

## **APPENDIX D**

### **CHAIN-OF CUSTODY**

## **APPENDIX D**

### **CHAIN OF CUSTODY RECORD SCANS**

**D-1 Duff and Bark Chain of Custody**

**D-2 Kootenai River Chain of Custody**

**D-3 Logging Chain of Custody**

**D-4 Sediment Chain of Custody**

**D-5 Surface Water Chain of Custody**

**APPENDIX D-1**

**DUFF AND BARK CHAIN OF CUSTODY RECORD SCANS**

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 080812 JK 01  
 PAGE: 1 OF: 1

ENTERED BY: (Signature) Joan C Kester PROJECT MANAGER: John Gorr DATE: 08-07-12  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO: NA DESTINATION: EMSL

SAMPLES						ANALYSIS REQUEST														Remarks	Core Size in = inches				
Index ID	Date	Time	Media*	Air Volume (L) <sup>NA</sup>	Filtered <sup>NA</sup>	Archived <sup>NA</sup>	TEM ISO 10312 (a)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross $\alpha, \beta$ )						
✓ CL-3-0001	08-07-12	1001	Duff				X																	STANDARD	2 in
✓ CL-3-0002	08-07-12	1001	Bark				X																		2 in
✓ CL-3-0003	08-07-12	1022	Duff				X																		2 in
✓ CL-3-0004	08-07-12	1022	Bark				X																		2 in
✓ CL-3-0005	08-07-12	1045	Duff				X																		2 in
✓ CL-3-0006	08-07-12	1045	Bark				X																		2 in
✓ CL-3-0007	08-07-12	1105	Duff				X																		2 in
✓ CL-3-0008	08-07-12	1105	Bark				X																		2 in
✓ CL-3-0009	08-07-12	1125	Duff				X																		2 in
✓ CL-3-0010	08-07-12	1125	Bark				X																		2 in
✓ CL-3-0011	08-07-12	1152	Duff				X																		2 in
✓ CL-3-0012	08-07-12	1152	Bark				X																		2 in

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Joan C Kester</u>	Joan Kester	MWH	8/8/12	1440	<u>Deon Barney</u>	Deon Barney	EMSL

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
 (a) Libby specific modifications  
 DISTRIBUTION: PINK: Field Copy YELLOW: Return to Originator WHITE: Laboratory Copy

**APPENDIX D-2**

**KOOTENAI RIVER SAMPLING CHAIN OF CUSTODY RECORD SCANS**

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 200912 JK - 63

PAGE: 1 OF: 1

ENTERED BY: (Signature) [Signature]

PROJECT MANAGER: JOHN GARR

DATE: 9-20-12

METHOD OF SHIPMENT: FEDEX

CARRIER/WAYBILL NO: \_\_\_\_\_

DESTINATION: MAS LABS, SUWANEE, GA

SAMPLES							ANALYSIS REQUEST														REMARKS					
Index ID	Date	Time	Media*	Air Volume (L)	Filtered	Archive	TEM ISO 10312 (a)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross α,β)							
P5-10096	9-19-12	1505	AA	0			X																			PLEASE REPORT RESULTS TO ROBERT MARRIAM OF REMEDIUM GROUP (90) 820-2023
P5-10097	"	1505	"	243			X																			
P5-10098	"	1505	"	121			X																			
P5-10099	"	1505	"	241			X																			
P5-10100	"	1505	"	121			X																			

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>[Signature]</u>	JOHN D. GARR	MWH	9-20-12	1130	<u>[Signature]</u>		

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
 (a) Libby specific modifications

**APPENDIX D-3**

**LOGGING CHAIN OF CUSTODY RECORD SCANS**

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 20120910 JK

PAGE: 1 OF: 3

ENTERED BY: (Signature) [Signature]

PROJECT MANAGER: John GARR

DATE: Sept 10, 2012

METHOD OF SHIPMENT: Fed Ex

CARRIER/WAYBILL NO: NA

DESTINATION: MAS

SAMPLES							ANALYSIS REQUEST													Remarks			
Index ID	Date	Time	Media*	Air Volume (L)	Filtered	Archive	TEM ISO 10312 (a)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross α,β)				
CL-30050	9-4-12	1136	AA	484.8			X																(STANDARD TURN-AROUND)
CL-30051	9-4-12	1136	AA	245.4			X																
CL-30052	9-4-12	0936	AA	0			X																
CL-30053	9-4-12	1340	AA	480			X																
CL-30054	9-4-12	1340	AA	243.6			X																
CL-30055	9-4-12	1456	AA	240.3			X																
CL-30056	9-4-12	1456	AA	121.8			X																
CL-30057	9-5-12	1010	AA	481.8			X																
CL-30058	9-5-12	1010	AA	241.8			X																
CL-30059	9-5-12	0810	AA	0			X																
CL-30060	9-5-12	1225	AA	486			X																
CL-30061	9-5-12	1225	AA	243			X																

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>[Signature]</u>	Joan Kester	MWH	<del>9-10-12</del> 9-11-12	0915	<u>[Signature]</u>		

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
 (a) Libby specific modifications  
 DISTRIBUTION: PINK: Field Copy    YELLOW: Return to Originator    WHITE: Laboratory Copy

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 20120910 JK

PAGE: 2 OF: 3

ENTERED BY: (Signature) [Signature]

PROJECT MANAGER: John GARR

DATE: Sept 10, 2012

METHOD OF SHIPMENT: Fed Ex

CARRIER/WAYBILL NO: NA

DESTINATION: MAS

SAMPLES							ANALYSIS REQUEST														Remarks			
Index ID	Date	Time	Media*	Air Volume (L)	Filtered	Archive	TEM ISO 10312 (e)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross a,f)					
CL-30062	9-5-12	1534	AA	475.2			X																	(STANDARD TURN-AROUND)
CL-30063	9-5-12	1534	AA	24.6			X																	
CL-30064	9-5-12	1725	AA	417.9			X																	
CL-30065	9-5-12	1725	AA	210			X																	
CL-30066	9-6-12	1305	AA	503.7			X																	
CL-30067	9-6-12	1305	AA	251.3			X																	
CL-30068	9-6-12	1100	AA	0			X																	
CL-30069	9-6-12	1525	AA	420.6			X																	
CL-30070	9-6-12	1525	AA	212.4			X																	
CL-30073	9-10-12	0945	AA	0			X																	
CL-30076	9-10-12	1102	AA	145.6			X																	
CL-30077	9-10-12	1102	AA	227.4			X																	

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>[Signature]</u>	Jean Kester	MWH	9-11-12	0915	<u>[Signature]</u>		

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
(a) Libby specific modifications

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 20120910JK

PAGE: 3 OF: 3

ENTERED BY: (Signature) Jan Kester

PROJECT MANAGER: John GARR

DATE: Sept 10, 2012

METHOD OF SHIPMENT: Fed Ex

CARRIER/WAYBILL NO: NA

DESTINATION: MAS

SAMPLES							ANALYSIS REQUEST													Remarks			
Index ID	Date	Time	Media*	Air Volume (L)	Filtered	Archive	TEM ISO 10312 (a)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross α,β)				
CL-30078	9-10-12	1102	AA	114.3			X															(STANDARD TURN-AROUND)	
CL-30079	9-10-12	1102	AA	238.9			X																
CL-30080	9-10-12	1450	AA	239.7			X																
CL-30081	9-10-12	1450	AA	120			X																
CL-30082	9-10-12	1450	AA	238.2			X																
CL-30083	9-10-12	1450	AA	120			X																

JK

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Jan Kester</u>	<u>Jan Kester</u>	<u>MWH</u>	<u>9-11-12</u>	<u>0915</u>	<u>Fed Ex</u>		

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
(a) Libby specific modifications

**APPENDIX D-4**

**SEDIMENT SAMPLING CHAIN OF CUSTODY RECORD SCANS**



**APPENDIX D-5**

**SURFACE WATER SAMPLING CHAIN OF CUSTODY RECORD SCANS**

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Kaitlin Barlow PROJECT MANAGER: John Garr DATE: 04-25-12  
 METHOD OF SHIPMENT: walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST				REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)		
PS-10001	04-25-12	0840	AQ		X			RUSH TAT ✓
PS-10002	04-25-12	0850	AQ		X			RUSH TAT ✓
PS-10003	04-25-12	0800	AQ		X			RUSH TAT ✓
PS-10004	04-25-12	0915	AQ		X			RUSH TAT ✓
PS-10005	04-25-12	0940	AQ		X			ARCHIVE ✓
PS-10006	04-25-12	1000	AQ		X			ARCHIVE ✓

TOTAL NUMBER OF CONTAINERS: 6 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY: <u>Kaitlin Barlow</u>			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Kaitlin Barlow</u>	<u>Kaitlin Barlow</u>	<u>MWH</u>	<u>04-25-12</u>	<u>1139</u>	<u>R.K. Mahoney</u>	<u>R. K. Mahoney</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Joan Kester PROJECT MANAGER: John Garr DATE: 05-02-12  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST				REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)		
PS-10007	05-02-12	0820	AQ		X			Rush TAT ✓
PS-10008	05-02-12	0905	AQ		X			Rush TAT ✓
PS-10009	05-02-12	0755	AQ		X			Rush TAT ✓
PS-10010	05-02-12	0933	AQ		X			Rush TAT ✓
PS-10011	05-02-12	0948	AQ		X			Archive ✓
PS-10012	05-02-12	1007	AQ		X			Archive ✓

TOTAL NUMBER OF CONTAINERS: 6 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY: <u>Joan Kester</u>			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Joan Kester</u>	<u>Joan Kester</u>	<u>NW H</u>	<u>05-02-12</u>	<u>1320</u>	<u>R.K. Mahoney</u>	<u>R.K. Mahoney</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Kaitlin BL PROJECT MANAGER: John Garr DATE: 05/09/2012  
 METHOD OF SHIPMENT: walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST						REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)				
P5-10013	05/09/12	0850	AG		X				Rapid TAT ✓	
P5-10014		0800			X				✓	
P5-10015		0920			X				✓	
P5-10016		0900			X				✓	
P5-10017		0935			X				✓	
P5-10018		0950			X				✓	
P5-10019		1025			X				✓	
P5-10020		1025			X				✓	
P5-10021		1025			X				✓	
P5-10022		1032			X				✓	
P5-10023		1032			X				✓	
P5-10024	05-09-12 05-10	1032	AG		X				Rapid TAT ✓	

TOTAL NUMBER OF CONTAINERS: 23 05/09/12 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Kaitlin BL</u>	<u>Kaitlin Barklow</u>	<u>MWH</u>	<u>05/09/2012</u>	<u>1134</u>	<u>R.K. Mahoney</u>	<u>R.K. Mahoney</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Kaitlin Barklow PROJECT MANAGER: John Farr DATE: 05/09/2012  
 METHOD OF SHIPMENT: walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST						REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)				
PS-10025	05/09/12	1040	AQ		X					Rapid TAT ✓
PS-10026	05/09/12	1040	AQ		X					Rapid TAT ✓
PS-10027	05/09/12	1040	AQ		X					Rapid TAT ✓

TOTAL NUMBER OF CONTAINERS: 15 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Kaitlin Barklow</u>	<u>Kaitlin Barklow</u>	<u>MWH</u>	<u>05-09-12</u>	<u>1134</u>	<u>R.K. Mahoney</u>	<u>R.K. Mahoney</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Jan Kest PROJECT MANAGER: John Garr DATE: 05-16-12  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST						REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)				
P5-10028	05-16-12	0835	AQ	X						STANDARD ✓
P5-10029	05-16-12	0910	AQ	X						" " ✓
P5-10030	05-16-12	0925	AQ	X						" " ✓
P5-10031	05-16-12	0940	AQ	X						" " ✓
P5-10032	05-16-12	0955	AQ	X						" " ✓
P5-10033	05-16-12	1015	AQ	X						" " ✓
P5-10034	05-16-12	1030	AQ	X						" " ✓

TOTAL NUMBER OF CONTAINERS: 7 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY: <u>Jan Kest</u>			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Jan Kest</u>	<u>Jan Kest</u>	<u>MWH</u>	<u>05-16-12</u>	<u>1145</u>	<u>R.K. Mahoney</u>	<u>R.K. Mahoney</u>	<u>EMSC</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) *Kathleen Bl...* PROJECT MANAGER: John Garr DATE: 05/23/2012  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST						REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)				
✓ PS-10035	05/23/12	0955	AQ	X						Standard TAT ↓
✓ PS-10036		0958	AQ	X						
✓ PS-10037		1010	AQ	X						
✓ PS-10038		1020	AQ	X						
✓ PS-10039		1027	AQ	X						
✓ PS-10040		1030	AQ	X						
✓ PS-10041		1050	AQ	X						
✓ PS-10046		1130	AQ	X						
✓ PS-10047		1135	AQ	X						
✓ PS-10042		1107	AQ	X						
✓ PS-10043		1113	AQ	X						
✓ PS-10044	05/23/12	1120	AQ	X						Standard TAT

TOTAL NUMBER OF CONTAINERS: 22 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<i>Kathleen Bl...</i>	KATHIE BARKLAW	MWH	05/23/12	1539	<i>Kelly Colberg</i>	Kelly Colberg	EMSL

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 (b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Kathleen Barklow PROJECT MANAGER: John Garr DATE: 05/23/2012  
 METHOD OF SHIPMENT: Walkin CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST				REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)		
✓ PS-10045	05/23/12	1125	AQ	X				Standard TAT ↓
✓ PS-10048		1310	AQ	X				
✓ PS-10049		1330	AQ	X				
✓ PS-10050		1320	AQ	X				
✓ PS-10051		1335	AQ	X				
✓ PS-10052		1340	AQ	X				
✓ PS-10053		1345	AQ	X				
✓ PS-10054		1358	AQ	X				
✓ PS-10055	↓	1415	AQ	X				Standard TAT
✓ PS-10056	05/23/12	1457	AQ	X				

TOTAL NUMBER OF CONTAINERS: 22 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_ KCS

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Kathleen Barklow</u>	<u>Kathleen Barklow</u>	<u>MNH</u>	<u>05/23/12</u>	<u>1539</u>	<u>Kelly Colberg</u>	<u>Kelly Colberg</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Joan Kester PROJECT MANAGER: John Garr DATE: 05-30-12  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST						REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)				
✓ PS-10057	05-30-12	0845	AQ	X					STANDARD	
✓ PS-10058	}	0900	}	X					STANDARD	
✓ PS-10059		0915		X						
✓ PS-10060		0930		X						
✓ PS-10061		0940		X						
✓ PS-10062		0955		X						
✓ PS-10063	05-30-12	1010		X					STANDARD	

TOTAL NUMBER OF CONTAINERS: 7 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY: <u>Joan Kester</u>			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Joan Kester</u>	Joan Kester	MWH	05-30-12	1125	<u>K Colberg</u> EMSL	K Colberg	EMSL

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Kaitlin Barlow PROJECT MANAGER: John Garr DATE: 06/06/2012  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST					REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)			
PS-10064	06/06/12	0825	AQ	X					standard
PS-10065		0830	AQ	X					
PS-10066		0845	AQ	X					
PS-10067		0855	AQ	X					
PS-10068		0900	AQ	X					
PS-10069		0915	AQ	X					
PS-10070	06/06/12	0930	AQ	X					standard
<del> </del>									

TOTAL NUMBER OF CONTAINERS: 7 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Kaitlin Barlow</u>	<u>Kaitlin Barlow</u>	<u>MWH</u>	<u>06/06/12</u>	<u>1008</u>	<u>[Signature]</u>	<u>John Garr</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

CHAIN OF CUSTODY/ANALYSIS REQUEST RECORD

ENTERED BY: (Signature) Joan C Kester PROJECT MANAGER: John Garr DATE: 06/13/12  
 METHOD OF SHIPMENT: Walk-in CARRIER/WAYBILL NO.: NA DESTINATION: EMSL

SAMPLES				ANALYSIS REQUEST						REMARKS
Index ID	Date	Time	Media	TEM-ISO 10312 (a,b)	TEM 100.2 (a,b)	PLM (a,b)				
PS-10071	06/13/12	0825	AQ	X					STANDARD ✓	
PS-10072	}	0905	AQ	X					✓	
PS-10073		0915	AQ	X					✓	
PS-10074		0925	AQ	X					✓	
PS-10075		0940	AQ	X					✓	
PS-10076		0955	AQ	X					✓	
PS-10077	06/13/12	1010	AQ	X					STANDARD ✓	

TOTAL NUMBER OF CONTAINERS: 7 CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMP: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>Joan Kester</u>	<u>Joan Kester</u>	<u>MWH</u>	<u>06/13/12</u>	<u>1155</u>	<u>R.K. Makovey</u>	<u>R.K. Makovey</u>	<u>EMSL</u>

Notes --  
 (a) With Libby-specific modifications. See applicable OU3 SAP for counting and stopping rules  
 b) See applicable SAP for details on preparation methods.

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 200912 JK-01

PAGE: 1 OF: 2

ENTERED BY: (Signature) [Signature]

PROJECT MANAGER: John Carr

DATE: 9-20-12

METHOD OF SHIPMENT: WALK IN

CARRIER/WAYBILL NO: NA

DESTINATION: EMSL to MAS

SAMPLES							ANALYSIS REQUEST														Remarks		
Index ID	Date	Time	Media*	Air Volume (L)	Filtered	Archive	TEM ISO 10312 (a)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross α,β)				
PS-10078	9-19-12	0900	AQ				X																1) STANDARD TURN for All Samples  2) EPA Method TEM 100.2 as modified by Libby Lab Modification LB-000020A
PS-10079	9-19-12	0910	AQ				X																
PS-10080	"	"	"				X																
PS-10081		0917					X																
PS-10082		0925					X																
PS-10083		0928					X																
PS-10085		1134					X																
PS-10086		1150					X																
PS-10087		1155					X																
PS-10088		1159					X																
PS-10089		1203					X																
PS-10090		1206					X																

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>[Signature]</u>	<u>Jean Kester</u>	<u>MWH</u>	<u>9-20-12</u>	<u>1145</u>	<u>[Signature]</u>	<u>R. ESCAROT</u>	<u>EMSL</u>

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
 (a) Libby specific modifications  
 DISTRIBUTION: PINK: Field Copy    YELLOW: Return to Originator    WHITE: Laboratory Copy

# LIBBY OU3 - CHAIN-OF-CUSTODY RECORD/REQUEST FOR ANALYSIS

COC No. 200912 JK-01

PAGE: 2 OF: 2

ENTERED BY: (Signature) [Signature]

PROJECT MANAGER: John GARR

DATE: 09-20-12

METHOD OF SHIPMENT: WALK-IN

CARRIER/WAYBILL NO: NA

DESTINATION: EMSL to MAS

SAMPLES							ANALYSIS REQUEST														Remarks					
Index ID	Date	Time	Media*	Air Volume (L)	Filtered	Archive	TEM ISO 10312 (a)	PLM (a)	TAL Metals + Boron (Total)	TAL Metals + Boron (Dissolved)	Hardness	Mercury	Fluoride, Chloride, Sulfate	TDS, TSS, Nitrite, Alkalinity	Nitrate	Cyanide	VPH	EPH	Radchem (Gross $\alpha, \beta$ )							
PS-10091	9-19-12	1208	AQ				X																		1) STANDARD TURN for All Samples  2) EPA method TEM 100.2 as Modified by Libby Lab Modification LB-000020A	
PS-10092	9-19-12	1219	AQ				X																			
PS-10093	" "	1225	" "				X																			
PS-10101	}	1525	}				X																			
PS-10102		1532						X																		
PS-10103		1539							X																	
PS-10104		1544							X																	
PS-10105		1610							X																	
PS-10108	1907						X																			

ick

TOTAL NUMBER OF CONTAINERS: \_\_\_\_\_ LABORATORY COMMENTS/CONDITION OF SAMPLES: \_\_\_\_\_ COOLER TEMPERATURE: \_\_\_\_\_

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
<u>[Signature]</u>	Joan Kester	MWH	9-20-12	1145	<u>[Signature]</u>	R. PESCADOR	EMSC27

\* Media AQ - Aqueous SO - Solid - AA Ambient Air  
(a) Libby specific modifications