

APPENDIX B: FIELD SURVEY DOCUMENTATION


- **Chain of Custody Documentation**
- **Survey Field Notes**
- **Amendment to Work Plan**

STL St. Louis Chain-of-Custody Record

13715 Rider Trial North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757


Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU3-71-SS-B-0	10/24/06	14:40	Soil	Ziploc bag	N/A	1	X											
2	SU3-71-SB-B-0	10/24/06	14:50	Soil	Ziploc bag	N/A	1	X											
3	SU3-70-SS-B-0	10/24/06	14:30	Soil	Ziploc bag	N/A	1	X											
4	SU3-70-SB-B-0	10/24/06	14:30	Soil	Ziploc bag	N/A	1	X											
5	SU3-69-SS-B-0	10/24/06	14:55	Soil	Ziploc bag	N/A	1	X											
6	SU3-69-SB-B-0	10/24/06	15:00	Soil	Ziploc bag	N/A	1	X											
7	SU3-67-SS-B-0	10/25/06	10:00	Soil	Ziploc bag	N/A	1	X											
8	SU3-67-SB-B-0	10/25/06	10:00	Soil	Ziploc bag	N/A	1	X											
9	SU3-66-SS-B-0	10/25/06	10:15	Soil	Ziploc bag	N/A	1	X											
10	SU3-66-SB-B-0	10/25/06	10:15	Soil	Ziploc bag	N/A	1	X											
						Fed Ex		Airbill No.:				Required Turnaround: 5 days							
Relinquished by: 		Date	Relinquished by:				Date	Relinquished by:				Date							
Company Name: Cabrera Services, Inc.		Time	Company Name:				Time	Company Name:				Time							
Received by:		Date	Received by:				Date	Received by:				Date							
Company Name:		Time	Company Name:				Time	Company Name:				Time							

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13715 Rider Trail North


Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

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Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
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Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
									F.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					G.										
Phone	781-455-8787		Phone	410-332-8177					H.										
Fax	781-455-7171		Fax	410-332-8183					I.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU3-65-SS-B-0	10/25/06	10:00	Soil	Ziploc bag	N/A	1	X											
2	SU3-65-SB-B-0	10/25/06	10:00	Soil	Ziploc bag	N/A	1	X											
3	SU3-64-SS-B-0	10/25/06	9:55	Soil	Ziploc bag	N/A	1	X											
4	SU3-64-SB-B-0	10/25/06	9:55	Soil	Ziploc bag	N/A	1	X											
5	SU3-63-SS-B-0	10/25/06	10:45	Soil	Ziploc bag	N/A	1	X											
6	SU3-63-SB-B-0	10/25/06	10:45	Soil	Ziploc bag	N/A	1	X											
7	SU3-62-SS-B-0	10/25/06	10:15	Soil	Ziploc bag	N/A	1	X											
8	SU3-62-SB-B-0	10/25/06	10:15	Soil	Ziploc bag	N/A	1	X											
9	SU3-59-SS-B-0	10/25/06	11:55	Soil	Ziploc bag	N/A	1	X									Please ship back rock to site		
10	SU3-59-SB-B-0	10/25/06	11:55	Soil	Ziploc bag	N/A	1	X									Please ship back rock to site		
						Fed Ex		Airbill No.:				Required Turnaround: 5 days							
Relinquished by: 		Date	10/25/06		Relinquished by:			Date	Relinquished by:			Date							
Company Name: Cabrera Services, Inc.		Time			Company Name:			Time	Company Name:			Time							
Received by:		Date			Received by:			Date	Received by:			Date							
Company Name:		Time			Company Name:			Time	Company Name:			Time							

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13715 Rider Trial North
 Earth City, MO 63045
 Phone: 314-298-8566 Fax: 314-298-8757


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Phone	781-455-8787	Phone	410-332-8177				G.											
Fax	781-455-7171	Fax	410-332-8183				H.											
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU2-61-SS-B-0	10/25/06	14:30	Soil	Ziploc bag	N/A	1	X										
2	SU2-61-SB-B-0	10/25/06	14:30	Soil	Ziploc bag	N/A	1	X										
3	SU2-60-SS-B-0	10/25/06	14:45	Soil	Ziploc bag	N/A	1	X										
4	SU2-60-SB-B-0	10/25/06	14:45	Soil	Ziploc bag	N/A	1	X										
5	SU2-58-SS-B-0	10/25/06	14:45	Soil	Ziploc bag	N/A	1	X										
6	SU2-58-SB-B-0	10/25/06	14:45	Soil	Ziploc bag	N/A	1	X										
7	SU1-57-SS-B-0	10/25/06	14:50	Soil	Ziploc bag	N/A	1	X										
8	SU1-57-SB-B-0	10/25/06	14:50	Soil	Ziploc bag	N/A	1	X										
9	SU1-56-SS-B-0	10/25/06	15:00	Soil	Ziploc bag	N/A	1	X										
10	SU1-56-SB-B-0	10/25/06	15:00	Soil	Ziploc bag	N/A	1	X										
Fed Ex							Airbill No.:	Required Turnaround: 3 weeks										
Relinquished by:		Date	10/27/06				Relinquished by:	Date	Relinquished by:				Date					
Company Name	Cabrera Services, Inc.	Time	Company Name:				Time	Company Name:				Time						
Received by:	Date	Received by:				Date	Received by:				Date							
Company Name:	Time	Company Name:				Time	Company Name:				Time							

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							F.											
City/State/Zip	Needham, MA 02494	City/State/Zip	Baltimore/ MD/ 21202				G.											
Phone	781-455-8787	Phone	410-332-8177				H.											
Fax	781-455-7171	Fax	410-332-8183				I.											
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU3-72-SS-B-0	10/25/06	11:00	Soil	Ziploc bag	N/A	1	X										
2	SU3-72-SB-B-0	10/25/06	11:00	Soil	Ziploc bag	N/A	1	X										
3	SU3-68-SS-B-0	10/25/06	11:00	Soil	Ziploc bag	N/A	1	X										
4	SU3-68-SB-B-0	10/25/06	11:00	Soil	Ziploc bag	N/A	1	X										
5	SU1-55-SS-B-0	10/25/06	15:00	Soil	Ziploc bag	N/A	1	X										
6	SU1-55-SB-B-0	10/25/06	15:00	Soil	Ziploc bag	N/A	1	X										
7		10/25/06	10:15	Soil	Ziploc bag	N/A	1	X										
8		10/25/06	10:15	Soil	Ziploc bag	N/A	1	X										
9		10/25/06	11:55	Soil	Ziploc bag	N/A	1	X										
10		10/25/06	11:55	Soil	Ziploc bag	N/A	1	X										
Fed Ex						Airbill No.:					Required Turnaround: 3 weeks							
Relinquished by: 		Date: 10/27/06		Relinquished by:				Date:		Relinquished by:						Date		
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:						Time		
Received by:		Date:		Received by:				Date:		Received by:						Date		
Company Name:		Time:		Company Name:				Time:		Company Name:						Time		

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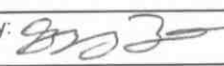
Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
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Fax	781-455-7171		Fax	410-332-8183					I.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU1-1-SS-S-0	10/24/06	9:00	Soil	Ziploc bag	N/A	1	X											
2	SU1-1-SB-S-0	10/24/06	9:00	Soil	Ziploc bag	N/A	1	X											
3	SU1-2-SS-S-0	10/24/06	9:10	Soil	Ziploc bag	N/A	1	X											
4	SU1-2-SB-S-0	10/24/06	9:10	Soil	Ziploc bag	N/A	1	X											
5	SU1-3-SS-S-0	10/24/06	9:15	Soil	Ziploc bag	N/A	1	X											
6	SU1-3-SB-S-0	10/24/06	9:15	Soil	Ziploc bag	N/A	1	X											
7	SU1-4-SS-S-0	10/24/06	9:20	Soil	Ziploc bag	N/A	1	X											
8	SU1-4-SB-S-0	10/24/06	9:20	Soil	Ziploc bag	N/A	1	X											
9	SU1-5-SS-S-0	10/24/06	9:30	Soil	Ziploc bag	N/A	1	X											
10	SU1-5-SB-S-0	10/24/06	9:30	Soil	Ziploc bag	N/A	1	X											
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by: 			Date: 10/27/06	Relinquished by:				Date:	Relinquished by:				Date:						
Company Name: Cabrera Services, Inc.			Time:	Company Name:				Time:	Company Name:				Time:						
Received by:			Date:	Received by:				Date:	Received by:				Date:						
Company Name:			Time:	Company Name:				Time:	Company Name:				Time:						

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13715 Rider Trail North

Earth City, MO 63045

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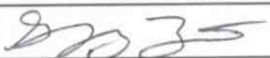
Customer Information		Project Information						Analyses / Method Requested										
Project Name	New Haven Characterization	Purchase Order	07-145				A. Gamma spectroscopy											
STL PM/ Quote#	J042606-2	Work Order	06-3070.02 Task 20				B.											
Company	Cabrera Services, Inc	Bill To	Cabrera Services, Inc				C.											
Send Report To:	Greg Bright	Invoice Attn	Accounting				D.											
Address:	10 Kearney Road Suite 301	Address:	103 E Mount Royal Ave Office 2B				E.											
							F.											
City/State/Zip	Needham, MA 02494	City/State/Zip	Baltimore/ MD/ 21202				G.											
Phone	781-455-8787	Phone	410-332-8177				H.											
Fax	781-455-7171	Fax	410-332-8183				I.											
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU1-6-SS-S-0	10/24/06	9:35	Soil	Ziploc bag	N/A	1	X										
2	SU1-6-SB-S-0	10/24/06	9:35	Soil	Ziploc bag	N/A	1	X										
3	SU1-7-SS-S-0	10/24/06	9:45	Soil	Ziploc bag	N/A	1	X										
4	SU1-7-SB-S-0	10/24/06	9:45	Soil	Ziploc bag	N/A	1	X										
5	SU1-8-SS-S-0	10/24/06	9:50	Soil	Ziploc bag	N/A	1	X										
6	SU1-8-SB-S-0	10/24/06	9:50	Soil	Ziploc bag	N/A	1	X										
7	SU1-9-SS-S-0	10/24/06	10:00	Soil	Ziploc bag	N/A	1	X										
8	SU1-9-SB-S-0	10/24/06	10:00	Soil	Ziploc bag	N/A	1	X										
9	SU1-10-SS-S-0	10/24/06	10:05	Soil	Ziploc bag	N/A	1	X										
10	SU1-10-SB-S-0	10/24/06	10:05	Soil	Ziploc bag	N/A	1	X										
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks						
Relinquished by: 		Date: 10/27/06		Relinquished by:				Date:		Relinquished by:					Date			
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:					Time			
Received by:		Date:		Received by:				Date:		Received by:					Date			
Company Name:		Time:		Company Name:				Time:		Company Name:					Time			

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13715 Rider Trial North

Earth City, MO 63045

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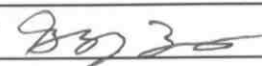
Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
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Phone	781-455-8787		Phone	410-332-8177					H.										
Fax	781-455-7171		Fax	410-332-8183					I.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU1-11-SS-S-0	10/24/06	10:10	Soil	Ziploc bag	N/A	1	X											
2	SU1-11-SB-S-0	10/24/06	10:10	Soil	Ziploc bag	N/A	1	X											
3	SU1-12-SS-S-0	10/24/06	10:15	Soil	Ziploc bag	N/A	1	X											
4	SU1-12-SB-S-0	10/24/06	10:15	Soil	Ziploc bag	N/A	1	X											
5	SU1-13-SS-S-0	10/24/06	10:25	Soil	Ziploc bag	N/A	1	X											
6	SU1-13-SB-S-0	10/24/06	10:25	Soil	Ziploc bag	N/A	1	X											
7	SU1-14-SS-S-0	10/24/06	10:30	Soil	Ziploc bag	N/A	1	X											
8	SU1-14-SB-S-0	10/24/06	10:30	Soil	Ziploc bag	N/A	1	X											
9	SU1-15-SS-S-0	10/24/06	10:40	Soil	Ziploc bag	N/A	1	X											
10	SU1-15-SB-S-0	10/24/06	10:40	Soil	Ziploc bag	N/A	1	X											
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by: 		Date: 10/27/06		Relinquished by:				Date:		Relinquished by:				Date:					
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:				Time:					
Received by:		Date:		Received by:				Date:		Received by:				Date:					
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Phone	781-455-8787		Phone	410-332-8177					H.										
Fax	781-455-7171		Fax	410-332-8183					I.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU1-16-SS-S-0	10/24/06	10:45	Soil	Ziploc bag	N/A	1	X											
2	SU1-16-SB-S-0	10/24/06	10:45	Soil	Ziploc bag	N/A	1	X											
3	SU1-17-SS-S-0	10/24/06	11:00	Soil	Ziploc bag	N/A	1	X											
4	SU1-17-SB-S-0	10/24/06	11:00	Soil	Ziploc bag	N/A	1	X											
5	SU1-18-SS-S-0	10/24/06	11:05	Soil	Ziploc bag	N/A	1	X											
6	SU1-18-SB-S-0	10/24/06	11:05	Soil	Ziploc bag	N/A	1	X											
7	SU2-19-SS-S-0	10/24/06	11:10	Soil	Ziploc bag	N/A	1	X											
8	SU2-19-SB-S-0	10/24/06	11:10	Soil	Ziploc bag	N/A	1	X											
9	SU2-20-SS-S-0	10/24/06	11:15	Soil	Ziploc bag	N/A	1	X											
10	SU2-20-SB-S-0	10/24/06	11:15	Soil	Ziploc bag	N/A	1	X											
			Fed Ex				Airbill No.:				Required Turnaround:				3 weeks				
Relinquished by:		Date		Relinquished by:				Date		Relinquished by:				Date					
		10/31/06																	
Company Name		Time		Company Name:				Time		Company Name:				Time					
Cabrera Services, Inc.																			
Received by:		Date		Received by:				Date		Received by:				Date					
Company Name:		Time		Company Name:				Time		Company Name:				Time					

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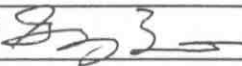
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1	SU2-21-SS-S-0	10/24/06	13:00	Soil	Ziploc bag	N/A	1	X											
2	SU2-21-SB-S-0	10/24/06	13:00	Soil	Ziploc bag	N/A	1	X											
3	SU2-22-SS-S-0	10/24/06	13:10	Soil	Ziploc bag	N/A	1	X											
4	SU2-22-SB-S-0	10/24/06	13:10	Soil	Ziploc bag	N/A	1	X											
5	SU2-23-SS-S-0	10/24/06	13:15	Soil	Ziploc bag	N/A	1	X											
6	SU2-23-SB-S-0	10/24/06	13:15	Soil	Ziploc bag	N/A	1	X											
7	SU2-24-SS-S-0	10/24/06	13:25	Soil	Ziploc bag	N/A	1	X											
8	SU2-24-SB-S-0	10/24/06	13:25	Soil	Ziploc bag	N/A	1	X											
9	SU2-25-SS-S-0	10/24/06	13:30	Soil	Ziploc bag	N/A	1	X											
10	SU2-25-SB-S-0	10/24/06	13:30	Soil	Ziploc bag	N/A	1	X											
Fed Ex						Airbill No.:			Required Turnaround: 3 weeks										
Relinquished by: 		Date	10/31/06		Relinquished by:			Date	Relinquished by:			Date							
Company Name: Cabrera Services, Inc.		Time			Company Name:			Time	Company Name:			Time							
Received by:		Date			Received by:			Date	Received by:			Date							
Company Name:		Time			Company Name:			Time	Company Name:			Time							

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

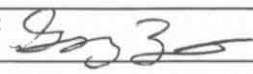
Customer Information		Project Information						Analyses / Method Requested										
Project Name	New Haven Characterization	Purchase Order	07-145				A. Gamma spectroscopy											
STL PM/ Quote#	J042606-2	Work Order	06-3070.02 Task 20				B.											
Company	Cabrera Services, Inc	Bill To	Cabrera Services, Inc				C.											
Send Report To:	Greg Bright	Invoice Attn	Accounting				D.											
Address:	10 Kearney Road Suite 301	Address:	103 E Mount Royal Ave Office 2B				E.											
							F.											
City/State/Zip	Needham, MA 02494	City/State/Zip	Baltimore/ MD/ 21202				G.											
Phone	781-455-8787	Phone	410-332-8177				H.											
Fax	781-455-7171	Fax	410-332-8183				I.											
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU2-26-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU2-26-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU2-27-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU2-27-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU2-28-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU2-28-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU2-29-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU2-29-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU2-30-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU2-30-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
Fed Ex						Airbill No.:					Required Turnaround: 3 weeks							
Relinquished by: 		Date: 10/31/06		Relinquished by:				Date:		Relinquished by:				Date:				
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:				Time:				
Received by:		Date:		Received by:				Date:		Received by:				Date:				
Company Name:		Time:		Company Name:				Time:		Company Name:				Time:				

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757


Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU2-31-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU2-31-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU2-32-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU2-32-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU2-33-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU2-33-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU2-34-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU2-34-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU2-35-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU2-35-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
			Fed Ex				Airbill No.:				Required Turnaround:				3 weeks				
Relinquished by:		Date		Relinquished by:				Date		Relinquished by:				Date					
		10/31/06																	
Company Name		Time		Company Name:				Time		Company Name:				Time					
Cabrera Services, Inc.																			
Received by:		Date		Received by:				Date		Received by:				Date					
Company Name:		Time		Company Name:				Time		Company Name:				Time					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757


Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU3-36-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU3-36-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU3-37-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU3-37-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU3-38-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU3-38-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU3-39-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU3-39-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU3-40-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU3-40-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
			Fed Ex				Airbill No.:				Required Turnaround:				3 weeks				
Relinquished by:		Date		Relinquished by:				Date		Relinquished by:				Date					
		10/31/06																	
Company Name		Time		Company Name:				Time		Company Name:				Time					
Cabrera Services, Inc.																			
Received by:		Date		Received by:				Date		Received by:				Date					
Company Name:		Time		Company Name:				Time		Company Name:				Time					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

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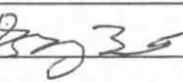
Customer Information			Project Information					Analyses / Method Requested										
Project Name	New Haven Characterization		Purchase Order	07-145		A. Gamma spectroscopy												
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20		B.												
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc		C.												
Send Report To:	Greg Bright		Invoice Attn	Accounting		D.												
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B		E.												
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202		F.												
Phone	781-455-8787		Phone	410-332-8177		G.												
Fax	781-455-7171		Fax	410-332-8183		H.												
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU3-41-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU3-41-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU3-42-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU3-42-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU3-43-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU3-43-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU3-44-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU3-44-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU3-45-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU3-45-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
			Fed Ex				Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by: 		Date: 10/31/06		Relinquished by:				Date:		Relinquished by:				Date:				
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:				Time:				
Received by:		Date:		Received by:				Date:		Received by:				Date:				
Company Name:		Time:		Company Name:				Time:		Company Name:				Time:				

STL St. Louis Chain-of-Custody Record

13715 Rider Trial North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

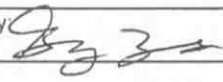
Customer Information			Project Information					Analyses / Method Requested										
Project Name	New Haven Characterization		Purchase Order	07-145		A. Gamma spectroscopy												
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20		B.												
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc		C.												
Send Report To:	Greg Bright		Invoice Attn	Accounting		D.												
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B		E. F.												
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202		G.												
Phone	781-455-8787		Phone	410-332-8177		H.												
Fax	781-455-7171		Fax	410-332-8183		I.												
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU3-46-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU3-46-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU3-47-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU3-47-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU3-48-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU3-48-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU3-49-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU3-49-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU3-50-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU3-50-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
			Fed Ex				Airbill No.:					Required Turnaround: 3 weeks						
Relinquished by:		Date		Relinquished by:				Date		Relinquished by:				Date				
		10/31/06																
Company Name:		Time		Company Name:				Time		Company Name:				Time				
Cabrera Services, Inc.																		
Received by:		Date		Received by:				Date		Received by:				Date				
Company Name:		Time		Company Name:				Time		Company Name:				Time				

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

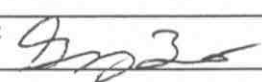
Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU3-51-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU3-51-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU3-52-SS-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU3-52-SB-S-0	10/24/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU3-53-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU3-53-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU3-54-SS-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU3-54-SB-S-0	10/26/06	N/A	Soil	Ziploc bag	N/A	1	X											
9			N/A																
10			N/A														Disregard sample times		
			Fed Ex				Airbill No.:				Required Turnaround: 3 weeks								
Relinquished by: 		Date: 10/21/06		Relinquished by:				Date:		Relinquished by:				Date:					
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:				Time:					
Received by:		Date:		Received by:				Date:		Received by:				Date:					
Company Name:		Time:		Company Name:				Time:		Company Name:				Time:					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

Customer Information		Project Information						Analyses / Method Requested										
Project Name	New Haven Characterization	Purchase Order	07-145				A. Gamma spectroscopy											
STL PM/ Quote#	J042606-2	Work Order	06-3070.02 Task 20				B.											
Company	Cabrera Services, Inc	Bill To	Cabrera Services, Inc				C.											
Send Report To:	Greg Bright	Invoice Attn	Accounting				D.											
Address:	10 Kearney Road Suite 301	Address:	103 E Mount Royal Ave Office 2B				E.											
City/State/Zip	Needham, MA 02494	City/State/Zip	Baltimore/ MD/ 21202				F.											
Phone	781-455-8787	Phone	410-332-8177				G.											
Fax	781-455-7171	Fax	410-332-8183				H.											
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU4-73-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU4-73-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU4-74-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU4-74-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU4-75-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU4-75-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU4-76-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU4-76-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU4-77-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU4-77-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks						
Relinquished by: 		Date: 11/3 10/31/06		Relinquished by:				Date:		Relinquished by:				Date:				
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:				Time:				
Received by:		Date:		Received by:				Date:		Received by:				Date:				
Company Name:		Time:		Company Name:				Time:		Company Name:				Time:				

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North
Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757


Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
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Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
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City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU4-78-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU4-78-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU4-79-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU4-79-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU4-80-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU4-80-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU4-81-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU4-81-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU4-82-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU4-82-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by:		Date ^{11/3} 10/31/06		Relinquished by:				Date		Relinquished by:				Date					
Company Name Cabrera Services, Inc.		Time		Company Name:				Time		Company Name:				Time					
Received by:		Date		Received by:				Date		Received by:				Date					
Company Name:		Time		Company Name:				Time		Company Name:				Time					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757


Customer Information			Project Information					Analyses / Method Requested										
Project Name	New Haven Characterization		Purchase Order	07-145							A. Gamma spectroscopy							
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20							B.							
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc							C.							
Send Report To:	Greg Bright		Invoice Attn	Accounting							D.							
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B							E.		F.					
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202							G.							
Phone	781-455-8787		Phone	410-332-8177							H.							
Fax	781-455-7171		Fax	410-332-8183							I.							
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU4-83-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU4-83-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU4-84-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU4-84-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU4-85-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU4-85-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU4-86-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU4-86-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU4-87-SS-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU4-87-SB-S-0	10/27/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
							Fed Ex		Airbill No.:				Required Turnaround: 3 weeks					
Relinquished by: 			Date: 10/31/06	Relinquished by:				Date:	Relinquished by:				Date:					
Company Name: Cabrera Services, Inc.			Time:	Company Name:				Time:	Company Name:				Time:					
Received by:			Date:	Received by:				Date:	Received by:				Date:					
Company Name:			Time:	Company Name:				Time:	Company Name:				Time:					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

Customer Information			Project Information					Analyses / Method Requested										
Project Name	New Haven Characterization		Purchase Order	07-145		A. Gamma spectroscopy												
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20		B.												
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc		C.												
Send Report To:	Greg Bright		Invoice Attn	Accounting		D.												
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B		E.												
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202		F.												
Phone	781-455-8787		Phone	410-332-8177		G.												
Fax	781-455-7171		Fax	410-332-8183		H.												
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU4-88-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU4-88-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU4-89-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU4-89-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU4-90-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU4-90-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU4-91-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU4-91-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU4-92-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU4-92-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
							Fed Ex			Airbill No.:				Required Turnaround: 3 weeks				
Relinquished by: 		Date: 11/3/06		Relinquished by:			Date:		Relinquished by:				Date:					
Company Name: Cabrera Services, Inc.		Time:		Company Name:			Time:		Company Name:				Time:					
Received by:		Date:		Received by:			Date:		Received by:				Date:					
Company Name:		Time:		Company Name:			Time:		Company Name:				Time:					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU4-93-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU4-93-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU4-94-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU4-94-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU4-95-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU4-95-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU4-96-SS-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU4-96-SB-S-0	10/30/06	N/A	Soil	Ziploc bag	N/A	1	X											
9																			
10																	Disregard sample times		
							Fed Ex				Airbill No.:				Required Turnaround: 3 weeks				
Relinquished by: 		Date: 11/3/06		Relinquished by:				Date:		Relinquished by:				Date:					
Company Name: Cabrera Services, Inc.		Time:		Company Name:				Time:		Company Name:				Time:					
Received by:		Date:		Received by:				Date:		Received by:				Date:					
Company Name:		Time:		Company Name:				Time:		Company Name:				Time:					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU5-97-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU5-97-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU5-98-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU5-98-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU5-99-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU5-99-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU5-100-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU5-100-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU5-101-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU5-101-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by:		Date		Relinquished by:		Date		Relinquished by:		Date		Relinquished by:		Date					
Company Name		Time		Company Name:		Time		Company Name:		Time		Company Name:		Time					
Received by:		Date		Received by:		Date		Received by:		Date		Received by:		Date					
Company Name:		Time		Company Name:		Time		Company Name:		Time		Company Name:		Time					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North
Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757


Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU5-102-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU5-102-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU5-103-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU5-103-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU5-104-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU5-104-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU5-105-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU5-105-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU5-106-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU5-106-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by:		Date		Relinquished by:				Date		Relinquished by:				Date					
Company Name		Time		Company Name:				Time		Company Name:				Time					
Received by:		Date		Received by:				Date		Received by:				Date					
Company Name:		Time		Company Name:				Time		Company Name:				Time					

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

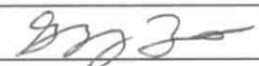
Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
									F.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					G.										
Phone	781-455-8787		Phone	410-332-8177					H.										
Fax	781-455-7171		Fax	410-332-8183					I.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU5-107-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU5-107-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU5-108-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU5-108-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU5-109-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU5-109-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU5-110-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU5-110-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU5-111-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU5-111-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by: 		Date	Relinquished by:				Date	Relinquished by:				Date							
Company Name		Time	Company Name:				Time	Company Name:				Time							
Cabrera Services, Inc.																			
Received by:		Date	Received by:				Date	Received by:				Date							
Company Name:		Time	Company Name:				Time	Company Name:				Time							

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045


Phone: 314-298-8566 Fax: 314-298-8757

Customer Information			Project Information					Analyses / Method Requested										
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy									
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.									
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.									
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.									
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.									
									F.									
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					G.									
Phone	781-455-8787		Phone	410-332-8177					H.									
Fax	781-455-7171		Fax	410-332-8183					I.									
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU5-112-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU5-112-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU5-113-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU5-113-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU5-114-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU5-114-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
7	SU5-115-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
8	SU5-115-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
9	SU5-116-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X										
10	SU5-116-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times	
Fed Ex						Airbill No.:				Required Turnaround: 3 weeks								
Relinquished by: 			Date: 11/6/06	Relinquished by:				Date:	Relinquished by:						Date:			
Company Name: Cabrera Services, Inc.			Time:	Company Name:				Time:	Company Name:						Time:			
Received by:			Date:	Received by:				Date:	Received by:						Date:			
Company Name:			Time:	Company Name:				Time:	Company Name:						Time:			

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North
Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

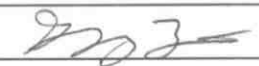
Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					F.										
Phone	781-455-8787		Phone	410-332-8177					G.										
Fax	781-455-7171		Fax	410-332-8183					H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU4-117-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU4-118-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU8-119-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU8-119-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU5-120-SS-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU5-120-SB-S-0	11/1/06	N/A	Soil	Ziploc bag	N/A	1	X											
7																			
8																			
9																			
10																	Disregard sample times		
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks							
Relinquished by: 			Date: 11/6/06	Relinquished by:				Date:	Relinquished by:				Date:						
Company Name: Cabrera Services, Inc.			Time:	Company Name:				Time:	Company Name:				Time:						
Received by:			Date:	Received by:				Date:	Received by:				Date:						
Company Name:			Time:	Company Name:				Time:	Company Name:				Time:						

STL St. Louis Chain-of-Custody Record

13715 Rider Trial North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

Customer Information			Project Information					Analyses / Method Requested											
Project Name	New Haven Characterization		Purchase Order	07-145					A. Gamma spectroscopy										
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20					B.										
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc					C.										
Send Report To:	Greg Bright		Invoice Attn	Accounting					D.										
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B					E.										
									F.										
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202					G.										
Phone	781-455-8787		Phone	410-332-8177					H.										
Fax	781-455-7171		Fax	410-332-8183					I.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments		
1	SU4-77-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
2	SU4-77-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
3	SU4-82-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
4	SU4-82-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
5	SU4-86-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
6	SU4-86-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
7	SU4-87-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
8	SU4-87-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
9	SU5-98-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X											
10	SU5-98-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X									Disregard sample times		
Fed Ex						Airbill No.:					Required Turnaround: 3 weeks								
Relinquished by: 			Date: 11/6/06	Relinquished by:				Date:	Relinquished by:				Date:						
Company Name: Cabrera Services, Inc.			Time:	Company Name:				Time:	Company Name:				Time:						
Received by:			Date:	Received by:				Date:	Received by:				Date:						
Company Name:			Time:	Company Name:				Time:	Company Name:				Time:						

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

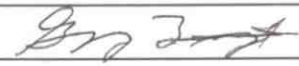
Customer Information			Project Information					Analyses / Method Requested										
Project Name	New Haven Characterization		Purchase Order	07-145		A. Gamma spectroscopy												
STL PM/ Quote#	J042606-2		Work Order	06-3070.02 Task 20		B.												
Company	Cabrera Services, Inc		Bill To	Cabrera Services, Inc		C.												
Send Report To:	Greg Bright		Invoice Attn	Accounting		D.												
Address:	10 Kearney Road Suite 301		Address:	103 E Mount Royal Ave Office 2B		E.												
City/State/Zip	Needham, MA 02494		City/State/Zip	Baltimore/ MD/ 21202		F.												
Phone	781-455-8787		Phone	410-332-8177		G.												
Fax	781-455-7171		Fax	410-332-8183		H.												
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	SU5-99-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X										
2	SU5-99-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X										
3	SU5-102-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X										
4	SU5-102-SB-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X										
5	SU5-115-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X										
6	SU5-116-SS-S-1	11/2/06	N/A	Soil	Ziploc bag	N/A	1	X										
7																		
8																		
9																		
10																	Disregard sample times	
						Fed Ex		Airbill No.:				Required Turnaround:				3 weeks		
Relinquished by:		Date		Relinquished by:				Date		Relinquished by:				Date				
Company Name		Time		Company Name:				Time		Company Name:				Time				
Received by:		Date		Received by:				Date		Received by:				Date				
Company Name:		Time		Company Name:				Time		Company Name:				Time				

STL St. Louis Chain-of-Custody Record

13715 Rider Trail North

Earth City, MO 63045

Phone: 314-298-8566 Fax: 314-298-8757

Customer Information				Project Information				Analyses / Method Requested										
Project Name	New Haven Characterization			Purchase Order	07-145			A.										
STL PM/ Quote#	J042606-2			Work Order	06-3070.02 Task 20			B. Test for asbestos/friable/non-friable/%										
Company	Cabrera Services, Inc			Bill To	Cabrera Services, Inc			C.										
Send Report To:	Greg Bright			Invoice Attn	Accounting			D.										
Address:	10 Kearney Road Suite 301			Address:	103 E Mount Royal Ave Office 2B			E.										
City/State/Zip	Needham, MA 02494			City/State/Zip	Baltimore/ MD/ 21202			F.										
Phone	781-455-8787			Phone	410-332-8177			G.										
Fax	781-455-7171			Fax	410-332-8183			H.										
Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bags	A	B	C	D	E	F	G	H	I	Comments	
1	210-C-1	11/2/06	N/A	Tile	Ziploc bag	N/A	1		X									
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																	Disregard sample times	
						Fed Ex		Airbill No.:				Required Turnaround: 3 weeks						
Relinquished by: 			Date: 11/13/06		Relinquished by:				Date:		Relinquished by:					Date:		
Company Name: Cabrera Services, Inc.			Time:		Company Name:				Time:		Company Name:					Time:		
Received by:			Date:		Received by:				Date:		Received by:					Date:		
Company Name:			Time:		Company Name:				Time:		Company Name:					Time:		

CONTENTS

PAGE

REFERENCE

DATE

10/18/06 2:30pm

Joem. and Greg B. arrive at site.

Talk with Dale about getting our
work area and shipments. Start
unpacking equipment and QCing
instruments. Site closes at 4:00-4:15

PM so we prepare to leave site

4:10pm Leave site for day



10/19/06

7:15 AM Arrive @ site (Joem, Demick A, Greg B)

7:30 AM Begin QC of remaining instruments, putting together baby buggy, connecting GPS wires.

8:00 AM Greg calls Borians in ETTO and gets GPS point boundaries for SUs 1-3.

8:30 AM Go out to 7A (Joem, Demick A, Greg B) and locate Class 1 SU boundaries.

9:30 AM Greg B comes back to talk to Dale - more grass/weeds need to be mowed for us to compute GWS.

GB goes w/ Dale to confirm approx. area.

JM + DA begin GWS in accessible areas. Large puddles in 7A exist - need to survey around puddles, wait for them to dry out, and then perform GWS.

12:00 GB leaves site to get lunch, JM + DA continue GWS.

12:30 Break for lunch

1:15 Continue GWS (JM + DA)

GB continues QC

3:00 Stop GWS + look at data

3:30 Leave site to go shopping for supplies

10/20/06

7:15 GB, JM and DA arrive at site.

Begin QC and prep for day.

8:15 DA begins GWS in 7A

JM + GB locate class 1 SU locations

11:30 Break for lunch

Baby buggy + 43-89 arrive in Fedex. Can now do two GWS at same time.

12:15 JM sets up baby buggy for GWS.

DA continues surveys. GB begins timesheets, expense reports, and 43-89 QC. Continue GWS in 7A

4:00 Leave site

10/23/06

7:15 AM | Arrive at site. Begin QC.
(GB, JM, DA)

7:30 AM | Look at data from Friday. There's a problem with saving the sensor records along with a GPS coordinate. GB, JM, DA perform test runs to try to fix it.

10:30 AM | GB leaves to pick up Joe Weisman from airport. DA + JM continue calling ETO and others to attempt to fix GWS.

1:00 PM | Figure out problem with GPS unit. Start GWS again.

1:30 PM | GB leaves to pick up Dave Kelly at airport.

2:30 PM | Begin soil sampling in 7A.

4:00 PM | End sampling and GWS and leave site.

10/24/06

7:15 AM | GB, JM, DA, DK and JW arrive at site and begin QC of instruments and prep for day.

8:45 | Joe M maps data and then field team starts sampling. DA + JM continue GWS, and GB, JW, + DK soil sample.

1 min 44-20 counts (Instrument #3) at soil sampling locations

Loc	cpm	Loc	cpm	Loc	cpm
1)	24958	14)	22703	27)	27014
2)	31581	15)	19072	28)	22215
3)	33624	16)	27849	29)	45129
4)	30534	17)	29777	36)	22762
5)	31274	18)	30502	37)	30991
6)	35772	19)	28935	38)	28818
7)	30013	20)	29128	39)	29587
8)	31989	21)	25522	40)	30546
9)	39661	22)	30446	41)	29966
10)	33734	23)	34045	42)	22733
11)	24408	24)	32106	43)	25043
12)	19443	25)	24908	44)	21416
13)	33208	26)	20226	45)	21614

Loc	cpm
46	23760
47	33133
71	110197
70	93815
69	128917
68	92374
67	61928
66	168980
65	136047
64	72404
63	101554
62	223088
61	65445
60	277242
59	380705
58	123626
57	164997
56	81895
55	97762
72	338897

3:45pm Stop sampling, CWS
 4:00pm Leave site.

10/25/06
 7:15AM | Jm, DA, JW, DK, GB arrive
 at site. Begin prep for day.
 8:15AM | DA and Jm continue GWS of
 7A, 7A buffer area, referenced #
 JW and ~~DK~~ continue bias soil
 sampling in 7A area. GB helps
 both sampling groups.
 12:00pm | Break for lunch.
 12:45pm | Continue surveying.
 GB contacts lab to expect
 samples + prepares COCs for
 samples to be sent offsite for
 5-day turnaround.
 3:45pm | Return from 7A and
 end the day.
 4:00pm | Leave site.

10/26/06

7:15 AM | GB, JW, and DK arrive at site. JM and DA left New Haven this morning. Start morning QC on instruments. 43-84 didn't detect alphas. JW took apart and found 2nd scintillator on backwards. Turned it around. Will need to wait at least 1 day to continue QC.

8:30 AM | JW and DK return to TA to soil sample. GB returns to garage area to complete paperwork

10:00 AM | GB returns to TA to map out Class 2 locations

44-20⁽⁴⁾ integrated measurement at Sample locations

cm	cpm
73) 25275	79) 33026
74) 30178	80) 22932
75) 29315	81) 31073
76) 29566	82) 31695
77) 28608	83) 33217
78) 34082	84) 36198

Location	cpm
85	32926
86	31669
87	3172
88	30026
89	29979
90	32110
91	29269
92	31217
93	28001
94	22346
95	23092
96	22857

12:00 PM | Break for lunch.

12:50 PM | Continue sample prep (JW and DK). GB go over data, email it to Boriana for further analysis.

Counted smears from Baseline range survey

4:00 PM | left site

10
10/27/06

7:15AM | Arrive @ site (GB, JW, DK) Begin morning QC

8:30AM | JW, DK and GB drove to warehouse 213 to plan out surveys.

9:30AM | Left site to drive Joe W. to airport.

10:30AM | Returned to site. GB + DK mapped out + took readings at floor random locations

12:00PM | Broke for lunch.

1:00PM | Prepared shipments of samples to be sent out while DK sampled in Building 215.

DK finished most of floor survey in 215. Will finish remainder on Monday.

2:30PM | Left site to go shopping and work on data for the day.

10/30/06

7:15AM | DK and GB arrive at site and begin morning QC.

8:00AM | DK to continue soil sampling in buffer area. GB to locate Ser. 1 samples and continue GWS over rail scale.

1 min integrated measurements (#1) 44-20.

97	27366	106	30263
98	30197	107	31668
99	31049	108	29429
100	28823	109	27847
101	15187	110	24520
102	30178	111	28858
103	30731	112	28865
104	28007	113	27578
105	29308	114	27907
		115	28734
		116	29741

12:00PM | Broke for lunch + GB sent off GWS data to Boriana.

12:45PM | DK continues soil sampling and GB continues GWS outside. DK finishes 7A, GWS finished.

4:00 pm | Left site for day.

10/31/06

7:10 Am | GB and DK arrive at

site and begin morning QC.

8:00 am | DK goes to continue sampling
indoors due to rain. GB processes

samples collected yesterday.

12:00 pm | Break for lunch

44-20 1 min integrated measurements instrument #3

30	20654	cpm	48	20770	cpm
31	21852		49	24992	
32	25705		50	29395	
33	25483		51	24034	
34	19391		52	32652	
35	24481		53	37348	
			54	45347	

Bias locations - Entry Road

2123918.3 Northing,

S25606.8 Easting 41,853 cpm

2123921.6 Northing

S25606.7 Easting 42,158 cpm

8:45 pm | Leave site for day.

14
11/1/06

7:15 AM | GB and DK arrive for day. Start morning QC and prep for day.

8:00 AM | DK continues soil sampling in Reference Area 7. GB begins survey (static + smear) on rail scale area.

11:00 AM | GB finishes + starts Paved Road survey. After 1st measurement, 43-89 spikes. Appears to be hole in mylar. GB changes mylar + stores detector in drawer. Should be OK after 24 hours.

12:00 PM | Break for lunch.

12:45 PM | DK continues soil sampling, GB continues soil prep and counting smears.

3:00 PM | GB + DK collect soil sample from Rail Scale Area Location 119
N: 2122866.89 E: 526154.08
1 min gamma: 37,415 cpm

11/2/06

7:10 AM | Arrive at site. Begin morning QC and prep for day.

8:00 AM |

DK and GB go inside 210 and look at it, if it's ready to start sampling there. Sections 3 and 4 are fairly clear. Only Section 2 and parts of 2 will be problems when it comes to sampling in there. We then start sampling the paved road to the rail scale by taking integrated static + smears in bias locations.

11:30 | Break for lunch.

12:15 | Start squaring in shrink wrapping areas and storage transport areas. DK grabs bias soil sample in reference area.

3:00 | Stop sampling + leave site to go shopping for supplies.

16
11-3-06

8:30 AM | GB arrives at site after driving DK to airport. Starts morning QC.

9:15 AM | GB leaves garage to perform QWS of Bldg 145 concrete pad and get dimensions of Bldg 141, 146 and 136.

12:00 pm | Returns, processes GWS data, and gets lunch.

12:45 pm | Prepares soil samples for shipment, counts smears, talks to Terry R. at STL

about how to analyze samples. He didn't sieve them (they usually don't).

I continued with Joe W. that we want all samples (biased) ground, dried + sieved + recounted. Made that clear to Terry thru email and phone call.

3:15 pm | left site for day.

11-6-05

1:45 DA, GB, Bill Gardner (BG) and Ian Imani's (IH) arrive at site. Begin morning QC and reading SSHP plan

8:00 AM | Scissor lift delivered at Building 215. End QC and BG and IH along with DA and GB begin smear surveys in warehouses.

11:30 AM | Finish smear surveys and come back to find gas and instrument. Begin QC on those.

12:00 pm | Break for lunch.

2:15 pm | GB leaves to pick up DK at airport.

1:39 pm | GB returns and we need chain and new location for gas tanks for setting purposes. IH and GB go to Home Depot to get supplies. DA creates survey forms for scissor lift and BG cleans up area and counts smears.

4:00 pm | End day + leave site.

11-7-06

7:15AM] DK, DA, IH, BG, and GB arrive @ site. Begin morning QC and prep for day.

8:15AM] Go to Warehouse 215 to obtain background measurements. If α values obtained are above presumed bkgd values (3 cpm) then need to recalculate DCG-Ls, scan times + pause times.

10:30AM] Confirm background values for different materials (concrete floor, cinder blocks, wood, metal doors) are as assumed + begin scanning warehouses.

12:00PM] Break for lunch.

12:45PM] Continue scanning while GB ships out last soil samples, LV-2s and B2s to Chuck at ETO, and 1 GPS unit to Joe V. at Blue Springs, Mo. Continue counting smears.

4:00PM] Finish up and leave site

11-8-06

7:15AM] GB, DK, DA, IH, and BG arrive at site. Begin morning QC and prep for day.

8:00AM] Complete QC for instruments. IH and DA go to Bldg 211 to begin wall scans. BG and DK go to Bldg 212 to begin wall scans.

Note RE: 43-65 QC. Last night, GB changed QC sheet from general contract sheet to the QC sheet that you use for 2929's (includes bkgd and source counts on same tab). Did this b/c α bkgd kept failing due to 2020 restrictions in the morning. ~~But~~ Despite restrictions, beta passed for both 43-65s. After I changed sheets, beta failed for ^{bkgd} ~~the~~ beta and source beta QC for 1 43-65. Since beta measurements are not as important as alpha measurements (and only noted as extra information) then data should be considered valid for 11-7-06 surveys. Just a note to keep in mind in case we try to use beta counts for that day.

11-8-06

Bill and Dave are in Bldg 212.

There are new materials in the warehouse. The following bldg measurements are performed on a metal door. Here they are:

Instrument #8 43-68

3/105

5/123

8/120

6/119

2/128

12:00pm | Break for lunch

12:45pm | Bill G. and Dave K. finished with 212, go to 213. Ian + Demick almost finished w/ 211, go to 213 after to resume wall scans.

Sections 1+4 completed (wall scans).

Will complete wall scans tomorrow.

4:00pm | Leave site.

11-9-06

7:15AM | DA, DK, IH, BG and GB arrive at site. Start morning QC and prep for day.

8:00AM | DA + IH, DK + BG scan walls in 213.

11:00AM | Finish walls in 213.

Begin scanning walls in 210 sections 3 + 4.

12:00PM | Break for lunch.

12:45PM | DK + BG start biased sampling above 6 ft and rafters in warehouse. 43-37 gas tanks arrived today. IH QC's instrument and begins taking background measurements in 215 Section 3. GB counts smears and ships out clay sample to Kim N. in Baltimore office.

4:00pm | Leave site.

11-13-06
7:10 AM | Arrive @ site (GB, DK, BG, IH and Nick Berliner). Start morning QC and prep for day.

8:30 AM | IH begins floorscans in 215. NB starts wall integrated measurements in 215. DK + BG continue statics/sweeps on rafters / ^{overhead} above columns in 212.

12:00 PM | Break for lunch.

12:45 PM | Continue work. NB does ^{random} biased wall measurements in 212.

IH continues floorscans in 215.

BG and DK continue sampling of rafters in 213. GB continues

counting sweeps. Sent off tile sample to STL. BG and DK finish sampling rafters and start scanning in 136.

3:45 PM | Get back to garage. Leave site after setting things up.

11-14-06

7:10 AM | GB, IH, BG, DK + NB arrive @ site. Begin morning QC and prep for day.

8:15 AM | IH finishes scanning in 215. NB starts scanning in 212. BG + DK scan in Bldg 136. GB counts sweeps and such.

12:00 PM | Break for lunch

12:45 PM | BG and DK finish surveying in 136 and begin measurements in 124. IH finished in 215 (which is complete) and NB is half done in 212 scanning. ~~IA~~ working in 211 this afternoon.

3:45 PM | People get back from surveying and clean up for the day. NB finished in 212 and IH finished Section 1 of 211. BG and DK finished walls + floors in 124.

11-15-06

7:15 AM | Arrive at site and begin morning QC and prep for day.

8:15 AM | DK and BG collect bias seed ~~stat~~ static/smears in 211 and 213.

IH goes to 211 to scan floors.

NB goes to 212 to finish scanning floors, then he moves to 213 to finish scanning floors.

NB⁹⁰ finishes 211 and goes to IH scan sections 3 + 4 of 213.

DK + BG finish ^{static + smear} locations in 211.

12 PM | Break for lunch.

12:45 PM | DK + BG scan Bldg 136 walls.

NB + IH scan floors in 213.

GB counts smears.

2:30 PM | GB leaves site.

DK counts smears

4:00 PM OFF SITE

11-16-06

07:05 | ARRIVE ON SITE - START

QC ON INSTRUMENTS.

~~08:30~~ | ATTK B. CONTINUE FLOOR SURVEY @ B-213

IAM FLOOR SURVEYS IN B-124, 136 AND 146.

BG - WALL SURVEYS IN B-146

11:00 | BG + IH MOVED TO B 213 TO CONTINUE FLOOR SCAN.

11:10 | SMEARS ARRIVE VIA FED-EX.

12:00 BREAK FOR LUNCH

12:30 RENTAL CO. PICKED UP

SICCOORS LIFT

BG, IH + NB CONTINUE @ B-213

14:00 | BG + IH DO STATIC + BIAS SAMPLING @ B 146, NB CONTINUES

FLOOR SURVEY @ B 213

15:45 ~~LEAVE~~ B 213 FLOORS ARE DONE.

DK, BG, IH + NB LEAVE SITE

11-17-06

730 DK, FH + NB ON SITE.

NB FINISH SCANS IN B 213

FH BEGIN EQUIPMENT BREAKDOWN

DK COUNT SMEARS

1000

IH COUNTS SMEARS

DK + NB CLEAN WORK AREA AND

PREP. FOR DEMO

1100 FAN EXPENSE + TIMESHEETS FOR

DK, FH & BG TO BALTIMORE

OFFICE.

1200 BREAK FOR LUNCH

1245 CONTINUE COUNTING SMEARS + PREP

FOR DEMO.

4500 OFF SITE.

11/20/06

745 AM GB and FH arrive on site, begin morning QC and prep for day

830 AM IH counts smears, GB

takes inventory and prepares notes for shipping

1200 PM Break for lunch.

1245 PM Continue work.

245 PM Leave site to go to Fedex to ship off items.

²⁰
11/21/06

7:40 AM | GB + IH arrive @ site and
begin morning QC.

8:00 AM | Start counting smears
and packing last things up for
departure & end of project.

12:45 PM | Leave site for day, end
of project.



November 5, 2006

To Whom It May Concern:

The *Characterization Survey Work Plan* for the Defense National Stockpile Center (DNSC) New Haven Depot explains that a gamma walkover survey (GWS) will be performed over Class 3 outdoor areas, as possible. It also details that biased scan surveys for gross alpha activity will be performed on Class 3 outdoor surfaces, such as concrete pads, asphalt roads, rail lines and rail ties, at a 10-20% rate. These areas include the paved road to the rail scale, the rail scale, outdoor shrink-wrapping areas, and railroad tracks used for storage or transport.

Cabrera Services, Inc. (CABRERA) began field work in Area 7A to locate residual zirconium ore contamination. GWSs were performed over 100% of Area 7A, and the highest gamma activity results were used to select biased soil samples in the area. It was presented definitively during field activities that the zirconium ore emits sufficient gamma activity to detect to a level of 6 inches below ground surface.

CABRERA submits that in Class 3 outdoor surface surveys, GWSs are sufficient to detect the residual zirconium ore (if any) at these locations and that biased scan surveys for gross alpha activity are not necessary.

Sincerely,



Gregory Bright
Project Scientist
Cabrera Services, Inc.