

MYDAE1S

FORM 5A - IN

## MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDAD3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 98.9

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            | 12                            | D | 0.94               | JD | 29.4             | 39  | * |
| Arsenic   | 75 - 125            | 38                            | D | 31                 | D  | 11.72            | 64  | * |
| Barium    | 75 - 125            | 650                           | D | 130                | D  | 586              | 89  |   |
| Beryllium | 75 - 125            | 15                            | D | 0.93               | D  | 14.66            | 94  |   |
| Cadmium   | 75 - 125            | 13                            | D | 0.21               | JD | 14.66            | 90  |   |
| Chromium  | 75 - 125            | 69                            | D | 15                 | D  | 58.6             | 93  |   |
| Cobalt    | 75 - 125            | 150                           | D | 15                 | D  | 146.6            | 93  |   |
| Copper    | 75 - 125            | 92                            | D | 31                 | D  | 73.2             | 83  |   |
| Lead      |                     | 40                            | D | 34                 | D  | 5.86             | 100 |   |
| Manganese |                     | 740                           | D | 630                | D  | 146.6            | 71  |   |
| Nickel    | 75 - 125            | 150                           | D | 16                 | D  | 146.6            | 94  |   |
| Selenium  | 75 - 125            | 19                            | D | 4.9                | UD | 29.4             | 63  | * |
| Silver    | 75 - 125            | 9.5                           | D | 1.4                | UD | 14.66            | 86  |   |
| Thallium  | 75 - 125            | 8.2                           | D | 3.5                | UD | 14.66            | 87  |   |
| Vanadium  | 75 - 125            | 200                           | D | 64                 | D  | 146.6            | 91  |   |
| Zinc      | 75 - 125            | 210                           | D | 97                 | D  | 146.6            | 75  |   |