

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1241

Client: RU2 Engineering, LLC

Analytical Method: 8081B

DataFile : PL093960.D

| Lab Sample ID:    | Parameter           | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-------------------|---------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| Client Sample ID: | 357MS               |       |               |        |       |     |          |     |          |     |             |     |
| Q1239-10MS        | alpha-BHC           | 19.63 | 0             | 19.6   | ug/kg | 100 |          |     |          | 60  | 144         |     |
|                   | beta-BHC            | 19.63 | 0             | 19.9   | ug/kg | 101 |          |     |          | 54  | 143         |     |
|                   | delta-BHC           | 19.63 | 0             | 19.1   | ug/kg | 97  |          |     |          | 47  | 144         |     |
|                   | gamma-BHC (Lindane) | 19.63 | 0             | 19.2   | ug/kg | 98  |          |     |          | 61  | 140         |     |
|                   | Heptachlor          | 19.63 | 0             | 19.1   | ug/kg | 97  |          |     |          | 63  | 135         |     |
|                   | Aldrin              | 19.63 | 0             | 19.3   | ug/kg | 98  |          |     |          | 49  | 139         |     |
|                   | Heptachlor epoxide  | 19.63 | 0             | 20.0   | ug/kg | 102 |          |     |          | 32  | 180         |     |
|                   | Endosulfan I        | 19.63 | 0             | 19.0   | ug/kg | 97  |          |     |          | 56  | 142         |     |
|                   | Dieldrin            | 19.63 | 0             | 20.5   | ug/kg | 104 |          |     |          | 47  | 161         |     |
|                   | 4,4'-DDE            | 19.63 | 0             | 21.4   | ug/kg | 109 |          |     |          | 55  | 136         |     |
|                   | Endrin              | 19.63 | 0             | 20.2   | ug/kg | 103 |          |     |          | 57  | 139         |     |
|                   | Endosulfan II       | 19.63 | 0             | 19.5   | ug/kg | 99  |          |     |          | 40  | 163         |     |
|                   | 4,4'-DDD            | 19.63 | 0.28          | 22.0   | ug/kg | 111 |          |     |          | 37  | 192         |     |
|                   | Endosulfan sulfate  | 19.63 | 0             | 18.4   | ug/kg | 94  |          |     |          | 62  | 139         |     |
|                   | 4,4'-DDT            | 19.63 | 0             | 18.9   | ug/kg | 96  |          |     |          | 51  | 146         |     |
|                   | Methoxychlor        | 19.63 | 0             | 17.5   | ug/kg | 89  |          |     |          | 54  | 136         |     |
|                   | Endrin ketone       | 19.63 | 0             | 17.5   | ug/kg | 89  |          |     |          | 60  | 129         |     |
|                   | Endrin aldehyde     | 19.63 | 0             | 13.7   | ug/kg | 70  |          |     |          | 59  | 132         |     |
|                   | alpha-Chlordane     | 19.63 | 0             | 20.4   | ug/kg | 104 |          |     |          | 30  | 192         |     |
|                   | gamma-Chlordane     | 19.63 | 0             | 21.0   | ug/kg | 107 |          |     |          | 44  | 175         |     |