TRIMATRIX LABORATORIES

SECTION - A

FIELD COC RECORDS AND RECEIVING DOCUMENTATION

This report shall not be reproduced except in full, without written authorization of TriMatrix Laboratories, Inc.
Individual sample results relate only to the sample tested.

5560 Corporate Exchange Court SE ♦ Grand Rapids, MI 49512 ♦ Phone: 616.975.4500 ♦ Fax: 616.942.7463 ♦ www.trimatrixlabs.com

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 332918B

Pg. 1 of 1

For Lab Use Only

Cart: 10

VOA Rack/Tray: 482, 484 W

Receipt Log No.: 40-24

Project Chemist: Lisa Harvey

Work Order No.: 1205072

Client Name: TechLaw Inc.

Address: 205 W. Wacker Drive, Suite 1622

City, State Zip: Chicago, IL 60606

Phone/Cell: 312.345.8930; 217.721.5483

Email: kwhitlock@techlawinc.com

Project Name: KNM

Client Project No. / P.O. No.:

Invoice To: (●) Client ( ) Other (comments)

Contact/Report To: Kim Whitlock

Analyses Requested

⇦ PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	EDB-8011 (A)	VOC, TPH-GRO (D)	SVOC (A)	Alk-BC/T, Cl, SO4 (A)	Amm., NO3+NO2 (C)	Total Ca,Mg,K,Na,Pb (B)	sulfide (F)	TPH-DRO (D)	Dissolved Fe,Mn (B)		Total	Sample Comments
											Container Type (corresponds to Container Packing List)											
											0	1	2	3	4	6	9	12	15			
											Number of Containers Submitted											
01	W	01	1	106092 A	TM 0879	5-1-12	15:22		✓	W	3										3	
			2	106092 B								5									5	
			3	106092 C									2								2	
			4	106092 D										1							1	
			5	106092 E											1						1	
			6	106092 F												1					1	
			7	106092 G													1				1	
			8	106092 H														2			2	
			9	106092 I			15:50												1		1	
			10																			

Sampled By (print): Brian Salem

Sampler's Signature: Brian Salem

Company: NMED / HWB

How Shipped? Hand ____ Carrier ✓

Tracking No.:

1. Relinquished By: Brian Salem — Date 5/1/12 — Time 16:00

1. Received By — Date — Time

Comments: 4MD. Std 10-BD; 15-DVP.

2. Relinquished By — Date — Time

2. Received By — Date — Time

3. Relinquished By — Date — Time

3. Received For Lab By — Date 5/2/12 — Time 0820

ORIGINAL - LABORATORY

COPY - FIELD/SAMPLER

TRIMATRIX LABORATORIES

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Chain of Custody Record

COC No. 332918B

Pg. 1 of 1

For Lab Use Only	
Cart	10
VOA Rack/Tray	482, 484 W
Receipt Log No.	40-24
Project Chemist	Lisa Harvey
Work Order No.	1205072

Client Name	TechLaw Inc.
Address	205 W. Wacker Drive, Suite 1622
City, State Zip	Chicago, IL 60606
Phone/Cell:	312.345.8930; 217.721.5483
Email:	kwhitlock@techlawinc.com
Project Name	KNM
Client Project No. / P.O. No.	
Invoice To	(●) Client ( ) Other (comments)
Contact/Report To	Kim Whitlock

Analyses Requested

⇦ PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	EDB-8011 (A)	VOC, TPH-GRO (D)	SVOC (A)	Alk-BC/T, Cl, SO4 (A)	Amm., NO3+NO2 (C)	Total Ca,Mg,K,Na,Pb (B)	sulfide (F)	TPH-DRO (D)	Dissolved Fe,Mn (B)	Total	Sample Comments
											0	1	2	3	4	6	9	12	15		
01	W	01	1	106092 A	TM 0899	5-1-12	15:22		✓	W	3									3	
			2	106092 B								5								5	
			3	106092 C									2							2	
			4	106092 D										1						1	
			5	106092 E											1					1	
			6	106092 F												1				1	
			7	106092 G													1			1	
			8	106092 H														2		2	
			9	106092 I			15:50												1	1	
			10																		

Container Type (corresponds to Container Packing List)

Number of Containers Submitted

Sampled By (print)	Brian Salem
Sampler's Signature	Brian Salem
Company	NMED / HWB
How Shipped?	Hand ____ Carrier ✓
Tracking No.	

Comments: 4MD. Std 10-BD; 15-DVP.

	Date	Time
1. Relinquished By: Brian Sal	5/1/12	16:00
1. Received By		
2. Relinquished By		
2. Received By		
3. Relinquished By		
3. Received For Lab By: [signature]	5/2/12	0820

ORIGINAL - LABORATORY COPY - FIELD/SAMPLER

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: Techlaw Inc	Work Order #: 1205072
Receipt Record Page/Line #: 40-24	New / Add To:
	Project Chemist:
	Sample #s:

Recorded by (initials/date)		Qty Received	
LR 5/2/12	☑ Cooler ☐ Box ☐ Other_____	1	Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler #	Time	Custody Seals	Coolant Location	Coolant/Temperature Taken Via	Alternate Temperature Taken Via
0879	1530	☐ None ☑ Present / Intact ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☑ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers	☑ Temperature Blank (TB) ☐ 1 Container
		☐ None ☐ Present / Intact ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers	☐ Temperature Blank (TB) ☐ 1 Container
		☐ None ☐ Present / Intact ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers	☐ Temperature Blank (TB) ☐ 1 Container
		☐ None ☐ Present / Intact ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers	☐ Temperature Blank (TB) ☐ 1 Container

Cooler #	Recorded °C	Correction Factor °C	Actual °C
0879	Temp Blank: —		5.1
	TB location: (Representative) / Not Representative		
	1 4.8	—	4.8
	2 3.8	—	3.8
	3 4.1	—	4.1
	Average °C		4.2
	☑ Cooler ID on COC?		
	☑ VOC Trip Blank received?		
Cooler #	Temp Blank:		
	TB location: Representative / Not Representative		
	1		
	2		
	3		
	Average °C		
	☐ Cooler ID on COC?		
	☐ VOC Trip Blank received?		
Cooler #	Temp Blank:		
	TB location: Representative / Not Representative		
	1		
	2		
	3		
	Average °C		
	☐ Cooler ID on COC?		
	☐ VOC Trip Blank received?		
Cooler #	Temp Blank:		
	TB location: Representative / Not Representative		
	1		
	2		
	3		
	Average °C		
	☐ Cooler ID on COC?		
	☐ VOC Trip Blank received?		

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	■	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☑	☐	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other_____

COC ID Numbers: 332918 B

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☐	■	☐	Was thermal preservation required?
☑	☐		If "No", Project Chemist Approval Intials:_____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☐	☑		Completed Sample Preservation Verification Form?
☐	☑	■	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
☐	☑		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	■	Sample ID matches COC?
☑	■	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	■	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☑ Green-tagged containers
- ☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	■	☑	Broken containers/lids?
	■	☑	Missing or incomplete labels?
	■	☑	Illegible information on labels?
	■	☑	Low volume received?
	■	☑	Inappropriate or non-TriMatrix containers received?
☐	■	☑	VOC vials / TOX containers have headspace?
☑	■	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
5/2/12 0820	5/2/12 1539	Yes / No

TRIMATRIX LABORATORIES

SAMPLE PRESERVATION VERIFICATION FORM

page ____ of ____

Client: Tech Law		Work Order #: 1205072
Receipt Log #: 40-24	Completed By (initials/date): LR 5/2/12	Project Chemist:

COC ID #			Adjusted by:_____ Date:_____		DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
332918B								
Container Type	5 / 23	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H_2SO_4	H_2SO_4		None	HNO_3	HNO_3	
Expected pH	>12	<2	<2		6-8	<2	<2	
COC Line #1								
COC Line #2								
COC Line #3								
COC Line #4					✓			
COC Line #5		✓						
COC Line #6						✓		
COC Line #7								
COC Line #8								
COC Line #9								✓
COC Line #10								

Comments

Ph Strip Lot #	
☑	HC133115
☐	

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to the sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 3, 6, and 15.

COC ID #			Adjusted by:_____ Date:_____		DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H_2SO_4	H_2SO_4		None	HNO_3	HNO_3	
Expected pH	>12	<2	<2		~7	<2	<2	
COC Line #1								
COC Line #2								
COC Line #3								
COC Line #4								
COC Line #5								
COC Line #6								
COC Line #7								
COC Line #8								
COC Line #9								
COC Line #10								

Comments

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H_2SO_4
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H_2SO_4
500	2.5

CUSTODY SEAL
DATE 5-1-12
SIGNATURE

Ref: LMH KNM
Dep:

Date: 14Mar12
Wgt: 20.00 LBS
DV: 0.00

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

Svcs: STANDARD OVERNIGHT Master 4953 7700 2210
TRCK: 4953 7700 2312

ORIGIN ID: GRRA (505) 222-9504
SID BRANDWEIN
NEW MEXICO ENV. DEPT.
5500 SAN ANTONIO DR NE

ALBUQUERQUE, NM 871094127
UNITED STATES US

SHIP DATE: 14MAR12
ACTWGT: 20.0 LB MAN
CAD: 564091/CAFE2511

BILL SENDER

TO SAMPLE MANAGEMENT GROUP
TRIMATRIX LABORATORIES
5560 CORPORATE EXCHANGE COURT SE

GRAND RAPIDS MI 495125503
(616) 975-4500
REF: LMH KNM

50DC1/81D5/10BC

FedEx Express

J111311060601 25

FedEx
TRK# 0224 4953 7700 2312

WED - 02 MAY A1
STANDARD OVERNIGHT

XX GRRA

49512
MI-US GRR

Quality Environmental Containers
00-255-3900 • 304-255-3900

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 332825F

Pg. 1 of 1

For Lab Use Only

Cart: 10

VOA Rack/Tray: 459, 220 B

Receipt Log No.: 40-23

Project Chemist: ~~Lisa Harvey~~

Work Order No.: 1205073

Client Name: TechLaw Inc.

Address: 205 W. Wacker Drive, Suite 1622

City, State Zip: Chicago, IL 60606

Phone/Cell: 312.345.8930; 217.721.5483

Email: kwhitlock@techlawinc.com

Project Name: KNM

Client Project No. / P.O. No.:

Invoice To: (●) Client ( ) Other (comments)

Contact/Report To: Kim Whitlock

Analyses Requested

PRESERVATIVES
- A NONE pH~7
- B HNO_3 pH<2
- C H_2SO_4 pH<2
- D 1+1 HCl pH<2
- E NaOH pH>12
- F ZnAc/NaOH pH>9
- G MeOH
- H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	EDB-8011 (A)	VOC, TPH-GRO (D)	SVOC (A)	Alk-BC/T, Cl, SO4 (A)	Amm., NO3+NO2 (C)	Total Ca,Mg,K,Na,Pb (B)	sulfide (F)	TPH-DRO (D)	Dissolved Fe,Mn (B)		Total	Sample Comments
											Container Type (corresponds to Container Packing List)											
											0	1	2	3	4	6	9	12	15			
											Number of Containers Submitted											
OC	W	01	1	106093 A	0856	5-1-12	11:16		✓	W	3										3	
	W		2	106093 B						W		5									5	
	W		3	106093 C						W			2								2	
	W		4	106093 D						W				1							1	
			5	106093 E											1						1	
			6	106093 F												1					1	
			7	106093 G													1				1	
			8	106093 H														2			2	
			9	106093 I			11:40												1		1	
			10																			

Sampled By (print): Brian Salem

Sampler's Signature: Brian Salem

Company: NMED / HWB

How Shipped? Hand ____ Carrier ✓

Tracking No.:

Comments: 4MD. Std 10-BD; 15-DVP.

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Brian Salem	5/1/12	15:45						

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						Lyn Romero	5/2/12	0830

ORIGINAL - LABORATORY COPY - FIELD/SAMPLER

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: Tech Law Inc	Work Order #: 1205073
Receipt Record Page/Line #: 40-23	New / Add To
	Project Chemist / Sample #s

Recorded by (initials/date): LR 5/2/12

☑ Cooler ☐ Box ☐ Other_____ | Qty Received

Thermometer Used: ☐ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time
0856	1515						

Custody Seals:
- ☐ None
- ☑ Present / Intact
- ☐ Present / Not Intact

Coolant Location: Dispersed / Top / Middle / Bottom

Coolant/Temperature Taken Via:
- ☐ Loose Ice / Avg 2-3 containers
- ☑ Bagged Ice / Avg 2-3 containers
- ☐ Blue Ice / Avg 2-3 containers
- ☐ None / Avg 2-3 containers

Alternate Temperature Taken Via:
- ☑ Temperature Blank (TB)
- ☐ 1 Container

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:	—	3.9
TB location: Representative / Not Representative		
1 3.4	—	3.4
2 4.3	—	4.3
3 5.4	—	5.4
Average °C		4.5

☑ Cooler ID on COC?
☑ VOC Trip Blank received?

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1		
2		
3		
Average °C		

☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1		
2		
3		
Average °C		

☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1		
2		
3		
Average °C		

☐ Cooler ID on COC?
☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	■	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☑	☐	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other_____

COC ID Numbers: 332825F

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☐	■	☐	Was thermal preservation required?
☑	☐		If "No", Project Chemist Approval Intials:_____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☐	☑		Completed Sample Preservation Verification Form?
☐	☑	■	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	■	Sample ID matches COC?
☑	■	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	■	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☑ Green-tagged containers
- ☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
- ☐ NONE RECEIVED
- ☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	■	☑	Broken containers/lids?
	■	☑	Missing or incomplete labels?
	■	☑	Illegible information on labels?
	■	☑	Low volume received?
	■	☑	Inappropriate or non-TriMatrix containers received?
☐	■	☑	VOC vials / TOX containers have headspace?
☑	■	☐	Extra sample locations / containers not listed on COC?

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
5/2/12 0830	5/2/12 1523	Yes / No

TRIMATRIX LABORATORIES

SAMPLE PRESERVATION VERIFICATION FORM

page ____ of ____

Client: TechLaw Inc		Work Order #: 1205073
Receipt Log #: 40-23	Completed By (initials/date): DR 5/2/12	Project Chemist:

COC ID #			Adjusted by:_____ Date:_____		DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
332825 F								
Container Type	5 / 23	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H_2SO_4	H_2SO_4		None	HNO_3	HNO_3	
Expected pH	>12	<2	<2		6-8	<2	<2	
COC Line #1								
COC Line #2								
COC Line #3								
COC Line #4					✓			
COC Line #5		✓						
COC Line #6						✓		
COC Line #7								
COC Line #8								
COC Line #9							✓	
COC Line #10								

Comments

Ph Strip Lot #	
☑	HC133115
☐	

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to the sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 3, 6, and 15.

COC ID #			Adjusted by:_____ Date:_____		DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H_2SO_4	H_2SO_4		None	HNO_3	HNO_3	
Expected pH	>12	<2	<2		~7	<2	<2	
COC Line #1								
COC Line #2								
COC Line #3								
COC Line #4								
COC Line #5								
COC Line #6								
COC Line #7								
COC Line #8								
COC Line #9								
COC Line #10								

Comments

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H_2SO_4
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H_2SO_4
500	2.5

Ref: LMH KNM
Dep:

Date: 14Mar12
Wgt: 20.00 LBS
DV: 0.00

SHIPPING:	0.00
SPECIAL:	0.00
HANDLING:	0.00
TOTAL:	0.00

Svcs: STANDARD OVERNIGHT Master 4953 7700 2210
TRCK: 4953 7700 2334

ORIGIN ID: GRRA (505) 222-9504
SID BRANDWEIN
NEW MEXICO ENV. DEPT.
5500 SAN ANTONIO DR NE

ALBUQUERQUE, NM 871094127
UNITED STATES US

SHIP DATE: 14MAR12
ACTWGT: 20.0 LB MAN
CAD: 564091/CAFE2511

BILL SENDER

TO SAMPLE MANAGEMENT GROUP
TRIMATRIX LABORATORIES
5560 CORPORATE EXCHANGE COURT SE

GRAND RAPIDS MI 495125503
(616) 975-4500
REF: LMH KNM

FedEx Express

FedEx
TRK# 0221 4953 7700 2334

WED - 02 MAY A1
STANDARD OVERNIGHT

XX GRRA

49512
MI-US GRR

RT 535 1 A 2334 05.02

FZ

34309 05/01 512G3/6104/A278

CUSTODY SEAL
DATE 5-1-12
SIGNATURE Brian Sahn

QEC
Quality Environmental Containers
800-255-3900 · 704-255-3900

00023

1082

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 3328256

Pg. 1 of 1

For Lab Use Only

Cart: 12 + 7 Bottom

VOA Rack/Tray: 80, 350 Blue

Receipt Log No.: 41-9

Project Chemist: ~~Lisa Harvey~~ (G)

Work Order No.: 1205085

Client Name	TechLaw Inc.
Address	205 W. Wacker Drive, Suite 1622
City, State Zip	Chicago, IL 60606
Phone/Cell:	312.345.8930; 217.721.5483
Email:	kwhitlock@techlawinc.com
Project Name	KNM
Client Project No. / P.O. No.	
Invoice To	◉ Client ○ Other (comments)
Contact/Report To	Kim Whitlock

Analyses Requested

Container Type (corresponds to Container Packing List)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	0 (A) EDB-8011	1 (D) VOC, TPH-GRO	2 (A) SVOC	3 (A) Alk-BC/T, Cl, SO4	4 (C) Amm., NO3+NO2	6 (B) Total Ca,Mg,K,Na,Pb	9 (F) sulfide	12 (D) TPH-DRO	15 (B) Dissolved Fe,Mn	Total	Sample Comments
61	W	01	1	106036 A	2242	5-2-12	13:18		✓	W	3									3	
	W		2	106036 B						W		5								5	
	W		3	106036 C						W			2							2	
	W		4	106036 D						W				1						1	
			5	106036 E											1					1	
			6	106036 F												1				1	
			7	106036 G													1			1	
			8	106036 H														2		2	
			9	106036 I			13:42												1	1	
			10																		

Preservatives: A NONE pH~7; B HNO_3 pH<2; C H_2SO_4 pH<2; D 1+1 HCl pH<2; E NaOH pH>12; F ZnAc/NaOH pH>9; G MeOH; H Other (note below)

Sampled By (print): Brian Salem

Sampler's Signature: Brian Salem

How Shipped? Hand ____ Carrier ✓

Tracking No.

Comments: 4MD. Std 10-BD; 15-DVP.

Company: NMED / HWB

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Brian Salem	5/2/12	15:45						

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						[illegible]	5/3/12	0900

ORIGINAL - LABORATORY COPY - FIELD/SAMPLER

2 of 2

TRIMATRIX LABORATORIES

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Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 332825B

Pg. 1 of 1

For Lab Use Only

Cart: 12 Bottom
VOA Rack/Tray: 80, 350 Blue
Receipt Log No.: 41-9
Project Chemist: **Lisa Harvey**
Work Order No.: 1205085

Client Name: TechLaw Inc.
Address: 205 W. Wacker Drive, Suite 1622
City, State Zip: Chicago, IL 60606
Phone/Cell: 312.345.8930; 217.721.5483
Email: kwhitlock@techlawinc.com

Project Name: KNM
Client Project No. / P.O. No.:
Invoice To: (●) Client ( ) Other (comments)
Contact/Report To: Kim Whitlock

Analyses Requested

	A	D	A	A	C	B	F	D	B	
	EDB-8011	VOC, TPH-GRO	SVOC	Alk-BC/T, Cl, SO4	Amm., NO3+NO2	Total Ca,Mg,K,Na,Pb	sulfide	TPH-DRO	Dissolved Fe,Mn	
Container Type (corresponds to Container Packing List)	0	1	2	3	4	6	9	12	15	

⇦ PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	0	1	2	3	4	6	9	12	15		Total	Sample Comments
	W	02	1	106037A + MS/MSD	2856	5-2-12	10:44		✓	W	6										6	
	W		2	106037B +MS/MSD						W		9									9	
	W		3	106037C +MS/MSD						W			4								4	
	W		4	106037D						W				1							1	
			5	106037E											1						1	
			6	106037F												1					1	
			7	106037G +MS/MSD													2				2	
			8	106037H +MS/MSD														3			3	
			9	106037I															1		1	
			10																			

Sampled By (print): Brian Salem
Sampler's Signature: Brian Salem
Company: NMED/HWB

How Shipped? Hand ____ Carrier ✓
Tracking No.

1. Relinquished By: Brian Salem Date: 5-2-12 Time: 15:30
1. Received By: Date: Time:
2. Relinquished By: Date: Time:
2. Received By: Date: Time:
3. Relinquished By: Date: Time:
3. Received For Lab By: [signature] Date: 5/3/12 Time: 0800

Comments: 4MD. Std 10-BD; 15-DVP.

ORIGINAL - LABORATORY COPY - FIELD/SAMPLER

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client	Work Order #:
Tech Law Inc	New / Add To 1205085
Receipt Record Page/Line # 41-9	Project Chemist / Sample #s

Recorded by (initials/date): LR 5/3/12

☑ Cooler ☐ Box ☐ Other_____ — Qty Received: 2

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler #	Time
2856	1034

Custody Seals: ☐ None ☑ Present / Intact ☐ Present / Not Intact

Coolant Location: Dispersed / (Top) / (Middle) / Bottom

Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☑ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers

Alternate Temperature Taken Via: ☑ Temperature Blank (TB) ☐ 1 Container

	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		—	5.6
TB location: (Representative) / Not Representative			
1	4.1	—	4.1
2	4.1	—	4.1
3	3.9	—	3.9
Average °C			4.0

☑ Cooler ID on COC? ☑ VOC Trip Blank received?

Cooler #	Time
2242	1039

Custody Seals: ☐ None ☑ Present / Intact ☐ Present / Not Intact

Coolant Location: Dispersed / (Top) / (Middle) / Bottom

Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☑ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers

Alternate Temperature Taken Via: ☑ Temperature Blank (TB) ☐ 1 Container

	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		—	3.2
TB location: (Representative) / Not Representative			
1	2.9	—	2.9
2	2.6	—	2.6
3	2.7	—	2.7
Average °C			2.7

☑ Cooler ID on COC? ☑ VOC Trip Blank received?

Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Location: Dispersed / Top / Middle / Bottom

Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers

Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container

	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1			
2			
3			
Average °C			

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Location: Dispersed / Top / Middle / Bottom

Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers

Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container

	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1			
2			
3			
Average °C			

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	■	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☑	☐	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other_____

COC ID Numbers: 332825G, 332825B

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	■	Sample ID matches COC?
☑	■	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	■	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☐	■	☐	Was thermal preservation required?
☑		☐	If "No", Project Chemist Approval Intials:_____
☑		☐	If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☐	☑		Completed Sample Preservation Verification Form?
☐	☑	■	Samples chemically preserved correctly?
☑		☐	If "No", added orange tag?
		☑	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☑ Green-tagged containers
☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	■	☑	Broken containers/lids?
	■	☑	Missing or incomplete labels?
	■	☑	Illegible information on labels?
	■	☑	Low volume received?
	■	☑	Inappropriate or non-TriMatrix containers received?
☐	■	☑	VOC vials / TOX containers have headspace?
☑	■	☐	Extra sample locations / containers not listed on COC?

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
5/3/12 0800	5/3/12 1051	Yes / (No)

FedEx
TRK# 0221 4953 7700 2345

THU – 03 MAY A1
STAN... VERNIGHT

XX GRRA

49512
MI-US GRR

FedEx
TRK# 0221 4953 7700 2242

THU – 03 MAY A1
STANDARD OVERNIGHT

XX GRRA

49512
MI-US GRR

#874695 05/02 512G3/61A4/A278

CUSTODY SEAL
DATE 5-2-12
SIGNATURE Brian Sol

REC
Quality Environmental Containers
800-255-3950 • 304-255-3900

CUSTODY SEAL
DATE 5-2-12
SIGNATURE Brian Sol

REC
Quality Environmental Containers
800-255-3950 • 304-255-3900