMARK

NATA 13542. AQIS N0356

**Dispatch samples to:**

Unit1/ 8 Leighton Place

Asquith NSW 2077

or  
postmark number

44C Mason, Street

1116 Moray Street

South Melbourne VIC 31

Tel (SYD): 612-9476-6533

Fax (SYD): 612-9476-8219

Tel (MEL): 613-9686-8344

**Fax (MEL): 613-9686-7344**

(DB): 0409449684, (PW): 043

ros.schacht@labmark.com.au

paul.woodward@labmark.com

## Client Details

Company & Address: DLA

**Project Manager:**

Project Name: Morrissett

Project Type (eg. Service Station):

**Safety Precaution:** laboratory sample bottles may contain preservation acid / chemicals, refer to SAFETY label on bottle.

3 Isabella st Camperdown

**Sampler:**

Validation -

**Project No:**

Tel: 9517 1153

五

Date Required:

Lab. Quote No:

## Global Specifications I require

# Global Specifications I require (default is Not required if Not ticked):

**YES (tick)**

1. Urgent TAT required? ( please circle:    1 day    2 days    3 days    ..... days    )
2. Do you require sediment present in waters to be included in organic/ inorganic extractions?
3. Do you require additional QA/QC reported where sample batches submitted are < 10 samples? (Fee Applies)
4. Do you require additional EQA or batch specific LCS/ MB results every 20 samples? (Fee Applies)
5. Do you require DIFFERENT standard EQL's from those stated in the current LabMark price catalogue?
6. Do you wish chromatograms to be supplied? (Additional fee applies).
7. Electronic data transfer (circle: fax x/ls .csv .pdf ). Please specify.

**Note1:** Additional water sample must be submitted for lab. duplicate & spike analysis.  
**Note2:** Contact lab if consolidating multiple analyses into a single sample container.

| Lab. Number | Sample ID | Sample Depth | Sampling Date | Matrix<br>soil<br>water<br>air<br>Paint, filters<br>other | Container Type (Nat. = Unpreserved, G=glass, P=plastic) |                               |                              |                                                |                                                           |                                                  |                                             |
|-------------|-----------|--------------|---------------|-----------------------------------------------------------|---------------------------------------------------------|-------------------------------|------------------------------|------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|---------------------------------------------|
| 65310       | TP-VL11   | 0-0.5 "      | 19/1/07.      |                                                           | Sol (G) 0.5-L VOA(G)<br>Nat. (G) Nat.<br>Orange Orange  | 43rd VOA(G)<br>Nat.<br>Orange | 43rd VOA(G)<br>HCl<br>Nitron | 0.1-L H <sub>2</sub> SO <sub>4</sub><br>Purple | 0.1-L H <sub>2</sub> O <sub>2</sub><br>Filtered<br>YES/NO | 0.1-L HNO <sub>3</sub> Red<br>Filtered<br>YES/NO | Other NaOH,<br>Co(NO <sub>3</sub> )<br>Blue |
| 65311       | TP-VL12   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65312       | TP-VL13   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65313       | TP-VL14   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65314       | TP-VL15   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65315       | TP-VL16   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65316       | TP-VL17   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65317       | TP-VL18   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65318       | TP-VL19   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |
| 65319       | TP-VL20   | "            | "             |                                                           |                                                         |                               |                              |                                                |                                                           |                                                  |                                             |

| Analysis Request |                                                                                                | Semi- & Non-Volatile Tests |         | Volatile Tests |         | Nutrient Tests      |  | Other                 |  |
|------------------|------------------------------------------------------------------------------------------------|----------------------------|---------|----------------|---------|---------------------|--|-----------------------|--|
|                  |                                                                                                | 125g (max. 4 tests)        |         | 125g           |         | 125g (max. 4 tests) |  | (eg. TCLP tests here) |  |
| Combo (order)    | <1> <2> <3> <4> <5> <6> <7>                                                                    |                            |         |                |         |                     |  |                       |  |
|                  | 8TEX+VTPH (order)                                                                              | 2x43 ml                    | 2x43 ml | 2x43 ml        | 2x43 ml |                     |  |                       |  |
|                  | VOC PT-GC/MS                                                                                   |                            |         |                |         |                     |  |                       |  |
|                  | VAC PT-GC/MS                                                                                   |                            |         |                |         |                     |  |                       |  |
|                  | MTBE PT-GC/MS                                                                                  |                            |         |                |         |                     |  |                       |  |
|                  | THM PT-GC/MS                                                                                   |                            |         |                |         |                     |  |                       |  |
|                  | VHC PT-GC/MS                                                                                   |                            |         |                |         |                     |  |                       |  |
|                  | PAHs GC/MS                                                                                     |                            |         |                |         |                     |  |                       |  |
|                  | Phenols GC/MS                                                                                  |                            |         |                |         |                     |  |                       |  |
|                  | Aromatic/Aliphatic TPH GC/FID                                                                  |                            |         |                |         |                     |  |                       |  |
|                  | OC, OP, PCB GC/CDFPD                                                                           |                            |         |                |         |                     |  |                       |  |
|                  | SVOC GC/MS                                                                                     |                            |         |                |         |                     |  |                       |  |
|                  | Phenoxy Acid Herbicides GC/MS                                                                  |                            |         |                |         |                     |  |                       |  |
|                  | Explosives HPLC                                                                                |                            |         |                |         |                     |  |                       |  |
|                  | Metals (dissolved / total)                                                                     |                            |         |                |         |                     |  |                       |  |
|                  | TCLP (specify test - other)                                                                    |                            |         |                |         |                     |  |                       |  |
|                  | ZHE TCLP (specify test - other)                                                                |                            |         |                |         |                     |  |                       |  |
|                  | pH, EC                                                                                         |                            |         |                |         |                     |  |                       |  |
|                  | (order) NH <sub>3</sub> , TKN, N <sub>org</sub> , TN                                           |                            |         |                |         |                     |  |                       |  |
|                  | (order) NO <sub>x</sub> , NO <sub>3</sub> , NO <sub>2</sub>                                    |                            |         |                |         |                     |  |                       |  |
|                  | (order) TP, ortho-P, TKP                                                                       |                            |         |                |         |                     |  |                       |  |
|                  | (order) Cl <sup>-</sup> , F <sup>-</sup> , SO <sub>4</sub> <sup>2-</sup> (order) soluble/total |                            |         |                |         |                     |  |                       |  |
|                  | (order) Total Alk, Speciated Alk                                                               |                            |         |                |         |                     |  |                       |  |
|                  | (order) Free CN, WAD, Total CN                                                                 |                            |         |                |         |                     |  |                       |  |
|                  | Total Phenolics                                                                                |                            |         |                |         |                     |  |                       |  |
|                  | Cations (order) SO <sub>4</sub> /total - Ca, Mg, Na, K                                         |                            |         |                |         |                     |  |                       |  |

[illegible]

**Combination Prices only apply if Combo request is circled on COC.**

Form QS0073, Rev.10: Date Issued 11/10/2018

| LABMARK                                                                                                                  |               |              |               |                                                   |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------|---------------|--------------|---------------|---------------------------------------------------|-------------------------------------------------------------------------------|
| Safety Precaution: laboratory sample bottles may contain preservation acid / chemicals, refer to SAFETY label on bottle. |               |              |               |                                                   |                                                                               |
| Client Details                                                                                                           |               |              |               |                                                   |                                                                               |
| Company & Address: OLA 3 Isabella st Campdown Tel: 9517 153                                                              |               |              |               |                                                   |                                                                               |
| Project Manager: Morissett Validation                                                                                    |               |              |               |                                                   |                                                                               |
| Project Name: Project No:                                                                                                |               |              |               |                                                   |                                                                               |
| Project Type (eg. Service Station): Lab. Quote No:                                                                       |               |              |               |                                                   |                                                                               |
| Global Specifications I require (default is Not required if Not ticked):                                                 |               |              |               |                                                   |                                                                               |
| YES (tick)                                                                                                               |               |              |               |                                                   |                                                                               |
| 1. Urgent TAT required? (please circle: 1 day 2 days 3 days ..... days )                                                 |               |              |               |                                                   |                                                                               |
| 2. Do you require sediment present in waters to be included in organic/inorganic extractions?                            |               |              |               |                                                   |                                                                               |
| 3. Do you require additional QA/QC reported where sample batches submitted are < 10 samples? (Fee Applies)               |               |              |               |                                                   |                                                                               |
| 4. Do you require additional EQA or batch specific LCS/ MB results every 20 samples? (Fee Applies)                       |               |              |               |                                                   |                                                                               |
| 5. Do you require DIFFERENT standard EQL's from those stated in the current LabMark price catalogue?                     |               |              |               |                                                   |                                                                               |
| 6. Do you wish chromatograms to be supplied? (Additional fee applies).                                                   |               |              |               |                                                   |                                                                               |
| 7. Electronic data transfer (circle: fax .xls .csv .pdf). Please specify.                                                |               |              |               |                                                   |                                                                               |
| Note1: Additional water sample must be submitted for lab. duplicate & spike analysis.                                    |               |              |               |                                                   |                                                                               |
| Note2: Contact lab if consolidating multiple analyses into a single sample container.                                    |               |              |               |                                                   |                                                                               |
| Lab. Number                                                                                                              | Sample ID     | Sample Depth | Sampling Date | Matrix                                            | Container Type (Nat. = unopened, G-glass, P-plastic)                          |
| 65320                                                                                                                    | TP-VL21       | 0-0.5        | 19/10/07      | Soil (G) 0.5-L VOA(G) VOA(G) Nat. (G) Nat. Orange | 43m 43m VOA(G) VOA(G) HCl H2SO4 H2SO4 Orange Maroon Purple Purple YES NO Blue |
| 65321                                                                                                                    | TP-VL22       |              |               | Water                                             |                                                                               |
| 65322                                                                                                                    | TP-VL23       |              |               | Air                                               |                                                                               |
| 65323                                                                                                                    | TP-VL24       |              |               | Paint, Tiles                                      |                                                                               |
| 65324                                                                                                                    | TP-VL25       |              |               | Other                                             |                                                                               |
| 65325                                                                                                                    | TP-VL26       |              |               |                                                   |                                                                               |
| 65326                                                                                                                    | TP-VL27       |              |               |                                                   |                                                                               |
| 65327                                                                                                                    | Rinsate Blank |              |               |                                                   |                                                                               |
| 65328                                                                                                                    | Trip blank    |              |               |                                                   |                                                                               |
| 65329                                                                                                                    | Top spike     |              |               |                                                   |                                                                               |
| Totals                                                                                                                   |               |              |               |                                                   |                                                                               |
| *Metals (circle): Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Ti, Bi, Sb                                           |               |              |               |                                                   |                                                                               |
| Comments (Highly contaminated samples):                                                                                  |               |              |               |                                                   |                                                                               |
| Relinquished by (pm): Relinquished by (pm):                                                                              |               |              |               |                                                   |                                                                               |
| Signed: Signed:                                                                                                          |               |              |               |                                                   |                                                                               |
| Date: Date:                                                                                                              |               |              |               |                                                   |                                                                               |
| Received By: Received By:                                                                                                |               |              |               |                                                   |                                                                               |
| Lab Report No. E030062                                                                                                   |               |              |               |                                                   |                                                                               |
| Security Seal Applied Security Seal Serial #                                                                             |               |              |               |                                                   |                                                                               |
| YES/NO                                                                                                                   |               |              |               |                                                   |                                                                               |
| Time: Time:                                                                                                              |               |              |               |                                                   |                                                                               |





1 February 2007

## TEST REPORT

### David Lane Associates

3 Isabella Street  
CAMPERDOWN  
NSW 2050

Your Reference: Trinity Point  
Report Number: 50238

Attention: David Lane

Dear David

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

|                                  |      |            |
|----------------------------------|------|------------|
| Samples:                         | Qty. | 4 Soils    |
| Date of Receipt of Samples:      |      | 22/01/07   |
| Date of Receipt of Instructions: |      | 22/01/07   |
| 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

SGS ENVIRONMENTAL SERVICES

James McMahon  
Business Manager Sydney  
Approved Signatory

Edward Ibrahim  
Laboratory Services Manager



This document is issued in accordance  
with NATA's accreditation requirements.  
Accredited for compliance with ISO/IEC 17025.  
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Page 1 of 15

SGS Australia Pty Ltd  
ABN 44 000 964 270

Environmental Services Unit 16, 33 Maddox Street, Alexandria Australia  
t (02) 8594 0400 f (02) 8594 0499

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Member of the SGS Group

| BTEX in Soil<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Benzene                                                         | mg/kg                   | <0.5                      | <0.5                      | <0.5                      | <0.5                      |
| Toluene                                                         | mg/kg                   | <0.5                      | <0.5                      | <0.5                      | <0.5                      |
| Ethylbenzene                                                    | mg/kg                   | <0.5                      | <0.5                      | <0.5                      | <0.5                      |
| Total Xylenes                                                   | mg/kg                   | <1.5                      | <1.5                      | <1.5                      | <1.5                      |
| BTEX Surrogate (%)                                              | %                       | 106                       | 98                        | 107                       | 108                       |

| TRH in soil with...C6-C9 by P/T<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|------------------------------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| TRH C6 - C9 P&T                                                                    | mg/kg                   | <20                       | <20                       | <20                       | <20                       |
| TRH C10 - C14                                                                      | mg/kg                   | 40                        | <20                       | <20                       | <20                       |
| TRH C15 - C28                                                                      | mg/kg                   | 68                        | <50                       | <50                       | <50                       |
| TRH C29 - C36                                                                      | mg/kg                   | 88                        | <50                       | <50                       | 50                        |

| PAHs in Soil<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Naphthalene                                                     | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Acenaphthylene                                                  | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Acenaphthene                                                    | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Fluorene                                                        | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Phenanthrene                                                    | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Anthracene                                                      | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Fluoranthene                                                    | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Pyrene                                                          | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Benzo[a]anthracene                                              | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Chrysene                                                        | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Benzo[b,k]fluoranthene                                          | mg/kg                   | <0.2                      | <0.2                      | <0.2                      | <0.2                      |
| Benzo[a]pyrene                                                  | mg/kg                   | <0.05                     | <0.05                     | <0.05                     | <0.05                     |
| Indeno[123-cd]pyrene                                            | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Dibenzo[ah]anthracene                                           | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Benzo[ghi]perylene                                              | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Total PAH's                                                     | mg/kg                   | <1.55                     | <1.55                     | <1.55                     | <1.55                     |
| Nitrobenzene-d5                                                 | %                       | 98                        | 106                       | 93                        | 96                        |
| 2-Fluorobiphenyl                                                | %                       | 101                       | 106                       | 91                        | 95                        |
| p -Terphenyl-d14                                                | %                       | 96                        | 108                       | 90                        | 104                       |

| OC Pesticides in Soil<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|--------------------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| HCB                                                                      | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>alpha</i> -BHC                                                        | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| gamma-BHC (Lindane)                                                      | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Heptachlor                                                               | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Aldrin                                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>beta</i> -BHC                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>delta</i> -BHC                                                        | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Heptachlor Epoxide                                                       | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>o,p'</i> -DDE                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>alpha</i> -Endosulfan                                                 | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>trans</i> -Chlordane                                                  | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>cis</i> -Chlordane                                                    | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>trans</i> -Nonachlor                                                  | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>p,p'</i> -DDE                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Dieldrin                                                                 | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Endrin                                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>o,p'</i> -DDD                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>o,p'</i> -DDT                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>beta</i> -Endosulfan                                                  | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>p,p'</i> -DDD                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| <i>p,p'</i> -DDT                                                         | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Endosulfan Sulphate                                                      | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Endrin Aldehyde                                                          | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Methoxychlor                                                             | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Endrin Ketone                                                            | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| 2,4,5,6-Tetrachloro-m-xylene ( <i>Surrogate</i> )                        | %                       | 117                       | 100                       | 117                       | 119                       |

| OP Pesticides in Soil<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|--------------------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Chlorpyrifos                                                             | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Fenitrothion                                                             | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Bromofos Ethyl                                                           | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Ethion                                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| OP_Surrogate 1                                                           | %                       | 117                       | 100                       | 117                       | 119                       |

| PCBs in Soil<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|-----------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Arochlor 1016                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1221                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1232                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1242                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1248                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1254                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1260                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1262                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Arochlor 1268                                                   | mg/kg                   | <0.1                      | <0.1                      | <0.1                      | <0.1                      |
| Total Positive PCB                                              | mg/kg                   | <0.90                     | <0.90                     | <0.90                     | <0.90                     |
| PCB_Surrogate 1                                                 | %                       | 117                       | 100                       | 117                       | 119                       |

| Acid Extractable Metals in Soil<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|------------------------------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Arsenic                                                                            | mg/kg                   | 4                         | 3                         | <3                        | <3                        |
| Cadmium                                                                            | mg/kg                   | 0.2                       | 0.2                       | <0.1                      | 0.3                       |
| Chromium                                                                           | mg/kg                   | 6.9                       | 13                        | 3.4                       | 4.7                       |
| Copper                                                                             | mg/kg                   | 8.3                       | 5.1                       | 1.0                       | 4.9                       |
| Lead                                                                               | mg/kg                   | 13                        | 12                        | 4                         | 8                         |
| Mercury                                                                            | mg/kg                   | <0.05                     | <0.05                     | <0.05                     | <0.05                     |
| Nickel                                                                             | mg/kg                   | 2.3                       | 1.1                       | <0.5                      | 0.6                       |
| Zinc                                                                               | mg/kg                   | 73                        | 63                        | 6.5                       | 39                        |

| Moisture<br>Our Reference:<br>Your Reference<br>Sample Type | UNITS<br>-----<br>----- | 50238-1<br>DUP 2a<br>soil | 50238-2<br>DUP 3a<br>soil | 50238-3<br>DUP 6a<br>soil | 50238-4<br>DUP 8a<br>soil |
|-------------------------------------------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Moisture                                                    | %                       | 8                         | 2                         | 3                         | 6                         |

| Method ID      | Methodology Summary                                                                                                                                                                                                                                                                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SEO-017</b> | 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.                                                                                                                                                                                       |
| <b>SEO-018</b> | BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.                                                                                                                                                                                                                                                                                                           |
| <b>SEO-020</b> | TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.                                                                                                                                                                                                                                       |
| <b>SEO-030</b> | 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.                                                                                                                                                 |
| <b>SEO-005</b> | 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. |
| <b>SEM-010</b> | Metals - Determination of various metals by ICP-AES following aqua regia digest.                                                                                                                                                                                                                                                                                                        |
| <b>SEM-005</b> | Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.                                                                                                                                                                                                                                                                                            |
| <b>SEP-001</b> | Moisture content at 103-105C, compositing and preparation on a 1:5 soil suspension.                                                                                                                                                                                                                                                                                                     |

| QUALITY CONTROL                   | UNITS | PQL  | METHOD  | Blank | Duplicate Sm# | Duplicate<br>Base + Duplicate +<br>%RPD | Spike Sm# | Matrix Spike %<br>Recovery<br>Duplicate + %RPD |
|-----------------------------------|-------|------|---------|-------|---------------|-----------------------------------------|-----------|------------------------------------------------|
| BTEX in Soil                      |       |      |         |       |               |                                         |           |                                                |
| Benzene                           | mg/kg | 0.5  | SEO-017 | <0.5  | 50238-2       | <0.5    <0.5                            | 50238-3   | 92    [N/T]                                    |
| Toluene                           | mg/kg | 0.5  | SEO-017 | <0.5  | 50238-2       | <0.5    <0.5                            | 50238-3   | 94    [N/T]                                    |
| Ethylbenzene                      | mg/kg | 0.5  | SEO-017 | <0.5  | 50238-2       | <0.5    <0.5                            | 50238-3   | 100    [N/T]                                   |
| Total Xylenes                     | mg/kg | 1.5  | SEO-017 | <1.5  | 50238-2       | <1.5    <1.5                            | 50238-3   | 101    [N/T]                                   |
| BTEX Surrogate (%)                | %     | 0    | SEO-018 | 101   | 50238-2       | 98    105    RPD: 7                     | 50238-3   | 114    [N/T]                                   |
| QUALITY CONTROL                   | UNITS | PQL  | METHOD  | Blank | Duplicate Sm# | Duplicate<br>Base + Duplicate +<br>%RPD | Spike Sm# | Matrix Spike %<br>Recovery<br>Duplicate + %RPD |
| TRH in soil with..C6-C9<br>by P/T |       |      |         |       |               |                                         |           |                                                |
| TRH C6 - C9 P&T                   | mg/kg | 20   | SEO-017 | <20   | 50238-2       | <20    <20                              | 50238-3   | 126    [N/T]                                   |
| TRH C10 - C14                     | mg/kg | 20   | SEO-020 | <20   | 50238-2       | <20    <20                              | 50238-3   | 65    [N/T]                                    |
| TRH C15 - C28                     | mg/kg | 50   | SEO-020 | <50   | 50238-2       | <50    <50                              | 50238-3   | 72    [N/T]                                    |
| TRH C29 - C36                     | mg/kg | 50   | SEO-020 | <50   | 50238-2       | <50    <50                              | 50238-3   | 70    [N/T]                                    |
| QUALITY CONTROL                   | UNITS | PQL  | METHOD  | Blank | Duplicate Sm# | Duplicate<br>Base + Duplicate +<br>%RPD | Spike Sm# | Matrix Spike %<br>Recovery<br>Duplicate + %RPD |
| PAHs in Soil                      |       |      |         |       |               |                                         |           |                                                |
| Naphthalene                       | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 85    [N/T]                                    |
| Acenaphthylene                    | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 76    [N/T]                                    |
| Acenaphthene                      | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 99    [N/T]                                    |
| Fluorene                          | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Phenanthrene                      | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 94    [N/T]                                    |
| Anthracene                        | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 93    [N/T]                                    |
| Fluoranthene                      | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 90    [N/T]                                    |
| Pyrene                            | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | 50238-2   | 93    [N/T]                                    |
| Benzo[a]anthracene                | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Chrysene                          | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Benzo[b,k]fluoranthene            | mg/kg | 0.2  | SEO-030 | <0.2  | 50238-2       | <0.2    <0.2                            | 50238-2   | 96    [N/T]                                    |
| Benzo[a]pyrene                    | mg/kg | 0.05 | SEO-030 | <0.05 | 50238-2       | <0.05    <0.05                          | [NR]      | [NR]                                           |
| Indeno[123-cd]pyrene              | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Dibenzo[ah]anthracene             | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Benzo[ghi]perylene                | mg/kg | 0.1  | SEO-030 | <0.1  | 50238-2       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Total PAH's                       | mg/kg | 1.55 | SEO-030 | 1.55  | 50238-2       | <1.55    <1.55                          | [NR]      | [NR]                                           |
| Nitrobenzene-d5                   | %     | 0    | SEO-030 | 90    | 50238-2       | 106    109    RPD: 3                    | 50238-2   | 91    [N/T]                                    |
| 2-Fluorobiphenyl                  | %     | 0    | SEO-030 | 95    | 50238-2       | 106    109    RPD: 3                    | 50238-2   | 91    [N/T]                                    |
| p -Terphenyl-d<br>14              | %     | 0    | SEO-030 | 100   | 50238-2       | 108    113    RPD: 5                    | 50238-2   | 95    [N/T]                                    |

| QUALITY CONTROL                                    | UNITS | PQL | METHOD  | Blank | Duplicate Sm# | Duplicate Base + Duplicate + %RPD | Spike Sm# | Matrix Spike % Recovery Duplicate + %RPD |
|----------------------------------------------------|-------|-----|---------|-------|---------------|-----------------------------------|-----------|------------------------------------------|
| OC Pesticides in Soil                              |       |     |         |       |               |                                   |           |                                          |
| HCB                                                | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>alpha</i> -BHC                                  | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| gamma-BHC (Lindane)                                | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| Heptachlor                                         | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | 50238-2   | 111    [N/T]                             |
| Aldrin                                             | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | 50238-2   | 110    [N/T]                             |
| <i>beta</i> -BHC                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>delta</i> -BHC                                  | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | 50238-2   | 109    [N/T]                             |
| Heptachlor Epoxide                                 | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>o,p'</i> -DDE                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>alpha</i> -Endosulfan                           | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>trans</i> -Chlordane                            | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>cis</i> -Chlordane                              | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>trans</i> -Nonachlor                            | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>p,p'</i> -DDE                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| Dieldrin                                           | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | 50238-2   | 108    [N/T]                             |
| Endrin                                             | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | 50238-2   | 114    [N/T]                             |
| <i>o,p'</i> -DDD                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>o,p'</i> -DDT                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>beta</i> -Endosulfan                            | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>p,p'</i> -DDD                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| <i>p,p'</i> -DDT                                   | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | 50238-2   | 99    [N/T]                              |
| Endosulfan Sulphate                                | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| Endrin Aldehyde                                    | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| Methoxychlor                                       | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| Endrin Ketone                                      | mg/kg | 0.1 | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                      | [NR]      | [NR]                                     |
| 2,4,5,6-Tetrachloro-m-xy lene ( <i>Surrogate</i> ) | %     | 0   | SEO-005 | 107   | 50238-1       | 117    121    RPD: 3              | 50238-2   | 116    [N/T]                             |

| QUALITY CONTROL                    | UNITS | PQL  | METHOD  | Blank | Duplicate Sm# | Duplicate<br>Base + Duplicate<br>+ %RPD | Spike Sm# | Matrix Spike %<br>Recovery<br>Duplicate + %RPD |
|------------------------------------|-------|------|---------|-------|---------------|-----------------------------------------|-----------|------------------------------------------------|
| OP Pesticides in Soil              |       |      |         |       |               |                                         |           |                                                |
| Chlorpyrifos                       | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | 50238-2   | 113    [N/T]                                   |
| Fenitrothion                       | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Bromofos Ethyl                     | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Ethion                             | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| OP_Surrogate 1                     | %     | 0    | SEO-005 | 111   | 50238-1       | 117    121    RPD: 3                    | 50238-2   | 116    [N/T]                                   |
| QUALITY CONTROL                    | UNITS | PQL  | METHOD  | Blank | Duplicate Sm# | Duplicate<br>Base + Duplicate +<br>%RPD | Spike Sm# | Matrix Spike %<br>Recovery<br>Duplicate + %RPD |
| PCBs in Soil                       |       |      |         |       |               |                                         |           |                                                |
| Arochlor 1016                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1221                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1232                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1242                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1248                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1254                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1260                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | 50238-1   | 103    [N/T]                                   |
| Arochlor 1262                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Arochlor 1268                      | mg/kg | 0.1  | SEO-005 | <0.1  | 50238-1       | <0.1    <0.1                            | [NR]      | [NR]                                           |
| Total Positive PCB                 | mg/kg | 0.9  | SEO-005 | 0.90  | 50238-1       | <0.90    <0.90                          | [NR]      | [NR]                                           |
| PCB_Surrogate 1                    | %     | 0    | SEO-005 | 111   | 50238-1       | 117    121    RPD: 3                    | 50238-1   | 123    [N/T]                                   |
| QUALITY CONTROL                    | UNITS | PQL  | METHOD  | Blank | Duplicate Sm# | Duplicate<br>Base + Duplicate +<br>%RPD | Spike Sm# | Matrix Spike %<br>Recovery<br>Duplicate + %RPD |
| Acid Extractable Metals<br>in Soil |       |      |         |       |               |                                         |           |                                                |
| Arsenic                            | mg/kg | 3    | SEM-010 | <3    | [NT]          | [NT]                                    | LCS       | 106    [N/T]                                   |
| Cadmium                            | mg/kg | 0.1  | SEM-010 | <0.1  | [NT]          | [NT]                                    | LCS       | 107    [N/T]                                   |
| Chromium                           | mg/kg | 0.3  | SEM-010 | <0.3  | [NT]          | [NT]                                    | LCS       | 104    [N/T]                                   |
| Copper                             | mg/kg | 0.5  | SEM-010 | <0.5  | [NT]          | [NT]                                    | LCS       | 110    [N/T]                                   |
| Lead                               | mg/kg | 1    | SEM-010 | <1    | [NT]          | [NT]                                    | LCS       | 106    [N/T]                                   |
| Mercury                            | mg/kg | 0.05 | SEM-005 | <0.05 | [NT]          | [NT]                                    | LCS       | 100    [N/T]                                   |
| Nickel                             | mg/kg | 0.5  | SEM-010 | <0.5  | [NT]          | [NT]                                    | LCS       | 105    [N/T]                                   |
| Zinc                               | mg/kg | 0.3  | SEM-010 | <0.3  | [NT]          | [NT]                                    | LCS       | 106    [N/T]                                   |