

TABLE 6.1

## SOIL ANALYTICAL RESULTS - FORMER CLEANING SHED AREA

| Location<br>Consultant<br>Sample Location<br>Sample Depth (metres) | CLEANING SHED AREA             |                                |                              |                                                                                   |                          |                          |
|--------------------------------------------------------------------|--------------------------------|--------------------------------|------------------------------|-----------------------------------------------------------------------------------|--------------------------|--------------------------|
|                                                                    | CH2M HILL<br>SB42<br>0.00-0.10 | CH2M HILL<br>SB42<br>0.70-0.80 | CH2M HILL<br>SB42<br>1.0-1.1 | CH2M HILL<br>SB42<br>1.0-1.1                                                      | CH2M HILL<br>BH43<br>0.4 | CH2M HILL<br>BH43<br>0.7 |
| Analyte                                                            | Units                          | LOR                            | NIHR - Level 1<br>Monographs | NSW EPA<br>Guidelines for the<br>Assessment of<br>Service Station<br>Sites (1994) |                          |                          |
| 4-Chlorotoluene                                                    | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Dibromochloromethane                                               | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,2-Dibromo-3-Chloropropane                                        | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,2-Dibromomethane (E DB)                                          | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Dibromomethane                                                     | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,2-Dichlorobenzene                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,3-Dichlorobenzene                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,4-Dichlorobenzene                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Dichlorodifluoromethane                                            | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,1-Dichloroethene                                                 | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,2-Dichloroethane                                                 | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,1-Dichloroethane                                                 | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| cis-1,2-Dichloroethene                                             | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| trans-1,2-Dichloroethene                                           | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,2-Dichloropropane                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,3-Dichloropropane                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 2,2-Dichloropropane                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| 1,1-Dichloropropylene                                              | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| cis-1,3-Dichloropropylene                                          | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| trans-1,3-Dichloropropylene                                        | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Ethylbenzene                                                       | mg/kg                          | 1                              |                              | 3:1                                                                               | na                       | nd                       |
| Hexachlorobutadiene                                                | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Isopropylene                                                       | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| p-Isopropyltoluene                                                 | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Methylene chloride                                                 | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| Naphthalene                                                        | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |
| n-Propylbenzene                                                    | mg/kg                          | 1                              |                              |                                                                                   | na                       | nd                       |

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| Location               |       | CLEANING SHED AREA |                                        |                                                                                   |           |           |           |           |           |
|------------------------|-------|--------------------|----------------------------------------|-----------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Consulant              |       | CH2M HILL          | CH2M HILL                              | CH2M HILL                                                                         | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL |
| Sample Location        |       | SB42               | SB42                                   | SB42                                                                              | SB42      | SB42      | SB42      | SB42      | BH43      |
| Sample Depth (metres)  |       | 0.00-0.10          | 0.70-0.80                              | DUP4                                                                              | 1.0-1.1   | 0.4       | 0.7       | 0.4       | 0.7       |
| Analyte                | Units | LOR                | NEHT - Level 1<br>Monographs<br>(1996) | NSW EPA<br>Guidelines for the<br>Assessment of<br>Service Station<br>Sites (1994) |           |           |           |           |           |
| HEAVY METALS           |       |                    |                                        |                                                                                   |           |           |           |           |           |
| Arsenic                | mg/kg | 5                  | 500                                    |                                                                                   | 10        | 6         | nd        | nd        | nd        |
| Cadmium                | mg/kg | 0.5                | 100                                    |                                                                                   | nd        | nd        | nd        | 1.4       | nd        |
| Chromium               | mg/kg | 5                  | 500                                    |                                                                                   | 8         | 6         | nd        | 7         | 13        |
| Copper                 | mg/kg | 5                  | 5000                                   |                                                                                   | 140       | 160       | nd        | 95        | 9         |
| Nickel                 | mg/kg | 2                  | 3000                                   |                                                                                   | 18        | 17        | nd        | 23        | nd        |
| Lead                   | mg/kg | 5                  | 1500                                   | 300                                                                               | 930       | 240       | nd        | 160       | 54        |
| Zinc                   | mg/kg | 5                  | 35000                                  |                                                                                   | 280       | 230       | 10        | 330       | 65        |
| Mercury                | mg/kg | 0.05               | 75                                     |                                                                                   | 0.76      | 0.81      | nd        | 0.09      | 0.08      |
| Total Cyanide          | mg/kg | 0.5                | 2500                                   |                                                                                   | nd        | nd        | na        | na        | na        |
| VOCs                   |       |                    |                                        |                                                                                   |           |           |           |           |           |
| Benzene                | mg/kg | 0.5                |                                        | 1                                                                                 | na        | na        | na        | na        | nd        |
| Bromobenzene           | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Bromochloromethane     | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Bromodichloromethane   | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Bromoform              | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Bromomethane           | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| n-Butylbenzene         | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| sec-Butylbenzene       | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| tert-Butylbenzene      | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Carbon Tetrachloride   | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| cis-1,2-Dichloroethene | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Chlorobenzene          | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Chloroethane           | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Chloroform             | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| Chloromethane          | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |
| 2-Chlorotoluene        | mg/kg | 1                  |                                        |                                                                                   | na        | na        | na        | na        | nd        |

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| Location<br>Consultant<br>Sample Location<br>Sample Depth (metres) |           | CLEANING SHED AREA |           |           |           |           |           |
|--------------------------------------------------------------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|
| CH2M HILL                                                          | CH2M HILL | CH2M HILL          | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL |
| SB39                                                               | TP40      | TP40               | TP40      | BH41      | BH41      | BH41      | BH41      |
| 1.1-1.2                                                            | 0.00-0.10 | DUP                | DUP       | 0.2       | DUP       | DUP       | 0.9       |

| Analyte              | Units | LOR | NEHP - Level I       | NSW EPA                                                                |
|----------------------|-------|-----|----------------------|------------------------------------------------------------------------|
|                      |       |     | Monographs<br>(1996) | Guidelines for the<br>Assessment of<br>Service Station<br>Sites (1994) |
| 4,4'-DDD             | mg/kg | 0.1 |                      | na                                                                     |
| Endosulphan II       | mg/kg | 0.1 |                      | na                                                                     |
| 4,4'-DDT             | mg/kg | 0.1 | 1000                 | na                                                                     |
| Endosulphan sulphate | mg/kg | 0.1 |                      | na                                                                     |
| Methoxychlor         | mg/kg | 0.1 |                      | na                                                                     |
| PCBs                 |       |     |                      |                                                                        |
| Arochlor 1016        | mg/kg | 1   |                      | na                                                                     |
| Arochlor 1221        | mg/kg | 1   |                      | na                                                                     |
| Arochlor 1232        | mg/kg | 1   |                      | na                                                                     |
| Arochlor 1242        | mg/kg | 1   |                      | na                                                                     |
| Arochlor 1248        | mg/kg | 1   |                      | na                                                                     |
| Arochlor 1254        | mg/kg | 1   |                      | na                                                                     |
| Arochlor 1260        | mg/kg | 1   |                      | na                                                                     |
| Total PCBs           | mg/kg | 1   | 50                   | na                                                                     |

## NOTE:

Exceeds NEHP Level I (1996)

Exceeds NSW EPA Guidelines for the  
Assessment of Service Station Sites (1995)

n/a = not applicable

LOR = Laboratory Limits of Reporting

na = not selected for analysis

nd = not detected above laboratory LOR

\* = sample required dilution

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| Location                      |                 |                       |                                      | CLEANING SHED AREA                                                                |                   |                   |                   |                   |                  |                   |
|-------------------------------|-----------------|-----------------------|--------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| Consultant                    | Sample Location | Sample Depth (metres) |                                      | CH2M HILL<br>SB39                                                                 | CH2M HILL<br>TP40 | CH2M HILL<br>TP40 | CH2M HILL<br>BH41 | CH2M HILL<br>BH41 | CH2M HILL<br>DUP | CH2M HILL<br>BH41 |
|                               |                 |                       |                                      | 1.1-1.2                                                                           | 0.00-0.10         | DUP               | 0.2               | DUP               | 0.9              |                   |
| Analyte                       | Units           | LOR                   | NEHR - Level<br>Monographs<br>(1996) | NSW EPA<br>Guidelines for the<br>Assessment of<br>Service Station<br>Sites (1994) |                   |                   |                   |                   |                  |                   |
| 4-Chloro-3-methylphenol       | mg/kg           | 0.5                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 2,4,5-Trichlorophenol         | mg/kg           | 0.5                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 2,4,6-Trichlorophenol         | mg/kg           | 0.5                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 2,4-Dinitrophenol             | mg/kg           | 2                     |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 4-Nitrophenol                 | mg/kg           | 1                     |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 2,3,4,6-Tetrachlorophenol     | mg/kg           | 1                     |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 4,6-Dinitro-2-methylphenol    | mg/kg           | 2                     |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Pentachlorophenol             | mg/kg           | 1                     |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 4,6-Dinitro-2-sec-butylphenol | mg/kg           | 2                     |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Total Phenols                 | mg/kg           |                       |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| OCs:                          |                 |                       |                                      |                                                                                   |                   |                   |                   |                   |                  |                   |
| HCB                           | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| alpha-BHC                     | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| gamma-BHC                     | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Heptachlor                    | mg/kg           | 0.1                   | 50                                   |                                                                                   | na                | na                | na                | na                | na               | na                |
| Aldrin                        | mg/kg           | 0.1                   | 50                                   |                                                                                   | na                | na                | na                | na                | na               | na                |
| Dieldrin                      | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| beta-BHC                      | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| delta-BHC                     | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Oxychlordane                  | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Heptachlor epoxide            | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Endosulphium I                | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Chlordane-trans               | mg/kg           | 0.1                   | 250                                  |                                                                                   | na                | na                | na                | na                | na               | na                |
| Chlordane-cis                 | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| trans-Nonachlor               | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| 4,4'-DDE                      | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |
| Endrin                        | mg/kg           | 0.1                   |                                      |                                                                                   | na                | na                | na                | na                | na               | na                |

TABLE 6.J  
SOIL ANALYTICAL RESULTS - FORMER CLEANING SHED AREA

| Location                        |       | CLEANING SHED AREA |                                  |                                                                       |           |           |           |           |           |           |           |
|---------------------------------|-------|--------------------|----------------------------------|-----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Consultant                      |       | CH2M HILL          | CH2M HILL                        | CH2M HILL                                                             | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL | CH2M HILL |
| Sample Location                 |       | SB39               | TP40                             | TP40                                                                  | TP40      | BH41      | BH41      | BH41      | BH41      | BH41      | BH41      |
| Sample Depth (metres)           |       | 1.1-1.2            | 0.00-0.10                        | DUP                                                                   | DUP       | 0.2       | DUP       | DUP       | DUP       | DUP       | 0.9       |
| Analyte                         | Units | LOR                | NEHT - Level I Monographs (1996) | NSW EPA Guidelines for the Assessment of Service Station Sites (1994) |           |           |           |           |           |           |           |
| Total Xylenes                   | mg/kg | 3                  |                                  | 14                                                                    | nd        | nd        | nd        | nd        | nd        | nd        | nd        |
| PAHs                            |       |                    |                                  |                                                                       |           |           |           |           |           |           |           |
| Naphthalene                     | mg/kg | 0.5                |                                  |                                                                       | na        | nd        | 0.5       | nd        | nd        | nd        | nd        |
| Acenaphthylene                  | mg/kg | 0.5                |                                  |                                                                       | na        | nd        | 1         | 1.2       | nd        | nd        | nd        |
| Acenaphthene                    | mg/kg | 0.5                |                                  |                                                                       | na        | nd        | nd        | nd        | nd        | nd        | nd        |
| Fluorene                        | mg/kg | 0.5                |                                  |                                                                       | na        | nd        | 0.8       | nd        | nd        | nd        | nd        |
| Phenanthrene                    | mg/kg | 0.5                |                                  |                                                                       | na        | 1.4       | 5.8       | 6.2       | 1         | 1         | 1         |
| Anthracene                      | mg/kg | 0.5                |                                  |                                                                       | na        | nd        | 1.6       | 1.8       | nd        | nd        | nd        |
| Fluoranthene                    | mg/kg | 0.5                |                                  |                                                                       | na        | 3.2       | 8.4       | 9         | 1.4       | 1.4       | 1.4       |
| Pyrene                          | mg/kg | 0.5                |                                  |                                                                       | na        | 3.6       | 8.8       | 10        | 1.4       | 1.4       | 1.4       |
| Benzo(a)anthracene              | mg/kg | 0.5                |                                  |                                                                       | na        | 2.2       | 5         | 6.8       | 0.8       | 0.8       | 0.8       |
| Chrysene                        | mg/kg | 0.5                |                                  |                                                                       | na        | 1.4       | 3.6       | 3.8       | 0.6       | 0.6       | 0.6       |
| Benzo(b) & (k) fluoranthene     | mg/kg | 1                  |                                  |                                                                       | na        | 4         | 8         | 9         | 1         | 1         | 1         |
| Benzo(a)pyrene                  | mg/kg | 0.5                | 5                                |                                                                       | na        | 2.2       | 4.6       | 5.6       | 0.5       | 0.5       | 0.5       |
| Indeno(1,2,3-cd)pyrene          | mg/kg | 0.5                |                                  |                                                                       | na        | 2         | 3.4       | 4         | nd        | nd        | nd        |
| Dibenzo(a,h)anthracene          | mg/kg | 0.5                |                                  |                                                                       | na        | nd        | nd        | nd        | nd        | nd        | nd        |
| Benzo(g,h,i)perylene            | mg/kg | 0.5                |                                  |                                                                       | na        | 1.2       | 1.8       | 2.2       | nd        | nd        | nd        |
| Total PAHs                      | mg/kg |                    | 100                              | 20                                                                    | na        | 21.2      | 35.3      | 59.6      | 6.7       | 6.7       | 6.7       |
| Phenols                         |       |                    |                                  |                                                                       |           |           |           |           |           |           |           |
| Phenol                          | mg/kg | 0.5                | 42500                            |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 2-Chlorophenol                  | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 2-Methylphenol                  | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 3-Methylphenol & 4-Methylphenol | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 2-Nitrophenol                   | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 2,4-Dimethylphenol              | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 2,4-Dichlorophenol              | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |
| 2,6-Dichlorophenol              | mg/kg | 0.5                |                                  |                                                                       | na        | na        | na        | na        | na        | na        | na        |

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| Location                  |       | CLEANING SHED AREA |                                |                                                                       |           |           |           |
|---------------------------|-------|--------------------|--------------------------------|-----------------------------------------------------------------------|-----------|-----------|-----------|
| Consultant                |       | CH2M HILL          | CH2M HILL                      | CH2M HILL                                                             | CH2M HILL | CH2M HILL | CH2M HILL |
| Sample Location           |       | SB39               | TP40                           | BH41                                                                  | BH41      | BH41      | BH41      |
| Sample Depth (metres)     |       | 1.1-1.2            | 0.00-0.10                      | DUP                                                                   | 0.2       | DUP       | 0.9       |
| Analyte                   | Units | LOR                | NEHR Level 1 Monographs (1996) | NSW EPA Guidelines for the Assessment of Service Station Sites (1994) |           |           |           |
| Styrene                   | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,1,1,2-Tetrachloroethane | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,1,2,2-Tetrachloroethane | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| Tetrachloroethene         | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| Toluene                   | mg/kg | 1                  |                                | 1.4                                                                   | na        | na        | na        |
| 1,2,3-Trichlorobenzene    | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,2,4-Trichlorobenzene    | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,1,1-Trichloroethane     | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,1,2-Trichloroethane     | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| Trichloroethene           | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| Trichlorofluoromethane    | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,2,3-Trichloropropane    | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,2,4-Trimethylbenzene    | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| 1,3,5-Trimethylbenzene    | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| Vinyl chloride            | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| ortho-Xylene              | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| meta- & para-Xylene       | mg/kg | 1                  |                                |                                                                       | na        | na        | na        |
| TPH                       |       |                    |                                |                                                                       |           |           |           |
| C6-C9                     | mg/kg | 10                 |                                | 65                                                                    | na        | na        | na        |
| C10-C14                   | mg/kg | 10                 |                                |                                                                       | na        | na        | na        |
| C15-C28                   | mg/kg | 50                 |                                |                                                                       | na        | na        | na        |
| C29-C36                   | mg/kg | 50                 |                                |                                                                       | na        | na        | na        |
| Total C10-C36             | mg/kg |                    |                                | 1000                                                                  | na        | na        | na        |
| BTEX                      |       |                    |                                |                                                                       |           |           |           |
| Benzene                   | mg/kg | 0.5                |                                | 1                                                                     | na        | na        | na        |
| Toluene                   | mg/kg | 1                  |                                | 1.4                                                                   | na        | na        | na        |
| Ethylbenzene              | mg/kg | 1                  |                                | 3.1                                                                   | na        | na        | na        |

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| Location<br>Consultant<br>Sample Location<br>Sample Depth (metres) |       | CLEANING SHED AREA |                                      |                                                                                   |                               |                                |                          |                          |                          |                          |
|--------------------------------------------------------------------|-------|--------------------|--------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Analyte                                                            | Units | LOR                | NEHT Level 1<br>Monographs<br>(1996) | NSW EPA<br>Guidelines for the<br>Assessment of<br>Service Station<br>Sites (1994) | CH2M HILL<br>SB39-<br>1.1-1.2 | CH2M HILL<br>TP40<br>0.00-0.10 | CH2M HILL<br>TP40<br>DUP | CH2M HILL<br>BH41<br>0.2 | CH2M HILL<br>BH41<br>DUP | CH2M HILL<br>BH41<br>0.9 |
| 4-Chloroluene                                                      | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Dibromochloromethane                                               | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,2-Dibromo-3-Chloropropane                                        | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,2-Dibromomethane (EDB)                                           | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Dibromomethane                                                     | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,2-Dichlorobenzene                                                | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,3-Dichlorobenzene                                                | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,4-Dichlorobenzene                                                | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Dichlorodifluoromethane                                            | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,1-Dichloroethene                                                 | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,2-Dichloroethane                                                 | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,1,1-Dichloroethane                                               | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| cis-1,2-Dichloroethene                                             | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| trans-1,2-Dichloroethene                                           | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,2-Dichloropropane                                                | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,1,1,3-Dichloropropane                                            | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 2,2-Dichloropropane                                                | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| 1,1-Dichloropropylene                                              | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| cis-1,3-Dichloropropylene                                          | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| trans-1,3-Dichloropropylene                                        | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Ethylbenzene                                                       | mg/kg | 1                  |                                      | 3.1                                                                               | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Hexachlorobutadiene                                                | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Isopropylene                                                       | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| p-Isopropyltoluene                                                 | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Methylene chloride                                                 | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Naphthalene                                                        | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |
| Propylbenzene                                                      | mg/kg | 1                  |                                      |                                                                                   | na                            | nd                             | nd                       | na                       | na                       | nd                       |

