

**Lead Analysis Data Review Checklist  
Schofield Barracks**

**Project:** 07-3080.04\_Schofield Barracks      **Work Order:** 710210\_(7983)  
**LAB ID:** GPL      **Analysis Type:** Lead  
**Reviewer:** C. Bryson/B. Badaoui  
**Date:** 1/02/08

| Sample           | Matrix | Collection Date | Date Received | Extraction Date | Hold Times Met?<br>(Y, N< or N/A) | Analysis Date | Hold Times Met?<br>(Y, N< or N/A) |
|------------------|--------|-----------------|---------------|-----------------|-----------------------------------|---------------|-----------------------------------|
| SB-CZ-SS-2394-SD | Soil   | 10-05-2007      | 10-30-2007    | 11-02-2007      | N/A                               | 11-06-2007    | N/A                               |
| SB-CZ-SS-2395-SD | Soil   | 10-05-2007      | 10-30-2007    | 11-02-2007      | N/A                               | 11-06-2007    | N/A                               |

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|  |   | Yes | No   | N/A | Sample Affected/Comments |
|--|---|-----|------|-----|--------------------------|
| 1.0  | <b>Sample Chain of Custody Review</b>   |     |      |     |                          |
| 1.1  | Are the printed names and signatures present in the Relinquished By and Received By Blocks?   |     | X(1) |     |                          |
| 1.2  | Does the COC date match the Relinquished By date?   |     | X    |     |                          |
| 1.3  | Is the Received By date consistent with sample custody transfer (Relinquished By)?  |     | X    |     |                          |
| 1.4  | Have all the samples listed on the Chain of Custody have been analyzed? (Verify this by checking that the Memo and/or case narratives are consistent with the COC). |     | X    |     |                          |
| 1.5  | Were the sample(s) preserved appropriately?   |     |      | X   |                          |
| 1.6  | Are all the samples included in the analytical report listed correctly on the Chain of Custody?   |     | X    |     |                          |
| 1.7  | Are the analytes reported consistent with the project requirements?   |     | X    |     |                          |
| <p>Additional Comments:</p> <p>1. Printed name not present in received by block. No data were qualified as a result of this omission</p> |   |     |      |     |                          |

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| <b>2.0</b>           | <b>Sample Receipt Checklist Review</b>  |     |    |     |                          |
| 2.1                  | Did the laboratory complete the Sample Receiving Checklist?   | X   |    |     |                          |
| 2.2                  | Are all receipt inspection items marked "Yes"? (If "No" are they acceptable?).  | X   |    |     |                          |
| Additional Comments: |   |     |    |     |                          |
| <b>3.0</b>           | <b>Case Narrative/Analytical Report</b>   |     |    |     |                          |
| 3.1                  | Does the Case Narrative report submitted by the laboratory indicate any problems with the analysis or other factors which could impact the validity of the sample analysis? |     | X  |     |                          |
| 3.2                  | Does the Analytical report agree with the analyte list specified for the project?   | X   |    |     |                          |

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| 3.3                  | Were the samples analyzed using SW846 Method 6010C, or an equivalent?  | X   |    |     |                          |
| 3.4                  | Are results that are flagged by laboratory necessary and complete, and are understandable comments provided?               | X   |    |     |                          |
| 3.5                  | Are the reporting units are correct and consistent?  | X   |    |     |                          |
| Additional Comments: |  |     |    |     |                          |
| <b>4.0</b>           | <b>Laboratory Control Samples</b>  |     |    |     |                          |
| 4.1                  | Was one LCS (laboratory control sample) analyzed per 20 samples or digestate analytical batch, whichever is more frequent? | X   |    |     |                          |

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| 4.2                  | Were the LCS results within an acceptable range of % recovery?   | X   |    |     |                          |
| Additional Comments: |  |     |    |     |                          |
| <b>5.0</b>           | <b>Method Blank</b>  |     |    |     |                          |
| 5.1                  | Was one preparation blank analyzed per 20 samples or digestate analytical batch, whichever is more frequent? | X   |    |     |                          |
| 5.2                  | Were blank concentrations less than the method detection limit?  | X   |    |     |                          |
| Additional Comments: |  |     |    |     |                          |

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| <b>6.0</b>           | <b>Matrix Spike Sample</b>   |     |    |     |                          |
| 6.1                  | Was one MS sample analyzed per 20 samples or digestate analytical batch, whichever is more frequent?           | X   |    |     |                          |
| 6.2                  | Were the MS results within the acceptable range?   | X   |    |     |                          |
| Additional Comments: |  |     |    |     |                          |
| <b>7.0</b>           | <b>Duplicate Analysis</b>  |     |    |     |                          |
| 7.1                  | Was one duplicate analysis performed per 20 samples or digestate analytical batch, whichever is more frequent? | X   |    |     |                          |
| 7.2                  | Was the sample selected for duplicate analysis a sample other than a field blank?                              | X   |    |     |                          |
| 7.3                  | Were the RPD values for laboratory duplicates acceptable?  | X   |    |     |                          |
| Additional Comments: |  |     |    |     |                          |

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| 8.0                  | <b>Other Blanks (e.g., field blanks, trip blanks, leachate blanks)</b> |     |    |     |                          |
| 8.1                  | List blank analyses performed  |     |    | X   |                          |
| 8.2                  | Were all results below project detection limit?                        |     |    | X   |                          |
| Additional Comments: |  |     |    |     |                          |