

**Lead Analysis Data Review Checklist
Schofield Barracks**

Project: 07-3080.04_Schofield Barracks **Work Order:** 710199_(7973)
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? (Y, N< or N/A) | Analysis Date | Hold Times Met? (Y, N< or N/A) |
|------------------|--------|-----------------|---------------|-----------------|--------------------------------|--------------------------|--------------------------------|
| SB-CZ-SS-2350-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2351-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2352-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2353-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2354-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2355-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2356-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2357-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2358-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2359-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2360-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2361-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2362-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| SB-CZ-SS-2363-SD | Soil | 10/05/2007 | 10-29-2007 | 11/01/2007 | N/A | 12-03-2007 | N/A |
| | | | Yes | No | N/A | Sample Affected/Comments | |

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| | | | | | |
|--|---|---|------|---|--|
| 1.0 | Sample Chain of Custody Review | | | | |
| 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 | | |
| Additional Comments: 1. COC, case narrative, and laboratory checklist are missing from the package 710199. Called the laboratory to re-send the missing items. | | | | | |

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| | | Yes | No | N/A | Sample Affected/Comments |
|----------------------|---|-----|------|-----|--------------------------|
| 2.0 | Sample Receipt Checklist Review | | | | |
| 2.1 | Did the laboratory complete the Sample Receiving Checklist? | | X(1) | | |
| 2.2 | Are all receipt inspection items marked "Yes"? (If "No" are they acceptable?). | | X(1) | | |
| Additional Comments: | | | | | |
| 3.0 | Case Narrative/Analytical Report | | | | |
| 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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| | | Yes | No | N/A | Sample Affected/Comments |
|----------------------|--|-----|----|-----|--------------------------|
| 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: | | | | | |
| 4.0 | Laboratory Control Samples | | | | |
| 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: | | | | | |
| 5.0 | Method Blank | | | | |
| 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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| 6.0 | Matrix Spike Sample | | | | |
| 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: | | | | | |
| 7.0 | Duplicate Analysis | | | | |
| 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 | Other Blanks (e.g., field blanks, trip blanks, leachate blanks) | | | | |
| 8.1 | List blank analyses performed | | | X | |
| 8.2 | Were all results below project detection limit? | | | X | |
| Additional Comments: | | | | | |