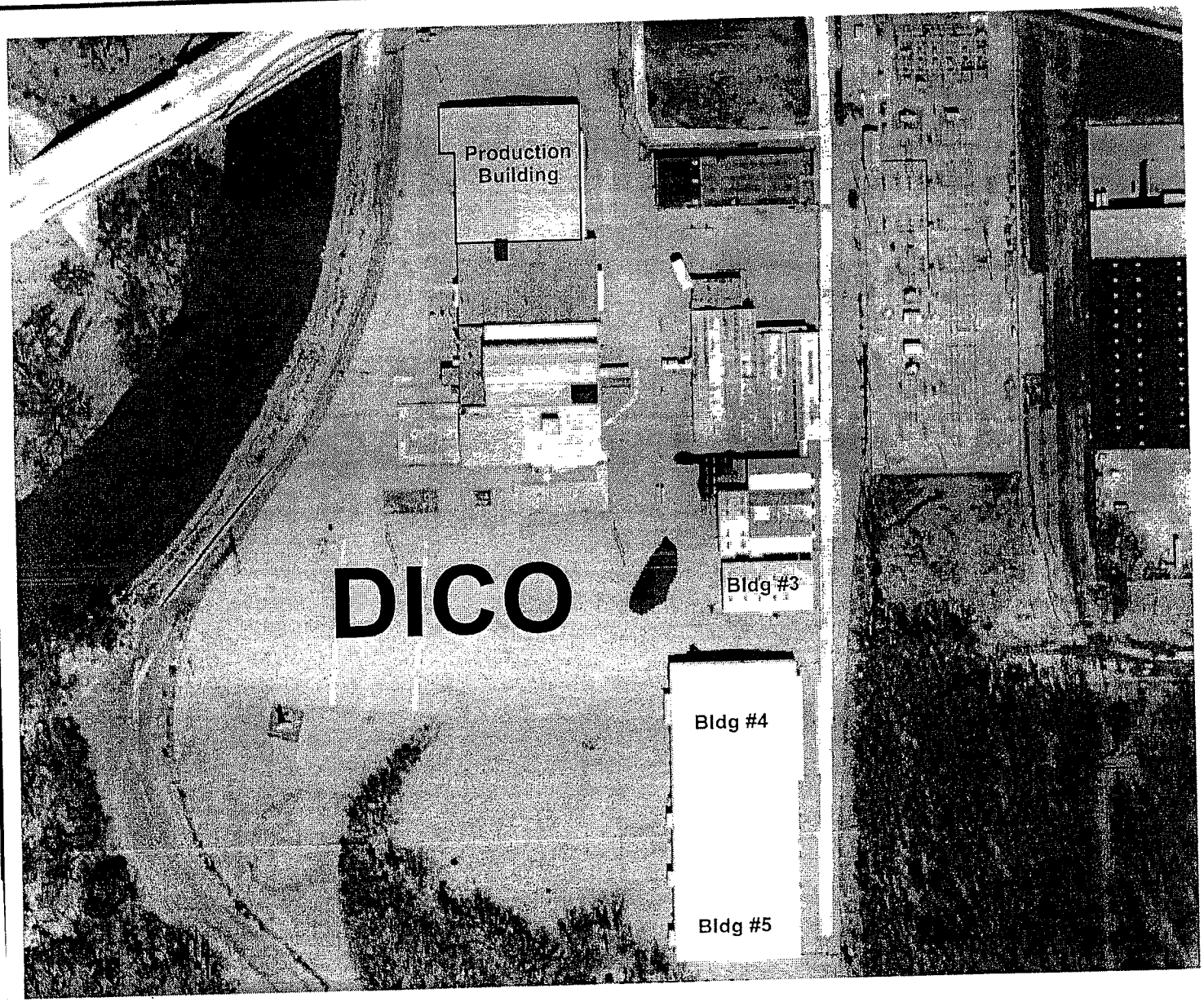
ATTACHMENT #17



LEGEND

Buildings Removed as of December 11, 2007:
Building #3
Building #4
Building #5
Production Building

D0386

SEME ENVIRONMENTAL SOLUTIONS
ENVIRONMENTAL MANAGEMENT AND ENGINEERING, INC.
28 Middleton Street, Nashville, Tennessee
Telephone 615.742.0875 • Facsimile 615.742.0873

FIGURE X
REMOVED BUILDINGS
DICO FACILITY
DES MOINES, IOWA

Date: 12/11/07 | DWG:FIG X AERIAL - DICO

Work Summary Report

DICO

PCB Insulation Project

Presented to:

Dr. Gazi George, PhD, CHMM
2701 Spruce Street
Quincy, IL 62301

From:

Mr. Jeff Rothwell, CHMM
Greenleaf Environmental Group, Inc.
4943 Austin Park Avenue
Buford, GA 30518

678-714-8420

www.greenleafgroup.net

April 18, 2008

TABLE OF CONTENTS

1.0 Work Summary

2.0 Site Photos

2.1 Insulation in barn – 1278 Old Six Road, Malcom, IA location
2.2 Barn storage of insulation – Malcon, IA site
2.3 Loading insulation in permitted 30-yd end dump
2.4 Truck leaving site – 1278 Old Six Road, Malcom, IA
2.5 Insulation that was installed in bedroom on farm residence
2.6 Insulation that was installed in bedroom on farm residence – 2nd
2.7 Stockpile – Located 755 460th Avenue, Grinnell, Iowa
2.8 Insulation at the Grinnell, Iowa location
2.9 OSHA trained technicians collecting insulation at Grinnell, IA site
2.10 Loading insulation in 30 yard end dump
2.11 Loading insulation in 30 yard end dump – Grinnell, IA
2.12 Loading Insulation – Grinnell, Iowa location
2.13 Technicians hand loading Insulation onto truck
2.14 Placarded Load
2.15 Ready and Loaded for proper DOT shipment

3.0 Load Volumes

4.0 Disposal Facilities

5.0 Conclusions

6.0 Attachments

6.1 Attachment A – Manifests
6.2 Attachment B – Analytical
6.3 Attachment C – Profile
6.4 Attachment D – Health and Safety Plan

1.0 WORK SUMMARY

Greenleaf Environmental Group (GEG) was contracted by DICO to perform remedial activities at two different locations in Iowa where PCB Insulation from the DICO site. Greenleaf mobilized a three-man crew to locate and remove insulation from two different locations in Iowa.

March 20, 2008

Location One (1) 1278 Old Six Road
Malcom, IA 51057
Contact: Sandy Beck
641-990-6204

On March 20, 2008, Greenleaf arrived at 1278 Old Six Road, Malcom, Iowa and removed insulation from a barn as well as a bedroom at the Beck family residence. Due to the cold weather and freezing conditions, some of the insulation was frozen to the floor. This material was left and re-addressed on 4-15-2008. Greenleaf loaded a permitted DOT HAZMAT 30-yard end-dump with the insulation. The load was properly manifested and placarded before departure. The waste was then transported to USE – Beatty, Nevada, an EPA approved TSCA landfill for proper disposal. It was determined during the course of the project that there was additional insulation located in Grinnell, Iowa. Greenleaf de-mobilized from the site to await re-mobilization to Grinnell, Iowa at a later date.

April 18, 2008

Location Two (2) 755 460th Avenue
Grinnell, IA 51057
Contact: Kent Gunderson
641-990-6280

On April 15, 2008, Greenleaf arrived at 755 460th Avenue,Grinnell, IA location and removed insulation from the site. The material was stockpiled near some abandoned van box trailers and debris. Due to the inclement weather in recent weeks, the insulation was saturated and much heavier than the previous load. Greenleaf had to rent a 4wd Bach Hoe from a local vendor to load the material into the truck. During the day, the wind was blowing at approx 20 – 30 mph, making loading difficult. Crew members hand picked up and loaded loose insulation from the property. This material was placed in trash bags and loaded into the truck. Greenleaf loaded a permitted DOT HAZMAT 30-yard end-dump with the insulation. The load was properly manifested and placarded before departure. The waste was then transported to USE – Beatty, Nevada, an EPA approved TSCA landfill for proper disposal. Greenleaf de-mobilized from the site after completion of the work.

Greenleaf took a grab sample of the insulation from the Grinnell site. The sample was tested for Total PCB (SW8082/SW3550A). The results and chain of custody are attached in 6.2 – Attachment B.

2.0 SITE PHOTOS

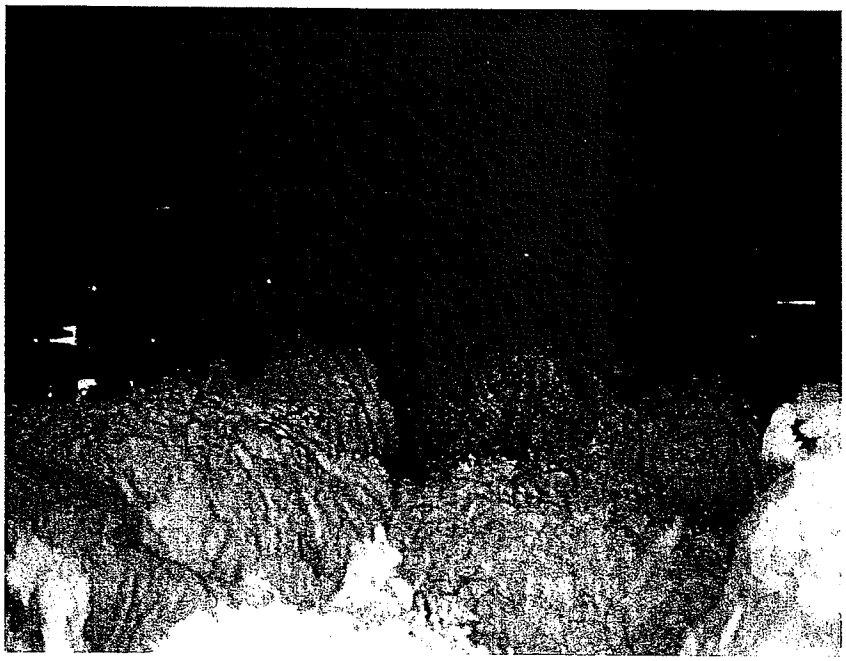


Photo 2.1 Insulation in Barn – 1278 Old Six Road, Malcom IA location

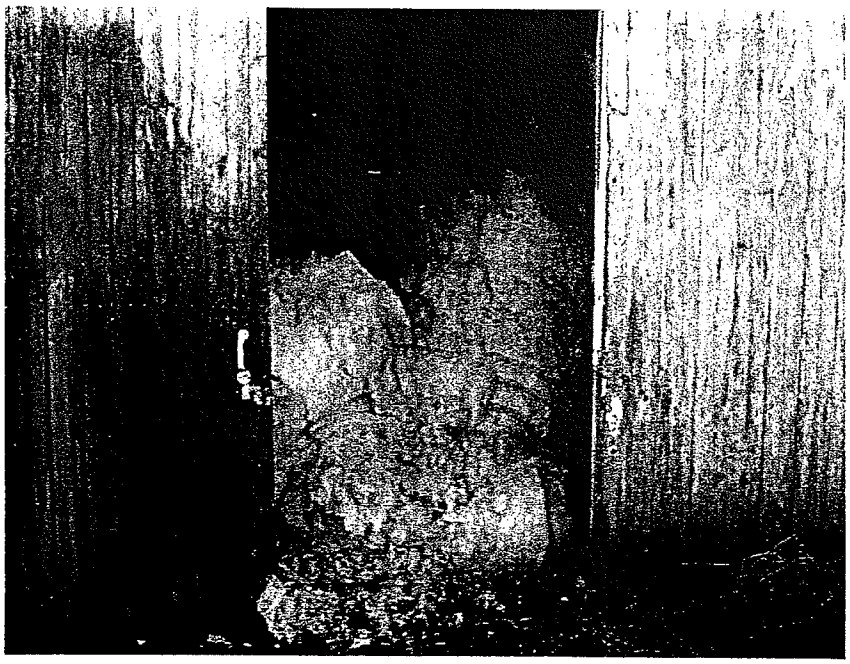


Photo 2.2 Barn Storage of Insulation – Malcom, IA site

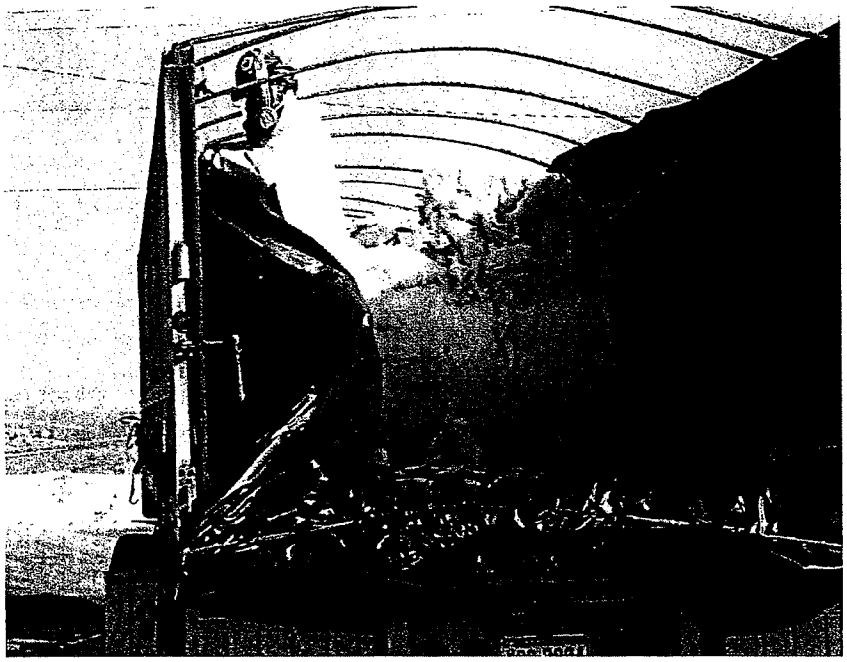


Photo 2.3 Loading Insulation in permitted 30-yd end dump, Greenleaf Technician in PPE

Photo 2.4 Truck leaving Site – 1278 Old Six Road, Malcom, IA

Photo 2.5 Insulation that was installed in bedroom on farm residence.

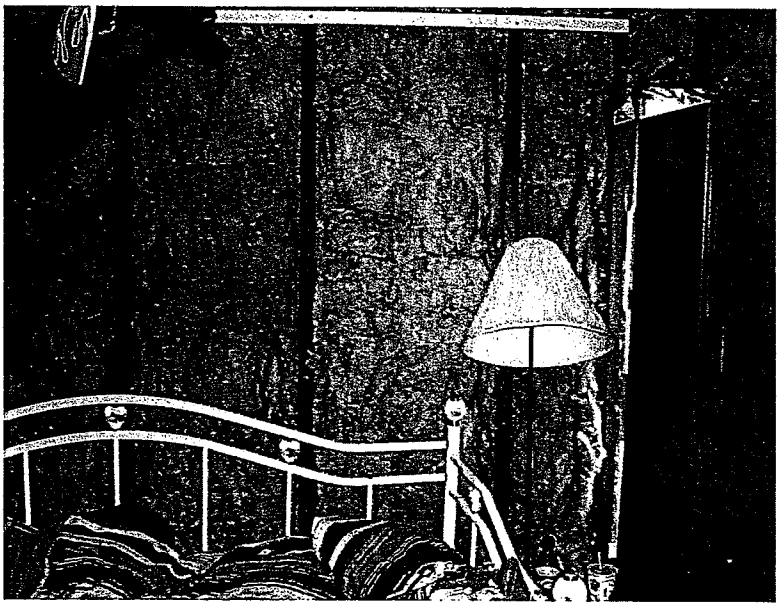


Photo 2.6 Insulation that was installed in bedroom on farm residence.

Photo 2.7 2nd Stockpile – Located 755 460th Avenue, Grinnell, Iowa

Photo 2.8 Insulation at Grinnell, Iowa location

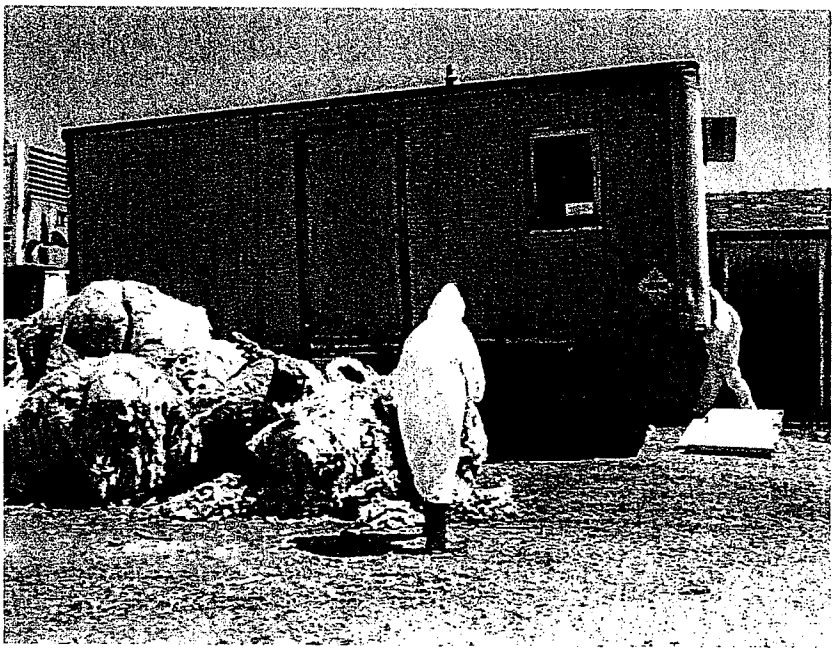


Photo 2.9 OSHA Trained Technicians collecting insulation from site

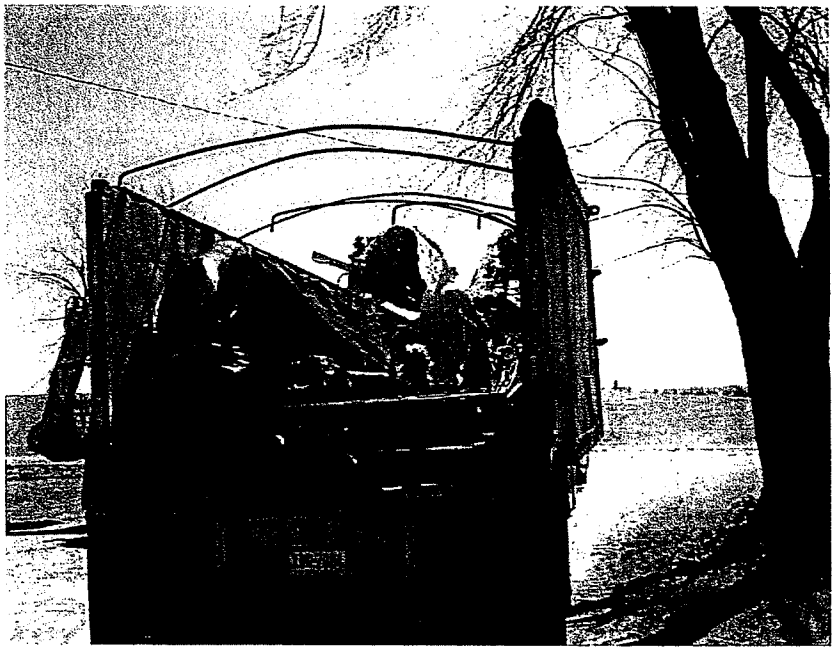


Photo 2.10 Loading Insulation in 30 Yard End Dump

Photo 2.11 Loading Insulation in 30 Yard End Dump – Grinnell, Iowa

Photo 2.12 Loading Insulation – Grinnell, Iowa location

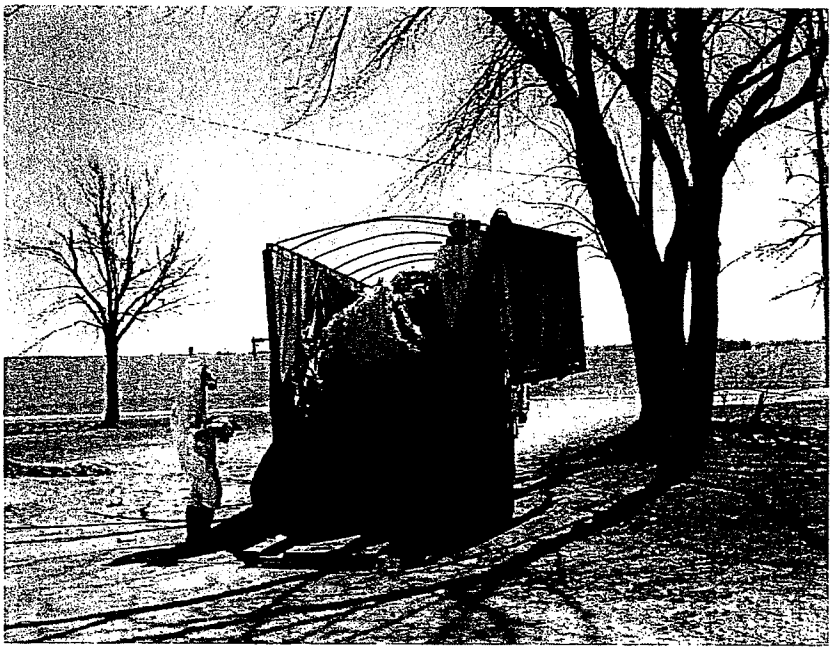


Photo 2.13 Technicians hand loading Insulation onto truck

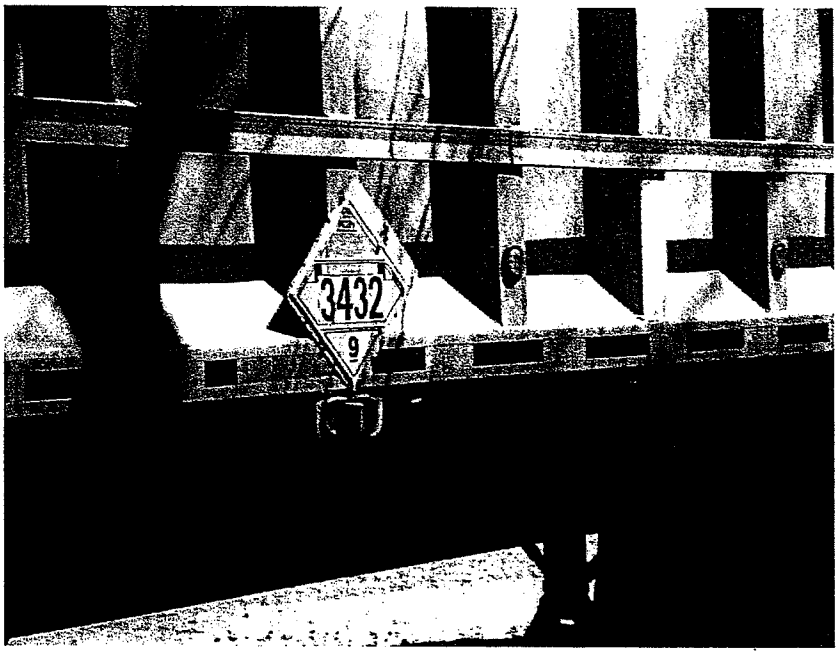


Photo 2.14 Placarded Load

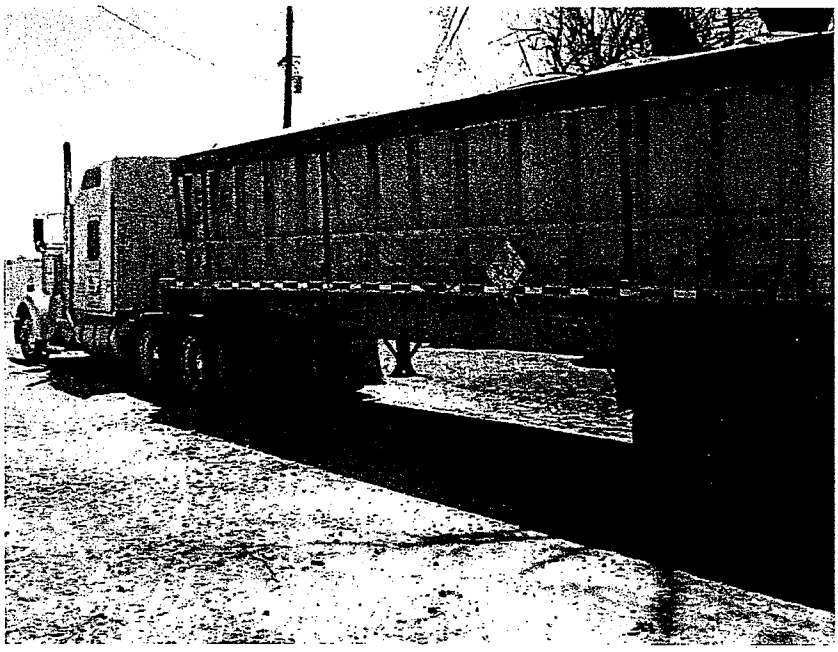


Photo 2.15 Ready and Loaded for proper DOT shipment

3.0 LOAD VOLUMES

PCB Insulation

Manifest Doc #	Load Date	Volume	Tonnage
003005831JJK	3-20-08	30 Cubic Yards	1.40 tons approx. 1272.73 kg
000761487JJK	4-15-08	30 Cubic Yards	2.69 tons approx. 2445.45 kg
Total Loads – 2		CY – 60	Tonnage – 4.09 Approx 3718.18 kg

Per the instruction of Dr. Gazi George, Greenleaf e-mailed a copy of the final manifests and certificates of destruction to these EPA Contacts:

1. Ms. Mary Peterson, US EPA Region VII
   Peterson.mary@epa.gov
   913-551-7882

2. Dr. Jim Dworak, PhD, US EPA Region VII
   Dworak.james@epa.gov
   913-551-7485

4.0 DISPOSAL FACILITIES

PCB Insulation Disposal

US Ecology
Hwy 95, 11 miles S of Beatty
Beatty, NV 89003

CERCLA approved
TSCA approved
US EPA ID# NVT330010000

5.0 CONCLUSIONS

Greenleaf Environmental has successfully removed, transported, and disposed of PCB Insulation per the original scope of work. All work was performed in a professional, expeditious manner. GEG adhered to our strong commitment to safety. All work was done in accordance with all local, state, and federal rules and regulations.

I hereby certify that the information contained in the report is true and accurate and the methods and procedures used to complete this project were conducted in accordance with approved and accepted methods to the best of my ability and knowledge.

Report Preparer Signature

Printed Name:	Jeff Rothwell, CHMM
Title:	Principal
Date:	April 18, 2008

6.1 ATTACHMENT A - MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IAD 980 687 933	1	(515) 710-9654	003005831 JJK

GENERATOR

5. Generator's Name and Mailing Address
DICO
Attn: Legal Dept.
2701 Sprue Street
Quincy, IL 62301
Generator's Phone:

Generator's Site Address (if different than mailing address)
DICO
200 SW 16th Street
Des Moines, IA 50305

6. Transporter 1 Company Name: US Bulk Transport Inc. — U.S. EPA ID Number: PAD 987 347 515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology
Hwy 95 11 miles South of Beatty
Beatty, NV 89003 (800)-239-3943
Facility's Phone: NVT 330 010 000
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. Waste Polychlorinated Biphenyls Solid, 9, UN3432, PG III, ERG #171 Approval # WPQ Ref# 070150234	001	DT	9100 Est.	KG	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: WPQ Ref# 070150234

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gazi George — Signature — Month 03 Day 20 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John W Urquhart — Signature — Month 3 Day 20 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Lamont Walton — Signature — Month 03 Day 24 Year 08

D0401

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Scale Ticket

Phone: 800 239 3943

U.S. ECOLOGY NEVADA, INC.
BEATTY, NV

Scale Ticket #: 82185
Checkin Date: 03/24/2008 **Time:** 07:22

Work Order #: 08032403054
Checkout Date: 03/24/2008 **Time:** 08:37

003005831JJK

Transporter:
U.S. BULK

, PA

EPA ID: PAD987347515

Truck #: 1266 **Tractor #:** **Trailer #:**

Driver: JOHN URGUHART

Customer
GREENLEAF ENVIRONMENTAL GROUP,INC.
4943 AUSTIN PARK AVENUE
BUFORD, GA

GROSS WEIGHT :	**37,060.00**	**LBs**
TARE WEIGHT :	**34,260.00**	**LBs**
NET WEIGHT :	**2,800.00**	**LBs**

D0402

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IAD980687933
2. Page 1 of: 1
3. Emergency Response Phone: 515-710-9654
4. Manifest Tracking Number: 000761487 JJK

GENERATOR

5. Generator's Name and Mailing Address: DICO
Attn: Legal Dept. 2701 Spruce Street
Quincy, IL 62301
Generator's Phone: 515-710-9654

Generator's Site Address (if different than mailing address): DICO
200 SW 16th Street
Des Moines IA 50305
U.S. EPA ID Number:

6. Transporter 1 Company Name: US Bulk Transport, Inc
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology
HWY 95 11 Miles South of Beatty
Beatty NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. Waste Polychlorinated Biphenyls, Solid, 9, UN3432, PGIII, ERG#171 Approval#WPQ	001	DT	Est 2500	KG	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
96.1 30Y
9b.1. Waste PCB Insulation (Source>50ppm)/Non RCRA Waste
Reference:# 070150234

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gazi George
Signature:
Month: 04 Day: 15 Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: John W Urquhart
Signature:
Month: 4 Day: 15 Year: 08
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number:

18b. Alternate Facility (or Generator)
Facility's Phone:
Month: Day: Year:
18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: N. Cathcart
Signature:
Month: 4 Day: 17 Year: 08

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

D0403

Scale Ticket

Phone: 800 239 3943

U.S. ECOLOGY NEVADA, INC.
BEATTY, NV

Scale Ticket #: 84981
Checkin Date: 04/17/2008 **Time:** 09:03

Work Order #: 08041704270
Checkout Date: 04/17/2008 **Time:** 09:32

000761487JJK

Transporter:
U.S. BULK

, PA
EPA ID: PAD987347515

Truck #: 1266 **Tractor #:** **Trailer #:**

Driver: JOHN U.

Customer
GREENLEAF ENVIRONMENTAL GROUP,INC.
4943 AUSTIN PARK AVENUE
BUFORD, GA

GROSS WEIGHT :	**39,000.00**	**LBs**
TARE WEIGHT :	**33,620.00**	**LBs**
NET WEIGHT :	**5,380.00**	**LBs**

D0404

6.2 ATTACHMENT B – ANALYTICAL & CHAIN OF CUSTODY

ENCLOSED

(1) Original Analytical	1/31/2008
(2) Sample – Grinnell, IA	4/15/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
704 Enterprise Drive Cedar Falls, IA 50613 * 800-750-2401 * Fax 319-277-2425

February 04, 2008

Client:
DICO, Inc.
200 SW 16th Street
Des Moines, IA 50309

Attn: Cheri Holley

Work Order: CRA1276
Project Name: Analytical Testing
Project Number: DICO, Inc.-Insulation #1

Date Received: 01/31/08

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

If you have any questions relating to this analytical report please contact your Laboratory Project Manager at 1-(800)750-2401

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Insulation #1	CRA1276-01	01/30/08 11:45

NELAC states that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Please refer to the Temperature and Sample Receipt form that is included with this report for additional information regarding the condition of samples at the time of receipt by the laboratory.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.
Iowa Certification Number: 007

TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample analyzed.

Approved By:

Angela Miller

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

D0406

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
704 Enterprise Drive Cedar Falls, IA 50613 * 800-750-2401 * Fax 319-277-2425

DICO, Inc.
200 SW 16th Street
Des Moines, IA 50309
Cheri Holley

Work Order: CRA1276
Project: Analytical Testing
Project Number: DICO, Inc.-Insulation #1

Received: 01/31/08
Reported: 02/04/08 16:22

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quan. Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: CRA1276-01 (Insulation #1 - Misc. Solid)					**Sampled: 01/30/08 11:45**		**Recvd: 01/31/08 09:45**		
Organochlorine Pesticides/PCBs									
PCB-1016	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
PCB-1221	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
PCB-1232	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
PCB-1242	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
PCB-1248	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
PCB-1254	1.18		mg/kg wet	0.735	14.7	02/04/08 14:53	slt	8020025	SW 8082
PCB-1260	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
PCB-1268	<0.735		mg/kg wet	0.735	14.7	02/04/08 14:00	slt	8020025	SW 8082
Surr: Decachlorobiphenyl (59-140%)	*95 %*								
Surr: Tetrachloro-meta-xylene (46-136%)	*46 %*								

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

D0407

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
704 Enterprise Drive Cedar Falls, IA 50613 * 800-750-2401 * Fax 319-277-2425

DICO, Inc.
200 SW 16th Street
Des Moines, IA 50309
Cheri Holley

Work Order: CRA1276
Project: Analytical Testing
Project Number: DICO, Inc.-Insulation #1

Received: 01/31/08
Reported: 02/04/08 16:22

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Organochlorine Pesticides/PCBs							
SW 8082	8020025	CRA1276-01	2	10	02/01/08 10:54	TJT	SW 3550B GC
SW 8082	8020025	CRA1276-01RE1	2	10	02/01/08 10:54	TJT	SW 3550B GC

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
704 Enterprise Drive Cedar Falls, IA 50613 * 800-750-2401 * Fax 319-277-2425

DICO, Inc.
200 SW 16th Street
Des Moines, IA 50309
Cheri Holley

Work Order: CRA1276
Project: Analytical Testing
Project Number: DICO, Inc.-Insulation #1

Received: 01/31/08
Reported: 02/04/08 16:22

CERTIFICATION SUMMARY

TestAmerica Cedar Falls

Method	Matrix	Nelac	Iowa
SW 8082	Solid/Soil	X	X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) and are sampled in accordance with TA-CF SOP CF09-01.

DATA QUALIFIERS AND DEFINITIONS

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

TestAmerica Cedar Falls
Angie Miller
Project Coordinator

D0409

TestAmerica
ANALYTICAL TESTING CORPORATION

Cedar Falls Division
704 Enterprise Drive
Cedar Falls, IA 50613

Phone 319-277-2401 or 800-750-2401
Fax 319-277-2425

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: DICO Inc. Client #: _____
Address: 200 SW 16th Street
City/State/Zip Code: Des Moines, IA 50309
Project Manager: Cheri Holley, General Counsel
Telephone Number: 217-221-4715 Fax: 217-228-3040
Sampler Name: (Print Name) Brian Mills
Sampler Signature: Brian Mills
Email Address: _____

Project Name: _____
Project #: _____
Site/Location ID: _____ State: _____
Report To: Cheri Holley
Invoice To: _____
Quote #: _____ PO#: _____

TAT
___ Standard
X Rush (surcharges may apply)
Date Needed: 2/4/08
Fax Results: (Y) N
Email Results: Y (N)

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: DW - Drinking Water, GW - Groundwater, WW - Wastewater, S - Soil/Solid, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: Total PCB	QC Deliverables	REMARKS
Insulation #1	1/30/08	11:45	G	N							1		1	None / Level 2 (Batch QC) / Level 3 / Level 4 / Other:	

Special Instructions:

LABORATORY COMMENTS:

Relinquished By: Brian Mills	Date: 1/30/08	Time: 14:00	Received By: Melissa Fossa	Date: 1/31/08	Time: 945
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Page 1 of 1

D0410

TestAmerica
ANALYTICAL TESTING CORPORATION 704 ENTERPRISE DRIVE • CEDAR FALLS, IA 50613 • 800-750-2401 • 319-277-2425 FAX

DICO Inc.

Sample Receipt and Temperature Log Form

Client: Titan Tire Project: _____

City: _____

Date: 1-31-08 Receiver's Initials: CH Time (Delivered): 9:45

Temperature Record:

Cooler ID# (If Applicable)
ESC

_____ °C / On Ice (NO)

☐ Temp Blank (NO)

☐ Temperature out of compliance

Thermometer:

- ☐ IR - 61997670 'A'
- ☐ IR - 61997671 'B'
- ☐ IR - 61854108
- ☐ 22126775

Courier:

- ☐ UPS
- ☐ TA Courier
- ☒ FedEx
- ☐ TA Field Services
- ☐ DHL
- ☐ Client
- ☐ US Postal Service
- ☐ Other
- ☐ Spee-Dee

Custody seals present?
☒ Yes

Custody seals intact?
☒ Yes ☐ No

☐ Non-Conformance report started

Exceptions Noted

- ☐ Sample(s) not received in a cooler.
- ☐ Samples(s) received same day of sampling.
- ☐ Evidence of a chilling process
- ☐ Temperature not taken:

_____

*Refer to SOP CF01-01 for Temperature Criteria

H:\QA Folder\QA Forms & Log Book pgs\Cooler Receipt rev11.doc

Analytical Environmental Services, Inc.

Date: *30-Apr-08*

CLIENT:	Greenleaf Environmental	**Client Sample ID:**	INSULATION-002-GRINNELL
Lab Order:	0804H40	**Tag Number:**	
Project:	Dico-Grinnell	**Collection Date:**	4/15/2008 2:00:00 PM
Lab ID:	0804H40-001A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	BatchID	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS		**SW8082**			**(SW3550A)**		Analyst: **MM**
Aroclor 1016	BRL	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Aroclor 1221	BRL	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Aroclor 1232	BRL	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Aroclor 1242	BRL	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Aroclor 1248	570	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Aroclor 1254	BRL	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Aroclor 1260	BRL	43		µg/Kg	98921	1	4/29/2008 10:31:00 PM
Surr: Decachlorobiphenyl	56.6	35.5-146		%REC	98921	1	4/29/2008 10:31:00 PM
Surr: Tetrachloro-m-xylene	55.8	31-142		%REC	98921	1	4/29/2008 10:31:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit
	N	Analyte not NELAC certified	Rpt Lim	Reporting Limit
	S	Spike Recovery outside limits due to matrix		

D0413

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway,, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: _____

Date: 4/28/08 Page 1 of 1

COMPANY: Greenleaf Environmental	ADDRESS: 4943 Austin Park Ave Buford, GA 30518
PHONE: (678) 714-8420	FAX: (678) 714-8425
SAMPLED BY:: Tom Folley, Greenleaf	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total PCB	No # of Containers
1	Insulation - 002 - Gornell	4/15/08	2:00pm	X			X	1
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

ANALYSIS REQUESTED

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	4/28/08 11:45 am	1: Mark Lee	4/28/8 11:45 pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Dicey Inc

PROJECT #:

SITE ADDRESS: 200 SW 16th St, Des Moines, IA

SEND REPORT TO: Jeff Rothwell, CHMM

INVOICE TO: (IF DIFFERENT FROM ABOVE) (Same)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N: Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER_____

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

6.3 ATTACHMENT C – PROFILE

USEcology
an American Ecology company

☑ US Ecology Nevada (Beatty) Fax (775) 553-2125 ☐ US Ecology Texas (Robstown) Fax (361) 387-0794 Profile #: _____
☐ US Ecology Idaho (Grand View) Fax (208) 834-2919

A. CUSTOMER INFORMATION

*Waste as shipped will be : ☑ Industrial ☐ NON - Industrial *(Texas customers only)*

Generator: DICO
Facility Address : 200 SW 16th Street
(No PO Box)
Mailing Address
City/State/Zip: Des Moines, IA 50305
Technical Contact: Gazi George,PhD, CHMM Consultant/ Titan International
Phone: (515)710-9654 Fax: (217)228-3040

☐ Check if Billing Is Same
Billing Company: Greenleaf Environmental Group,Inc.
Billing Address: 4943 Austin Park Avenue
City/State/Zip: Buford, GA30518
Billing Contact: Jeff Rothwell, CHMM
Phone No.: 678-714-8420 Fax No.: 678-714-8425
Email: jrothwell@greenleafgroup.net

NAICS# _____ ☐ CESQG ☑ SQG ☐ LQG EPA ID: IAD980687933 State ID# _____

B. SHIPPING INFORMATION

1. US DOT Shipping Name: Polychlorinated Biphenyls,Solid 2. Hazard Class: 9
3. UN/NA #: 3432 4. Packaging Group: II 5. RQ: _____
6. Container Type: ☑ Bulk ☐ Totes ☐ Pallet Size: 30 Yards 7. Frequency: ☐ Year ☐ QTR ☐ Month
☐ Boxes ☐ Bags ☐ Drums ☐ Other _____ Quantity _____ ☑ 1 Time ☐ Other _____

C. GENERAL MATERIAL & REGULATORY INFORMATION

1. Common name for this waste: Insulation Material contaminated with PCBs
2. Process generating the material: Contaminated insulation with PCBs from removal project, EPA Region 7
(include additional sheets as necessary)
3. Describe Physical Appearance of Waste: Characteristic, Old Pink/ Yellow fiberglass insulation with paperbacking glued
4. Describe odor of waste: ☑ None ☐ Slight ☐ Strong Describe: _____
5. Knowledge is from: ☑ Lab Analysis ☐ MSDS ☐ Process/Generator knowledge ☐ Other (specify) _____

☑ Yes ☐ No Is the material <500 PPMW VOC as generated
☐ Yes ☑ No Is the waste restricted under EPA Land Disposal Restrictions (40 CFR 268), if yes please complete LDR form
☐ Yes ☑ No Waste Subject to Benzene NESHAP regulations
☐ Yes ☑ No State waste codes
* LDR treatment sub-catergory ☐ Wastewater ☑ Non-wastewater
☑ Yes ☐ No CERCLA Regulated (Superfund) Waste
☐ Yes ☑ No Exempt Waste: If yes, list ref. 40 CFR _____
☐ Yes ☑ No EPA Haz. Waste (list codes)
☐ Yes ☑ No Contains UHCs/Constituents of Concern: List in section D
☐ Yes ☑ No Has the waste been treated after the initial point of generation?
☐ Yes ☑ No Subpart XX
☐ Yes ☑ No Alternative standards for Soil ?
Source Code G _____ Form Code W _____ Mgt. Method H _____

D. MATERIAL COMPOSITION (Physical/Chemical)

(Range Total > or = 100%) Values are ☐ TCLP ☑ TOTALS
(include additional sheets as necessary)

	typical value	unit	range
Fiberglass Insulation			0-80
Adhesive/Caulk			0-10
Paper backing			0-10

E. Does the waste exhibit or contain the following:

☐ Yes ☑ No Oxidizer
☐ Yes ☑ No Explosive
☐ Yes ☑ No Organic Peroxide
☐ Yes ☑ No Shock Sensitive
☐ Yes ☑ No Tires
☐ Yes ☑ No Pyrophoric
☐ Yes ☑ No Radioactive**
☐ Yes ☑ No Exempt RAD**
☐ Yes ☑ No Halogenated Organic Compounds? (per 40 CFR 268, Appendix III)
☐ Yes ☑ No React. Sulfides _____ ppm
☐ Yes ☑ No React. Cyanides _____ ppm
☐ Yes ☑ No Water/Air (Pyrophoric) React.
☑ Yes ☐ No Thermally Unstable
☑ Yes ☐ No TSCA Regulated PCB Waste
☐ Yes ☑ No Regulated Medical/Infectious Waste
☐ Yes ☑ No Compressed Gasses
**Additional Radiological info is provided in USEI's WAC Addendum

F. PHYSICAL CHARACTERISTICS

1. Flash Po: N/A °F (if <140°F) 2. Typical pH: _____ pH Range: ☐ ≤2
☐ Yes ☑ No Possibility of incidental liquids from transportation? ☑ >2, <12.50
☑ Yes ☐ No Does waste pass the EPA specified paint filter test? ☐ ≥12.5

G. GENERATOR'S CERTIFICATION:

☑ Yes ☐ No **I certify this material may be disposed of without further treatment.**

Certification Statement: I certify under penalty of law that I am familiar with this waste stream through analysis and/or process knowledge, and that all information provided is true, accurate, representitive and complete, and that all known or suspected hazards have been disclosed. Furthermore, I certify that this form was completed in accordance with the instructions provided.

Print Name: Dr Gazi George, CHMM
Signature: [signature] Title: Authorized Consultant Date: 2/28/2008

Facility use only
First review _____ Second review _____ Final review: _____
Date approved: _____ Date Denied: _____

D0415

American Ecology Corporation Land Disposal Restriction Form

Generator: DICO EPA I.D. Number: _____

Waste Stream Number: _____ Manifest # (with shipment): _____

Waste is a: ☐ Wastewater ☐ Non-Wastewater ☐ Debris

EPA WASTE CODE(S)	Sub Category	**For Debris** - Contaminants subject to Treatment

Check if the waste is one of the following:
☐ D001 - D043 Complete Attachment 2 (UHC list)
☐ F001 - F005 Complete Attachment 3A (Spent Solvent)
☐ F039 Complete Attachment 3B (Leachate)

If treatment standards are expressed as a specific technology then list the 5 letter treatment code(s): _____ _____ _____ _____

A. ☐ **Restricted Waste Meets Treatment Standards (40 CFR 268.7(a) (3))**
The restricted waste identified above meets the treatment standards in 40 CFR 268.40 or Alturnitive LDR treatment standards for contaminated soil 40CFR268.49 and can be landfill disposed without further treatment. I have attached all supporting analytical data, where available.
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B. ☐ **Restricted Waste Treated To Treatment Standards (40 CFR 268.7(b) (l) & 268.7 (b) (2))**
The treatment residue, or extract of such residue, or the restricted waste identified above has been tested to assure that the treatment residues or extract meet all applicable treatment standards in 40 CFR 268.40 and/or performance standards in 40 CFR 268.45. I have attached all supporting analytical data, where available.
I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

C. ☐ **Restricted Waste With Technology Based Treatment Standards (40 CFR 268.7(b) (4))**
I certify under penalty of law that I personally have examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that based on my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40, without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

D. ☐ **Resticted Waste Decharacterized But Requires Treatment For UHC (40 CFR 268.9)**
I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains Underlying Hazardous Constituents (UHC) that require further treatment to meet the universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
Complete LDR Attachment 2 for UHC.

E. ☐ **Restricted Waste Subject To Treatment (40 CFR 268.7(a) (2))**
The restricted waste identified above must be treated to the applicable treatment standards in 40 CFR 268.40, or treated to comply with applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d). I have attached all supporting analytical data, where available.

F. ☐ **Hazardous Debris Subject To Treatment (40 CFR 268.45)**
This hazardous debris identified above must be treated to the alternative treatment standards in 40 CFR 268.45.

G. ☐ **Restricted Waste Subject To A Variance or Extension (40 CFR 268.7(a) (4))**
This restricted waste identified above is subject to a case by case exemption under 40 CFR 268.5, an exemption under 40 CFR 268.6 or a nationwide capacity variance under Subpart C of 40 CFR 268, and is not prohibited from land disposal. LDR prohibitions become effective on _____ (date) for this restricted waste. The corresponding treatment standard(s) are promulgated in 40 CFR 268.40. I have attached all supporting analytical data, where available.

H. ☐ **Restricted Waste Managed In A "Lab Pack" (40 CFR 268.7(a) (9))**
I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only waste that have been excluded under appendix IV to 40 CFR Part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

I certify and warrant that the information that appears on this form, and appended documents, is true and correct. I have correctly indicated how my waste is to be managed in accordance with 40 CFR 268. My certification is based on personal examination of the information submitted, or is based on my inquiries of those individuals responsible for obtaining the information.

Authorized Signature [signature] Ph.D., CHMM Title Authorized Consultant Date 3/6/2008

D0416

Attachment 1

VOLATILE ORGANICS RULE - 40 CFR 264/265 SUBPART CC

WASTE DETERMINATION - VOLATILE ORGANIC CONCENTRATION

Generator Name: DICO EPA ID #: _____
Waste Stream Number _____

Waste Determination Method:

☐ Direct Measurement: Samples must be collected in accordance with SW-846 Methods, 25D in 40 CFR Part 60.
Volatile Organic Concentration: _____ _ppmw

☐ Knowledge of the Waste

☐ As documented on WDI the chemical composition contains no volatile organics in the process generating the waste.

☐ Volatile Organic Constituent concentration is <500 ppm. Analytical is attached.

☐ Volatile Organic constituents of the waste are below LDR treatment standards.

☐ Test data that provide speciation analysis results for the waste that are still applicable to the current waste management practices and from which the total concentration of organics in the waste can be computed. Provide documentation describing testing protocol and the procedures followed to ensure testing of a representative sample is attached.

I certify that the volatile organic concentration of the waste material offered for treatment, storage or disposal is less than 500 ppmw, as determined in accordance to the procedures described above. I further certify and warrant that all statements and documentation supporting the waste determination are true and correct.

Authorized Signature _____ **Ph.D., CHMM** **Title** Authorized Consultant **Date** 3/6/2008

Attachment 2
Constituent List for Underlying Hazardous Constituents

Generator Name: DICO EPA ID #: _____

Waste Stream Number _____

Check all hazardous constituent which are expected to be present or check ☐ that none are present.

☐ A2213	☐ Chlorodibromomethane	☐ 2,4-Dinitrotoluene	☐ 3-Methylcholanthrene	☐ Safrole
☐ Acenaphthene	☐ Chloroethane	☐ 2,6-Dinitrotoluene	☐ Methylene Chloride	☐ Silvex
☐ Acenaphthylene	☐ bis-(2-Chloroethoxy) methane	☐ Di-n-octyl phthalate	☐ 4,4-Methylene-bis	☐ 2,4,5-T
☐ Acetone	☐ bis-(2-Chloroethyl) ether	☐ Di-n-propyl nitrosoamine	☐ (2-chloroaniline)	☐ 1,2,4,5-Tetrachlorobenzene
☐ Acetonitrile	☐ Chlorform	☐ p-Dimethylaminoazobenzene	☐ Methyl Ethyl Ketone	☐ Tetrachlordibenzofurans
☐ Acetophenone	☐ bis(2-Chloroisopropyl) ether	☐ Diphenylamine	☐ MIBK	☐ Tetrachlorodibenzo-p-dioxans
☐ 2-Acetylaminofluorene	☐ p-Chloro-m-cresol	☐ 1,2 Diphenylhydrazine	☐ Methyl Methacrylate	☐ 1,1,1,2-Tetrachloroethane
☐ Acrolein	☐ Chloromethane	☐ Diphenylnitrosamine	☐ Methyl Methanesulfonate	☐ 1,1,2,2-Tetrachloroethane
☐ Acrylamide	☐ 2-Chloronaphthalene	☐ 1,4-Dioxane	☐ Methyl Parathion	☐ Tetrachloroethylene
☐ Aldicarb Sulfone	☐ 2-Chlorophenol	☐ Disulfoton	☐ Metoicarb	☐ 2,3,4,6-Tetrachlorophenol
☐ Acrylonitrile	☐ 3-Chloropropylene	☐ Dithiocarbamate	☐ Mexacarbate	☐ Thiodicarb
☐ Aldrin	☐ Chrysene	☐ Endosulfan I	☐ Molinate	☐ Thiophanate-methyl
☐ 4-Aminobiphenyl	☐ o-Cresol	☐ Endosulfan II	☐ Naphthalene	☐ Tirpate
☐ Aniline	☐ m-Cresol	☐ Endosulfan Sulfate	☐ 2-Naphthylamine	☐ Toluene
☐ Anthracene	☐ p-Cresol	☐ Endrin	☐ o-Nitroaniline	☐ Toxaphene
☐ Aramite	☐ m-Cumenyl Methylcarbamate	☐ Edrin Aldehyde	☐ p-Nitroaniline	☐ Triallate
☐ alpha-BHC	☐ Cycloate	☐ EPTC	☐ Nitrobenzene	☐ 1,2,4-Trichlorobenzene
☐ beta-BHC	☐ Cyclohexanone	☐ Ethyl Acetate	☐ 5-Nitro-o-toluidine	☐ 1,1,1-Trichloroethane
☐ delta-BHC	☐ 1,2 Dibromo-3-chloropropane	☐ Ethyl Cyanide	☐ o-Nitrophenol	☐ 1,1,2-Trichloroethane
☐ gamma-BHC	☐ Ethylene Dibromide	☐ Ethyl Benzene	☐ p-Nitrophenol	☐ Trichloroethylene
☐ Barban	☐ Dibromomethane	☐ Ethyl Ether	☐ N-Nitrosodiethylamine	☐ Trichloromonofluoromethane
☐ Bendiocarb	☐ 2,4-Dichlorophenoxyacetic acid	☐ bis (2-ethylhexyl)phthalate	☐ N-Nitrosodimethylamine	☐ 2,4,5-Trichlorophenol
☐ Bendiocarb Phenol	☐ o,p-DDD	☐ Ethyl Methacrylate	☐ N-Nitrosodi-n-butylamine	☐ 2,4,6-Trichlorophenol
☐ Benomyl	☐ o,p-DDE	☐ Ethylene oxide	☐ N-Nitrosomethylethylamine	☐ 1,2,3-Trichloropropane
☐ Benzene	☐ o,p-DDT	☐ Famphur	☐ N-Nitrosomorpholine	☐ 1,1,2-Trichloro-2,2,2 trifluoroethane
☐ Benz(a) Anthracene	☐ p,p-DDD	☐ Fluoranthene	☐ N-Nitrosopyrroidine	☐ Triethylamine
☐ Benzal Chloride	☐ p,p-DDE	☐ Fluorene	☐ N-Nitrosopiperidine	☐ Tris (2,3-Dibromopropyl) phosphate
☐ Benzo(b) Fluoranthene	☐ p,p-DDT	☐ Formetanate HCL	☐ Oxamyl	☐ Vernolate
☐ Benzo(k) Fluoranthene	☐ Dibenz(a,h)anthracene	☐ Formparanate	☐ Parathion	☐ Vinyl Chloride
☐ Benzo (g,h,i) Perylene	☐ Dibenzo(a,e)pyrene	☐ Heptachlor	☐ PCB (Total)	☐ Xylene(s)
☐ Benzo(a) pyrene	☐ m-Dichlorobenzene	☐ Heptachlor Epoxide	☐ Pebulate	☐ Antimony
☐ Bromodichloromethane	☐ o-Dichlorobenzene	☐ Hexachlorobenzene	☐ Pentachlorobenzene	☐ Arsenic
☐ Bromoform	☐ p-Dichlorobenzene	☐ Hexachlorobutadiene	☐ Pentachlorodibenzo-p-dioxan	☐ Barium
☐ Bromomethane	☐ Dichlorodifluoromethane	☐ Hexachlorocyclopentadiene	☐ Pentachlorodibenzofuran	☐ Beryllium
☐ 4-Bromophenyl phenylether	☐ 1,1-Dichloroethane	☐ Hexachlorodibenzofurans	☐ Pentachloroethane	☐ Cadmium
☐ N-Butyl Alcohol	☐ 1,2-Dichloroethane	☐ Hexachlorodibenzo-p-dioxins	☐ Pentachloronitrobenzene	☐ Chromium (Total)
☐ Butyl benzyl phthalate	☐ 1,1-Dichloroethylene	☐ Hexachloroethane	☐ Pentachlorophenol	☐ Cyanide (Total)
☐ Butylate	☐ trans-1,2-Dichloroethylene	☐ Hexachloropropylene	☐ Phenacetin	☐ Cyanide (Amenable)
☐ 2-sec-Butyl-4,6 dinitro phenol (Dinoseb)	☐ 2,4-Dichlorophenol	☐ Indeno(1,2,3-c,d) pyrene	☐ Phenanthrene	☐ Lead
☐ Carbaryl	☐ 2,6-Dichlorophenol	☐ Iodomethane	☐ Phenol	☐ Mercury(Retort NWW)
☐ Carbenzadim	☐ 1,2-Dichloropropane	☐ 3-Iodo-2-propynyl-n-butylcarbamate	☐ o-Phenylenediamine	☐ Mercury(All Others)
☐ Carbofuran	☐ cis-1,3-Dichloropropylene	☐ Isobutyl alcohol	☐ Phorate	☐ Nickel
☐ Carbofuran Phenol	☐ trans-1,3-Dichloropropylene	☐ Isodrin	☐ Phthalic Acid	☐ Selenium
☐ Carbon Disulfide	☐ Dieldrin	☐ Isolan	☐ Phthalic Anhydride	☐ Silver
☐ Carbon Tetrachloride	☐ Diethyl phthalate	☐ Isosafrole	☐ Physostigmine	☐ Sulfide
☐ Carbosulfan	☐ Diethylene glycol	☐ Kepone	☐ Physostigmine Salicylate	☐ Thallium
☐ Chlordane (alpha & gamma isomers)	☐ 2,4-Dimethyl phenol	☐ Methacrylonitrile	☐ Promecarb	☐ Vanadium
☐ p-Chloroaniline	☐ Dimethyl Phthalate	☐ Methanol	☐ Pronamide	
☐ Chlorobenzene	☐ Dimetilan	☐ Methapyrilene	☐ Propham	
☐ Chlorobenzilate	☐ Di-n-butyl phthalate	☐ Methiocarb	☐ Propoxur	
☐ 2-Chloro-1,3-Butadiene	☐ 1,4-Dinitrobenzene	☐ Methomyl	☐ Prosulfocarb	
	☐ 4,6 Dinitro-o-cresol	☐ Methoxychlor	☐ Pyrene	
	☐ 2,4 Dinitrophenol		☐ Pyridine	

ATTACHMENT 4

BENZENE WASTE OPERATIONS INFORMATION
NESHAPS

1. Type of Facility: ☐ Petroleum Refinery (SIC 2911)
   ☐ Chemical Mfg. (SIC 2800 thru 2899)
   ☐ Coke by-product Recovery Plant (SIC 3312)
   ☐ TSDF Handling benzene from one of the above (SIC 4953)
   ☐ None of the Above - Please do not complete form

2. Water content of waste by weight: ☐ > 10% ☐ < 10%

3. Total Benzene Concentration of the waste _____ ppmw.

4. Facility Total Annual Benzene (TAB) Quantity: ☐ < 1 Mg* ☐ 1 - < 10 Mg ☐ 10 Mg or >

5. If TAB is 10 Mg or greater, is facility operating under a waiver of compliance per 40 CFR Part 61 Subpart FF.

   ☐ YES ☐ NO

6. Waste Stream Name: _____

7. Does waste require control per 40 CFR Part 61 Subpart FF: ☐ YES ☐ NO ☐ EXEMPT
   Explain: _____

8. If subject waste requires control, has this process been completed prior to shipment off-site:
   ☐ YES 99% or greater benzene removal
   ☐ YES treated to < 10 ppmw benzene
   ☐ NO requires control prior to disposal – A signed copy of this document must accompany each manifested shipment which requires NESHAP treatment and control.

PLEASE NOTE THAT, EVEN THOUGH AS A GENERATOR YOU MAY BE EXEMPT FROM SOME BENZENE NESHAP REQUIREMENT, A TSDF THAT SUBSEQUENTLY RECEIVES YOUR WASTE MAY BE AFFECTED.

I certify and warrant that the above noted information concerning the waste material offered for disposal is true and correct.

Signature: _____ Company Name: DICO

Printed Name: Gazi George, Ph.D., CHMM Date: 3/6/2008

*Megagram (1 Megagram = 1,000 kilogram, 1,000,000 grams or 2204 pounds)

D0419

Attachment 3

Generator Name: DICO EPA ID #: _____
Waste Stream Number _____

Section A: F001 - F005 (Spent Solvents)
Check the appropriate box(es) and circle the individual constituents which are likely to be present.

☐ F001 - Spent Halogenated Solvents used in Degreasing
Carbon Tetrachloride
Methylene Chloride
Tetrachloroethlyene
1,1,1-Trichloroethane
Trichloroethylene
1,1,2-Trichloro-1,2,2-Trifluoroethane
Trichloromonofluoromethane

☐ F002 - Spent Halogenated Solvents
Chlorobenzene
o-Dichlorobenzene
Methylene Chloride
Tetrachloroethlyene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethlyene
1,1,2-Trichloro-1,2,2-Trifluoroethane
Trichloromonofluoromethane

☐ F003 - Spent Non-Halogenated Solvents
Acetone
n-Butyl Alcohol
Cyclohexanone
Ethyl Benzene
Ethyl Ether
Methanol
Methyl Isobutyl Ketone
Xylenes(Total)

☐ F004 -Spent Non-Halogenated Solvents
Chlorobenzene
o-Cresol
Nitrobenzene

☐ F005 - Spent Non-Halogenated Solvents
Benzene
Carbon Disulfide
2-Ethoxyethanol
Isobutyl Alcohol
Methyl Ethyl Ketone
2-Nitropropane
Pyridine
Toluene

Section B: F039 (Leachate)

Indicated by checking the appropriate box below, if your waste meet treatment standards for all constituents, if your waste needs treatment for a partial list of the F039 constituents or if your waste needs treatment for the entire list of the F039 constituents. Using Attachment 2, circle the individual constituent which are likely to be present in the waste. If all constituents meet treatment standards or if all constituents will be treated or monitored, please check below in lieu of circling all constituents on Attachment 2.

☐ All F039 constituents meet treatment standards.

☐ Constituents circled on Attachment 2 are the only constituents present which need to be treated or monitored.

☐ All F039 constituents need to be treated or monitored.

6.4 ATTACHMENT D – HEALTH & SAFETY PLAN (HASP)

A. GENERAL:

SITE NAME: Beck Farm

LOCATION: 1278 Old 6 Rd., Malcolm, IA 50157

PROJECT NAME: Insulation Load-Out PROJECT NO: 020807

PREPARED BY (Name): David Wheeler, CHMM

PREPARED BY (Signature): _____ DATE: 03/13/08

B. PROJECT OBJECTIVES:

Load old insulation onto a 28-YD dump trailer, complete paperwork.

C. PROJECT ORGANIZATION:

PROJECT MANAGER: David Wheeler

SITE SUPERINTENDENT: Tom Folley

SITE SAFETY OFFICER: Tom Folley

CLIENT CONTACT: Gazi George

REGULATORY AGENCY CONTACTS: None

SUBCONTRACTORS: Hydro Clean

D. SITE DESCRIPTION: (attach map if available)

Site is a rural farm located NW of Malcolm, Iowa.

E. SITE SECURITY & CONTROLS

Site is private property.

F. HAZARD EVALUATION:

Physical Hazards	Chemical Hazards	Other Hazards
[] Heat Stress [ ] Flammable	[ ] Radioactive	
[X] Cold Stress	[ ] Corrosive	[ ] Pathogenic
[X] Noise	[X] Toxic	[ ] Confined Space
[X] Heavy Equip.	[ ] Reactive	[ ] Asbestos
[ ] Drum Handling	[ ] Unknown	[ ] Other (snake,insects)
[ ] Other (specify)	[ ] Other (specify)	[X] Slip/Trip/Fall
[ ] _____	[X] Fiberglass particulates	

Waste Types: [] Liquid [X] Solid [ ] Semi-Solid [ ] Gas Unknown

Known or Suspected Substances	PEL/TLV	Exposure Routes
PCBs CAS 11097-69-1	TWA 0.5 mg/m^3 [skin]	Sk, Ey, Ih, Ig
Fiberglass	**OSHA PEL**: TWA 15 mg/m^3	Sk, Ey, Ih, Ig

*Sk =skin, Ey = eyes, Ih = Inhalation, Ig = Ingestion, Un=Unknown

The NIOSH Pocket Guide for PCBs and Fiberglass are provided in Attachment A. While present on site, chemical exposures are not anticipated in the execution of the scope of work.

G. (Task/Activity #1 Backfill/Compact/Asphalt) PERSONAL PROTECTIVE EQUIPMENT:

Task/Activity:

Load fiberglass onto truck.

Protective Equipment:

Clothing

[ ] Encapsulating Suit

[ ] Splash Suit

[ ] Saranex Coverall

[ ] Polytyvek Coverall

[X] Tyvek Coverall

[ ] Nomex Coverall

[ ] Other _____

Respiratory

[ ] Not Needed

[ ] SCBA

[ ] Airline

[X] Full-Face APR w/cartridge **OR**

[X] Half-Face APR w/cartridge

[ ] Escape mask

[X] Cartridge P95 or P100

Head/Eye

[ ] Not Needed

[X] Safety Glasses (if half face)

[ ] Goggles

[ ] Face Shield

[X] Hard Hat

[ ] Other

Hearing Protection

[X] Not Needed

[ ] Ear Plugs

[ ] Ear Muffs

[ ] Other

Gloves/Boots

[ ] Not Needed

[X] **Inner Glove** -latex

[X] **Outer glove** – Work Glove

[X] **Boots** –Steel Toe

[ ] **Overboots** -_____

H. NATURAL TOXINS: Work on site may involve disturbing areas that are natural habitats to spiders, snakes and species of poisonous plants. All care should be taken to avoid exposure to these natural hazards if encountered, including:

- Wear shoes and heavy pants when walking and hiking in areas where snakes, spiders and ticks are likely found.
- Do not reach into rocky cracks, under logs, or large rocks.
- Do not get near or tease a snake.
- Wash hands and exposed arms at break times.

I. TRAINING & MEDICAL MONITORING: All personnel performing site work are required to have 40-Hr OSHA HAZWOPER training and a current 8-hr OSHA Annual Refresher Training. Above personnel must participate in a medical monitoring program that consists of, at a minimum, a baseline, annual and exit physical. OSHA Training records for all site workers will be kept in the project office.

J. DECONTAMINATION: Decontamination for this project will consist primarily of dry decontamination. The procedure is outlined below:

PERSONNNEL:

1. Brush off dirt, mud, briars and burrs.
2. Remove booties & outer gloves,
3. Remove tyvek suite and inner gloves,
4. Bag all PPE and load onto truck,
5. Wash hands with soap and water.

EQUIPMENT:

1. None

K. EMERGENCY RESPONSE:

First Aid: First Aid kit and fire extinguisher are located in the site trailer.

		Phone Number
Hospital:		911
Grinnell Regional Med Ctr	Address: 310 4th Ave, Grinnell, IA 50112	
	Phone: (641) 236-7433	
Ambulance:		911
Fire Department:		911

A map and directions to the hospital are provided as Attachment B.

L. Health and Safety Plan Acknowledgement:

NAME	SIGNATURE
Tom Folley	Tom Folley
Travis Head	
Levi Hiller	L Hill

September 2005

NIOSH Pocket Guide to Chemical Hazards

NPG Home | Introduction | Synonyms & Trade Names | Chemical Names | CAS Numbers | RTECS Numbers | Appendices | Search

Chlorodiphenyl (54% chlorine)

CAS 11097-69-1

$C_6H_3Cl_2C_6H_2Cl_3$ (approx)

RTECS TQ1360000

Synonyms & Trade Names
Aroclor® 1254, PCB, Polychlorinated biphenyl

DOT ID & Guide
2315 171

Exposure Limits
NIOSH REL*: Ca TWA 0.001 mg/m^3 See Appendix A [*Note: The REL also applies to other PCBs.]
OSHA PEL: TWA 0.5 mg/m^3 [skin]

IDLH Ca [5 mg/m^3] See: IDLH INDEX

Conversion

Physical Description
Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

MW: 326 (approx)	BP: 689-734°F	FRZ: 50°F	Sol: Insoluble
VP: 0.00006 mmHg	IP: ?		Sp.Gr(77°F): 1.38
Fl.P: NA	UEL: NA	LEL: NA	

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Measurement Methods
NIOSH 5503; OSHA PV2088
See: NMAM or OSHA Methods

Personal Protection & Sanitation (See protection)
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid (See procedures)
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter. Click here for information on selection of N, R, or P filters./Any appropriate escape-type, self-contained breathing apparatus
Important additional information about respirator selection

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

D0427

Target Organs Skin, eyes, liver, reproductive system

Cancer Site [in animals: tumors of the pituitary gland & liver, leukemia]

See also: INTRODUCTION See ICSC CARD: 0939 See MEDICAL TESTS: 0176

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D0428

NIOSH Publication No. 2005-151:
September 2005

NIOSH Pocket Guide to Chemical Hazards

Fibrous glass dust

CAS

RTECS LK3651000

DOT ID & Guide

Synonyms & Trade Names
Fiber glas®; Fiberglass; Glass fibers; Glass wool [Note: Usually produced from borosilicate & low alkali silicate glasses.]

Exposure Limits
NIOSH REL: TWA 3 fibers/cm^3 (fibers with diameter < or = 3.5 µm & length > or = 10 µm.) TWA 5 mg/m^3 (total)

OSHA PEL: TWA 15 mg/m^3 (total) TWA 5 mg/m^3 (resp)

IDLH N.D. See: IDLH INDEX

Conversion

Physical Description
Typically, glass filaments >3 µm in diameter or glass "wool" with diameters down to 0.05 µm & length > 1 µm.

MW: NA | BP: NA | MLT: ? | Sol: Insoluble

VP: 0 mmHg (approx) | IP: NA | Sp.Gr: 2.5

Fl.P: NA | UEL: NA | LEL: NA

Noncombustible Fibers

Incompatibilities & Reactivities
None reported

Measurement Methods
NIOSH 7400
See: NMAM or OSHA Methods

Personal Protection & Sanitation (See protection)
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: Daily
Remove: No recommendation
Change: Daily

First Aid (See procedures)
Eye: Irrigate immediately

Breathing: Fresh air

Respirator Recommendations NIOSH
Up to 5X REL:
(APF = 5) Any quarter-mask respirator. Click here for information on selection of N, R, or P filters.
Up to 10X REL:
(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100. Click here for information on selection of N, R, or P filters.
(APF = 10) Any supplied-air respirator
Up to 25X REL:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered air-purifying respirator with a high-efficiency particulate filter.
Up to 50X REL:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter. Click here for information on selection of N, R, or P filters.
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 1000X REL:
(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter. Click here for information on selection of N, R, or P filters./Any appropriate escape-type, self-contained breathing apparatus
Important additional information about respirator selection

Exposure Routes inhalation, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat; dyspnea (breathing difficulty)

Target Organs Eyes, skin, respiratory system

See also: INTRODUCTION

D0430

Directions to Grinnell, IA 50112-1835

YAHOO! LOCAL Maps

Summary and Notes

START A 1278 Old 6 Rd, Malcom, IA 50157-8035

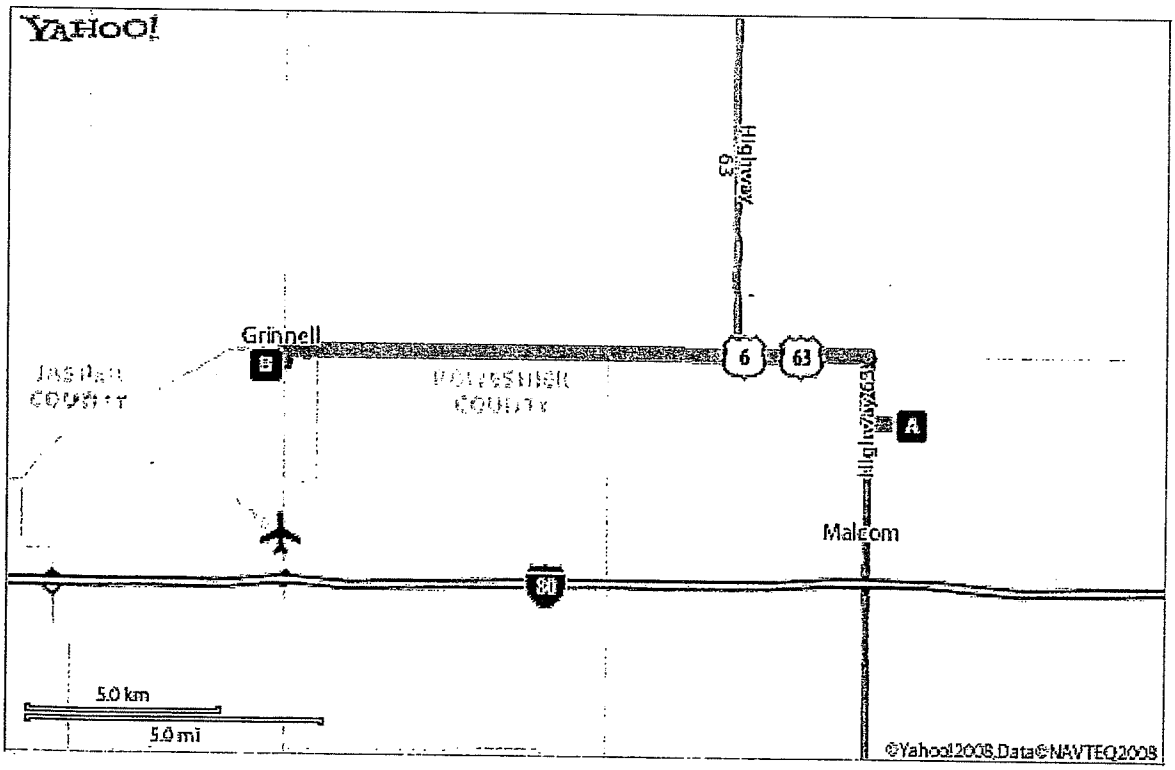
FINISH B Grinnell Regional Med Center (641) 236-7433
310 4th Ave, Grinnell, IA 50112-1835

Total Distance: 11.3 miles, Total Time: 19 mins (approx.)

Add your notes here...

	Distance
A 1278 OLD 6 RD, MALCOM, IA 50157-8035	
1. Start at **1278 OLD 6 RD, MALCOM** going toward **HIGHWAY 63**	go **0.7** mi
2. Turn R on **HIGHWAY 63(US-63)**	go **1** mi
3. Turn L on **HIGHWAY 6(US-6)**	go **2** mi
4. Continue to follow **US-6**	go **7.1** mi
5. Turn L on **WEST ST(IA-146)**	go **0.2** mi
6. Turn R on **4TH AVE**	go **0.3** mi
7. Arrive at **310 4TH AVE, GRINNELL**, on the L	go **< 0.1** mi
B 310 4TH AVE, GRINNELL, IA 50112-1835	

Distance: 11.3 miles, Time: 19 mins



When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

D0431