

## FORM 5A - IN

## MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. :                      SDG No.: MBHME1Matrix : SoilAnalytical Method: ICP-AES% Solids: 75.4Concentration 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                                 | 3.8 J                   | 23.3                | 64    | * |
| Arsenic   | 75 - 125               | 21                                 | 20                      | 9.31                | 15    | * |
| Barium    | 75 - 125               | 670                                | 290                     | 465                 | 81    |   |
| Beryllium | 75 - 125               | 9.9                                | 0.63                    | 11.6                | 80    |   |
| Cadmium   | 75 - 125               | 12                                 | 1.0                     | 11.6                | 90    |   |
| Chromium  | 75 - 125               | 55                                 | 17                      | 46.5                | 81    |   |
| Cobalt    | 75 - 125               | 120                                | 14                      | 116                 | 93    |   |
| Copper    | 75 - 125               | 110                                | 70                      | 58.2                | 65    | * |
| Lead      |                        | 1000                               | 530                     | 4.65                | 10682 |   |
| Manganese |                        | 1200                               | 1200                    | 116                 | -0    |   |
| Nickel    | 75 - 125               | 130                                | 22                      | 116                 | 90    |   |
| Selenium  | 75 - 125               | 17                                 | 4.6                     | 23.3                | 54    | * |
| Silver    | 75 - 125               | 5.8                                | 1.1 U                   | 11.6                | 50    | * |
| Thallium  | 75 - 125               | 11                                 | 2.8 U                   | 11.6                | 95    |   |
| Vanadium  | 75 - 125               | 110                                | 17                      | 116                 | 80    |   |
| Zinc      | 75 - 125               | 340                                | 280                     | 116                 | 50    | * |