

**TABLE 5-17  
ALL SOIL TPH RESULTS  
CHAMPAIGN MGP SITE  
CHAMPAIGN, ILLINOIS  
AMERENIP**

| CONSTITUENT        | UNITS   | B-504                            | B-510                            | TP-503                        | TP-504                        | B-505                            | B-512               | B-513                            |
|--------------------|---------|----------------------------------|----------------------------------|-------------------------------|-------------------------------|----------------------------------|---------------------|----------------------------------|
|                    |         | B-504-3 (2-3)<br>7/13/2004<br>3' | B-510-2 (1-2)<br>7/12/2004<br>2' | TP-503 (3')<br>7/8/2004<br>3' | TP-504 (3')<br>7/8/2004<br>3' | B-505-6 (5-6)<br>7/14/2004<br>6' | B-512-8 (7-8)<br>8' | B-513-8 (7-8)<br>7/12/2004<br>8' |
| Diesel             | (mg/kg) | 6720                             | 50.9                             | 21300                         | 5410                          | 25600                            | 830                 | 884                              |
| Kerosene           | (mg/kg) | <663                             | <6.57                            | <1270                         | <227                          | <993                             | <62.3               | <144                             |
| Mineral spirits    | (mg/kg) | <663                             | <6.57                            | <1270                         | <227                          | <993                             | <62.3               | <144                             |
| n-Butyl alcohol    | (mg/kg) | ---                              | <6.6                             | ---                           | ---                           | ---                              | ---                 | ---                              |
| TPH (as motor oil) | (mg/kg) | 13200                            | 97.9                             | 3430                          | 1280                          | 5510                             | 75                  | <144                             |
| Total TPH          | (mg/kg) | 19920                            | 148.8                            | 24730                         | 6690                          | 31110                            | 905                 | 884                              |

| CONSTITUENT        | UNITS   | B-516                             | B-551                               | B-558                             | TP-501                        | TP-503A                            | TP-507                            | TP-508                        |
|--------------------|---------|-----------------------------------|-------------------------------------|-----------------------------------|-------------------------------|------------------------------------|-----------------------------------|-------------------------------|
|                    |         | B-516-5 (4-5')<br>7/22/2004<br>5' | B-551-10 (9-10)<br>7/15/2004<br>10' | B-558-7 (6-7')<br>7/19/2004<br>7' | TP-501 (7')<br>7/8/2004<br>7' | TP-503A (3.5')<br>7/8/2004<br>3.5' | TP-507 (3.5')<br>7/7/2004<br>3.5' | TP-508 (4')<br>7/8/2004<br>4' |
| Diesel             | (mg/kg) | 5410                              | 699                                 | 946                               | 1880                          | 1210                               | 9530                              | 23500                         |
| Kerosene           | (mg/kg) | <634                              | <68.0                               | <65.5                             | <155                          | <165                               | <414                              | <1070                         |
| Mineral spirits    | (mg/kg) | <634                              | <68.0                               | <65.5                             | <155                          | <165                               | <414                              | <1070                         |
| n-Butyl alcohol    | (mg/kg) | ---                               | ---                                 | ---                               | ---                           | ---                                | ---                               | ---                           |
| TPH (as motor oil) | (mg/kg) | <634                              | 139                                 | <65.5                             | 305                           | 235                                | 2980                              | 5130                          |
| Total TPH          | (mg/kg) | 5410                              | 838                                 | 946                               | 2185                          | 1445                               | 12510                             | 28630                         |

| CONSTITUENT        | UNITS   | B-501                                | B-503                                | B-504                                | B-506                                | B-507                                | B-508                                | B-509                                |
|--------------------|---------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|                    |         | B-501-15 (14-15)<br>7/13/2004<br>15' | B-503-11 (10-11)<br>7/13/2004<br>11' | B-504-21 (20-21)<br>7/14/2004<br>21' | B-506-17 (16-17)<br>7/22/2004<br>17' | B-507-19 (18-19)<br>7/21/2004<br>19' | B-508-11 (10-11)<br>7/19/2004<br>11' | B-509-18 (17-18)<br>7/21/2004<br>18' |
| Diesel             | (mg/kg) | 1050                                 | 222                                  | 8550                                 | 12900                                | 23200                                | 1510                                 | <5.44                                |
| Kerosene           | (mg/kg) | <141                                 | <6.78                                | <539                                 | <554                                 | <3620                                | <64.7                                | 8.58                                 |
| Mineral spirits    | (mg/kg) | <141                                 | <6.78                                | <539                                 | <554                                 | <3620                                | <64.7                                | <5.44                                |
| n-Butyl alcohol    | (mg/kg) | ---                                  | ---                                  | ---                                  | ---                                  | 15                                   | ---                                  | ---                                  |
| TPH (as motor oil) | (mg/kg) | 388                                  | 87                                   | 2490                                 | <554                                 | <3620                                | <64.7                                | <5.44                                |
| Total TPH          | (mg/kg) | 1438                                 | 309                                  | 11040                                | 12900                                | 23215                                | 1510                                 | 8.58                                 |

Notes: mg/kg Milligrams per kilogram  
 <12 Not detected at the level identified  
 Analytical result exceeds one or more Tier 1 RO  
 ND = TPH constituents not detected.

**TABLE 5-17  
ALL SOIL TPH RESULTS  
CHAMPAIGN MGP SITE  
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| CONSTITUENT        | UNITS   | B-514                                | B-515                               | B-550                                | B-553                                | B-554                                | B-556                                | B-557                                |
|--------------------|---------|--------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|                    |         | B-514-17 (16-17)<br>7/22/2004<br>17' | B515-19 (18-19)<br>7/16/2004<br>19' | B-550-11 (10-11)<br>7/20/2004<br>11' | B-553-24 (23-24)<br>7/14/2004<br>24' | B-554-18 (17-18)<br>7/15/2004<br>18' | B-556-20 (19-20)<br>7/20/2004<br>20' | B-557-12 (11-12)<br>7/20/2004<br>12' |
| Diesel             | (mg/kg) | 45900                                | 811                                 | 1540                                 | 40400                                | 5480                                 | 1010                                 | 467                                  |
| Kerosene           | (mg/kg) | <1690                                | <134                                | <63.9                                | <1320                                | <279                                 | <56.8                                | <62.0                                |
| Mineral spirits    | (mg/kg) | <1690                                | <134                                | <63.9                                | <1320                                | <279                                 | <56.8                                | <62.0                                |
| n-Butyl alcohol    | (mg/kg) | ---                                  | ---                                 | ---                                  | ---                                  | ---                                  | ---                                  | <6.1                                 |
| TPH (as motor oil) | (mg/kg) | 14800                                | <134                                | <63.9                                | 8910                                 | 1190                                 | <56.8                                | <62.0                                |
| Total TPH          | (mg/kg) | 60700                                | 811                                 | 1540                                 | 49310                                | 6670                                 | 1010                                 | 467                                  |

| CONSTITUENT        | UNITS   | B-559                                | B-560                                | B-561                              | B-562                                |
|--------------------|---------|--------------------------------------|--------------------------------------|------------------------------------|--------------------------------------|
|                    |         | B-559-19 (18-19)<br>7/19/2004<br>19' | B-560-13 (12-13)<br>7/16/2004<br>13' | B561-10 (9-10)<br>7/15/2004<br>10' | B-562-14 (13-14)<br>7/15/2004<br>14' |
| Diesel             | (mg/kg) | <5.44                                | 2560                                 | ---                                | 5190                                 |
| Kerosene           | (mg/kg) | <5.44                                | <174                                 | ---                                | <281                                 |
| Mineral spirits    | (mg/kg) | <5.44                                | <174                                 | ---                                | <281                                 |
| n-Butyl alcohol    | (mg/kg) | ---                                  | ---                                  | <6.1                               | <5.6                                 |
| TPH (as motor oil) | (mg/kg) | <5.44                                | 633                                  | ---                                | 1030                                 |
| Total TPH          | (mg/kg) | ND                                   | 3193                                 | ND                                 | 6220                                 |

Notes: mg/kg Milligrams per kilogram  
 <12 Not detected at the level identified  
 Analytical result exceeds one or more Tier 1 RO  
 ND = TPH constituents not detected.