

## FORM 5A - IN

## MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030  
 Lab Code: ACE Case No.: 51772 MA No. :                      SDG No.: MYDAH3  
 Matrix : Soil Analytical Method: ICP-AES  
 % Solids: 98.5

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               | 19                               | D | 1.8                   | JD | 33.8                | 52  | * |
| Arsenic   |                        | 130                              | D | 90                    | D  | 13.54               | 271 |   |
| Barium    | 75 - 125               | 820                              | D | 140                   | D  | 676                 | 101 |   |
| Beryllium | 75 - 125               | 16                               | D | 0.74                  | JD | 16.92               | 87  |   |
| Cadmium   | 75 - 125               | 17                               | D | 0.92                  | D  | 16.92               | 94  |   |
| Chromium  | 75 - 125               | 85                               | D | 14                    | D  | 67.6                | 106 |   |
| Cobalt    | 75 - 125               | 190                              | D | 14                    | D  | 169.2               | 101 |   |
| Copper    | 75 - 125               | 140                              | D | 50                    | D  | 84.6                | 102 |   |
| Lead      |                        | 120                              | D | 87                    | D  | 6.76                | 455 |   |
| Manganese |                        | 1100                             | D | 790                   | D  | 169.2               | 210 |   |
| Nickel    | 75 - 125               | 190                              | D | 16                    | D  | 169.2               | 102 |   |
| Selenium  | 75 - 125               | 19                               | D | 5.5                   | UD | 33.8                | 72  | * |
| Silver    | 75 - 125               | 11                               | D | 1.6                   | UD | 16.92               | 85  |   |
| Thallium  | 75 - 125               | 10                               | D | 3.9                   | UD | 16.92               | 88  |   |
| Vanadium  | 75 - 125               | 240                              | D | 62                    | D  | 169.2               | 104 |   |
| Zinc      | 75 - 125               | 440                              | D | 250                   | D  | 169.2               | 112 |   |