

## FORM 5A - IN

## MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030  
 Lab Code: ACE Case No.: 51879 MA No. :                      SDG No.: MBHHL4  
 Matrix : Soil Analytical Method: ICP-AES  
 % Solids: 85.1

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

| Analyte   | Control Limit<br>%R | Spiked Sample<br>Result (SSR) Q | Sample Result (SR) Q | Spike Added (SA) | %R  | Q |
|-----------|---------------------|---------------------------------|----------------------|------------------|-----|---|
| Antimony  | 75 - 125            | 16                              | 0.69 J               | 19.7             | 77  |   |
| Arsenic   | 75 - 125            | 15                              | 5.5                  | 7.9              | 115 |   |
| Barium    | 75 - 125            | 430                             | 72                   | 395              | 91  |   |
| Beryllium | 75 - 125            | 9.0                             | 0.35 J               | 9.87             | 88  |   |
| Cadmium   | 75 - 125            | 12                              | 1.4                  | 9.87             | 104 |   |
| Chromium  | 75 - 125            | 50                              | 12                   | 39.5             | 98  |   |
| Cobalt    | 75 - 125            | 110                             | 7.6                  | 98.7             | 103 |   |
| Copper    | 75 - 125            | 76                              | 31                   | 49.4             | 91  |   |
| Lead      |                     | 130                             | 110                  | 3.95             | 515 |   |
| Manganese |                     | 970                             | 770                  | 98.7             | 205 |   |
| Nickel    | 75 - 125            | 120                             | 16                   | 98.7             | 105 |   |
| Selenium  | 75 - 125            | 14                              | 3.0 U                | 19.7             | 71  | * |
| Silver    | 75 - 125            | 6.7                             | 0.85 U               | 9.87             | 68  | * |
| Thallium  | 75 - 125            | 8.6                             | 2.1 U                | 9.87             | 87  |   |
| Vanadium  | 75 - 125            | 110                             | 17                   | 98.7             | 94  |   |
| Zinc      | 75 - 125            | 200                             | 110                  | 98.7             | 90  |   |