

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                          |                           |                   |
|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3586</u>                             | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>DataFile :</b>         | <u>PD091062.D</u> |

|                | Parameter                | Spike             | Sample |         | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits    |  | RPD |
|----------------|--------------------------|-------------------|--------|---------|-------|-----|----------|-----|----------|---------|-----------|--|-----|
|                |                          |                   | Result |         |       |     |          |     |          |         | High      |  |     |
| Lab Sample ID: | Q3586-03MS<br>(Column 1) | Client Sample ID: |        | SED-3MS |       |     |          |     |          |         |           |  |     |
|                | alpha-BHC                | 32.67             | 0      | 31.0    | ug/kg | 95  |          |     |          | 30 (60) | 150 (144) |  |     |
|                | beta-BHC                 | 32.67             | 0      | 30.8    | ug/kg | 94  |          |     |          | 30 (54) | 150 (143) |  |     |
|                | delta-BHC                | 32.67             | 0      | 31.3    | ug/kg | 96  |          |     |          | 30 (47) | 150 (129) |  |     |
|                | gamma-BHC (Lindane)      | 32.67             | 0      | 30.5    | ug/kg | 93  |          |     |          | 30 (39) | 150 (136) |  |     |
|                | Heptachlor               | 32.67             | 0      | 37.2    | ug/kg | 114 |          |     |          | 30 (33) | 150 (148) |  |     |
|                | Aldrin                   | 32.67             | 0      | 30.6    | ug/kg | 94  |          |     |          | 30 (38) | 150 (139) |  |     |
|                | Heptachlor epoxide       | 32.67             | 0      | 30.5    | ug/kg | 93  |          |     |          | 30 (23) | 150 (155) |  |     |
|                | Endosulfan I             | 32.67             | 0      | 30.2    | ug/kg | 92  |          |     |          | 30 (30) | 150 (142) |  |     |
|                | Dieldrin                 | 32.67             | 0      | 30.4    | ug/kg | 93  |          |     |          | 30 (32) | 150 (140) |  |     |
|                | 4,4'-DDE                 | 32.67             | 0      | 29.8    | ug/kg | 91  |          |     |          | 30 (20) | 150 (156) |  |     |
|                | Endrin                   | 32.67             | 0      | 29.9    | ug/kg | 92  |          |     |          | 30 (57) | 150 (139) |  |     |
|                | Endosulfan II            | 32.67             | 0      | 29.2    | ug/kg | 89  |          |     |          | 30 (41) | 150 (125) |  |     |
|                | 4,4'-DDD                 | 32.67             | 0      | 31.7    | ug/kg | 97  |          |     |          | 30 (47) | 150 (163) |  |     |
|                | Endosulfan sulfate       | 32.67             | 0      | 29.4    | ug/kg | 90  |          |     |          | 30 (43) | 150 (125) |  |     |
|                | 4,4'-DDT                 | 32.67             | 0      | 30.9    | ug/kg | 95  |          |     |          | 30 (25) | 150 (149) |  |     |
|                | Methoxychlor             | 32.67             | 0      | 30.7    | ug/kg | 94  |          |     |          | 30 (32) | 150 (132) |  |     |
|                | Endrin ketone            | 32.67             | 0      | 30.6    | ug/kg | 94  |          |     |          | 30 (27) | 150 (142) |  |     |
|                | Endrin aldehyde          | 32.67             | 0      | 30.3    | ug/kg | 93  |          |     |          | 30 (19) | 150 (148) |  |     |
|                | alpha-Chlordane          | 32.67             | 0      | 29.7    | ug/kg | 91  |          |     |          | 30 (26) | 150 (147) |  |     |
|                | gamma-Chlordane          | 32.67             | 0      | 29.4    | ug/kg | 90  |          |     |          | 30 (30) | 150 (142) |  |     |
| Lab Sample ID: | Q3586-03MS<br>(Column 2) | Client Sample ID: |        | SED-3MS |       |     |          |     |          |         |           |  |     |
|                | alpha-BHC                | 32.67             | 0      | 33.4    | ug/kg | 102 |          |     |          | 30 (60) | 150 (144) |  |     |
|                | beta-BHC                 | 32.67             | 0      | 33.6    | ug/kg | 103 |          |     |          | 30 (54) | 150 (143) |  |     |
|                | delta-BHC                | 32.67             | 0      | 32.8    | ug/kg | 100 |          |     |          | 30 (47) | 150 (129) |  |     |
|                | gamma-BHC (Lindane)      | 32.67             | 0      | 32.9    | ug/kg | 101 |          |     |          | 30 (39) | 150 (136) |  |     |
|                | Heptachlor               | 32.67             | 0      | 34.7    | ug/kg | 106 |          |     |          | 30 (33) | 150 (148) |  |     |
|                | Aldrin                   | 32.67             | 0      | 32.8    | ug/kg | 100 |          |     |          | 30 (38) | 150 (139) |  |     |
|                | Heptachlor epoxide       | 32.67             | 0      | 32.8    | ug/kg | 100 |          |     |          | 30 (23) | 150 (155) |  |     |
|                | Endosulfan I             | 32.67             | 0      | 32.5    | ug/kg | 99  |          |     |          | 30 (30) | 150 (142) |  |     |
|                | Dieldrin                 | 32.67             | 0      | 32.6    | ug/kg | 100 |          |     |          | 30 (32) | 150 (140) |  |     |
|                | 4,4'-DDE                 | 32.67             | 0      | 32.5    | ug/kg | 99  |          |     |          | 30 (20) | 150 (156) |  |     |
|                | Endrin                   | 32.67             | 0      | 32.3    | ug/kg | 99  |          |     |          | 30 (57) | 150 (139) |  |     |
|                | Endosulfan II            | 32.67             | 0      | 32.9    | ug/kg | 101 |          |     |          | 30 (41) | 150 (125) |  |     |
|                | 4,4'-DDD                 | 32.67             | 0      | 31.9    | ug/kg | 98  |          |     |          | 30 (47) | 150 (163) |  |     |
|                | Endosulfan sulfate       | 32.67             | 0      | 32.7    | ug/kg | 100 |          |     |          | 30 (43) | 150 (125) |  |     |

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|                 |                                          |                           |                   |
|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3586</u>                             | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>DataFile :</b>         | <u>PD091062.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits    |  | RPD |
|-----------------|-------|--------|--------|-------|-----|----------|-----|----------|---------|-----------|--|-----|
|                 |       | Result | Result |       |     |          |     |          |         | High      |  |     |
| 4,4'-DDT        | 32.67 | 0      | 33.5   | ug/kg | 103 |          |     |          | 30 (25) | 150 (149) |  |     |
| Methoxychlor    | 32.67 | 0      | 33.4   | ug/kg | 102 |          |     |          | 30 (32) | 150 (132) |  |     |
| Endrin ketone   | 32.67 | 0      | 33.4   | ug/kg | 102 |          |     |          | 30 (27) | 150 (142) |  |     |
| Endrin aldehyde | 32.67 | 0      | 32.9   | ug/kg | 101 |          |     |          | 30 (19) | 150 (148) |  |     |
| alpha-Chlordane | 32.67 | 0      | 32.5   | ug/kg | 99  |          |     |          | 30 (26) | 150 (147) |  |     |
| gamma-Chlordane | 32.67 | 0      | 32.5   | ug/kg | 99  |          |     |          | 30 (30) | 150 (142) |  |     |