## Radiochemical Data Review Checklist
## Schofield Barracks

**Project:** 07-3080.04
**LAB ID:** GPL
**Reviewer:** Bachir Badaoui
**Date:** 12/13/2007

**Work Order:** 709137 - (Rad 7852)
**Analysis Type:** Lead

| 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-2049-SD | Soil | 8/22/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2050-SD | Soil | 8/22/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2051-SD | Soil | 8/22/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2052-SD | Soil | 8/20/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2053-SD | Soil | 8/20/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2054-SD | Soil | 8/20/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2055-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2056-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2057-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2058-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2059-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2060-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2061-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2062-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2063-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |
| SB-CZ-SS-2064-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/04/2007 | N/A |

## Lead Analysis Data Review Checklist
## Schofield Barracks

**Project:** 07-3080.04
**LAB ID**: SC&A
**Reviewer:** Bachir Badaoui
**Date:** 12/13/2007

**Work Order:** 709137 - (Rad 7852)
**Analysis Type:** Lead

| 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-2065-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/02/2007 | N/A |
| SB-CZ-SS-2066-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/02/2007 | N/A |
| SB-CZ-SS-2067-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/02/2007 | N/A |
| SB-CZ-SS-2068-SD | Soil | 8/23/2007 | 9/25/2007 | 9/26/2007 | N/A | 10/02/2007 | N/A |

**Lead Analysis Data Review Checklist**
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| | | Yes | No | N/A | Sample Affected/Comments |
|---|---|---|---|---|---|
| 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. Printed name not present in received by block. No data were qualified as a result of this omission.

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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 | | | |
| 2.2 | Are all receipt inspection items marked "Yes"? (If "No" are they acceptable?). | X | | | |
| 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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**Schofield Barracks**

| | | 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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| | | Yes | No | N/A | Sample Affected/Comments |
|---|---|---|---|---|---|
| 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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| | | Yes | No | N/A | Sample Affected/Comments |
|---|---|---|---|---|---|
| **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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| | | Yes | No | N/A | Sample Affected/Comments |
|---|---|---|---|---|---|
| 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: | | | | | |