

APPENDIX D

Laboratory Records

Chain of Custodies for Field Group: EBTSWX

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

11/12

EBASCO SERVICES INCORPORATED

PG = E B T S W X

List = E B T S W 4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No.	Samplers: D. Hanzlick
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PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER						
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/PC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*	
				G	4	X					✓													DB201
				G	3		XX				MS/PC													DB202
				G	2						PC						X							DB203
				G	3				X		LC							X						DB204
	X			G	1					N		X	X	X	X	X								DB205
		X		G	1					S										X				DB206
* COMPOSITE SAMPLES OF DECON WATER IN DRUM NUMBER RSW302327902																								

Relinquished by: (Signature) D. Hanzlick	Date/Time 10-20-93 1440	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93 1440
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/93	Received by: (Signature) FED EX	Date/Time 10/21/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/93

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES	One sample of broken - MS fract. sample 5 per.	

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, moisture, pH, Electrical Conductance. Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-1

*30 DAY TURNAROUND TIME

11/12

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

EG = EBT SW4

List = EBT SW4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No.	Samplers: R. Weingarz
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				ANALYSIS REQUIRED													SAMPLE TAG NUMBER													
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBS	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS		ARSENIC	LEAD	SELENIUM	MERCURY	IPA/FC2A	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*			
✓ COMP	D08933292	1440	}					G 4	X					✓															SB208	
✓ COMP	D08933292			G 3	XX										MSLT															SB209
✓ COMP	D08933292			G 2											IC							X								SB210
✓ COMP	D08933292			G 3										X	IC								X							SB211
✓ COMP	D08933292			G 1											N		X	X	X	X	X									SB212
✓ COMP	D08933292			G 1											B										X					SB213
* COMPOSITE SAMPLE OF PURGE WATER FROM DRUMS R0893329201, R0893329202 AND R0893329203																														

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-20-93 1500	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93 1500
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/93	Received by: (Signature) FED EX	Date/Time 10/21/93
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/24/93

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION _____ C		✓	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-2

* 30 DAY TURNAROUND TIME FROM SAMPLE DATE

11/12

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

Pg = EBT3W1

List EBT3W 4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-03
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Chain-of-Custody No. —	Samplers: Weingartz Wangartz
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER				
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC
✓ COMP	DDCON3288	1545	~1A					G	4	X																58174
✓ COMP	DDCON3288							G	3	XX																58175
✓ COMP	DDCON3288							G	2																	58176
✓ COMP	DDCON3288							G	3				X													58177
✓ COMP	DDCON3288			X				G	1					N		XX	XXX									58178
✓ COMP	DDCON3288	*	*			X		G	1					B								X				58179
* COMPOSITE OF DECON WATER TAKE FROM																										
DRUMS				DDCON328801, DDCON328802, DDCON328803																						
AND				DDCON328803, DDCON328804, DDCON328805 (A 10/20/03)																						
DDCON328806 AND DDCON328807 (A 10/20/03)																										

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-20-03	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/21/03
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/03	Received by: (Signature) FED EX	Date/Time 10/21/03
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/03

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>3</u> C	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
 * Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-3

CA 10/21/03

* SO DA. (URAMROUND) ...

11/12

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

EG = EBT5W X

List = EBT5W 4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No. -	Samplers: Wingard
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				PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER								
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FCZ		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL *			
✓ COMP	DSW09328501	1500	n/a					G4	X						✓													58144		
✓ COMP	DSW0932851	1500	n/a					G3		XX						MS	PC											58145		
✓ COMP	DSW0932851			G2														PC						X					58146	
✓ COMP	DSW0932851			G3										X				LC						X					58147	
✓ COMP	DSW0932851			G1	X										N			XXXX	XX	XX										58148
✓ COMP	DSW0932851			G1		X									B										X					58149

* COMPOSITE SAMPLE TAKEN FROM DRUM
 NUMBERS RSW09328501, RSW09328502 - CA labels
 AND RSW09328503 (DECON WATER)

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/93	Received by: (Signature) FED EX	Date/Time 10/21/93
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/93

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COC's AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>5</u> °C		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES	<i>one MS arrived broken samples preserved</i>		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
 • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-4

→ 30 DAY TURNAROUND TIME

11/12

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

FG = EBTSWX

List = EBTSW 4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No.	Samplers: R. Weingarz
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER								
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	FCRA TOXICITY - TCLP	FCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL			
✓ COMP	DSW0332892	1520	} * J					G	4	X																			S8163	
✓ COMP	DSW0332892	1520		G	3		XX																							S8164
✓ COMP	DSW0332892	1520		G	2																									S8165
✓ COMP	DSW0332892	1520		G	3							X																		S8166
✓ COMP	DSW0332892	1520		X	G	1						N																		S8167
✓ COMP	DSW0332892	1520			G	1		X				B																		S8168
* COMPOSITE WATER SAMPLE (DECON WATER) FROM DRUM DSW0332892																														

D-5

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-20-93 1600	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93 1500
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/16/93	Received by: (Signature) FED. EX	Date/Time 10/16/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/93

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>3</u> C	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
Sample Tag Numbers will be analyzed for MS/MSD Parameters.

One MS duct and 10 samples are same

* 30 DAY TURNAROUND TIME FROM SAMPLE DATE

(Ebasco)

11/12

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

FG = EBT SWX

List = EBTSS4

EBASCO SERVICES INCORPORATED

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers:
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER						
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*	
COMP	DSW083284Z		} * 2					G	4	X																	SB132	
COMP	DSW083284Z			G	3		X	X																				SB133
COMP	DSW083284Z			G	2																							SB134
COMP	DSW083284Z			G	3							X																SB135
COMP	DSW083284Z			G	1	X																						SB136
COMP	DSW083284Z		G	1			X																				SB137	
* COMPOSITE OF DECON WATER TAKEN FROM DRUM NUMBER RSW0832840Z																												

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-20-93 1600	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93 1600
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/93	Received by: (Signature) FED. EX.	Date/Time 10/21/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/93 1700

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION	9 C	Y	
CORRECTED COPY ATTACHED			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

PROBLEMS OR DISCREPANCIES

D-6

★ 30 DAY TURNAROUND TIME FROM SAMP. DATE

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = E BTJWX

LIST = EBTJWX

WB 6/200
EBT 11/23

Project No.	Project Name:	Sample Date:
PHASE II	TOOELE	

Chain-of-Custody No.	Samplers:

PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER											
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CU/FUSO4/Br/Cl/NO3/PO4	ANIONS NO2/NO3		IMPA/FCZA	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS							
				G	4	X				V																58060						
				G	2	X	X			ECMS																58061						
				G	1					N				X	X	X	X									58062						
				G	1					B													X			58063						
				G	3					LC1												X	X			58064						
				* COMPOSITE OF DECON H2O TAKEN FROM DRUM # RDRON2329201																												

Relinquished by: (Signature) <i>David B. ...</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>D. ...</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C		✓	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES	<i>Sample 58 broken (see)</i>		

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.
RW-11-2-93

D-7

30 / TURNAROUND TIME FROM SAMPLE DATE

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBT SWX LIST = EBT SWX EBT SWX 11/23

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers: BRADFIELD
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				PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER								
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/FU/SO4/Br/Iodide/PO4		ANIONS NO2/NO3	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS			
COMP	RSW082329802	1515	} *17						6	4	X																				58055	
COMP	RSW082329802	1515								6	3	XX																				58056
COMP	RSW082329802	1515			X					6	1																					58057
COMP	RSW082329802	1515					X			6	1																		X		58058	
COMP	RSW082329802	1515								6	3																	XX			58059	
* COMPOSITE OF DECON H2O TAKEN FROM DIRM # RSW082329802																																

Relinquished by: (Signature) <i>Don B Bradford</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Don C. Therman</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C		✓	
CORRECTED COPY ATTACHED		✓	

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.
RW-11-2-93

D-8

*30 DAY TURNAROUND TIME FROM SAMPLING DATE

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD
 FG = EBT SWT LIST = EBT SWX 11/23

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers: BRADFIELD
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				PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER					
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MEFCURY	IMPA/FC2A	THIODIGLYCOL	DIOXINS/FURANS		CYANIDE	TOC/CEC	GEOTECHNICAL		
COMP	DSW0532792	1540	} * 19					S	4	X					V														S8180
COMP	DSW0532792	1540							G	3	XX				EC, MS														S8181
COMP	DSW0532792	1540			X				G	1					N		XX	XX	XX										S8182
COMP	DSW0532792	1540					X		G	1					B										X				S8183
* COMPOSITE OF DECON WATER TAKEN FROM DRUM # RSW052327902																													

Relinquished by: (Signature) <i>David B. Bradford</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Mike Pherson</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>4</u> C		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
 • Sample Tag Numbers will be analyzed for MS/MSD Parameters. *Rev 2-93*

D-9

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

EG = EBT SWX LIST = ~~EBT SWX~~ EBT SWX 11/23

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers: BRAOFIELD
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				PRESERVATIVE		ANALYSIS REQUIRED																	SAMPLE TAG NUMBER							
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches/feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY		ANIONS Cl/F/ClO4/Br/I/NO3/SO4	ANIONS NO2/NO3	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
COMP	RSW312329902	1600	} + 18					G	4	X				V																58045
COMP	RSW312329902	1100		G	3	X	X								EL	AS														58046
COMP	RSW312329902	1400		G	1										N				X	X	X	X								58047
COMP	RSW312329902	1400		G	1										B													X		58048
COMP	RSW312329902	1400		G	3										LC												X	X		58049
* COMPOSITE OF DECON H2O TAKEN FROM DARM # RSW312329902																														

Relinquished by: (Signature) <i>David B. Brafford</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Phil Pherson</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6 C</u>		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES			

Remarks: MS Sample Tag Numbers will be analyzed for MSMSD Parameters.

RW-11-2-93

* 30 DAY TURN AROUND TIME FROM SAMPLE DATE

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBTSVX LIST = ~~EBTSVX~~ EBTS W36 11/23

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers: BRADFIELD
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PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER										
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGI/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/BICARB/PO4	ANIONS NO2/NO3		IMP/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS						
				G	4	X				✓																58050					
				G	3					✓																58051					
				G	1											X	X	X	X							58052					
				G	1																		X			58053					
				G	3																	X	X			58054					
				* COMPOSITE OF DECON H2O TAKEN FROM DRAIN # RSW302329802																											

Relinquished by: (Signature) <i>Paul D. Bradfield</i>	Date/Time 10/28/93 1700	Received by: (Signature) <i>Robert K. Awerdt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Awerdt</i>	Date/Time 10/29/93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>DMc Pherson</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION <u>6 C</u>	✓	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

Raw - 11-2-93

D-11

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

PG = EBT SWX LIST = EBT SW10

11/29

Project No. Phase II	Project Name: Tooele	Sample Date: 10/31/93
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Chain-of-Custody No. -	Samplers: S. Sebezak-Bryan S. DeWitt
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				PRESERVATIVE		ANALYSIS REQUIRED																SAMPLE TAG NUMBER								
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM		MERCURY	ANIONS Cl/F/NO3/Br/I/CO3/PO4	ANIONS NO2/NO3	IMP/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
COMP	DSW0533011	1205	NA					G 4	X																					58091
COMP	DSW0533011	1205	NA					G 3		X	X			MS, EC																58092
COMP	DSW0533011	1205	NA	X				G 1						B				X	X	X	X	X								58093
COMP	DSW0533011	1205	NA			X		G 1																		X				58094
* Composite of Decon Water taken from drum # RSW052330101																														

553
10-31-93

D-12

Relinquished by: (Signature) S. Sebezak-Bryan	Date/Time 10-31-93/1345	Received by: (Signature) Robert K. DeWitt	Date/Time
Relinquished by: (Signature) Robert K. DeWitt	Date/Time 11-1-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) R. P. Pherson	Date/Time 11/2/93 1500

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION <u>6 C</u>	✓	
CORRECTED COPY ATTACHED	✓	
PROBLEMS OR DISCREPANCIES <u>Sample preserved</u>		

Remarks: MS Sample Tag Numbers will be analyzed for MSMSD Parameters.
AIR BUL # 6325 918590

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

11/29

PG = GBT5WX LIST = GBT5W10

Project No. Phase II	Project Name: Tooele	Sample Date: 10/31/93
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Chain-of-Custody No. -	Samplers: S. Sobczak-Bryan S. DeWitt
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				PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	Zn Acetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/USO4/Br/Bicarb/PO4		ANIONS NO2/NO3	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
* COMP	DSW0533011	1205	NA					G	4	X				10		✓														5809
** COMP	DDCON33002	1245	NA					G	4	X				11		✓														5810
* Composite of Decan water taken from drum # RSW052330101																														
** Composite of Decan water taken from drum # RTDCONZ330002																														

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-31-93/1345	Received by: (Signature) <i>Robert K. Weid</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Weid</i>	Date/Time 11-1-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 11/2/93 1500

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓		
SAMPLE LABELS / COCs AGREE	✓		
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C	✓		
CORRECTED COPY ATTACHED	✓		
PROBLEMS OR DISCREPANCIES			

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.
AIR RILL # 6325818590

D-13

* 30 Day Turnaround time from sample time
EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBTSWX*7 LIST = EBTSW4

11/29

Project No. Phase II	Project Name: Tooele	Sample Date: 10/31/93
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Chain-of-Custody No. -	Samplers: S. Sobczak-Bryan S. DeWitt
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED																					
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/BICARB/PO4	ANIONS NO2/NO3	MPA/PCZA	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER
COMP	DDCON33001	1220	NA					G	4	X																			58101
COMP	DDCON33001	1220	NA					G	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	58102
COMP	DDCON33001	1220	NA					G	2																			58103	
COMP	DDCON33001	1220	NA					G	3																			58104	
COMP	DDCON33001	1220	NA	X				G	1																			58105	
COMP	DDCON33601	1220	NA			X		G	1																			58106	

* Composite of Decon Water taken from dam # RDXONZ330001

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-31-93 1345	Received by: (Signature) <i>[Signature]</i>	Date/Time
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 11-1-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 11/2/93 1500

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <i>φ</i> C		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES <i>samples preserved</i>			

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.
 AIR BILL # 6325818590

D-14

* 30 Day turnaround time from sample time
EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD 11/29
 PG = DBTSVX DBTSW4

Project No. Phase II	Project Name: Tooele	Sample Date: 10/31/93
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Chain-of-Custody No. -	Samplers: S. Soberzak-Bryan S. DeWitt
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				PRESERVATIVE		ANALYSIS REQUIRED																								
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/B/BICARB/PO4	ANIONS NO2/NO3	IMPA/FCZA	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER	
COMP	DDCON33002	1245	NA					G	4	X																				58107
COMP	DDCON33002	1245	NA					G	3	XX					MS, CC															58108
COMP	DDCON33002	1245	NA			X		G	2						2C										X					58109
COMP	DDCON33002	1245	NA					G	3				X		LC											X				58110
COMP	DDCON33002	1245	NA	X				G	1						N			X	X	X	X									58111
COMP	DDCON33002	1245	NA			X		G	1						B											X				58112

* Composite of Decon Water taken from drum # RDCONZ 330002

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-31-93/1345	Received by: (Signature) Robert K. Sweidt	Date/Time
Relinquished by: (Signature) Robert K. Sweidt	Date/Time 11-1-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 11/2/93 1500

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES <i>Samplers & sealed</i>			

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.
 AIR 7 # 6325818590

558
11-31-93
D-15

* 36 Day turnaround time from sample time

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

fg = EBTSWX LIST = EBTSW10 12/6

Project No. Phase II	Project Name: Tooele	Sample Date: 11-08-93
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Chain-of-Custody No. _____	Samplers: J Lane
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				PRESERVATIVE		ANALYSIS REQUIRED																									
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/BICARB/PO4	ANIONS NO2/NO3	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER		
COMP	DDCON33055	1535	NA					G	4	X																				8132	
COMP	DDCON33055	↑	NA					G	3		X	X																		8133	
COMP	DDCON33055		NA					G	2																	X				8134	
COMP	DDCON33055		NA					G	3				X													X				8135	
COMP	DDCON33055	↓	NA	X				G	1											X	X	X	X							8136	
COMP	DDCON33055	1535	NA			X		G	1																	X				8137	
* Composite of decon water taken from drum # RDCONZ330505																															

D-18

Relinquished by: (Signature) <i>John Ze</i>	Date/Time 11/8/93	Received by: (Signature) <i>John Ze</i>	Date/Time 11/10/93 H00
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COC's AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>4</u> c		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES <i>Samples preserved</i>			

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBTSWX LIST = EBTSV104 12/6

Project No. Phase II	Project Name: Tooele	Sample Date: 11-08-93
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Chain-of-Custody No. —	Samplers: J. Lane
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	PRESERVATIVE				SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA# / GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT / CORR	RCRA REACT / CYANIDE	RCRA REACT / SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL / F / SO ₄ / Br / I / ClO ₃ / PO ₄	ANIONS NO ₂ / NO ₃	IMPA / FC2A	THIOGLYCOL	CYANIDE	DIOXINS / FURANS	SAMPLE TAG NUMBER
				HNO ₃	H ₂ SO ₄	NaOH	Zn Acetate / NaOH																						
COMP	DDCON33051	1505	NA					G	4	X																			S811C
COMP	DDCON33051	↑	NA					G	3	XX																			S811E
COMP	DDCON33051	↑	NA					G	2																X			S811F	
COMP	DDCON33051	↑	NA					G	3				X													X		S811G	
COMP	DDCON33051	↓	NA	X				G	1																			S811H	
COMP	DDCON33051	1505	NA					G	1																			S811I	

* Composite of Decon Water taken from drum # RDCON330501

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 11/18/93	Received by: (Signature) <i>[Signature]</i>	Date/Time 11/10/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION 4 C	✓	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES samples received		

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

Relayed under correct Sample # 14 on 11-10-93

D-19

Air Bill 749914739 6325819161

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBTSWX * 23 LIST = EBTSWX 12/8

EBASCO SERVICES INCORPORATED

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No. —	Samplers: <i>D. Bowler</i>
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				ANALYSIS REQUIRED																SAMPLE TAG NUMBER										
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC		LEAD	SELENIUM	MERCURY	ANIONS CL/FU/SO4/B/BI/CARBONATE	ANIONS NO2/NO3/P04	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
COMP	R119333141	1700	N/A					G	4	X				✓																58255
COMP	R119333141	1700	N/A					G	2		X			MS																58256
COMP	R119333141	1700	N/A					G	2			X		EC																58257
COMP	R119333141	1700	N/A					G	3					LC													X		58258	
COMP	R119333141	1700	N/A					G	2					PC											X				58259	
COMP	R119333141	1700	N/A	X				G	1					N			X	X	X	X	X									58260
COMP	R119333141	1700	N/A					G	1					De								X								58261
COMP	R119333141	1700	N/A		X			G	1					S									X							58262
COMP	R119333141	1700	N/A			X		G	1					B												X				58263

D-20

Relinquished by: (Signature) <i>Dennis Knobel</i>	Date/Time 11/15/93 1730	Received by: (Signature) <i>Sed EX</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Michael Gault</i>	Date/Time 11/17/93 1300
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>2 C</u>		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

HIT D111 11 032-001 1101

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = ERTSWX *2 LIST = ERTSWX 12/9

EBASCO SERVICES INCORPORATED

Project No. PHASE II	Project Name: TOOELE	Sample Date: 11-16-93
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Chain-of-Custody No. —	Samplers: Conrad J. Brinnis
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PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS 4M20	BNA/GCMS 4M18	PCBs 4H02	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS 5S10/500	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/FUSO4/BI/CARBONATE 20		ANIONS NO2/NO3/PO4/F11	IMP/FC2A 4T03	THIODIGLYCOL 4W22	CYANIDE 4F11	DIOXINS/FURANS	
				G	4	X					V															58246
				G	2		X				MS															58247
				G	2			X			EL															58248
				G	3						LC												X			58249
				G	2						IC											X				58250
			X	G	1						N			X	X	X	X									58251
				G	1						DE							X								58252
				G	1			X			S								X							58253
				G	1			X			B												X			58254

D-21

Relinquished by: (Signature) <i>Conrad J. Brinnis</i>	Date/Time 11-16-93 1500	Received by: (Signature) <i>Michael G...</i>	Date/Time 11/17/93 1300
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>2</u> C	Y	
CORRECTED COPY ATTACHED	Y	
PROBLEMS OR DISCREPANCIES		

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

11/12/11 = 6325319161

TOOELE WATER CHAIN-OF-CUSTODY RECORD

12/8

FG = EBT5Wx * 22 LIST = EBT5WU

EBASCO SERVICES INCORPORATED

Project No. PHASE II	Project Name: TOOELE	Sample Date: 11-16-93
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Chain-of-Custody No. —	Samplers: <i>Conrad J. Brenialis</i>
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				PRESERVATIVE				ANALYSIS REQUIRED																						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CU/FLU/SO4/BICARB/P04	ANIONS NO2/NO3	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER	
COMP	RDCON33056	1302	N/A					G	4	X					V														58264	
COMP	RDCON33056	1302	N/A					G	3		XX			MS	ETZ														58265	
COMP	RDCON33056	1302	N/A					G	2					IL											X				58266	
COMP	RDCON33056	1302	N/A					G	3				X	LC												X			58267	
COMP	RDCON33056	1302	N/A	X				G	1					N				XXX	XX										58268	
COMP	RDCON33056	1302	N/A			X		G	1					B												X			58269	
* Composite of RDCON33056 and RDCON33057																														

11/11/11

D-22

Relinquished by: (Signature) <i>Conrad J. Brenialis</i>	Date/Time 11-16-93 1500	Received by: (Signature) <i>Fed Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Michael [Signature]</i>	Date/Time 11/17/93 1300
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>2c</u>		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: MS Sample Tag Numbers will be analyzed for MSMSD Parameters.

EBASCO SERVICES INCORPORATED

Air bill # 6325819135
TOOELE WATER CHAIN-OF-CUSTODY RECORD

PL = EBTSWX + 24 LIST = EBTSW14 Due 12/23

Project No. <i>Phase II Tooele</i>	Project Name: <i>Tooele</i>	Sample Date: <i>11-30-93</i>
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Chain-of-Custody No.	Samplers: <i>Conrad J. Brinnin</i>
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PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER					
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLF	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS Cl/F/SO4/Bi/carb/Phos	ANIONS NO2/NO3/PO4		IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
				G	4	X				V																SB300
				G	2	X				MS																SB301
				G	2		X			EC																SB302
				G	3				X	LC													X			SB303
				G	2					IC												X				SB304
			X	G	1					N				X	X	X	X									SB305
			X	G	1					IR									X							SB306
			X	G	1					S										X						SB307
			X	G	1					B												X				SB308

Relinquished by: (Signature) <i>Conrad J. Brinnin</i>	Date/Time <i>11-30-93 1600</i>	Received by: (Signature) <i>Mike [Signature]</i>	Date/Time <i>12/2/93</i>
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SAMPLE LABELS / COCs AGREE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TEMPERATURE WITHIN SPECIFICATION <i>LC</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CORRECTED COPY ATTACHED	<input type="checkbox"/>	<input type="checkbox"/>
PROBLEMS OR DISCREPANCIES	<input type="checkbox"/>	<input type="checkbox"/>

Remarks: MS Sample Tag Numbers will be analyzed for MSMSD Parameters.

D-23

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG: EBTJWX 126 LIST: EBTJW16 Due 12/23

Project No. Phase II	Project Name: Tooele	Sample Date: 11/30/93
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Chain-of-Custody No.	Samplers: R.T. Canon
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PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER					
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA# / GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/NO3/CO3/PO4	ANIONS NO2/NO3 / PO4		IMP/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
				G	4	X				✓																58315
				G	2		X			MS																58316
				G	2			X		EC																58317
				G	3					LC													X			58318
				G	2					IR												X				58319
			X	G	1					M					XXX	XX										58320
				G	1					IR								X								58321
			X	G	1					S											X					58322
			X	G	1					B													X			58323

Relinquished by: (Signature) R.T. Canon	Date/Time 11/30/93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) Michael [Signature]	Date/Time 12/2/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>5 C</u>		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES <u>samples @</u>			

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-25

Airbill #6325818656

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

PG = EBTSWX 29 LIST = EBTSW/6

12/23

Project No. Phase II	Project Name: Tooele	Sample Date: 12-2-93
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Chain-of-Custody No. _____	Samplers: Conrad J. Biemini
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				PRESERVATIVE				ANALYSIS REQUIRED																						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CU/PL/SO4/BICARBONATE	ANIONS NO2/NO3/P04	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER	
COMP	R129333617	0910	N/A					G	4	X				✓																S8414
		0910						G	2		X			MS																S8415
		0910						G	2			X		ET																S8416
		0910						G	3					LS												X				S8417
		0910						G	2					TR											X					S8418
		0910		X				G	1					M				X	X	X	X									S8419
		0910						G	1					PC									X							S8420
		0910				X		G	1					S										X						S8421
		0910				X		G	1					B												X				S8422

Relinquished by: (Signature) Conrad J. Biemini	Date/Time 12-02-93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 12/3/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGHEE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> c		✓	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: MS Sample Tag Numbers will be analyzed for MSMSD Parameters.

D-26

At: 5.11 # 6525818656

TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = ERTSWX + 30 LIST = ERTSW16

12/23

EBASCO SERVICES INCORPORATED

Project No. Phase II	Project Name: Tooele	Sample Date: 12-02-93
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Chain-of-Custody No. —	Samplers: Carol J. Brimble
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PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA# / GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CU/FLU/SO4/BI/CAR/PO4		ANIONS NO2/NO3/PO4	IMPA/FCZA	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
				G 4	X					V																SB381
				G 2		X				MS																SB382
				G 2			X			EC																SB383
				G 3						LC												X				SB384
				G 2						DC											X					SB385
				G 1			X			N				X	X	X	X									SB386
				G 1						DC									X							SB387
				G 1			X			S										X						SB388
				G 1			X			B												X				SB389

Relinquished by: (Signature) Carol J. Brimble	Date/Time 12-02-93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) Mehul J. Joshi	Date/Time 12/3/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>4C</u>	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-27

At: bill #6324818660

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD 12/23
 FG = EBTSW#31 LIST = EBTSW15

Project No. Phase II	Project Name: TOOELE	Sample Date: 12-03-93
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Chain-of-Custody No. _____	Samplers: Candy J. Brinchi
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PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS Cl/F/ClO4/Bicarbonate		ANIONS NO2/NO3/P04	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
				G	4	X		✓																		58390
		X		G	1			N							X	X	X	X								58391
				G	1			IA											X							58392
		X		G	1			S												X						58393
			X	G	1			R														X				58394

D-29

Relinquished by: (Signature) Candy J. Brinchi	Date/Time 12-03-93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) Michael J. ...	Date/Time 300 12/4/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION 6c	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES Sample prep		

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

Chain of Custodies for Field Group: EBTSWX

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

11/12

FG = EBTSSX

List = EBTSS4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No.	Samplers: R. Weingerz
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER						
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL	
✓ UFS	DSW0332891	1620	} *5					G	Z	X																		S8159
✓ UFS	DSW0332891	↑		G	I					X	X	X																S8160
✓ UFS	DSW0332891	↓		G	Z									X	X	X	X	X					X					S8161
✓ UFS	DSW0332891	1620		G	I															X	X							S8162
*SAMPLE OF PPE FROM DRUM NUMBER RSW032328901																												

D-30

Relinquished by: (Signature) <i>R. Weingerz</i>	Date/Time 10-20-93 1700	Received by: (Signature) <i>Michael J. ...</i>	Date/Time 10/20/93
Relinquished by: (Signature) <i>Michael J. ...</i>	Date/Time 10/21/93	Received by: (Signature) FED. EX	Date/Time 10/21/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Michael J. ...</i>	Date/Time 10/27/93

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION <u>S</u> C	✓	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• Sample Tag Numbers will be analyzed for MS/MSD Parameters.

* 30 DR. TURNAROUND TIME WITH SAMPLES

11/12

EBASCO SERVICES INCORPORATED

TOOELE WATER CHAIN-OF-CUSTODY RECORD

EBTSSX

List: EBTSS4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No.	Samplers: R. Weingartz
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PRESERVATIVE				ANALYSIS REQUIRED																					
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAB/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/B/BI/CARB/PO4	ANIONS NO2/NO3	IMP/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER
				G 2	X																				58193
				G 1		X	X																		58194
				G 2										X	X	X	X						X		58195
				G 1																		XX			58196

CA 10/19/93
CA 10/21/93
CA 10/19/93
CA 10/19/93
D-31

YES, DO EXPLOSIVES
ALSO. 10/20-93

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-20-93 1700	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93 1700
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/93	Received by: (Signature) FEDERAL EXPRESS	Date/Time 10/21/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/93

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>9</u> C	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.
COMPOSITE SAMPLE OF PPE FROM DRUM R08932327901.

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

11/12

FG-EBTSSX

List EBTSS 4

Project No. PHASE II	Project Name: TOOELE	Sample Date: 10-20-93
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Chain-of-Custody No. -	Samplers: Wangra
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				PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER							
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*		
CA 10/19/93 UFS COMP	DSW093280	✓ 1705	} * 4					G 2	X																			S8137	
CA 10/19/93 UFS COMP	DSW093280	✓ 1						G 1		X	X	X																	S8140
CA 10/19/93 UFS COMP	DSW093280	✓ 1						G 1														X	X						S8141
CA 10/19/93 UFS COMP	DSW093280	✓ 1						G 2									X	X	X	X	X	X			X				S8142
* COMPOSITE SAMPLE TAKEN FROM DROM																													
NUMBERS DSW09328001 AND DSW09328002																													
AND DSW09328002																													

CA 10/19/93
CA 10/19/93
CA 10/19/93
CA 10/19/93
D-33

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-20-93 1800	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/20/93 1800
Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10/21/93	Received by: (Signature) FED EX	Date/Time 10/21/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/22/93 1700

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>5 C</u>		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

X 30 DAY TURNAROUND TIME FROM SAMPLE TIME

TOOELE ^{PPE} SOIL CHAIN-OF-CUSTODY RECORD

EBTSS TUP

PL = EBTSSK

LIST = EBTSSK EBTSSB 11/23

EBASCO SERVICES INCORPORATED

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers: BRAD FREN
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PRESERVATIVE				ANALYSIS REQUIRED																		SAMPLE TAG NUMBER				
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FC2A	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC		GEOTECHNICAL			
				G 2	X																			58036 ✓		
				G 1		XX																		58037 ✓		
			X 10	G 2								XXX	XX								X			58038 ✓		
				G 1														XX						58039 ✓		
				X COMPOSITE OF PPE TAKEN FROM DAM																						
				NUMBER: RSW302329801																						

D-37

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE			
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters. *Rev-11-2-93*

X 30 DAY TURNAROUND TIME FROM SAMPLE TIME

EBASCO SERVICES INCORPORATED

PPE
TOOLE SOIL CHAIN-OF-CUSTODY RECORD

EBTSS2LP
EBTSS5B
11/23

FG = EBTSSX LIST = EBTSSX5

Project No. PHASE II	Project Name: TOOLE	Sample Date:
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Chain-of-Custody No.	Samplers: DRADFIELD
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				PRESERVATIVE													ANALYSIS REQUIRED													SAMPLE TAG NUMBER
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FCZA	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL				
USF	RSW302329801	1745	} 28					G	2	X																			58228 ✓	
USF	RSW302329801	1745		G	1	X	X																							58229 ✓
USF	RSW302329801	1745		G	2												X	X	X	X					X					58230 ✓
USF	RSW302329801	1745		G	1																		X	X						58231 ✓
* COMPOSITE OF PPE TAKEN FROM DAM NUMBER RSW302329801																														

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1400	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance. Sample Tag Numbers will be analyzed for MS/MSD Parameters. *Rev 11-2-93*

D-38

* 30 MIN TURNAROUND TIME FROM SAMPLE TIME

PPE

EBTSSX
EBTSSX
LIST = ~~EBTSSX~~ 11/23

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

EBASCO SERVICES INCORPORATED

Project No. PHASE II	Project Name: TOOELE	Sample Date:
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Chain-of-Custody No.	Samplers: BROADFIELD
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PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER					
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPAFC2A	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE		TOC/CEC	GEOTECHNICAL *			
				G 2	X																			58032		
				G 1		X X																		58033		
				G 2								X X X X X								X				58034		
				G 1													X X							58035		
				* COMPOSITE OF PPE TAKEN FROM DRAIN NUMBER RSW082329801																						

D-39

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 10-28-93 1700	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 10-29-93 1400	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 10/30/93 1630

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION 6 C	✓	
CORRECTED COPY ATTACHED	✓	

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters. **RW-11-2-93**

PROBLEMS OR DISCREPANCIES

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

FG = ERTSSX LIST = EBTSSCLP 11/23

Project No. Phase II	Project Name: Tooele	Sample Date: 10/29/93
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Chain-of-Custody No.	Samplers: Rich Borden
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				PRESERVATIVE		ANALYSIS REQUIRED																SAMPLE TAG NUMBER									
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAS/GCMS	PCBS	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	MPA/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*	Additional Sample			
Grab	RSW302327901	1100	0.0 NA * 318					G 2	2																			X	S8072		
Grab	RSW082328401	1050	NA * 319					G 2	2																			X	S8073		
Grab	RSW092328502	1105	NA * 320					G 2	2																			X	S8074		
Grab	RSW032328901	1040	NA * 321					G 2	2																			X	S8075		
Grab	RSW132327901	1118	NA * 322					G 2	2																			X	S8076		
Grab	RDC0N2328807	1125	NA * 323					G 2	2																			X	S8077		
Grab	RSW092328001	1145	0.0 NA * 324					G 2	2	X	X	X	X				X	X	X	X	X			X					S8078		
USF	RSW082329801	1700	-																												
USF	RSW312329901	1730	-																												
USF	RSW302329801	1745	-																												

Samp
Time
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DM

Relinquished by: (Signature) M K M	Date/Time 10/29/93/300	Received by: (Signature) [Signature]	Date/Time 10/30/93 1630
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		✓	
SAMPLE LABELS / COCs AGREE		✓	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> C		✓	
CORRECTED COPY ATTACHED		✓	
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
Sample Tag Numbers will be analyzed for MS/MSD Parameters. RWL 2-93

* 30 day turnaround time from sample time

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

11/29

FG = EBT55X

LIST = EBT55TD

EBT55TCLP

Project No. Phase II	Project Name: Tooele	Sample Date: 10/31/93
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Chain-of-Custody No. -	Samplers: S. Sobczak-Bryan S. DeWitt
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				PRESERVATIVE		ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FCZA		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL *	
COMP	DSW0533012	1115	NA					G	2	X																		58095
COMP	DSW0533012	1115	NA			*	19	G	1		XX																	58096
COMP	DSW0533012	1115	NA					G	2								XX	XX	XX					X				58097
COMP	SSO																											
	10-31-93																											
* Composite of soil cuttings taken from drum # RSW05Z330102																												

D-42

Relinquished by: (Signature) S. DeWitt	Date/Time 10-31-93/1345	Received by: (Signature) Robert K. Twardy	Date/Time
Relinquished by: (Signature) Robert K. Twardy	Date/Time 11-1-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature) Robert K. Twardy	Date/Time	Received by: (Signature) D. C. Pherson	Date/Time 11/2/93 1500

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION 4 C	✓	
CORRECTED COPY ATTACHED	✓	
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance. AIR BILL # 63259859 / Sample Tag Numbers will be analyzed for MS/MSD Parameters.

* 30 Day Turnaround Time from Sample Time

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

FR = BTSSX

LIST = BTSSD BTSSCLP

11/29

Project No. Phase II	Project Name: Tooele	Sample Date: 10/31/93
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Chain-of-Custody No. -	Samplers: S. Sabczuk-Bryan R. Borden
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PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER								
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FCZA		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*			
				G 3	2	X																		58098 ✓		
				G 1	20	X	X																	58099 ✓		
				G 2									X	X	X	X					X			58100 ✓		
				* Composite of soil cuttings from drum # R099333010T																						

D-43

Relinquished by: (Signature) <i>S. Sabczuk-Bryan</i>	Date/Time 10-31-93/1345	Received by: (Signature) <i>Robert K. Sweidt</i>	Date/Time
Relinquished by: (Signature) <i>Robert K. Sweidt</i>	Date/Time 11-1-93 1430	Received by: (Signature) FEDERAL EXPRESS	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>DMc Pherson</i>	Date/Time 11/2/93 1500

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	✓	
SAMPLE LABELS / COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION <u>4</u> C	✓	
CORRECTED COPY ATTACHED	✓	
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance. AIR BILL # 6325818590
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

GROUND COVER

AIRBILL # 0325819161

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

EG = EBTSSX #22

LIST = EBTSTCLP

12/8

Project No. PHASE II	Project Name: TOOELE	Sample Date: 11-16-93
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Chain-of-Custody No. _____	Samplers: Conrad J. Brinink
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				PRESERVATIVE														ANALYSIS REQUIRED														SAMPLE TAG NUMBER	
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAB/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/AF/CA	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL *							
COMP	RDCON33191	1320	N/A					G	4	X																			58276				
COMP	RDCON33191	1320	N/A					G	3		X	X																	58277				
COMP	RDCON33191	1320	N/A					G	3				X										X						58278				
COMP	RDCON33191	1320	N/A					G	2													X							58279				
COMP	RDCON33191	1320	N/A					G	1								X	X	X	X									58280				
COMP	RDCON33191	1320	N/A					G	1															X					58281				
* These samples are composites taken from drums:																																	
RDCON2331901																																	
RDCON2331902																																	

D-44

Relinquished by: (Signature) Conrad J. Brinink	Date/Time 11-16-93 1500	Received by: (Signature) FED EX	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 11/17/93 1300
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 11/17/93

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>2</u> c		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

AIRBILL # 6325819161

12/8

FB = EBTSSX-21

LIST = EBTSSSTCLP

Project No. PHASE II	Project Name: TOOELE	Sample Date: 11-16-93
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Chain-of-Custody No. —	Samplers: Conrad J. Breinlich
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER					
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FCZA		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL *
COMP	RDCON33193	1330	N/A					G	4	X																	58270
COMP	RDCON33193	1330	N/A					G	3	XX																	58271
COMP	RDCON33193	1330	N/A					G	3				X								X						58272
COMP	RDCON33193	1330	N/A					G	2												X						58273
COMP	RDCON33193	1330	N/A					G	1												X	X	X				58274
COMP	RDCON33193	1330	N/A					G	1															X			58275

D-45

11/11/93

Relinquished by: (Signature) Conrad J. Breinlich	Date/Time 11-16-93 1500	Received by: (Signature) FED EX	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Signature]	Date/Time 11/17/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION 2c	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• 200 Grams of Test Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

Air bill # 6325819135
 FG = EBTSX * 26 LIST = ~~EBTS~~ ^{EBTSCLP} ~~EBTS~~ ^{EBTS}
 Date: 12/2/93

Project No. Phase II	Project Name: TOOELE	Sample Date: 11/30/93
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Chain-of-Custody No. —	Samplers: R. T. Canon
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER					
				HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FC2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL *
COMP	R129333011	1400	NA					G 2	X																		58329
↓	↓	1400	↓					G 1	X	X																	58330
↓	↓	1400	↓	X				G 2							X	X	X	X	X								58331

RTC
11/30/93

Relinquished by: (Signature) R. J. Canon	Date/Time 11/30/93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>[Signature]</i>	Date/Time 12/2/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>6 C</u>	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
 • Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-46

EBASCO SERVICES INCORPORATED

PPE Air bill # 6325819135
TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBTSSX *25 LIST = EBTSTOLP Dve 12/23

Project No. <i>Phase II</i>	Project Name: <i>Tooele</i>	Sample Date: <i>11/30/93</i>
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Chain-of-Custody No.	Samplers: <i>R. T. Canon</i>
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SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	PRESERVATIVE				ANALYSIS REQUIRED																						
				HNO3	H2SO4	NaOH	Zn Acetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/FUS/Cl/Br/I/NO3/NO2	ANIONS NO2/NO3/PO4	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	SAMPLE TAG NUMBER	
<i>COMP</i>	<i>R639033144</i>	<i>1411</i>	<i>NA</i>					<i>G4</i>	<i>4</i>	<i>X</i>																				<i>SB282</i>
								<i>G2</i>	<i>2</i>		<i>X</i>																		<i>SB283</i>	
								<i>G2</i>	<i>2</i>			<i>X</i>																	<i>SB284</i>	
								<i>G3</i>	<i>3</i>				<i>X</i>													<i>X</i>		<i>SB285</i>		
								<i>G2</i>	<i>2</i>																	<i>X</i>		<i>SB286</i>		
								<i>G1</i>	<i>1</i>																		<i>X</i>	<i>SB287</i>		
								<i>G1</i>	<i>1</i>																		<i>X</i>	<i>SB288</i>		
								<i>G1</i>	<i>1</i>																		<i>X</i>	<i>SB289</i>		
								<i>G1</i>	<i>1</i>																		<i>X</i>	<i>SB290</i>		

D-47

Relinquished by: (Signature) <i>R. T. Canon</i>	Date/Time <i>11/30/93 6:00</i>	Received by: (Signature) <i>Fed Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Mula...</i>	Date/Time <i>12/2/93</i>
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		<i>Y</i>	
SAMPLE LABELS / COCs AGREE		<i>Y</i>	
TEMPERATURE WITHIN SPECIFICATION <i>GC</i>		<i>Y</i>	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

DPE Airbill # 6325819135
TOOELE WATER CHAIN-OF-CUSTODY RECORD

FO = EBTSSX 128 LIST = EBTSTKLP Dne 12/23

Project No. Phase II	Project Name: Tooele	Sample Date: 11/30/93
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Chain-of-Custody No. —	Samplers: R. T. Canon
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				PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS CL/F/SO4/B/Clc/acetate		ANIONS NO2/NO3/NO4	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
COMP	R000233144	1420	NA					G	4	X																				58364
COMP	↓	↓	↓					G	1										X	X	X									58365
COMP	↓	↓	↓					G	1													X								58366
COMP	↓	↓	↓					G	1														X							58367
COMP	↓	↓	↓					G	1																X					58368

CTD
 11/30/93
 R.T. Canon

Relinquished by: (Signature) R. T. Canon	Date/Time 11/30/93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) M. J. Foster	Date/Time 12/2/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>6</u> <u>C</u>	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

PPE Air bill # 6325819135
TOOELE WATER-CHAIN-OF-CUSTODY RECORD
 PG = EBTSSX +29 LIST = EBTSSX4LP Due 12/23

Project No. Phase II	Project Name: TOOELE	Sample Date: 11/30/93
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Chain-of-Custody No. _____	Samplers: R.T. Cannon
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				PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)	HNO3	H2SO4	NaOH	Zn Acetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	ANIONS Cl/F/SO4/B/Br/I/Carbonate		ANIONS NO2/NO3/P04	IMPA/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
COMP	R619033145	1425	NA					G	4	X																				SB344
								G	2		X																			SB345
								G	2			X																		SB346
								G	3				X														X			SB347
								G	2																	X				SB348
								G	1										XX	XXX										SB349
								G	1														X							SB350
								G	1																X					SB351
								G	1																	X				SB352

PTCX
 11/30/93
 PTCX

D-49

Relinquished by: (Signature) <i>R. Travis Cannon</i>	Date/Time 11/30/93 1600	Received by: (Signature) <i>Fed Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Michael Smith</i>	Date/Time 12/2/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <u>4c</u>	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

PDE Airbill # 6325819135
TOOELE WATER CHAIN-OF-CUSTODY RECORD

FG = EBTSX 23 LIST = EBTSPLP Du 12/23

Project No. <i>Phase II</i>	Project Name: <i>Tooele</i>	Sample Date: <i>11/30/93</i>
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Chain-of-Custody No.	Samplers: <i>R. T. Canon</i>
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				PRESERVATIVE		ANALYSIS REQUIRED																	SAMPLE TAG NUMBER						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY		ANIONS CL/FUSO4/BICARBONATE	ANIONS NO2/NO3/PO4	IMP/FC2A	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS
<i>Comp</i>	<i>R001033144</i>	<i>1444</i>	<i>NA</i>					<i>G</i>	<i>4</i>	<i>X</i>																			<i>SB291</i>
								<i>G</i>	<i>2</i>		<i>X</i>																		<i>SB292</i>
								<i>G</i>	<i>2</i>			<i>X</i>																	<i>SB293</i>
								<i>G</i>	<i>3</i>				<i>X</i>													<i>X</i>			<i>SB294</i>
								<i>G</i>	<i>2</i>																<i>X</i>				<i>SB295</i>
								<i>G</i>	<i>1</i>									<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>							<i>SB296</i>
								<i>G</i>	<i>1</i>													<i>X</i>							<i>SB297</i>
								<i>G</i>	<i>1</i>														<i>X</i>						<i>SB298</i>
								<i>G</i>	<i>1</i>																	<i>X</i>			<i>SB299</i>

D-50

*REC'D
11/30/93*

Relinquished by: (Signature) <i>R. T. Canon</i>	Date/Time <i>11/30/93 1600</i>	Received by: (Signature) <i>Fed Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Mike Ford</i>	Date/Time <i>1/2/93</i>
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		<i>Y</i>	
SAMPLE LABELS / COCs AGREE		<i>Y</i>	
TEMPERATURE WITHIN SPECIFICATION <i>50C</i>		<i>Y</i>	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

Air bill # 6325814135

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

FG = EBTSSX * 31 LIST = EBTSSSTUP DR 12/23

EBASCO SERVICES INCORPORATED

Project No. Phase II	Project Name: Tooele	Sample Date: 11/30/93
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Chain-of-Custody No. —	Samplers: R.T. Canon
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PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER			
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FCZA	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE		TOC/CEC	GEOTECHNICAL *	
				G 2 X																				S8332
				G 1		XX																		S8333
			X	G 2								XXX	XX											S8334
			RC																					
			11/30/93																					

SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (Inches / feet)
COMP	R119333011	1505	NA
↓	↓	1505	↓
↓	↓	1505	↓

D-53

Relinquished by: (Signature) R. J. Canon	Date/Time 11/30/93 1600	Received by: (Signature) F. J. Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) Michael Ex	Date/Time 12/2/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY		Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT		Y	
SAMPLE LABELS / COCs AGREE		Y	
TEMPERATURE WITHIN SPECIFICATION <u>9</u> C		Y	
CORRECTED COPY ATTACHED			
PROBLEMS OR DISCREPANCIES			

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

12

EBASCO SERVICES INCORPORATED

PPE Air bill # 6325819135
TOOELE-WATER CHAIN-OF-CUSTODY RECORD
 FG = 6BT55K + 24 LIS = EBT5STALP Doe 12/23

Project No. <i>Phase II</i>	Project Name: <i>TOOELE</i>	Sample Date: <i>11/30/93</i>
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Chain-of-Custody No. <i>—</i>	Samplers: <i>R. T. Canon</i>
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				PRESERVATIVE		ANALYSIS REQUIRED																	SAMPLE TAG NUMBER							
SITE TYPE	SITE IDENTIFICATION	TIME <small>(Military Standard)</small>	SAMPLE DEPTH <small>(inches / feet)</small>	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR	RCRA REACT/CYANIDE	RCRA REACT/SULFIDE	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY		ANIONS CL/F/SO4/Br/I/Cl/NO3/PO4	ANIONS NO2/NO3/PO4	IMPA/FCZA	THIODIGLYCOL	CYANIDE	DIOXINS/FURANS	
<i>COMP</i>	<i>R629033144</i>	<i>1518</i>	<i>N/A</i>					<i>G</i>	<i>4</i>	<i>X</i>																				<i>S8335</i>
								<i>G</i>	<i>2</i>	<i>X</i>																				<i>S8336</i>
								<i>G</i>	<i>2</i>			<i>X</i>																		<i>S8337</i>
								<i>G</i>	<i>3</i>				<i>X</i>													<i>X</i>			<i>S8338</i>	
								<i>G</i>	<i>2</i>																<i>X</i>				<i>S8339</i>	
								<i>G</i>	<i>1</i>										<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>							<i>S8340</i>	
								<i>G</i>	<i>1</i>														<i>X</i>						<i>S8341</i>	
								<i>G</i>	<i>1</i>															<i>X</i>					<i>S8342</i>	
								<i>G</i>	<i>1</i>																	<i>X</i>			<i>S8343</i>	

D-55

Relinquished by: (Signature) <i>R. T. Canon</i>	Date/Time <i>11/30/93</i> <i>1600</i>	Received by: (Signature) <i>Fed Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>M. J. Smith</i>	Date/Time <i>12/2/93</i>
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	<i>Y</i>	
SAMPLE LABELS / COCs AGREE	<i>Y</i>	
TEMPERATURE WITHIN SPECIFICATION <i>5 C</i>	<i>Y</i>	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

PPE
TOOELE SOIL CHAIN-OF-CUSTODY RECORD
 FG = EBTSSX * 33 LIST = EBTSSSTLP

Airbill # 6325818656

Due 12/23

Project No. Phase II	Project Name: TOOELE	Sample Date: 12-2-93
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Chain-of-Custody No. <hr/>	Samplers: <i>Carol J. Bicini</i>
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				PRESERVATIVE				ANALYSIS REQUIRED																SAMPLE TAG NUMBER				
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/FC2A	THIODIGLYCOL	DIOXINS/FURANS		CYANIDE	TOC/CEC	GEOTECHNICAL *	
COMP	R129333018	0920	N/A					G	4	X				SV														58423
		0920						G	2	X				SV														58424
		0920						G	2		X																	58425
		0920						G	3														X					58426
		0920						G	2												X							58427
		0920					X ^{SP} 12-1-93	G	1					✓		XX	X	XX										58428
		0920					X ^{SP} 12-1-93	G	1															X				58429

Relinquished by: (Signature) <i>Carol J. Bicini</i>	Date/Time 12-02-93 1600	Received by: (Signature) <i>Fel Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>M...</i>	Date/Time 12/3/93 1300
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <i>C-C</i>	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
 Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-56

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

PPE

Mail # 6725818656

12-1-93 FG-EBTSSX + 34 LIST=EBTSSZCL 12/23

Project No. Phase II	Project Name: TOOELE	Sample Date: 12-02-93
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Chain-of-Custody No. _____	Samplers: Carol J. Breinli
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PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER						
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/AFCA		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL*	
				G	4	X																		58374
				G	2		X																	58375
				G	2			X																58376
				G	3														X					58377
				G	2												X							58378
				G	1							X	X	X	X									58379
				G	1															X				58380

D-57

Relinquished by: (Signature) Carol J. Breinli	Date/Time 12-02-93 1600	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) Melan J...	Date/Time 12/3/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION G C	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• MS Sample Tag Numbers will be analyzed for MS/MSD Parameters.

EBASCO SERVICES INCORPORATED

PPE
TOOELE SOIL CHAIN-OF-CUSTODY RECORD

Airbill # 6525818660

FA = EBTSST * 36

LIST = EBTSSTCLP

12/27

Project No. Phase II	Project Name: Tooele	Sample Date: 12-02-93
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Chain-of-Custody No. _____	Samplers: <i>Conrad J. Brenzli</i>
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				PRESERVATIVE				ANALYSIS REQUIRED														SAMPLE TAG NUMBER						
SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)	HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNAs/GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMP/AF2A		THIODIGLYCOL	DIOXINS/FURANS	CYANIDE	TOC/CEC	GEOTECHNICAL *	
COMP	R119333018	1422	N/A					G	4	X																		58407
		1422						G	2	X			X	EXD 12/4/93														58408
		1422						G	2			X																58409
		1422						G	3														X					58410
		1422						G	2												X							58411
		1422						G	1								X	X	X	X								58412
		1422						G	1															X				58413

Relinquished by: (Signature) <i>Conrad J. Brenzli</i>	Date/Time 12-07-93 1600	Received by: (Signature) <i>Fed Ex</i>	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>Michael J. ...</i>	Date/Time 12/4/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION <i>5c</i>	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
 Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-58

EBASCO SERVICES INCORPORATED

TOOELE SOIL CHAIN-OF-CUSTODY RECORD

Airbill # 6325818660

PRE
Fu = EBTSX * 35 LIST = EBTSX TCLP

D123

Project No. Phase II	Project Name: Tooele	Sample Date: 12-03-93
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Chain-of-Custody No. _____	Samplers: Conrad J. Bieniek
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PRESERVATIVE				ANALYSIS REQUIRED																	SAMPLE TAG NUMBER			
HNO3	H2SO4	NaOH	ZnAcetate/NaOH	SAMPLE TECHNIQUE	# OF CONTAINERS	VOLATILES/GCMS	BNA _s /GCMS	PCBs	EXPLOSIVES	RCRA TOXICITY - TCLP	RCRA INGIT/CORR/REACT	ICP METALS	ARSENIC	LEAD	SELENIUM	MERCURY	IMPA/FC2A	THIODIGLYCOL	DIOXINS/FURANS	CYANIDE		TOC/CEC	GEOTECHNICAL *	
				G	4	X																		58430
				G	1							X	X	X	X									58431
				G	1																X			58432

SITE TYPE	SITE IDENTIFICATION	TIME (Military Standard)	SAMPLE DEPTH (inches / feet)
COMP	R089333353	1145	N/A
↓	↓	1145	↓
↓	↓	1145	↓

Relinquished by: (Signature) Conrad J. Bieniek	Date/Time 12-03-93 1400	Received by: (Signature) Fed Ex	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature) Mike Hart	Date/Time 12/4/93
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

LABORATORY USE ONLY	Y	N
PACKAGE RECEIVED / CUSTODY SEALS INTACT	Y	
SAMPLE LABELS / COCs AGREE	Y	
TEMPERATURE WITHIN SPECIFICATION SC	Y	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

Remarks: • Geotechnical analysis to include Grain Size, Atterberg Limits, USCS Classification, Moisture, pH, Electrical Conductance.
• Sample Tag Numbers will be analyzed for MS/MSD Parameters.

D-60