

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                                                         |                                        |
|---------------------------------------------------------|----------------------------------------|
| <b>SDG No.:</b> <u>Q3495</u>                            | <b>Analytical Method:</b> <u>8270E</u> |
| <b>Client:</b> <u>Remington &amp; Vernick Engineers</u> | <b>DataFile:</b> <u>BP026057.D</u>     |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB170346BS    | Benzaldehyde                | 50    | 31.5   | ug/L | 63  |     |      |      | 10     | 162  |     |
|               | Phenol                      | 50    | 41.9   | ug/L | 84  |     |      |      | 66     | 118  |     |
|               | bis(2-Chloroethyl)ether     | 50    | 39.3   | ug/L | 79  |     |      |      | 62     | 103  |     |
|               | 2-Chlorophenol              | 50    | 42.8   | ug/L | 86  |     |      |      | 70     | 117  |     |
|               | 2-Methylphenol              | 50    | 42.7   | ug/L | 85  |     |      |      | 69     | 109  |     |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 39.2   | ug/L | 78  |     |      |      | 65     | 100  |     |
|               | Acetophenone                | 50    | 45.3   | ug/L | 91  |     |      |      | 60     | 104  |     |
|               | 3+4-Methylphenols           | 50    | 41.8   | ug/L | 84  |     |      |      | 67     | 106  |     |
|               | N-Nitroso-di-n-propylamine  | 50    | 40.4   | ug/L | 81  |     |      |      | 57     | 107  |     |
|               | Hexachloroethane            | 50    | 39.8   | ug/L | 80  |     |      |      | 76     | 118  |     |
|               | Nitrobenzene                | 50    | 42.1   | ug/L | 84  |     |      |      | 58     | 106  |     |
|               | Isophorone                  | 50    | 41.2   | ug/L | 82  |     |      |      | 61     | 102  |     |
|               | 2-Nitrophenol               | 50    | 46.6   | ug/L | 93  |     |      |      | 70     | 115  |     |
|               | 2,4-Dimethylphenol          | 50    | 47.9   | ug/L | 96  |     |      |      | 42     | 142  |     |
|               | bis(2-Chloroethoxy)methane  | 50    | 41.5   | ug/L | 83  |     |      |      | 58     | 109  |     |
|               | 2,4-Dichlorophenol          | 50    | 44.5   | ug/L | 89  |     |      |      | 66     | 115  |     |
|               | Naphthalene                 | 50    | 40.0   | ug/L | 80  |     |      |      | 64     | 107  |     |
|               | 4-Chloroaniline             | 50    | 26.1   | ug/L | 52  |     |      |      | 10     | 85   |     |
|               | Hexachlorobutadiene         | 50    | 39.5   | ug/L | 79  |     |      |      | 69     | 101  |     |
|               | Caprolactam                 | 50    | 42.6   | ug/L | 85  |     |      |      | 58     | 128  |     |
|               | 4-Chloro-3-methylphenol     | 50    | 45.1   | ug/L | 90  |     |      |      | 65     | 114  |     |
|               | 2-Methylnaphthalene         | 50    | 36.6   | ug/L | 73  |     |      |      | 64     | 107  |     |
|               | Hexachlorocyclopentadiene   | 100   | 110    | ug/L | 110 |     |      |      | 36     | 160  |     |
|               | 2,4,6-Trichlorophenol       | 50    | 46.0   | ug/L | 92  |     |      |      | 61     | 110  |     |
|               | 2,4,5-Trichlorophenol       | 50    | 45.3   | ug/L | 91  |     |      |      | 70     | 106  |     |
|               | 1,1-Biphenyl                | 50    | 45.1   | ug/L | 90  |     |      |      | 72     | 98   |     |
|               | 2-Chloronaphthalene         | 50    | 40.1   | ug/L | 80  |     |      |      | 59     | 106  |     |
|               | 2-Nitroaniline              | 50    | 43.1   | ug/L | 86  |     |      |      | 73     | 114  |     |
|               | Dimethylphthalate           | 50    | 42.3   | ug/L | 85  |     |      |      | 64     | 103  |     |
|               | Acenaphthylene              | 50    | 47.6   | ug/L | 95  |     |      |      | 79     | 103  |     |
|               | 2,6-Dinitrotoluene          | 50    | 46.9   | ug/L | 94  |     |      |      | 64     | 110  |     |
|               | 3-Nitroaniline              | 50    | 33.5   | ug/L | 67  |     |      |      | 28     | 100  |     |
|               | Acenaphthene                | 50    | 44.6   | ug/L | 89  |     |      |      | 59     | 113  |     |
|               | 2,4-Dinitrophenol           | 100   | 89.4   | ug/L | 89  |     |      |      | 36     | 166  |     |
|               | 4-Nitrophenol               | 100   | 86.1   | ug/L | 86  |     |      |      | 45     | 147  |     |
|               | Dibenzofuran                | 50    | 41.0   | ug/L | 82  |     |      |      | 65     | 106  |     |
|               | 2,4-Dinitrotoluene          | 50    | 45.6   | ug/L | 91  |     |      |      | 60     | 115  |     |
|               | Diethylphthalate            | 50    | 42.3   | ug/L | 85  |     |      |      | 63     | 105  |     |
|               | 4-Chlorophenyl-phenylether  | 50    | 40.1   | ug/L | 80  |     |      |      | 61     | 104  |     |
|               | Fluorene                    | 50    | 41.1   | ug/L | 82  |     |      |      | 64     | 107  |     |
|               | 4-Nitroaniline              | 50    | 46.1   | ug/L | 92  |     |      |      | 55     | 125  |     |
|               | 4,6-Dinitro-2-methylphenol  | 50    | 50.3   | ug/L | 101 |     |      |      | 62     | 132  |     |
|               | N-Nitrosodiphenylamine      | 50    | 43.5   | ug/L | 87  |     |      |      | 61     | 109  |     |
|               | 4-Bromophenyl-phenylether   | 50    | 42.6   | ug/L | 85  |     |      |      | 73     | 103  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495

Analytical Method: 8270E

Client: Remington & Vernick Engineers

DataFile: BP026057.D

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High |     |
| PB170346BS    | Hexachlorobenzene          | 50    | 41.5   | ug/L | 83  |     |      |      | 73     | 106  |     |
|               | Atrazine                   | 50    | 46.3   | ug/L | 93  |     |      |      | 76     | 120  |     |
|               | Pentachlorophenol          | 100   | 90.1   | ug/L | 90  |     |      |      | 47     | 114  |     |
|               | Phenanthrene               | 50    | 41.4   | ug/L | 83  |     |      |      | 62     | 109  |     |
|               | Anthracene                 | 50    | 42.7   | ug/L | 85  |     |      |      | 65     | 110  |     |
|               | Carbazole                  | 50    | 43.3   | ug/L | 87  |     |      |      | 62     | 106  |     |
|               | Di-n-butylphthalate        | 50    | 44.2   | ug/L | 88  |     |      |      | 64     | 106  |     |
|               | Fluoranthene               | 50    | 41.4   | ug/L | 83  |     |      |      | 64     | 110  |     |
|               | Pyrene                     | 50    | 42.2   | ug/L | 84  |     |      |      | 71     | 103  |     |
|               | Butylbenzylphthalate       | 50    | 45.0   | ug/L | 90  |     |      |      | 61     | 105  |     |
|               | 3,3-Dichlorobenzidine      | 50    | 33.1   | ug/L | 66  |     |      |      | 43     | 108  |     |
|               | Benzo(a)anthracene         | 50    | 42.1   | ug/L | 84  |     |      |      | 62     | 107  |     |
|               | Chrysene                   | 50    | 41.3   | ug/L | 83  |     |      |      | 61     | 108  |     |
|               | bis(2-Ethylhexyl)phthalate | 50    | 42.6   | ug/L | 85  |     |      |      | 59     | 110  |     |
|               | Di-n-octyl phthalate       | 50    | 48.0   | ug/L | 96  |     |      |      | 52     | 139  |     |
|               | Benzo(b)fluoranthene       | 50    | 43.6   | ug/L | 87  |     |      |      | 77     | 113  |     |
|               | Benzo(k)fluoranthene       | 50    | 43.6   | ug/L | 87  |     |      |      | 77     | 105  |     |
|               | Benzo(a)pyrene             | 50    | 45.8   | ug/L | 92  |     |      |      | 72     | 131  |     |
|               | Indeno(1,2,3-cd)pyrene     | 50    | 44.0   | ug/L | 88  |     |      |      | 72     | 105  |     |
|               | Dibenz(a,h)anthracene      | 50    | 44.6   | ug/L | 89  |     |      |      | 78     | 115  |     |
|               | Benzo(g,h,i)perylene       | 50    | 45.2   | ug/L | 90  |     |      |      | 75     | 118  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 50    | 43.1   | ug/L | 86  |     |      |      | 72     | 101  |     |
|               | 1,4-Dioxane                | 50    | 33.2   | ug/L | 66  |     |      |      | 38     | 125  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 50    | 48.6   | ug/L | 97  |     |      |      | 63     | 116  |     |