

## FORM 5A - IN

## MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030  
 Lab Code: ACE Case No.: 51772 MA No. :                      SDG No.: MYD0D5  
 Matrix : Soil Analytical Method: ICP-MS  
 % Solids: 95.2

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               | 140                              |   | 0.34                  | J | 138                 | 98  |   |
| Arsenic   | 75 - 125               | 110                              |   | 51                    |   | 55.5                | 112 |   |
| Barium    | 75 - 125               | 3300                             | D | 190                   | D | 2700                | 113 |   |
| Beryllium | 75 - 125               | 78                               |   | 0.96                  |   | 69.0                | 111 |   |
| Cadmium   | 75 - 125               | 67                               |   | 0.3                   | J | 69.0                | 96  |   |
| Chromium  | 75 - 125               | 360                              |   | 60                    |   | 276                 | 109 |   |
| Cobalt    | 75 - 125               | 830                              | D | 29                    | D | 691.5               | 116 |   |
| Copper    | 75 - 125               | 440                              |   | 77                    |   | 345                 | 105 |   |
| Lead      | 75 - 125               | 44                               |   | 15                    |   | 27.0                | 106 |   |
| Nickel    | 75 - 125               | 850                              | D | 48                    | D | 691.5               | 116 |   |
| Selenium  | 75 - 125               | 140                              |   | 0.41                  | J | 138                 | 99  |   |
| Silver    | 75 - 125               | 57                               |   | 0.073                 | J | 69.0                | 82  |   |
| Thallium  | 75 - 125               | 69                               |   | 0.14                  | J | 69.0                | 99  |   |
| Vanadium  | 75 - 125               | 900                              | D | 110                   | D | 691.5               | 113 |   |
| Zinc      | 75 - 125               | 840                              |   | 85                    |   | 691.5               | 109 |   |

MYD0W2S

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| 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               | 27                               |   | 0.34                  | J | 28.5                | 94  |   |
| Arsenic   |                        | 74                               |   | 51                    |   | 11.4                | 202 |   |
| Barium    | 75 - 125               | 790                              | D | 190                   | D | 570                 | 105 |   |
| Beryllium | 75 - 125               | 15                               |   | 0.96                  |   | 14.1                | 99  |   |
| Cadmium   | 75 - 125               | 14                               |   | 0.3                   | J | 14.1                | 95  |   |
| Chromium  | 75 - 125               | 130                              |   | 60                    |   | 56.7                | 115 |   |
| Cobalt    | 75 - 125               | 180                              | D | 29                    | D | 141.9               | 103 |   |
| Copper    | 75 - 125               | 160                              |   | 77                    |   | 71.1                | 112 |   |
| Lead      | 75 - 125               | 23                               |   | 15                    |   | 5.7                 | 138 | * |
| Nickel    | 75 - 125               | 200                              | D | 48                    | D | 141.9               | 107 |   |
| Selenium  | 75 - 125               | 32                               |   | 0.41                  | J | 28.5                | 110 |   |
| Silver    | 75 - 125               | 12                               |   | 0.073                 | J | 14.1                | 83  |   |
| Thallium  | 75 - 125               | 12                               |   | 0.14                  | J | 14.1                | 85  |   |
| Vanadium  | 75 - 125               | 280                              | D | 110                   | D | 141.9               | 116 |   |
| Zinc      | 75 - 125               | 230                              |   | 85                    |   | 141.9               | 102 |   |