Radiochemical Data Review Checklist
Schofield Barracks

Project: 07-3080.04
LAB ID: GPL
Reviewer: Bachir Badaoui
Date: 12/14/2007

Work Order: 710030 - (Rad 7923)
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-2169-ST	Soil	9/24/2007	10/4/2007	10/8/2007	N/A	10/15/2007	N/A
SB-CZ-SS-2170-ST	Soil	9/24/2007	10/4/2007	10/8/2007	N/A	10/15/2007	N/A
SB-CZ-SS-2172-ST	Soil	9/24/2007	10/4/2007	10/8/2007	N/A	10/15/2007	N/A
SB-CZ-SS-2171-ST	Soil	9/24/2007	10/4/2007	10/8/2007	N/A	10/15/2007	N/A

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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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		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:					