

ATTACHMENT #11

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Mr. Glenn Curtis
Remedial Project Manager
EPA – Region VII
726 Minnesota Avenue
Kansas City, KS 66101**

2. Article Number (Copy from service label)

Z 180 081 571

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) **EPA/CASU MAILROOM** B. Date of Delivery **AUG 14 2000**

C. Signature **EPA/CASU MAILROOM**
 Agent
 Addressee

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

Z 180 081 571

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to	Glenn Curtis EPA-Region VII
Street & Number	726 Minnesota Avenue
Post Office, State, & ZIP Code	Kansas City, KS 66101
Postage	\$ 2.97
Certified Fee	2.65
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 5.62
Postmark or Date	7/10/00

PS Form 3800, April 1995

**Annual Inspection Report
General Results
DICO, Inc. – Des Moines, Iowa**

Name/Title of Inspector: Thomas Duncan, Environmental Compliance Manager

Date: February 27, 2000

Buildings	Walls	Ceilings	Aisles	General Comments
Number 1	✓	✓	✓	No problems Noted.
Number 2	✓	X	X	1. Ceiling Insulation Hanging – NE Side. 2. Floors at Loading Docks Need Painting. 3. Ceiling Insulation Hanging – SE Side.
Number 3	X	✓	X	1. Pipe Insulation Needs Repair – West Side. 2. Floor Needs Painting at Access from Building Number 2. 3. Cracks Need to be Filled in Floor.
Number 4	✓	✓	✓	No Problems Noted.
Number 5	✓	✓	✓	No Problems Noted.
Maintenance	✓	✓	✓	No Problems Noted.

NOTES: Check mark indicates no damage present.
An "X" indicates damage is present; specify general location in comment section.

Inspector – Provide detailed accounts of inspection activities on following pages.

**Annual Inspection Report
Building Number 1 – Detailed Inspection**

FLOORS: No Problems Noted.

CEILINGS: No Problems Noted.

WALLS: No Problems Noted.

Annual Inspection Report
Building Number 2 – Detailed Inspection

FLOORS: Fork truck marks at dock doors need repainting (should apply double coat at this area).

CEILINGS: Some of the ceiling insulation tape needs to be replaced at a couple of the joints at the Northeast and Southwest sections of the buildings.

WALLS: No Problems Noted.

**Annual Inspection Report
Building Number 3 – Detailed Inspection**

FLOORS: 1. Floor needs to be painted near the access aisle from Building Number 2.

2. Cracks in the concrete need to be filled and painted.

CEILINGS: No Problems Noted.

WALLS: Pipe insulation needs to be repaired and retaped at the West wall of the building.

Annual Inspection Report
Building Number 4 – Detailed Inspection

FLOORS: No Problems Noted.

CEILINGS: No Problems Noted.

WALLS: No Problems Noted.

Annual Inspection Report
Building Number 5 – Detailed Inspection

FLOORS: No Problems Noted.

CEILINGS: No Problems Noted.

WALLS: No Problems Noted.

**Annual Inspection Report
Maintenance Building – Detailed Inspection**

FLOORS: No Problems Noted.

CEILINGS: No Problems Noted.

WALLS: No Problems Noted.

**Periodic Sample Summary
Building 2
DICO, Inc. – Des Moines, Iowa**

Sample Identification	Sample Date	Sample Collector	Sample Location*		
			Wall	Ceiling	Floor
SW-2-1	10:15am	Thomas Duncan			Center
SW-2-2	10:15am	Thomas Duncan			Center
SW-2-3	10:15am	Thomas Duncan			Center
SW-2-4	10:15am	Thomas Duncan			Center
SW-2-5	10:20am	Thomas Duncan	Center		
SW-2-6	10:20am	Thomas Duncan	Center		
SW-2-7	10:20am	Thomas Duncan	Center		
SW-2-8	10:20am	Thomas Duncan	Center		
SW-2-9	10:25am	Thomas Duncan		North/Center	
SW-2-10	10:25am	Thomas Duncan		North/Center	
SW-2-11	10:25am	Thomas Duncan		North/Center	
SW-2-12	10:25am	Thomas Duncan		North/Center	
SW-2-13	10:25am	Thomas Duncan			East/Center
SW-2-14	10:25am	Thomas Duncan			East/Center
SW-2-15	10:25am	Thomas Duncan			East/Center
SW-2-16	10:25am	Thomas Duncan			East/Center

Notes: *Provide General Area, Such as North Wall or Southeast Ceiling Corner. Exact Locations to be on Plant Layout.

**Periodic Sample Summary
Building 3
DICO, Inc. – Des Moines, Iowa**

Sample Identification	Sample Date	Sample Collector	Sample Location*		
			Wall	Ceiling	Floor
SW-3-1	11:00am	Thomas Duncan			Center
SW-3-2	11:00am	Thomas Duncan			Center
SW-3-3	11:00am	Thomas Duncan			Center
SW-3-4	11:00am	Thomas Duncan			Center
SW-3-5	11:05am	Thomas Duncan	West/Center		
SW-3-6	11:05am	Thomas Duncan	West/Center		
SW-3-7	11:05am	Thomas Duncan	West/Center		
SW-3-8	11:05am	Thomas Duncan	West/Center		
SW-3-9	11:05am	Thomas Duncan		West/Center	
SW-3-10	11:05am	Thomas Duncan		West/Center	
SW-3-11	11:05am	Thomas Duncan		West/Center	
SW-3-12	11:05am	Thomas Duncan		West/Center	

Notes: *Provide General Area, Such as North Wall or Southeast Ceiling Corner. Exact Locations to be on Plant Layout.

**Periodic Sample Summary
Building 4
DICO, Inc. – Des Moines, Iowa**

Sample Identification	Sample Date	Sample Collector	Sample Location*		
			Wall	Ceiling	Floor
SW-4-1	4:30pm	Thomas Duncan			North/West
SW-4-2	4:30pm	Thomas Duncan			North/West
SW-4-3	4:30pm	Thomas Duncan			North/West
SW-4-4	4:30pm	Thomas Duncan			North/West
SW-4-5	4:30pm	Thomas Duncan			North/East
SW-4-6	4:30pm	Thomas Duncan			North/East
SW-4-7	4:30pm	Thomas Duncan			North/East
SW-4-8	4:30pm	Thomas Duncan			North/East
SW-4-9	5:00pm	Thomas Duncan	North/West		
SW-4-10	5:00pm	Thomas Duncan	North/West		
SW-4-11	5:00pm	Thomas Duncan	North/West		
SW-4-12	5:00pm	Thomas Duncan	North/West		
SW-4-13	5:00pm		North/East		
SW-4-14	5:00pm		North/East		
SW-4-15	5:00pm		North/East		
SW-4-16	5:00pm		North/East		
SW-4-17	5:00pm			North	
SW-4-18	5:00pm			North	
SW-4-19	5:00pm			North	
SW-4-20	5:00pm			North	

Notes: *Provide General Area, Such as North Wall or Southeast Ceiling Corner. Exact Locations to be on Plant Layout.

**Periodic Sample Summary
Building 5
DICO, Inc. – Des Moines, Iowa**

Sample Identification	Sample Date	Sample Collector	Sample Location*		
			Wall	Ceiling	Floor
SW-5-1	5:15pm	Thomas Duncan			South/West
SW-5-2	5:15pm	Thomas Duncan			South/West
SW-5-3	5:15pm	Thomas Duncan			South/West
SW-5-4	5:15pm	Thomas Duncan			South/West
SW-5-5	5:15pm	Thomas Duncan			South/East
SW-5-6	5:15pm	Thomas Duncan			South/East
SW-5-7	5:15pm	Thomas Duncan			South/East
SW-5-8	5:15pm	Thomas Duncan			South/East
SW-5-9	5:25pm	Thomas Duncan	South/West		
SW-5-10	5:25pm	Thomas Duncan	South/West		
SW-5-11	5:25pm	Thomas Duncan	South/West		
SW-5-12	5:25pm	Thomas Duncan	South/West		
SW-5-13	5:25pm	Thomas Duncan	South/East		
SW-5-14	5:25pm	Thomas Duncan	South/East		
SW-5-15	5:25pm	Thomas Duncan	South/East		
SW-5-16	5:25pm	Thomas Duncan	South/East		
SW-5-17	5:25pm	Thomas Duncan		South/East	
SW-5-18	5:30pm	Thomas Duncan		South/East	
SW-5-19	5:30pm	Thomas Duncan		South/East	
SW-5-20	5:30pm	Thomas Duncan		South/East	

Notes: *Provide General Area, Such as North Wall or Southeast Ceiling Corner. Exact Locations to be on Plant Layout.

**Periodic Sample Summary
Maintenance Building
DICO, Inc. – Des Moines, Iowa**

Sample Identification	Sample Date	Sample Collector	Sample Location*		
			Wall	Ceiling	Floor
SW-M-1	5:40pm	Thomas Duncan			North/Center
SW-M-2	5:40pm	Thomas Duncan			North/Center
SW-M-3	5:40pm	Thomas Duncan			North/Center
SW-M-4	5:40pm	Thomas Duncan			North/Center
SW-M-5	5:40pm	Thomas Duncan	North/Center		
SW-M-6	5:40pm	Thomas Duncan	North/Center		
SW-M-7	5:40pm	Thomas Duncan	North/Center		
SW-M-8	5:40pm	Thomas Duncan	North/Center		
SW-M-9	5:55pm	Thomas Duncan		Center	
SW-M-10	5:55pm	Thomas Duncan		Center	
SW-M-11	5:55pm	Thomas Duncan		Center	
SW-M-12	5:55pm	Thomas Duncan		Center	

Notes: *Provide General Area, Such as North Wall or Southeast Ceiling Corner. Exact Locations to be on Plant Layout.

Titan International

121 Centre Stage Drive
Clinton, TN 37716

9050D



Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report **Mr. Thomas Duncan**
Description: **Wipe Samples**
Client Project #: **TITANINT-WIPE**
Lab Project #: **TITANINT-WIPE**
P.O.#:

Phone: (865) 457-5800
FAX: (865) 457-9333

Collected by: **Thomas Duncan**
(print)
Collected by (signature): *Thomas Duncan*

Site/Facility ID#: _____
Date Results Needed: _____
Rush? (Lab MUST Be Notified)
Date: _____
FAX? No Yes
No. of Cntrs: _____

Remarks:
CoCode: **TITANINT** (lab use only)
Template/Prelogin: **T6601 / P11848**
Cooler #: _____
Shipped Via: **UPS Ground**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	A	B	C	D	E	F	G	Remarks/Contaminant	Sample # (lab only)
SUD-1 Floor Ctr		SS		5/18/00	1000	4	X	X	X	X				Dirt + Buns (blow)	L1328-01
SUD-1 Wall S Ctr		SS			1005	4	X	X	X	X				A	-03
SUD-1 Ceiling Ctr		SS			1010	4	X	X	X	X					-04
SUD-2 Floor Ctr		SS			1015	4	X	X	X	X					-05
SUD-2 Wall Ctr		SS			1020	4	X	X	X	X					-06
SUD-2 Ceiling N Ctr		SS			1025	4	X	X	X	X					-07
SUD-2 Floor E Ctr		SS			1025	4	X	X	X	X					-08
SUD-3 Floor Ctr		SS			1100	4	X	X	X	X					-09
SUD-3 Wall W Ctr		SS			1105	4	X	X	X	X					-09

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Tmp _____
Flow _____ Other _____

Relinquished by: (Signature) *Thomas Duncan* Date: **5/18/00** Time: **6:30** Received by: (Signature) _____
 Relinquished by: (Signature) _____ Date: _____ Time: _____ Received by: (Signature) _____
 Relinquished by: (Signature) _____ Date: _____ Time: _____ Received by: (Signature) _____

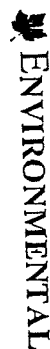
Samples returned via: FedEx Courier UPS
 Temp: **49C** Bottles Received: **99**
 Date: **5/18/00** Time: **11:00 AM**
 pH Checked: Yes No NCF: Yes No

Titan International

121 Centre Stage Drive
Clinton, TN 37716

7030D

Prepared by:



ENVIRONMENTAL
SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report Mr. Thomas Duncan

Description: Wipe Samples

Client Project #:

Phone: (865) 457-5800
FAX: (865) 457-9333

Lab Project #
TITANINT-WIPE

Collected by (print): Thomas Duncan

Collected by (signature): *Thomas Duncan*

Site/Facility ID#:

P.O.#:

Rush? (Lab MUST Be Notified) Date Results Needed

<24 hr 200%
24-48 hr 100%
48-72 hr 50%

FAX? No Yes

No. of Cnts

Remarks:

CoCode: TITANINT (lab use only)
Template/Prelogin T6601 / P11848
Cooler #:
Shipped Via: UPS Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cnts	A	B	C	D	E	F	G	Remarks/Contaminant	Sample # (lab only)
SUO-3 Ceiling W/Gr		SS		5/18/00	1105	4	X	X	X	X				Davit Run Column A	L17388-10
SUO-4 Floor NW Side		SS			1630	4	X	X	X	X					-12
SUO-4P Floor NE/Elect		SS			1300	4	X	X	X	X					-13
SUO-4 Wall North West		SS			1300	4	X	X	X	X					-14
SUO-4P Wall North East		SS			1300	4	X	X	X	X					-15
SUO-4 Ceiling North		SS			1315	4	X	X	X	X					-16
SUO-5 Floor South West		SS			1715	4	X	X	X	X					-17
SUO-5P Floor South East		SS			1715	4	X	X	X	X					-17
SUO-5 Wall South West		SS			1725	4	X	X	X	X					-18

*Matrix: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature) *[Signature]* Date: 5/19/00 Time: 6:30

Relinquished by: (Signature) _____ Date: _____ Time: _____

Relinquished by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature) _____ Date: _____ Time: _____

Received for lab by: (Signature) *[Signature]* Date: 5/19/00 Time: 11:11

Samples returned via: UPS FedEx Courier

Temp: 49°C Bottles Received: 92

Condition: _____ (lab use only)

pH Checked: Yes No NCF: Yes No

Titan International

121 Centre Stage Drive
Clinton, TN 37716

8030Q

Prepared by:



ENVIRONMENTAL
SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report Mr. Thomas Duncan
Phone: (865) 457-5800
FAX: (865) 457-9333

Description: Wipe Samples
Client Project #: TITANINT-WIPE
Lab Project #: TITANINT-WIPE
Site/Facility ID#: P.O.#:

- A Dioxin - High 4ozCl- NoPres
- B Dioxin - Low 4ozCl- NoPres
- C Herbicides 4ozCl- NoPres
- D Pesticides/PCB 4ozCl- NoPres
- E
- F
- G

Collected by: Thomas Duncan
(print)
Collected by (signature):

Push? (Lab MUST Be Notified) Date Results Needed:
 <24 hr 200%
 24-48 hr 100%
 48-72 hr 50%

Remarks:
 CoCode: TITANINT (lab use only)
 Template/Prelogin T6601 / P11848
 Cooler #:
 Shipped Via: UPS Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Chits	A	B	C	D	E	F	G	Remarks/Contaminant	Sample # (lab only)
SUD-51P Well South East		SS		5/18/00	1735	4	X	X	X	X				Well-Run Column	17286-01
SUD-5 Ceiling SE		SS			1730	4	X	X	X	X				A	-20
SUD-M Floor NCh		SS			1740	4	X	X	X	X					-22
SUD-M NCh Well		SS			1740	4	X	X	X	X					-23
SUD-M Ceiling Gr		SS			1755	4	X	X	X	X					
		SS				4	X	X	X	X					
		SS				4	X	X	X	X					
		SS				4	X	X	X	X					

*Matrix: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature) *Thomas Duncan* Date: 5/18/00 Time: 6:30
 Received by: (Signature) _____
 Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature) _____
 Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature) _____

Samples returned via: UPS FedEx Courier Other
 Temp: 4.0C Bottles Received: 92
 Date: 5/18/00 Time: 17:00
 PH Checked: Yes NCF: Yes



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

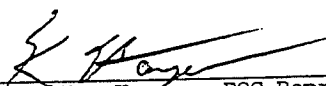
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-1 FLOOR CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:00

ESC Sample # : L17286-01
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	26.	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AZLA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

The reported analytical results relate only to the sample submitted.

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Page 1 of 23

D0309



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

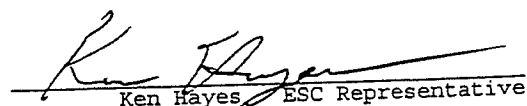
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-1 WALL S CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:05

ESC Sample # : L17286-02
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:
A21A - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Page 2 of 23

D0310



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

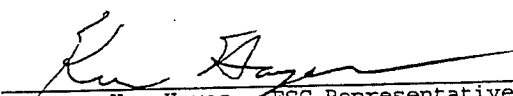
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-1 CEILING CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:10

ESC Sample # : L17286-03
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Tax I.D. 62-0814289
Est. 1970

REPORT OF ANALYSIS


June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-04
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-2 FLOOR CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	1.3	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)
Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-2 WALL CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:20

ESC Sample # : L17286-05
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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REPORT OF ANALYSIS

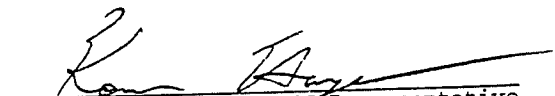
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-2 CEILING N CTR
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:25

ESC Sample # : L17286-06
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

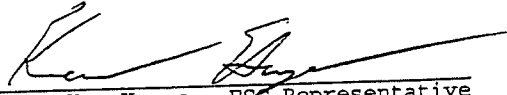
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-07
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-2 FLOOR E CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 10:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	17.	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-08

Date Received : May 19, 2000

ESC Key : TITANINT-WIPE

Description : Wipe Samples

Site ID :

Sample ID : SW-3 FLOOR CENTER

Project # :

Collected By : Thomas Duncan
Collection Date : 05/18/00 11:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-09

ESC Key : TITANINT-WIPE

Site ID :

Project # :

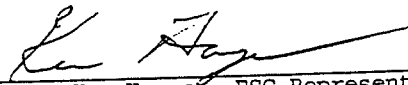
Date Received : May 19, 2000

Description : Wipe Samples

Sample ID : SW-3 WALL W CENTER

Collected By : Thomas Duncan
Collection Date : 05/18/00 11:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)
Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000

Description : Wipe Samples

Sample ID : SW-3 CEILING W CTR

Collected By : Thomas Duncan
Collection Date : 05/18/00 11:05

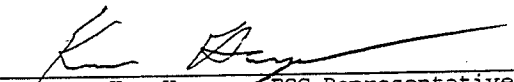
ESC Sample # : L17286-10

ESC Key : TITANINT-WIPE

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-4 FLOOR NW
Collected By : Thomas Duncan
Collection Date : 05/18/00 16:30

ESC Sample # : L17286-11
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS


June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-4 FLOOR NE
Collected By : Thomas Duncan
Collection Date : 05/18/00 16:30

ESC Sample # : L17286-12
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-13


ESC Key : TITANINT-WIPE

Site ID :

Project # :

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-4 WALL NORTHWEST
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-14


ESC Key : TITANINT-WIPE

Site ID :

Project # :

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-4 WALL NORTHEAST
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A21A - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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D0322



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REPORT OF ANALYSIS

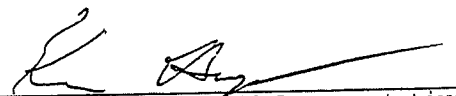
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-4 CEILING NORTH
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:00

ESC Sample # : L17286-15
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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REPORT OF ANALYSIS


June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-5 FLOOR SW
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:15

ESC Sample # : L17286-16
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS


June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-5 FLOOR SE
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:15

ESC Sample # : L17286-17
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

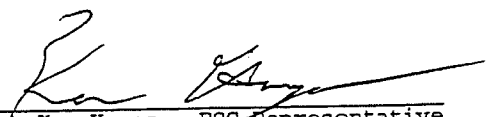
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-5 WALL SW
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:25

ESC Sample # : L17286-18
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC-Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:
A21A - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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REPORT OF ANALYSIS

June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-19

Date Received : May 19, 2000

ESC Key : TITANINT-WIPE

Description : Wipe Samples

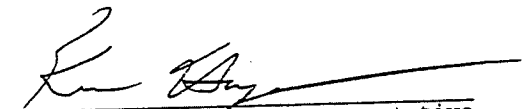
Site ID :

Sample ID : SW-5 WALL SE

Project # :

Collected By : Thomas Duncan
Collection Date : 05/18/00 17:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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REPORT OF ANALYSIS


June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

ESC Sample # : L17286-20
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-5 CEILING SE
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)
Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

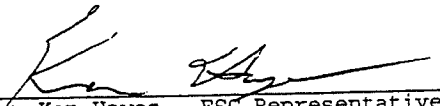
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-M FLOOR N CENTER
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:40

ESC Sample # : L17286-21
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)
Laboratory Certification Numbers:
A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
Note:
The reported analytical results relate only to the sample submitted.
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ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

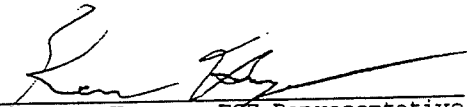
June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-M N CENTER WALL
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:40

ESC Sample # : L17286-22
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	BDL	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS


June 20, 2000

Mr. Thomas Duncan
Titan International
121 Centre Stage Drive
Clinton, TN 37716

Date Received : May 19, 2000
Description : Wipe Samples
Sample ID : SW-M CEILING CTR
Collected By : Thomas Duncan
Collection Date : 05/18/00 17:55

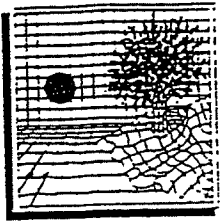
ESC Sample # : L17286-23
ESC Key : TITANINT-WIPE
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pesticide/PCBs						
Aldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Chlordane	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Dieldrin	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Heptachlor epoxide	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1016	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1221	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1232	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1242	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1248	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1254	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
PCB 1260	BDL	1.0	ug/wipe	8081/8082	05/27/00	1
Herbicides						
2,4-D	13.	1.0	ug/wipe	8151	06/01/00	1
2,4,5-T	BDL	1.0	ug/wipe	8151	06/01/00	1
Dioxins And Furans	See attached			8280	05/30/00	1


Ken Hayes, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit (EQL)
Laboratory Certification Numbers:
A21A - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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SOUTHWEST LABORATORY OF OKLAHOMA, INC.

1700 West Albany • Broken Arrow Oklahoma 74012 • Office (405) 251-2858 • Fax (405) 251-2500

Quality

Control

Section

D0332

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

 DFBLK

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: BL0526WIA
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 12:06:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004046#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.09		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	56.10	112.21	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.12	96.49		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0333

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-1

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.01
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 14:21:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004047#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1

Concentration Units (ng/L or ug/Kg dry weight): ng				% Moisture:		
ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	1.48		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	51.63	103.26	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	23.00	91.99		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-2

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.02
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 14:58:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004048#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.15		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	50.81	101.62	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	23.22	92.90		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0335

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-3

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.03
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 15:36:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004049#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.09		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	54.76	109.53	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.55	98.21		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0336

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-4

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.04
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 16:13:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004050#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1

Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.45		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	59.07	118.14	0.80	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.69	98.75		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0337

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-5

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.05
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 16:50:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004051#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1

Concentration Units (ng/L or ug/Kg dry weight): ng		% Moisture:				
ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.30		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	59.70	119.41	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.85	99.38		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0338

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-6

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.06
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 17:27:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004052#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.19		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	58.44	116.89	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.90	103.59		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0339

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-7

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.07
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 18:11:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004053#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.10		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	46.94	93.89	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.20	100.79		1.01	

(1).The '**' Indicates non-detected.

TCDDF1

D0340

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-8

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.08
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 18:48:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004054#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.17		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	56.12	112.24	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	26.23	104.94		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0341

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-9

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.09
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 19:25:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004055#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.07		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	51.92	103.84	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.92	99.68		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0342

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-10

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.10
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 20:02:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004056#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.11		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	51.15	102.31	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.12	100.47		1.01	

(1) .The '*' Indicates non-detected.

TCDDF1

D0343

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
 L17286-11

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.11
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 20:50:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004057#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.14		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	43.08	86.16	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	22.75	91.02		1.01	

(1). The '*' Indicates non-detected.

TCDDF1

D0344

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
 L17286-12

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.12
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 30-MAY-00 Time: 21:57:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004058#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004045#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.09		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	46.87	93.74	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.96	99.83		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0345

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-13

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.13
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 15:51:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004063#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng		% Moisture:				
ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.11		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	27.99	55.98	0.80	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	23.70	94.82		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-14

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.14
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 16:28:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004064#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng		% Moisture:				
ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.06		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	51.77	103.54	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	26.73	106.92		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0347

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

L17286-15

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.15
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 17:05:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004065#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.10		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	59.06	118.11	0.80	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	28.58	114.32		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0348

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

 L17286-16

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.16
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 17:43:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004066#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.09		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	53.92	107.83	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.58	102.32		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0349

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-17

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.17
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 18:40:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004067#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.04		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	56.84	113.68	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.50	102.01		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0350

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

 L17286-18

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.18
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 19:17:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004068#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.17		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	48.43	96.87	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.95	99.79		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0351

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-19

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.19
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 19:54:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004069#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng		% Moisture:				
ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.04		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	55.77	111.53	0.78	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.58	102.30		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0352

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

 L17286-20

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.20
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 20:32:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004070#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004046#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.09		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	51.72	103.44	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.18	96.73		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0353

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-21

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.21
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 21:09:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004071#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004062#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.16		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	47.18	94.36	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.65	102.60		1.01	

(1).The '*' Indicates non-detected.

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-22

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.22
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 21:46:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004072#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004062#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.10		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	50.86	101.72	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	25.80	103.22		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
L17286-23

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: 43101.23
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: 05-25-00 Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 22:23:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004073#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004062#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng		% Moisture:				
ANALYTE	CONCENTRATION FOUND(1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.17		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	40.11	80.21	0.79	1.01	
CLEANUP STANDARD						
37C1-2,3,7,8-TCDD	25	25.25	100.98		1.01	

(1).The '*' Indicates non-detected.

TCDDF1

D0356

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

 DFBLK

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: BL0526WIA
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 1-JUN-00 Time: 15:37:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004077#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004077#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004076#1

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.04		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	56.99	113.98	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	24.49	97.96		1.01	

(1).The '*' Indicates non-detected.

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.

DFBLK

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: BL0526WIJ
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 31-MAY-00 Time: 15:14:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004062#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004062#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004061#1

Concentration Units (ng/L or ug/Kg dry weight): ng		% Moisture:				
ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.08		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	56.81	113.62	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	26.00	103.99		1.01	

(1). The '*' Indicates non-detected.

TCDDF1

D0358

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Sample and Blank Results

EPA SAMPLE NO.
 DFBLK

Lab Name: SOUTHWEST LAB. OF OKLAHOMA. Episode No.: 431013
 Client Name: ENV SCI Lab Sample ID: BL0526WIJ
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Shift: Instrument ID: HP72E GC
 Analysis Date: 1-JUN-00 Time: 16:14:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004078#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004078#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004076#1

Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	CONCENTRATION FOUND (1)	DETECTION LIMIT	EMPC	ION ABUND. RATIO	RRT	TEF-ADJ CONCENT
2,3,7,8-TCDD	*	0.04		*	*	*
LABELED STANDARD	SPIKE CONCENTRATION	CONCENT. FOUND	RECOV. %	ION ABUND. RATIO (2)	RRT (1)	
13C-2,3,7,8-TCDD	50	57.33	114.66	0.79	1.01	
CLEANUP STANDARD						
37Cl-2,3,7,8-TCDD	25	26.06	104.25		1.01	

(1).The '*' Indicates non-detected.

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Matrix spike Results

CLIENT ID

LCS

Lab Name: Southwest Lab. of Oklahoma Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: LC0526WIA
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Instrument ID: HP72E GC
 Analysis Date: 1-JUN-00 Time: 16:51:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004079#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004077#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004076#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	SPIKE CONCENTRATION	CONCENTRAT. FOUND	RECOV. %	ION ABUND. RATIO	RRT
2,3,7,8-TCDD	10	14.113	141.130	0.76	1.001
INT. STANDARD					
13C-2,3,7,8-TCDD	50	50.66	101.31	0.79	1.01
CLEANUP STANDARD					
37Cl-2,3,7,8-TCDD	25	25.69	102.76		1.01

TCDDFLI

D0360

AATS/SWOK, INC.
 2378-TCDD ANALYSIS DATA SHEET
 Use for Matrix spike Results

CLIENT ID

LCSD

Lab Name: Southwest Lab. of Oklahoma Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: LD0526WIA
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Instrument ID: HP72E GC
 Analysis Date: 1-JUN-00 Time: 17:29:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004080#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004077#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004076#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	SPIKE CONCENTRATION	CONCENTRAT. FOUND	RECOV. %	ION ABUND. RATIO	RRT
2,3,7,8-TCDD	10	13.522	135.220	0.76	1.000
INT. STANDARD					
13C-2,3,7,8-TCDD	50	43.69	87.38	0.80	1.01
CLEANUP STANDARD					
37Cl-2,3,7,8-TCDD	25	23.54	94.18		1.01

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 Use for Matrix spike Results

CLIENT ID

LCS

Lab Name: Southwest Lab. of Oklahoma Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: LC0526WIJ
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Instrument ID: HP72E GC
 Analysis Date: 1-JUN-00 Time: 18:06:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004081#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004078#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004076#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	SPIKE CONCENTRATION	CONCENTRAT. FOUND	RECOV. %	ION ABUND. RATIO	RRT
2,3,7,8-TCDD	10	14.204	142.040	0.76	1.000
INT. STANDARD					
13C-2,3,7,8-TCDD	50	42.86	85.72	0.80	1.01
CLEANUP STANDARD					
37Cl-2,3,7,8-TCDD	25	21.92	87.67		1.01

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 2378-TCDD ANALYSIS DATA SHEET
 Use for Matrix spike Results

CLIENT ID

 LCSD

Lab Name: Southwest Lab. of Oklahoma Episode No.: 43101
 Client Name: ENV SCI Lab Sample ID: LD0526WIJ
 Matrix (aqueous/solid/leachate): wipe Sample Wt/Vol: g or mL:
 Sample Receipt Date: Initial Calibration Date: 01-05-00
 Ext. Date: 05-26-00 Instrument ID: HP72E GC
 Analysis Date: 1-JUN-00 Time: 18:43:00 GC Column ID: DB-5
 Extract Volume (uL): 50 Sample Data Filename: E004082#1
 Injection Volume (uL): 2.0 Blank Data Filename: E004078#1
 Dilution Factor: 1 Cal. Ver. Data Filename: E004076#1
 Concentration Units (ng/L or ug/Kg dry weight): ng % Moisture:

ANALYTE	SPIKE CONCENTRATION	CONCENTRAT. FOUND	RECOV. %	ION ABUND. RATIO	RRT
2,3,7,8-TCDD	10	14.572	145.720	0.77	1.001
INT. STANDARD					
13C-2,3,7,8-TCDD	50	46.21	92.43	0.79	1.01
CLEANUP STANDARD					
37C1-2,3,7,8-TCDD	25	26.89	107.58		1.01

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