

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8270E

DataFile: BM050114.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits  |           | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low     | High      |     |
| PB167857BS    | Benzaldehyde                | 1700  | 750    | ug/Kg | 44  |     |      |      | 20 (10) | 160 (133) |     |
|               | Phenol                      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 20 (62) | 160 (112) |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (60) | 130 (101) |     |
|               | 2-Chlorophenol              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (65) | 130 (112) |     |
|               | 2-Methylphenol              | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (61) | 130 (108) |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (51) | 130 (100) |     |
|               | Acetophenone                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (66) | 130 (98)  |     |
|               | 3+4-Methylphenols           | 1700  | 1300   | ug/Kg | 76  |     |      |      | 20 (58) | 160 (111) |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (63) | 130 (95)  |     |
|               | Hexachloroethane            | 1700  | 1300   | ug/Kg | 76  |     |      |      | 20 (72) | 160 (108) |     |
|               | Nitrobenzene                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (57) | 130 (101) |     |
|               | Isophorone                  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (59) | 130 (99)  |     |
|               | 2-Nitrophenol               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (61) | 130 (111) |     |
|               | 2,4-Dimethylphenol          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (46) | 130 (141) |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (66) | 130 (97)  |     |
|               | 2,4-Dichlorophenol          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (62) | 130 (107) |     |
|               | Naphthalene                 | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (62) | 130 (100) |     |
|               | 4-Chloroaniline             | 1700  | 1100   | ug/Kg | 65  |     | *    |      | 70 (16) | 130 (100) |     |
|               | Hexachlorobutadiene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (53) | 130 (98)  |     |
|               | Caprolactam                 | 1700  | 1300   | ug/Kg | 76  |     |      |      | 20 (67) | 160 (110) |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (58) | 130 (112) |     |
|               | 2-Methylnaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (60) | 130 (104) |     |
|               | Hexachlorocyclopentadiene   | 3300  | 2900   | ug/Kg | 88  |     |      |      | 20 (45) | 160 (165) |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (59) | 130 (102) |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (61) | 130 (98)  |     |
|               | 1,1-Biphenyl                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (57) | 130 (103) |     |
|               | 2-Chloronaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (58) | 130 (99)  |     |
|               | 2-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70 (66) | 130 (101) |     |
|               | Dimethylphthalate           | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (61) | 130 (99)  |     |
|               | Acenaphthylene              | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (63) | 130 (101) |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (61) | 130 (104) |     |
|               | 3-Nitroaniline              | 1700  | 1200   | ug/Kg | 71  |     |      |      | 70 (28) | 130 (100) |     |
|               | Acenaphthene                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (57) | 130 (104) |     |
|               | 2,4-Dinitrophenol           | 3300  | 2700   | ug/Kg | 82  |     |      |      | 20 (37) | 160 (128) |     |
|               | 4-Nitrophenol               | 3300  | 2700   | ug/Kg | 82  |     |      |      | 20 (48) | 160 (119) |     |
|               | Dibenzofuran                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (63) | 130 (99)  |     |
|               | 2,4-Dinitrotoluene          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (60) | 130 (106) |     |
|               | Diethylphthalate            | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (60) | 130 (101) |     |
|               | 4-Chlorophenyl-phenylether  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (58) | 130 (98)  |     |
|               | Fluorene                    | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (61) | 130 (101) |     |
|               | 4-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70 (64) | 130 (103) |     |
|               | 4,6-Dinitro-2-methylphenol  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (76) | 130 (113) |     |
|               | N-Nitrosodiphenylamine      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (71) | 130 (99)  |     |
|               | 4-Bromophenyl-phenylether   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (66) | 130 (102) |     |

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Analytical Method: 8270E

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| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |         | Limits    |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|---------|-----------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low     | High      |  |     |
| PB167857BS    | Hexachlorobenzene          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (64) | 130 (98)  |  |     |
|               | Atrazine                   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (47) | 130 (152) |  |     |
|               | Pentachlorophenol          | 3300  | 3100   | ug/Kg | 94  |     |      |      | 20 (67) | 160 (105) |  |     |
|               | Phenanthrene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (59) | 130 (103) |  |     |
|               | Anthracene                 | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (61) | 130 (105) |  |     |
|               | Carbazole                  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (61) | 130 (99)  |  |     |
|               | Di-n-butylphthalate        | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (58) | 130 (104) |  |     |
|               | Fluoranthene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (57) | 130 (107) |  |     |
|               | Pyrene                     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (59) | 130 (103) |  |     |
|               | Butylbenzylphthalate       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (55) | 130 (103) |  |     |
|               | 3,3-Dichlorobenzidine      | 1700  | 1100   | ug/Kg | 65  |     | *    |      | 70 (42) | 130 (91)  |  |     |
|               | Benzo(a)anthracene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (60) | 130 (102) |  |     |
|               | Chrysene                   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (59) | 130 (101) |  |     |
|               | bis(2-Ethylhexyl)phthalate | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (54) | 130 (135) |  |     |
|               | Di-n-octyl phthalate       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (52) | 130 (137) |  |     |
|               | Benzo(b)fluoranthene       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (62) | 130 (109) |  |     |
|               | Benzo(k)fluoranthene       | 1700  | 1300   | ug/Kg | 76  |     |      |      | 70 (62) | 130 (109) |  |     |
|               | Benzo(a)pyrene             | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (63) | 130 (103) |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70 (63) | 130 (101) |  |     |
|               | Dibenz(a,h)anthracene      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70 (61) | 130 (112) |  |     |
|               | Benzo(g,h,i)perylene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70 (70) | 130 (108) |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (53) | 130 (101) |  |     |
|               | 1,4-Dioxane                | 1700  | 1100   | ug/Kg | 65  |     |      |      | 20 (50) | 160 (96)  |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70 (59) | 130 (108) |  |     |