DHL Analytical

Sample Receipt Checklist

Client Name **Zia Engineering & Environmental** Date Received: **3/13/2012**

Work Order Number **1203116** Received by **JB**

Checklist completed by: Signature 3/13/2012 Date Reviewed by JD Initials 3/13/2012 Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.6 °C, 2.4, 2.1
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Adjusted? NO Checked by

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

zia engineering & environmental consultants, llc
755 S. Telshor Blvd. Ste. F-201
Las Cruces, NM 88011
575-532-1526 p
575-532-1587 f

#1203116

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NO.

PROJECT NAME: HECSTF Construction Landfill

SAMPLER'S SIGNATURE: Bradley T. Davis

	DATE	TIME	SAMPLE ID	MATRIX	LAB NO.	NO. OF CONTAINERS	TOC	VOCs	GRO	DRO	SVOCs	Total Metals	Dissolved Metals	Anions			REMARKS
01	3-12-12	1020	HCSF-3839-HMW-035-0312	Water		10	X	X	X	X	X	X	X	X			
02	3-12-12	1020	HCSF-3839-HMW-135-0312	Water		10	X	X	X	X	X	X	X	X			
03	3-12-12	1020	HCSF-3839-HMW-TB-2-0312	Water		2		X									trip blank

PROJECT INFORMATION	SAMPLES RECEIVED		1. RELINQUISHED BY: (SIGNATURE)	2. RELINQUISHED BY: (SIGNATURE)	3. RECEIVED BY LAB: (SIGNATURE)
PROJECT MANAGER: Brad Davis	TOTAL NO. OF CONTAINERS		(PRINTED NAME) Bradley T. Davis 3-12-12 1700	(PRINTED NAME) 3/13/12 1150	(PRINTED NAME)
SHIPPING ID NO.	CHAIN OF CUSTODY SEALS	40	RECEIVED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	(COMPANY)
	GOOD CONDITION/COLD	3.6	(TIME/DATE) 3/12/12 2200	(TIME/DATE) 3/13/12 1150	(TIME/DATE)
VIA: Fed EX	CONFORMS TO RECORD		SPECIAL INSTRUCTIONS/COMMENTS: See Attached Analyte List		

PLEASE USE BALL POINT PEN

DISTRIBUTION: WHITE - PROJECT FILES; YELLOW - LAB; PINK - FIELD COPY

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Las Cruces, NM 88011
575-532-1526 p
575-532-1587 f

#1203114

CHAIN OF CUSTODY RECORD

PROJECT NO.:

PROJECT NAME: HELSTF Construction Landfill

SAMPLER'S SIGNATURE: Brad T. Davis

	DATE	TIME	SAMPLE ID	MATRIX	LAB NO.	NO. OF CONTAINERS	TOCs	VOCs	GRO	DRO	SVOCs	Total metals	Dissolved metals	Anions			REMARKS
04	3-12-12	1210	HLSF-3839-HMW-TB-2-0312	Water		2		X									Trip Blank
05	3-12-12	1210	HLSF-3839-HMW-034-0312	Water		16	X	X	X	X	X	X	X	X			
04	3-12-12	1325	HLSF-3839-HMW-059-0312	Water		16	X	X	X	X	X	X	X	X			

PROJECT INFORMATION	SAMPLES RECEIVED	yes	1. RELINQUISHED BY: (SIGNATURE) Brad T. Davis	2. RELINQUISHED BY: (SIGNATURE)	3. RECEIVED BY LAB: (SIGNATURE)
PROJECT MANAGER: Brad Davis	TOTAL NO. OF CONTAINERS		(PRINTED NAME) Bradley T. Davis 3-12-12 1700	(PRINTED NAME) 3/13/12 1150	(PRINTED NAME)
SHIPPING ID NO.	CHAIN OF CUSTODY SEALS	yes	RECEIVED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	(COMPANY)
	GOOD CONDITION/CHILLED	24	(TIME/DATE) 3/12/12 1700	(TIME/DATE) 3/13/12 1150	(TIME/DATE)
VIA: Fed EX	CONFORMS TO RECORD		SPECIAL INSTRUCTIONS/COMMENTS: See Attached Analyte List		

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575-532-1526 u
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CHAIN OF CUSTODY RECORD

1203114

PAGE 1 OF 1

PROJECT NO.

PROJECT NAME: HELSTF Construction Landfill

SAMPLER'S SIGNATURE: Bradley T. Davis

	DATE	TIME	SAMPLE ID	MATRIX	LAB NO.	NO. OF CONTAINERS	TOC	VOCs	GRO	DRO	SVOCs	Total metals	Dissolved METALS	Anions			REMARKS
07	3-12-12	1415	HLSF-3839-RB-001-0312	Water		16	X	X	X	X	X	X	X	X			Rinsate Blank
08	3-12-12	1540	HLSF-3839-HMW-032-0312	Water		16	X	X	X	X	X	X	X	X			
09	3-12-12	1540	HLSF-3839-HMW-TB-0312	Water		2		X									

Note: Rinsate blank sample - dissolved metals + Anions not field filtered or preserved. Please filter and preserve at lab.

PROJECT INFORMATION	SAMPLES RECEIVED		1. RELINQUISHED BY: (SIGNATURE)	2. RELINQUISHED BY: (SIGNATURE)	3. RECEIVED BY LAB: (SIGNATURE)
PROJECT MANAGER: Brad Davis	TOTAL NO. OF CONTAINERS		(PRINTED NAME) Bradley T. Davis 3-12-12 1700	(PRINTED NAME) 3/13/12 1150	(PRINTED NAME)
SHIPPING ID NO.	CHAIN OF CUSTODY SEALS	NO	RECEIVED BY: (SIGNATURE)	RECEIVED BY: (SIGNATURE)	(COMPANY)
	GOOD CONDITION/CHILLED	2.1	(TIME/DATE) 3/14/12 1700	(TIME/DATE) 3/13/12 1150	(TIME/DATE)
VIA: FedEX	CONFORMING TO RECORD		SPECIAL INSTRUCTIONS/COMMENTS: See Attached Analyte List.		

PLEASE USE BALL POINT PEN

DISTRIBUTION: WHITE - PROJECT FILES; YELLOW - LAB; PINK - FIELD COPY

DHL Analytical

WORK ORDER Summary

Client ID: ZIA

Project Name: HELSTF Construction Landfill

Client Proj #:

Comments: This is DoD project; add Note to wet chem & DRO/TOC. Equis EDD Include Kim Golden, Laurie Rodriguez, and Jim Tezak

13-Mar-12

Work Order: 1203116

State Code: TD

QC Level: NELAC-DoD

Sample ID	Client Sample ID	Collection Date	Rcv Date	Due	Matrix	Test Code	R	MS	SEL	Storage	SA	Bottle	#
1203116-01A	HLSF-3839-HMW-035-0312	03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	8260_W_DOD	☐	☐	☑	Frig#5	N	VOAHCL	3
1203116-01B		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	M8015G_WD	☐	☐	☐	Frig#7	N	VOAHCL	3
1203116-01C		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	TOC_W	☐	☐	☐	Frig#3	N	VOAHPO4	3
	DOD PROJECT												
1203116-01D		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	HG_CTWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	ICPMS_TWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-01E		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	HG_CDWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	ICPMS_DWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-01F		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	300_W	☐	☐	☑	Frig#3	N	500HDPE	1
	DOD PROJECT		SEL Analytes: CL SO4										
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	ALK	☐	☐	☐	Frig#3	N	500HDPE	1
	DOD PROJECT												
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	PH_W	☐	☐	☐	Frig#3	N	500HDPE	1
	DOD PROJECT												
1203116-01G		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	8270_WDODL	☐	☐	☑	Frig#3	N	500AMGU	2
1203116-01H		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	DRO_ORO_W	☐	☐	☑	Frig#3	N	500GHCL	2
1203116-02A	HLSF-3839-HMW-135-0312	03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	8260_W_DOD	☐	☐	☑	Frig#5	N	VOAHCL	3
1203116-02B		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	M8015G_WD	☐	☐	☐	Frig#7	N	VOAHCL	3
1203116-02C		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	TOC_W	☐	☐	☐	Frig#3	N	VOAHPO4	3
1203116-02D		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	HG_CTWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	ICPMS_TWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-02E		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	HG_CDWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1

Client ID: ZIA

Project Name: HELSTF Construction Landfill

Client Proj #:

Comments: This is DoD project; add Note to wet chem & DRO/TOC. Equis EDD Include Kim Golden, Laurie Rodriguez, and Jim Tezak

13-Mar-12

Work Order: 1203116

State Code: TD

QC Level: NELAC-DoD

Sample ID	Client Sample ID	Collection Date	Rcv Date	Due	Matrix	Test Code	R	MS	SEL	Storage	SA	Bottle	#
1203116-02E	HLSF-3839-HMW-135-0312	03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	ICPMS_DWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-02F		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	300_W	☐	☐	☑	Frig#3	N	500HDPE	1
			SEL Analytes: CL SO4										
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	ALK	☐	☐	☐	Frig#3	N	500HDPE	1
		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	PH_W	☐	☐	☐	Frig#3	N	500HDPE	1
1203116-02G		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	8270_WDODL	☐	☐	☑	Frig#3	N	500AMGU	2
1203116-02H		03/12/12 10:20 AM	03/13/12	03/23/12	Aqueous	DRO_ORO_W	☐	☐	☑	Frig#3	N	500GHCL	2
1203116-03A	HLSF-3839-HMW-TB-1-0312	03/12/12 10:20 AM	03/13/12	03/23/12	Trip Blank	8260_W_DOD	☐	☐	☑	Frig#5	TB	VOAHCL	2
1203116-04A	HLSF-3839-HMW-TB-2-0312	03/12/12 12:10 PM	03/13/12	03/23/12	Trip Blank	8260_W_DOD	☐	☐	☑	Frig#5	TB	VOAHCL	2
1203116-05A	HLSF-3839-HMW-034-0312	03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	8260_W_DOD	☐	☐	☑	Frig#5	N	VOAHCL	3
1203116-05B		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	M8015G_WD	☐	☐	☐	Frig#7	N	VOAHCL	3
1203116-05C		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	TOC_W	☐	☐	☐	Frig#3	N	VOAHPO4	3
1203116-05D		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	HG_CTWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	ICPMS_TWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-05E		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	HG_CDWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	ICPMS_DWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-05F		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	300_W	☐	☐	☑	Frig#3	N	500HDPE	1
			SEL Analytes: CL SO4										
		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	ALK	☐	☐	☐	Frig#3	N	500HDPE	1
		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	PH_W	☐	☐	☐	Frig#3	N	500HDPE	1
1203116-05G		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	8270_WDODL	☐	☐	☑	Frig#3	N	500AMGU	2
1203116-05H		03/12/12 12:10 PM	03/13/12	03/23/12	Aqueous	DRO_ORO_W	☐	☐	☑	Frig#3	N	500GHCL	2

Client ID: ZIA

Project Name: HELSTF Construction Landfill

Client Proj #:

Comments: This is DoD project; add Note to wet chem & DRO/TOC. Equis EDD Include Kim Golden, Laurie Rodriguez, and Jim Tezak

13-Mar-12

Work Order: 1203116

State Code: TD

QC Level: NELAC-DoD

Sample ID	Client Sample ID	Collection Date	Rcv Date	Due	Matrix	Test Code	R	MS	SEL	Storage	SA	Bottle	#
1203116-06A	HLSF-3839-HMW-059-0312	03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	8260_W_DOD	☐	☐	☑	Frig#5	N	VOAHCL	3
1203116-06B		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	M8015G_WD	☐	☐	☐	Frig#7	N	VOAHCL	3
1203116-06C		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	TOC_W	☐	☐	☐	Frig#3	N	VOAHPO4	3
1203116-06D		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	HG_CTWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	ICPMS_TWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-06E		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	HG_CDWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	ICPMS_DWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-06F		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	300_W	☐	☐	☑	Frig#3	N	500HDPE	1
			SEL Analytes: CL SO4										
		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	ALK	☐	☐	☐	Frig#3	N	500HDPE	1
		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	PH_W	☐	☐	☐	Frig#3	N	500HDPE	1
1203116-06G		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	8270_WDODL	☐	☐	☑	Frig#3	N	500AMGU	2
1203116-06H		03/12/12 01:25 PM	03/13/12	03/23/12	Aqueous	DRO_ORO_W	☐	☐	☑	Frig#3	N	500GHCL	2
1203116-07A	HLSF-3839-RB-001-0312	03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	8260_W_DOD	☐	☐	☑	Frig#5	EB	VOAHCL	3
1203116-07B		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	M8015G_WD	☐	☐	☐	Frig#7	EB	VOAHCL	3
1203116-07C		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	TOC_W	☐	☐	☐	Frig#3	EB	VOAHPO4	3
1203116-07D		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	HG_CTWDO	☐	☐	☐	Frig#3	EB	500HDPEHNO3	1
		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	ICPMS_TWD	☐	☐	☑	Frig#3	EB	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-07E		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	HG_CDWDO	☐	☐	☐	Frig#3	EB	500HDPEHNO3	1
		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	ICPMS_DWD	☐	☐	☑	Frig#3	EB	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-07F		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	HOLD	☐	☐	☐	Frig#3	EB	500HDPE	1

Client ID: ZIA

Project Name: HELSTF Construction Landfill

Client Proj #:

13-Mar-12

Work Order: 1203116

State Code: TD

QC Level: NELAC-DoD

Comments: This is DoD project; add Note to wet chem & DRO/TOC. Equis EDD Include Kim Golden, Laurie Rodriguez, and Jim Tezak

Sample ID	Client Sample ID	Collection Date	Rcv Date	Due	Matrix	Test Code	R	MS	SEL	Storage	SA	Bottle	#
1203116-07G	HLSF-3839-RB-001-0312	03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	300_W	☐	☐	☑	Frig#3	EB	500HDPE	1
	DOD PROJECT		SEL Analytes: CL SO4										
		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	ALK	☐	☐	☐	Frig#3	EB	500HDPE	1
	DOD PROJECT												
		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	PH_W	☐	☐	☐	Frig#3	EB	500HDPE	1
	DOD PROJECT												
1203116-07H		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	8270_WDODL	☐	☐	☑	Frig#3	EB	500AMGU	2
1203116-07I		03/12/12 02:15 PM	03/13/12	03/23/12	Equip Blank	8270_WDODL	☐	☐	☑	Frig#3	EB	500AMGU	2
1203116-08A	HLSF-3839-HMW-032-0312	03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	8260_W_DOD	☐	☐	☑	Frig#5	N	VOAHCL	3
1203116-08B		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	M8015G_WD	☐	☐	☐	Frig#7	N	VOAHCL	3
1203116-08C		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	TOC_W	☐	☐	☐	Frig#3	N	VOAHPO4	3
1203116-08D		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	HG_CTWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	ICPMS_TWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-08E		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	HG_CDWDO	☐	☐	☐	Frig#3	N	500HDPEHNO3	1
		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	ICPMS_DWD	☐	☐	☑	Frig#3	N	500HDPEHNO3	1
			SEL Analytes: AS BA CD CA CR PB MG K SE AG NA										
1203116-08F		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	300_W	☐	☐	☑	Frig#3	N	500HDPE	1
			SEL Analytes: CL SO4										
		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	ALK	☐	☐	☐	Frig#3	N	500HDPE	1
		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	PH_W	☐	☐	☐	Frig#3	N	500HDPE	1
1203116-08G		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	8270_WDODL	☐	☐	☑	Frig#3	N	500AMGU	2
1203116-08H		03/12/12 03:40 PM	03/13/12	03/23/12	Aqueous	DRO_ORO_W	☐	☐	☑	Frig#3	N	500GHCL	2
1203116-09A	HLSF-3839-HMW-TB3-0312	03/12/12 03:40 PM	03/13/12	03/23/12	Trip Blank	8260_W_DOD	☐	☐	☑	Frig#5	TB	VOAHCL	2