

FORM 5A - IN  
MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030  
 Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHJ97  
 Matrix : Soil Analytical Method: ICP-AES  
 % Solids: 80.2

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

| Analyte   | Control<br>Limit<br>%R | Spiked<br>Sample<br>Result (SSR) | Q | Sample<br>Result (SR) | Q | Spike Added<br>(SA) | %R  | Q |
|-----------|------------------------|----------------------------------|---|-----------------------|---|---------------------|-----|---|
| Antimony  | 75 - 125               | 14                               |   | 5.4                   | U | 19.2                | 73  | * |
| Arsenic   | 75 - 125               | 11                               |   | 3.4                   |   | 7.67                | 96  |   |
| Barium    | 75 - 125               | 500                              |   | 170                   |   | 384                 | 87  |   |
| Beryllium | 75 - 125               | 9.2                              |   | 1.1                   |   | 9.59                | 85  |   |
| Cadmium   | 75 - 125               | 9.3                              |   | 0.64                  |   | 9.59                | 90  |   |
| Chromium  | 75 - 125               | 52                               |   | 17                    |   | 38.4                | 91  |   |
| Cobalt    | 75 - 125               | 110                              |   | 14                    |   | 95.9                | 96  |   |
| Copper    | 75 - 125               | 64                               |   | 25                    |   | 48.0                | 81  |   |
| Lead      |                        | 29                               |   | 24                    |   | 3.84                | 123 |   |
| Manganese |                        | 540                              |   | 440                   |   | 95.9                | 109 |   |
| Nickel    | 75 - 125               | 120                              |   | 30                    |   | 95.9                | 97  |   |
| Selenium  | 75 - 125               | 13                               |   | 3.2                   | U | 19.2                | 68  | * |
| Silver    | 75 - 125               | 6.4                              |   | 0.9                   | U | 9.59                | 67  | * |
| Thallium  | 75 - 125               | 8.2                              |   | 2.3                   | U | 9.59                | 85  |   |
| Vanadium  | 75 - 125               | 110                              |   | 22                    |   | 95.9                | 87  |   |
| Zinc      | 75 - 125               | 190                              |   | 110                   |   | 95.9                | 79  |   |